



esp

Environmental &
Safety Professionals

ENVIRONMENTAL NOISE MONITORING QUARTER 1, 2019



Northparkes Mines
PO Box 995
Parkes NSW 2870

Job No: J40396
Report issued: 22 March 2019

ESP – ENVIRONMENTAL & SAFETY PROFESSIONALS

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This report relates to specific conditions existing at the time of undertaking the work. Current or future conditions of the areas reviewed may not be able to be assumed or inferred from information contained in this report.

REVISION HISTORY

Revision	Revision Description	Issued	Recipient
1	<i>Final version</i>	14/03/2019	D. Shaw, NPM

EXECUTIVE SUMMARY

ESP – Environmental and Safety Professionals (ESP) – was commissioned by Northparkes Mines (NPM) to undertake Environmental Noise Assessments at four residential/farming properties (Hubberstone, Lone Pine, Milpose and Hillview) all within the vicinity of the NPM mine site. Monitoring was conducted to assess noise levels, resulting from NPM operations, at four key receivers around the site.

Attended noise monitoring was undertaken from the 6th to the 8th of March 2019.

Weather conditions during monitoring were very windy. The majority of the measurements could not be obtained within the specified range of allowable conditions for this period.

Where measurements were successful during milder weather, attended noise monitoring results indicate noise emissions from the mine site comply with the Project Approval criteria during all monitoring periods.

TABLE OF CONTENTS

EXECUTIVE SUMMARY	3
1. INTRODUCTION	5
2. BACKGROUND	5
3. NOISE LIMITS	6
Noise Management Plan	6
Project Specific Criteria	6
4. NOISE LEVEL MEASUREMENT	7
Methodology - Equipment	7
Methodology – Meteorological Conditions	7
Observations	7
Attended Noise Monitoring Results	7
Unattended Noise Monitoring Results	11
5. DISCUSSION	11
6. CONCLUSION	11
Appendix A – Map of Monitoring Locations	12
Appendix B – Equipment Calibration Details	13
Appendix C – Weather Conditions during Monitoring Period	14
Wind-Rose	14
Tabulated Meteorological Conditions	15
Appendix D – Full Results Graphs	29

1. INTRODUCTION

ESP was commissioned by Northparkes Mines (NPM) to undertake an Environmental Noise Assessment during Quarter 1, 2019 as part of their regular noise monitoring program in accordance with Project Approval 11_0060.

This report presents:

- results of attended measurements from day, evening and night operation of the mine for the period from the 6th to the 8th March 2019;
- an assessment of the results against Project Approval 11_0060 requirements and the criteria described in Northparkes Mine Step Change Project Approval.

2. BACKGROUND

The NPM site is located approximately 27 kilometres NNW of the town of Parkes, NSW.

ESP was asked to conduct attended monitoring at four locations as per the following table.

Location name	Type
Hillview	Residential & farming
Hubberstone	Residential & farming
Milpose	Residential & farming
Lone Pine	Residential & farming

Table 1: Monitoring location and type

A map showing monitoring locations in relation to the mine site is presented in Appendix A of this report.

3. NOISE LIMITS

Noise Management Plan

NPM has implemented a Noise Management Plan (NMP) which requires noise to be monitored at key locations adjacent to the mine site.

The NMP requires that attended noise monitoring be conducted once per quarter for three consecutive 15-minute periods at each monitoring location for each of the day, evening and night time periods.

Project Specific Criteria

According to PA 11_0060 and the Northparkes Mine Step Change Project Approval, the project specific criteria at each location are as follows:

Period		Project Specific Criteria dB*	
Day	0700 - 1800	$L_{Aeq(15min)}$	35
Evening	1800 – 2200	$L_{Aeq(15min)}$	35
Night	2200 – 0700	$L_{Aeq(15min)}$	35
		$L_{A1(1min)}$	45

Table 2: Project specific criteria for day, evening & night periods.

* Note: All noise measurements are “A-weighted” sound pressure level measurements, hence, the notation “dB” has been used in this report without the additional qualifier “(A)” for purposes of brevity and readability.

4. NOISE LEVEL MEASUREMENT

Methodology - Equipment

Attended noise measurements were carried out using a Rion Class 1 sound level meter.

Calibration details are attached in Appendix B.

The equipment used is listed below:

Equipment	Model	Serial Number	Calibration due
Sound level meter (SLM)	Rion NL-52	00375605	24/05/2019

Table 3: Noise monitoring equipment details

Measurements were conducted in accordance with AS1055.1-1997 *Acoustics - Description and measurement of environmental noise - General procedures*.

Methodology – Meteorological Conditions

The noise limits in PA 11_0060 apply only in wind speeds up to 3m/s. Meteorological data from NPM's weather station, corresponding with the entire monitoring period, is attached in Appendix C.

It is noted that noise limits apply during relatively calm conditions (wind speeds up to 3 m/s equates to 10.8 km/h). Where wind speeds have exceeded this limit, measurements are marked as being not applicable using "NA". Comparison with the documented limit should only be made when measurement of wind speed conforms to the maximum allowable wind speed.

Observations

The noise output from the mine site was found to be continuous. No adjustments were required to the measured noise level for intermittent, tonal or impulsive characteristics. Additionally, the measurement points were chosen so that no adjustment was required for reflection or indoor measurement.

It is noted that at various times during attended monitoring, extraneous noise sources, i.e. sources other than the mine, were the primary contributor to measured noise levels. Commonly, these noise sources include wildlife (e.g. birds, frogs and insects), livestock (e.g. sheep and cattle), road traffic, overhead aircraft, farm machinery and vegetation noise (i.e. rustling of foliage). Where possible, extraneous noise was excluded from the result either by pausing the sound level meter until the extraneous noise event had ceased (such as for traffic or aircraft noise) or by removing the extraneous noise via frequency analysis – i.e. subtracting the contribution to the overall sound pressure level at key frequencies not related to noise emissions from NPM. Adjusting via frequency analysis is not possible with LA1 results.

Frequency analysis can only be utilised at frequencies where there is no overlap between the frequencies of NPM noise and extraneous noise. Peaks in the frequency spectrum of received noise are present but not caused by NPM noise (e.g. insect, frog and bird noise) at frequencies of approximately 2 kHz and above.

Attended Noise Monitoring Results

Measurements conducted during excessive winds do not conform to the maximum wind speed requirements of PA11_0060 and are not to be compared against the criteria. These levels are marked with the notation "NA" in the tables overleaf. Where noise levels have been adjusted due to the presence of extraneous noise such as insect or bird noise, these levels are marked with the notation "adj.". It is noted that during Q1 monitoring, significant wind speeds were recorded.

Location	Date and Time	L_{A1} dB	L_{A10} dB	L_{Aeq} dB	L_{A90} dB	Compliance?	Notes
Hillview	06/03/2019 15:55	41.9	37.1	34.9	28	Yes	
	06/03/2019 16:10	46.5	44	41.3	37	NA	Traffic noise, wind noise. Mine inaudible.
	06/03/2019 16:25	46.1	41	39.2	36.1	NA	
Hubberstone	06/03/2019 14:55	45.7	41	39.1	35.2	NA	
	06/03/2019 15:10	45.3	41.8	39.5	34.2	NA	Goat noise, wind noise. Mine inaudible.
	06/03/2019 15:25	47.7	43.8	42.6	36.5	NA	
Milpose	06/03/2019 12:40	37.9	32.9	30	23.6	Yes	
	06/03/2019 12:55	43.8	37.2	34.9	27.7	Yes	Bird noise, rain noise, wind noise. Mine inaudible.
	06/03/2019 13:10	43.9	37.1	35	27.8	Yes	
Lonepine	06/03/2019 13:55	42.2	32.1	31.5	25.9	Yes	
	06/03/2019 14:10	40.6	36.5	33.8	26.6	Yes	Bird noise, wind noise. Mine inaudible.
	06/03/2019 14:25	44.6	42.4	38.5	33.8	NA	

Table 4: Daytime Attended Noise Results

Location	Date and Time	L_{A1} dB	L_{A10} dB	L_{Aeq} dB	L_{A90} dB	Compliance?	Notes
Hillview	06/03/2019 18:00	52.4	47.3	44	37.8	NA	
	06/03/2019 18:15	50.4	46.2	43.4	39.3	NA	Traffic noise, wind noise. Mine inaudible.
	06/03/2019 18:30	47.5	43.4	41.1	36.6	NA	
Hubberstone	06/03/2019 19:00	53.7	46.2	44.2	38.7	NA	
	06/03/2019 19:15	49.7	43.9	42.3	36.1	NA	Bird noise, wind noise. Mine inaudible.
	06/03/2019 19:30	46.5	42.1	39.5	35.3	NA	
Milpose	07/03/2019 20:00	54.3	49.8	47.2	43.3	NA	
	07/03/2019 20:15	54.4	48.4	45.7	41.1	NA	High wind. Mine inaudible.
	07/03/2019 20:30	53.7	49.6	46.7	42	NA	
Lonepine	07/03/2019 21:00	56.9	54.8	52.6	47.9	NA	
	07/03/2019 21:15	61.4	58.5	56.4	52.6	NA	High wind. Mine inaudible.
	07/03/2019 21:30	61.7	60	58.2	55.4	NA	

Table 5: Evening Attended Noise Results

Location	Date and Time	L_{A1} dB	L_{A10} dB	L_{Aeq} dB	L_{A90} dB	Compliance?	Notes
Hillview	08/03/2019 1:00	46.1	42.2	41.1	39.5	NA	
	08/03/2019 1:15	54.8	48.8	45.8	41.1	NA	High wind. Mine inaudible.
	08/03/2019 1:30	48.9	45	42.5	39.1	NA	
Hubberstone	08/03/2019 0:00	56.3	51.1	47.2	38.7	NA	
	08/03/2019 0:15	52.8	46.1	43.9	38	NA	High wind. Mine inaudible.
	08/03/2019 0:30	51.9	45.9	42.7	37	NA	
Milpose	07/03/2019 23:00	48.3	45.5	43.7	41.5	NA	
	07/03/2019 23:15	50.8	47.6	44.8	41.4	NA	High wind. Mine inaudible.
	07/03/2019 23:30	50.5	45.4	43.6	39.7	NA	
Lonepine	07/03/2019 22:00	59.3	57.7	55.8	53	NA	
	07/03/2019 22:15	61.2	58.5	56.9	55.2	NA	High wind. Mine inaudible.
	07/03/2019 22:30	60.3	59.4	57.8	56.2	NA	

Table 6: Night Attended Noise Results

Unattended Noise Monitoring Results

Noise levels were continuously monitored over a period of seven days from the 24th of February to the 4th of March 2019. A summary, with average values tabled, is provided below and graphs of the full results are attached in Appendix D. These summarised levels include extraneous noise which cannot be excluded from the continuous monitoring conducted; the results do not include measurements where the wind speed exceeded three meters per second.

ESP notes that the Hubberstone noise logger appears faulty, with results consistently measured at or around 49dB(A).

Location	L_{Aeq} (15min)			L_{A1} (1min)
	Day	Evening	Night	Night
Hillview	39	35	31	32
Hubberstone	49	49	50	50
Lonepine	41	40	32	34
Milpose	45	44	42	45

Table 7: Summary of Unattended Noise Monitoring, 25/02/2019 – 4/03/2019

5. DISCUSSION

Measurements indicate compliance with the 15-minute L_{Aeq} limitation of 35 dB at all locations during conforming weather conditions.

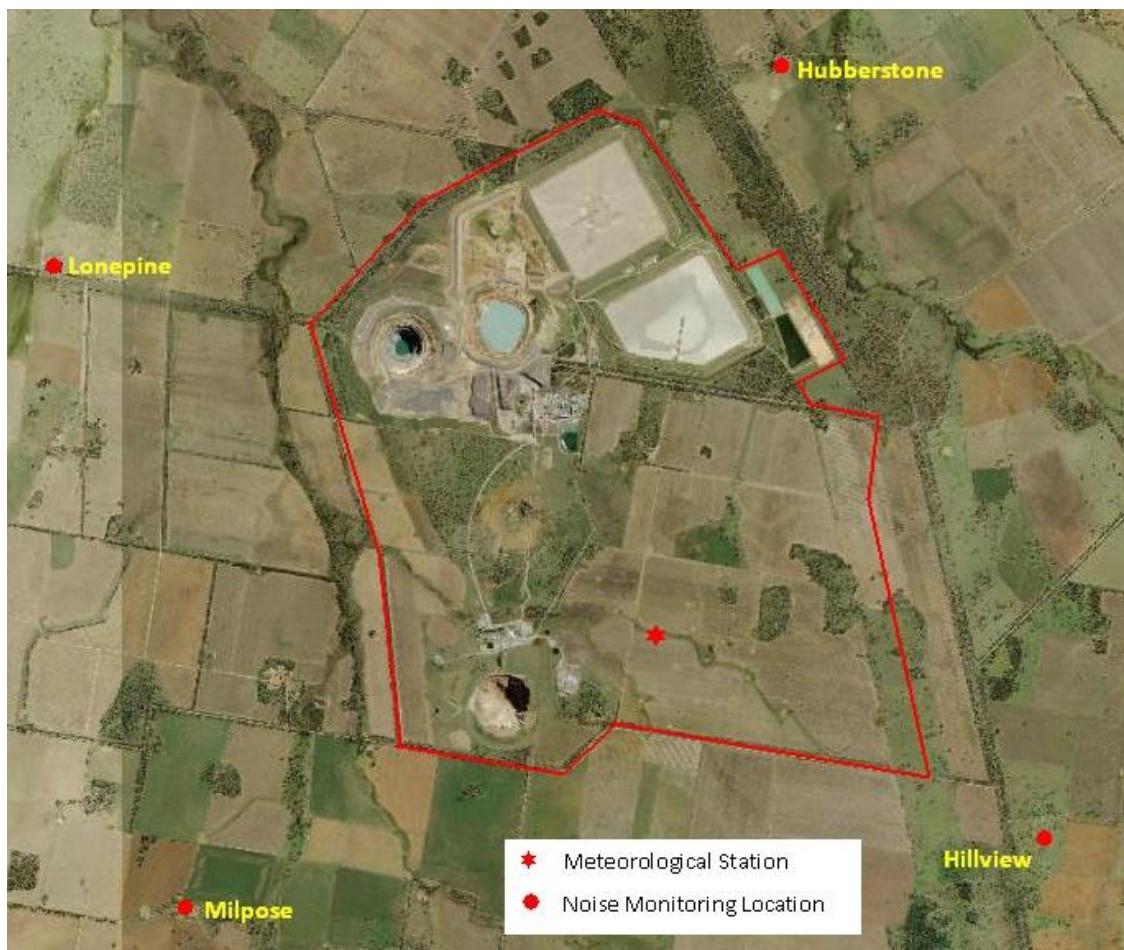
Where possible, extraneous noise sources have been excluded from attended measurements by pausing the sound level meter when non-NPM sources predominate (e.g. passing traffic or aircraft) and/or subtracting the component of the frequency spectrum that is caused by non-NPM sources (e.g. wildlife noise, livestock noise or foliage noise). Extraneous noise sources may contribute as much as 15 to 20 dB to the overall measured noise levels.

6. CONCLUSION

Attended environmental noise monitoring was conducted at four noise sensitive receivers around adjacent properties to Northparkes Mine site from the 6th to the 8th March 2019.

Despite the windy conditions throughout the monitoring period, attended noise monitoring results indicate noise emissions from the mine site comply with the Project Approval criteria.

Appendix A – Map of Monitoring Locations



Appendix B – Equipment Calibration Details



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Octave Band Filter

AS 4476:1997

Calibration Certificate

Calibration Number C17244A

Client Details	ESP Environmental & Safety Professionals Unit 2, 2B Parker Street FOOTSCRAY VIC 3011
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Filter Model Number : Rion NL-52EX

Filter Serial Number : N/A

Instrument Serial Number : 00375605

Microphone Serial Number : 11074

Pre-amplifier Serial Number : 65732

Atmospheric Conditions

Ambient Temperature : 21.8°C

Relative Humidity : 49.1%

Barometric Pressure : 99.27kPa

Calibration Technician : Vicky Jaiswal

Secondary Check: Sandra Minto

Calibration Date : 24/05/2017

Report Issue Date : 24/05/2017

Approved Signatory : 

Ken Williams

Clause and Characteristic Tested	Result	Clause and Characteristic Tested	Result
4.4 & 5.3: 1/1 Octave relative attenuation	Pass	4.6 & 5.5: Linear operating range	Pass
4.4 & 5.3: 1/3 Octave relative attenuation	Pass	4.8 & 5.7: Anti-alias filters	Pass
		4.10 & 5.9: Flat frequency response	Pass

The fractional octave band meter under test has been shown to conform to the class 1 requirements for periodic testing as described in AS 4476:1997 for the tests stated above.

Least Uncertainties of Measurement - Environmental Conditions			
Electrical Test		Temperature	±0.05°C
< 16Hz	±0.19dB	Relative Humidity	±0.46%
16Hz-100Hz	±0.11dB	Barometric Pressure	±0.017kPa
100Hz-1000Hz	±0.09dB		
1000Hz-10kHz	±0.09dB		
> 10kHz	±0.16dB		

All uncertainties are derived at the 95% confidence level with a coverage factor of 2.

This calibration certificate is to be read in conjunction with the calibration test report.

Acoustic Research Labs Pty Ltd is NATA Accredited Laboratory Number 14172.
Accredited for compliance with ISO/IEC 17025.

The results of the tests, calibrations and/or measurements included in this document are traceable to
Australian/national standards.

NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the
equivalence of testing, medical testing, calibration and inspection reports.



PAGE 1 OF 1

Appendix C – Weather Conditions during Monitoring Period

Note: Data provided by Northparkes Mine.

Wind-Rose

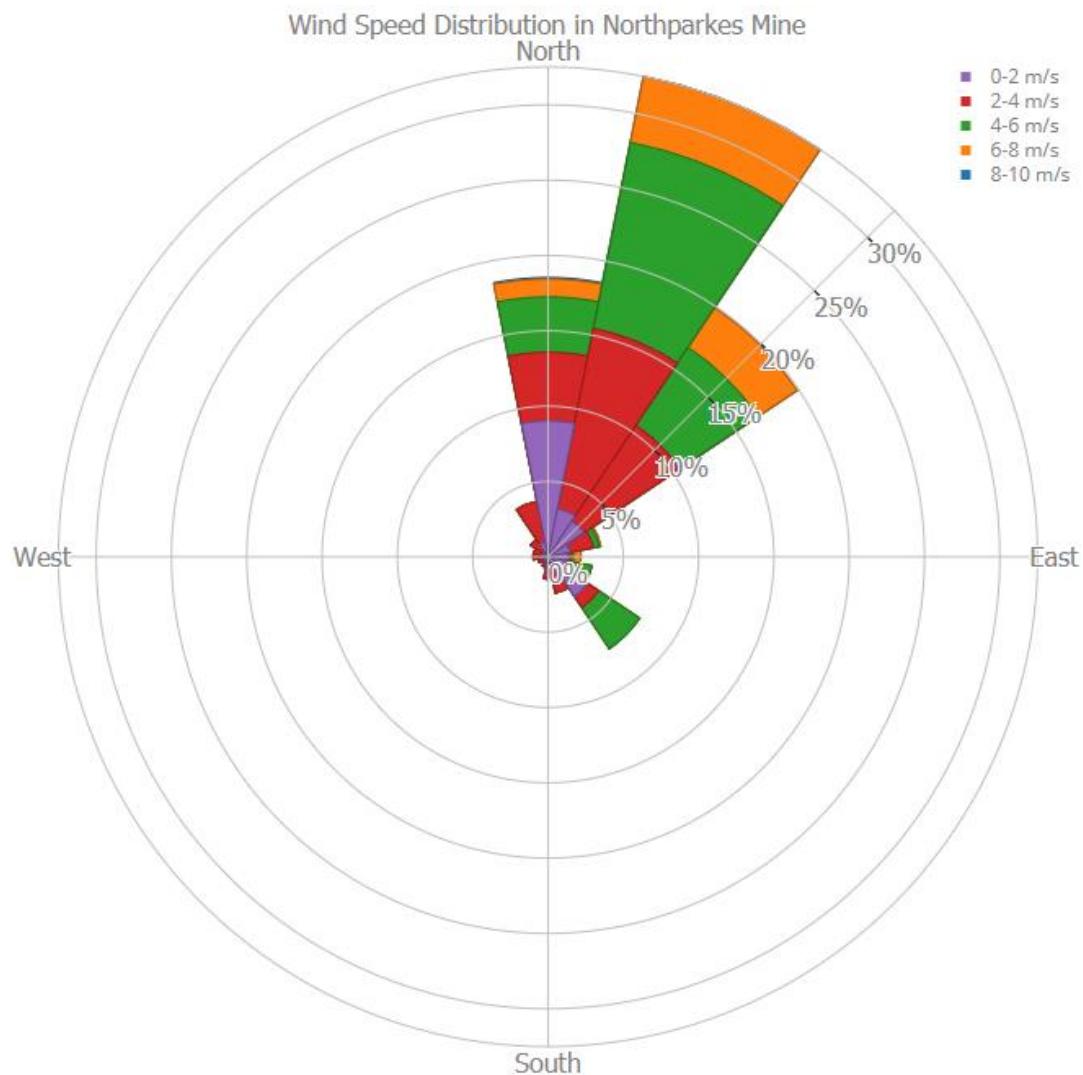


Figure 1 - Wind rose for period 25/02/2019 – 4/03/2019

Tabulated Meteorological Conditions

Date & Time	Wind Speed (m/s)	Wind Direction (°)
24/02/2019 0:00	4.893	86.7
24/02/2019 0:10	4.265	91.2
24/02/2019 0:20	4.325	100.6
24/02/2019 0:30	3.617	102.4
24/02/2019 0:40	3.607	96.5
24/02/2019 0:50	3.748	99.1
24/02/2019 1:00	4.981	98.7
24/02/2019 1:10	6.259	90.7
24/02/2019 1:20	6.058	94.5
24/02/2019 1:30	4.563	100.8
24/02/2019 1:40	4.554	100.9
24/02/2019 1:50	4.932	101.5
24/02/2019 2:00	5.177	100.6
24/02/2019 2:10	5.195	101.3
24/02/2019 2:20	4.801	103.4
24/02/2019 2:30	4.096	104.4
24/02/2019 2:40	3.579	112.2
24/02/2019 2:50	3.993	112.3
24/02/2019 3:00	3.986	112.7
24/02/2019 3:10	3.431	112.6
24/02/2019 3:20	3.476	121
24/02/2019 3:30	3.602	126.9
24/02/2019 3:40	2.533	134.6
24/02/2019 3:50	2.77	139
24/02/2019 4:00	3.142	142.9
24/02/2019 4:10	3.068	143.3
24/02/2019 4:20	3.177	138
24/02/2019 4:30	3.245	139.9
24/02/2019 4:40	3.379	143.1
24/02/2019 4:50	3.642	138.9
24/02/2019 5:00	3.635	137.8
24/02/2019 5:10	2.944	135.9
24/02/2019 5:20	3.185	138.9
24/02/2019 5:30	3.634	137.2
24/02/2019 5:40	3.256	136.2
24/02/2019 5:50	3.648	135.6
24/02/2019 6:00	3.027	136.3
24/02/2019 6:10	3.157	136.4
24/02/2019 6:20	2.7	135.2
24/02/2019 6:30	3.019	135
24/02/2019 6:40	2.834	134.7
24/02/2019 6:50	3.166	128.9
24/02/2019 7:00	3.706	130.2
24/02/2019 7:10	4.049	124.3
24/02/2019 7:20	4.122	117.1
24/02/2019 7:30	4.847	108.9
24/02/2019 7:40	4.712	104

Date & Time	Wind Speed (m/s)	Wind Direction (°)
24/02/2019 7:50	4.409	99.2
24/02/2019 8:00	4.988	90.8
24/02/2019 8:10	5.454	98.1
24/02/2019 8:20	4.415	96.1
24/02/2019 8:30	4.373	67.99
24/02/2019 8:40	5.212	55.04
24/02/2019 8:50	6.093	58.28
24/02/2019 9:00	5.177	57.17
24/02/2019 9:10	5.832	50.05
24/02/2019 9:20	5.101	55.62
24/02/2019 9:30	5.283	56.24
24/02/2019 9:40	5.272	52.44
24/02/2019 9:50	4.94	49.6
24/02/2019 10:00	4.735	60.22
24/02/2019 10:10	5.173	38.16
24/02/2019 10:20	4.718	61.27
24/02/2019 10:30	4.061	42.67
24/02/2019 10:40	3.543	33.59
24/02/2019 10:50	4.655	71.94
24/02/2019 11:00	3.704	51.6
24/02/2019 11:10	2.825	37.28
24/02/2019 11:20	5.164	41.87
24/02/2019 11:30	4.772	35.54
24/02/2019 11:40	3.803	75.18
24/02/2019 11:50	3.118	47.7
24/02/2019 12:00	5.257	53.74
24/02/2019 12:10	5.496	25.86
24/02/2019 12:20	3.233	50.99
24/02/2019 12:30	3.861	56.6
24/02/2019 12:40	4.037	63.78
24/02/2019 12:50	3.673	66.86
24/02/2019 13:00	2.516	64.26
24/02/2019 13:10	6.607	60.1
24/02/2019 13:20	4.236	76.33
24/02/2019 13:30	3.62	77.52
24/02/2019 13:40	5.688	48.05
24/02/2019 13:50	5.51	52.47
24/02/2019 14:00	4.578	65.28
24/02/2019 14:10	4.473	63.61
24/02/2019 14:20	4.933	73.64
24/02/2019 14:30	4.699	89.8
24/02/2019 14:40	4.757	69.02
24/02/2019 14:50	4.307	55.13
24/02/2019 15:00	4.967	49.18
24/02/2019 15:10	5.47	58.04
24/02/2019 15:20	4.948	66.59
24/02/2019 15:30	4.451	63.93

Date & Time	Wind Speed (m/s)	Wind Direction (°)
24/02/2019 15:40	3.668	92.7
24/02/2019 15:50	5.762	56.44
24/02/2019 16:00	4.483	59.22
24/02/2019 16:10	3.509	58.82
24/02/2019 16:20	5.388	74.19
24/02/2019 16:30	5.767	67.62
24/02/2019 16:40	4.788	71.04
24/02/2019 16:50	4.204	46.93
24/02/2019 17:00	4.845	54.23
24/02/2019 17:10	4.761	71.55
24/02/2019 17:20	5.571	51.74
24/02/2019 17:30	5.787	49.07
24/02/2019 17:40	6.426	49.71
24/02/2019 17:50	5.875	52.13
24/02/2019 18:00	5.696	66.96
24/02/2019 18:10	6.124	71.15
24/02/2019 18:20	5.63	62.09
24/02/2019 18:30	5.414	66.16
24/02/2019 18:40	7.127	59.18
24/02/2019 18:50	6.448	60.09
24/02/2019 19:00	4.865	66.21
24/02/2019 19:10	4.05	61.66
24/02/2019 19:20	4.662	61.46
24/02/2019 19:30	4.401	60.7
24/02/2019 19:40	5.047	63.92
24/02/2019 19:50	5.184	64.32
24/02/2019 20:00	6.363	63.42
24/02/2019 20:10	6.077	66.6
24/02/2019 20:20	5.864	63.95
24/02/2019 20:30	5.399	67.13
24/02/2019 20:40	5.719	71.39
24/02/2019 20:50	6.374	64.81
24/02/2019 21:00	6.741	63.63
24/02/2019 21:10	6.046	68.17
24/02/2019 21:20	6.392	65.67
24/02/2019 21:30	6.161	68.32
24/02/2019 21:40	6.509	64.85
24/02/2019 21:50	6.722	63.99
24/02/2019 22:00	7.528	61.83
24/02/2019 22:10	6.717	61.15
24/02/2019 22:20	5.765	58.64
24/02/2019 22:30	7.135	58.28
24/02/2019 22:40	6.495	56.38
24/02/2019 22:50	5.581	61.16
24/02/2019 23:00	5.996	57.16
24/02/2019 23:10	6.032	51.52
24/02/2019 23:20	5.527	61.96
24/02/2019 23:30	5.853	62.88
24/02/2019 23:40	4.926	60.91
24/02/2019 23:50	6.845	65.49

Date & Time	Wind Speed (m/s)	Wind Direction (°)
25/02/2019 0:00	5.925	64.04
25/02/2019 0:10	5.512	65.67
25/02/2019 0:20	5.721	68.38
25/02/2019 0:30	5.123	62.54
25/02/2019 0:40	3.556	56.21
25/02/2019 0:50	3.532	56.64
25/02/2019 1:00	3.223	60.48
25/02/2019 1:10	2.909	56.67
25/02/2019 1:20	2.309	57.35
25/02/2019 1:30	1.727	53.54
25/02/2019 1:40	0.468	58.98
25/02/2019 1:50	0.439	80.1
25/02/2019 2:00	1.149	85.1
25/02/2019 2:10	1.447	71.44
25/02/2019 2:20	1.05	65.09
25/02/2019 2:30	0	0
25/02/2019 2:40	0.938	45.19
25/02/2019 2:50	2.782	54.32
25/02/2019 3:00	3.32	68.25
25/02/2019 3:10	3.257	71.28
25/02/2019 3:20	3.517	69.98
25/02/2019 3:30	2.678	68.87
25/02/2019 3:40	1.831	74.77
25/02/2019 3:50	2.967	63.79
25/02/2019 4:00	2.917	55.81
25/02/2019 4:10	3.832	54.89
25/02/2019 4:20	2.76	59.31
25/02/2019 4:30	0.123	55.95
25/02/2019 4:40	0.466	130.4
25/02/2019 4:50	1.873	108.4
25/02/2019 5:00	1.959	105.1
25/02/2019 5:10	0.986	115.6
25/02/2019 5:20	0.954	174.6
25/02/2019 5:30	2.066	156.2
25/02/2019 5:40	2.153	137.3
25/02/2019 5:50	0.762	138.2
25/02/2019 6:00	1.226	151.2
25/02/2019 6:10	1.731	142.2
25/02/2019 6:20	1.558	139
25/02/2019 6:30	1.48	147.9
25/02/2019 6:40	1.813	148.5
25/02/2019 6:50	2.337	142.6
25/02/2019 7:00	2.096	144.9
25/02/2019 7:10	2.286	148.9
25/02/2019 7:20	2.405	145.2
25/02/2019 7:30	2.222	129.9
25/02/2019 7:40	2.066	134.2
25/02/2019 7:50	1.157	122.4
25/02/2019 8:00	1.666	57.34
25/02/2019 8:10	2.305	58.02

Date & Time	Wind Speed (m/s)	Wind Direction (°)
25/02/2019 8:20	2.356	51.23
25/02/2019 8:30	4.008	12.62
25/02/2019 8:40	3.013	30.11
25/02/2019 8:50	2.838	52.26
25/02/2019 9:00	3.64	49.95
25/02/2019 9:10	5.019	35.67
25/02/2019 9:20	4.12	34.79
25/02/2019 9:30	2.937	39.84
25/02/2019 9:40	4.838	25.11
25/02/2019 9:50	4.613	26.58
25/02/2019 10:00	3.207	9.48
25/02/2019 10:10	5.035	36.21
25/02/2019 10:20	4.991	54.63
25/02/2019 10:30	4.531	29.56
25/02/2019 10:40	4.627	32.13
25/02/2019 10:50	4.071	39.47
25/02/2019 11:00	4.297	48.58
25/02/2019 11:10	4.339	46.5
25/02/2019 11:20	3.838	42.2
25/02/2019 11:30	3.549	6.596
25/02/2019 11:40	2.963	6.007
25/02/2019 11:50	4.686	18.21
25/02/2019 12:00	3.989	2.683
25/02/2019 12:10	4.329	28.56
25/02/2019 12:20	3.834	29.71
25/02/2019 12:30	1.768	34.36
25/02/2019 12:40	2.838	51.16
25/02/2019 12:50	3.161	39.65
25/02/2019 13:00	1.618	58.5
25/02/2019 13:10	2.826	359.8
25/02/2019 13:20	2.026	331
25/02/2019 13:30	2.573	340.3
25/02/2019 13:40	2.527	11.6
25/02/2019 13:50	1.786	256.3
25/02/2019 14:00	2.257	8.8
25/02/2019 14:10	3.25	96.7
25/02/2019 14:20	1.839	31.6
25/02/2019 14:30	0.946	36.56
25/02/2019 14:40	1.778	60.94
25/02/2019 14:50	2.653	38.49
25/02/2019 15:00	1.861	54.39
25/02/2019 15:10	2.114	246.9
25/02/2019 15:20	1.707	347.4
25/02/2019 15:30	3.787	61.23
25/02/2019 15:40	2.958	17.99
25/02/2019 15:50	1.207	298.8
25/02/2019 16:00	4.037	55.44
25/02/2019 16:10	3.044	30.02
25/02/2019 16:20	1.467	39.23
25/02/2019 16:30	2.018	55.13

Date & Time	Wind Speed (m/s)	Wind Direction (°)
25/02/2019 16:40	2.207	68.25
25/02/2019 16:50	1.13	132.5
25/02/2019 17:00	1.52	121.4
25/02/2019 17:10	1.145	155.1
25/02/2019 17:20	2.158	153.6
25/02/2019 17:30	1.309	148.8
25/02/2019 17:40	2.952	44.22
25/02/2019 17:50	2.456	51.5
25/02/2019 18:00	2.765	28.46
25/02/2019 18:10	3.206	37.79
25/02/2019 18:20	2.317	26.5
25/02/2019 18:30	2.53	21.75
25/02/2019 18:40	2.262	4.788
25/02/2019 18:50	2.008	35.44
25/02/2019 19:00	1.724	1.762
25/02/2019 19:10	1.467	347.9
25/02/2019 19:20	0.321	343.8
25/02/2019 19:30	1.241	176.2
25/02/2019 19:40	0.809	152.8
25/02/2019 19:50	1.392	132.9
25/02/2019 20:00	0.856	136.6
25/02/2019 20:10	2.196	354.2
25/02/2019 20:20	3.093	350.4
25/02/2019 20:30	2.985	337
25/02/2019 20:40	2.756	332.9
25/02/2019 20:50	2.516	344.2
25/02/2019 21:00	2.828	358.2
25/02/2019 21:10	3.237	6.245
25/02/2019 21:20	2.875	7.847
25/02/2019 21:30	2.541	10.02
25/02/2019 21:40	2.658	3.917
25/02/2019 21:50	2.849	3.533
25/02/2019 22:00	2.941	10.19
25/02/2019 22:10	3.223	9.89
25/02/2019 22:20	3.088	20.08
25/02/2019 22:30	2.769	23.56
25/02/2019 22:40	2.602	35.47
25/02/2019 22:50	2.773	46.14
25/02/2019 23:00	3.457	48.82
25/02/2019 23:10	4.295	49.03
25/02/2019 23:20	4.863	42.39
25/02/2019 23:30	4.182	44.15
25/02/2019 23:40	2.948	46.36
25/02/2019 23:50	3.837	49.86
26/02/2019 0:00	4.517	45.44
26/02/2019 0:10	3.855	43.82
26/02/2019 0:20	3.75	44.39
26/02/2019 0:30	3.731	44.72
26/02/2019 0:40	3.945	43.64
26/02/2019 0:50	4.286	46.89

Date & Time	Wind Speed (m/s)	Wind Direction (°)
26/02/2019 1:00	4.543	50.13
26/02/2019 1:10	4.573	49.04
26/02/2019 1:20	4.621	51.87
26/02/2019 1:30	4.565	46.68
26/02/2019 1:40	4.785	40.58
26/02/2019 1:50	5.055	38.73
26/02/2019 2:00	4.352	44.06
26/02/2019 2:10	4.707	46.09
26/02/2019 2:20	3.961	40.61
26/02/2019 2:30	3.202	32.11
26/02/2019 2:40	3.1	27.37
26/02/2019 2:50	3.73	32.04
26/02/2019 3:00	4.059	41.92
26/02/2019 3:10	3.958	38.02
26/02/2019 3:20	3.122	31.29
26/02/2019 3:30	3.201	29.72
26/02/2019 3:40	2.828	30.03
26/02/2019 3:50	2.143	19.46
26/02/2019 4:00	1.473	26.8
26/02/2019 4:10	0.143	16.19
26/02/2019 4:20	0.936	35.04
26/02/2019 4:30	1.424	44.66
26/02/2019 4:40	0.597	47.9
26/02/2019 4:50	1.328	42.46
26/02/2019 5:00	1.826	32.68
26/02/2019 5:10	1.516	31.29
26/02/2019 5:20	3.195	42.38
26/02/2019 5:30	3.067	43.66
26/02/2019 5:40	3.214	43.28
26/02/2019 5:50	3.006	47.02
26/02/2019 6:00	2.799	42.58
26/02/2019 6:10	3.276	41.67
26/02/2019 6:20	3.056	50.5
26/02/2019 6:30	3.619	46.36
26/02/2019 6:40	3.405	30.82
26/02/2019 6:50	2.931	24.91
26/02/2019 7:00	3.539	22.49
26/02/2019 7:10	3.917	25.06
26/02/2019 7:20	3.842	23.29
26/02/2019 7:30	4.252	14.92
26/02/2019 7:40	3.713	17.51
26/02/2019 7:50	3.83	20.21
26/02/2019 8:00	4.103	16.67
26/02/2019 8:10	4.09	20.24
26/02/2019 8:20	3.985	21.6
26/02/2019 8:30	4.246	35.66
26/02/2019 8:40	4.234	24.99
26/02/2019 8:50	4.588	16.36
26/02/2019 9:00	3.888	15.45
26/02/2019 9:10	3.904	15.01

Date & Time	Wind Speed (m/s)	Wind Direction (°)
26/02/2019 9:20	4.275	351.3
26/02/2019 9:30	4.342	347.6
26/02/2019 9:40	4.69	345.3
26/02/2019 9:50	5.219	319
26/02/2019 10:00	4.901	330.7
26/02/2019 10:10	4.975	332.5
26/02/2019 10:20	4.304	323.6
26/02/2019 10:30	4.2	321.3
26/02/2019 10:40	3.664	310.3
26/02/2019 10:50	2.875	341.7
26/02/2019 11:00	2.805	321.5
26/02/2019 11:10	3.55	350.5
26/02/2019 11:20	3.688	349.9
26/02/2019 11:30	2.743	4.671
26/02/2019 11:40	3.042	320.8
26/02/2019 11:50	0.739	341.6
26/02/2019 12:00	2.657	313.3
26/02/2019 12:10	2.053	309.4
26/02/2019 12:20	3.544	320.2
26/02/2019 12:30	2.88	281.4
26/02/2019 12:40	1.946	244.7
26/02/2019 12:50	2.223	304.1
26/02/2019 13:00	1.626	343.3
26/02/2019 13:10	1.909	344.1
26/02/2019 13:20	2.329	318.1
26/02/2019 13:30	2.429	1.93
26/02/2019 13:40	1.639	26.4
26/02/2019 13:50	1.67	126.4
26/02/2019 14:00	0.978	40.68
26/02/2019 14:10	1.528	9.17
26/02/2019 14:20	1.212	179.9
26/02/2019 14:30	0.886	124.6
26/02/2019 14:40	1.318	153.7
26/02/2019 14:50	1.708	90
26/02/2019 15:00	1.021	96.9
26/02/2019 15:10	1.451	67.3
26/02/2019 15:20	1.49	29.55
26/02/2019 15:30	1.76	40.33
26/02/2019 15:40	1.23	37.06
26/02/2019 15:50	3.146	191.7
26/02/2019 16:00	3.374	208.6
26/02/2019 16:10	2.284	268.6
26/02/2019 16:20	1.246	348.9
26/02/2019 16:30	1.293	259.9
26/02/2019 16:40	1.649	218.8
26/02/2019 16:50	1.426	178.6
26/02/2019 17:00	2.789	203.8
26/02/2019 17:10	4.245	178.8
26/02/2019 17:20	4.342	177.6
26/02/2019 17:30	3.613	190.6

Date & Time	Wind Speed (m/s)	Wind Direction (°)
26/02/2019 17:40	3.637	167.6
26/02/2019 17:50	3.331	165.5
26/02/2019 18:00	3.097	173.3
26/02/2019 18:10	2.86	178.9
26/02/2019 18:20	2.69	180.5
26/02/2019 18:30	2.357	178.2
26/02/2019 18:40	2.448	166
26/02/2019 18:50	2.006	171.3
26/02/2019 19:00	1.913	174.1
26/02/2019 19:10	2.404	188
26/02/2019 19:20	2.794	184.6
26/02/2019 19:30	2.498	176.5
26/02/2019 19:40	2.778	172.1
26/02/2019 19:50	2.961	174.5
26/02/2019 20:00	3.325	170.1
26/02/2019 20:10	2.799	167.8
26/02/2019 20:20	2.17	163.3
26/02/2019 20:30	0.3	147.1
26/02/2019 20:40	1.448	23.37
26/02/2019 20:50	1.024	12.57
26/02/2019 21:00	0	0
26/02/2019 21:10	0	0
26/02/2019 21:20	0	0
26/02/2019 21:30	0.02	185.7
26/02/2019 21:40	0	0
26/02/2019 21:50	0	0
26/02/2019 22:00	0	0
26/02/2019 22:10	0	0
26/02/2019 22:20	0	0
26/02/2019 22:30	0.708	29.45
26/02/2019 22:40	0	0
26/02/2019 22:50	0	0
26/02/2019 23:00	0	0
26/02/2019 23:10	0	0
26/02/2019 23:20	0	0
26/02/2019 23:30	1.068	103.4
26/02/2019 23:40	0.577	113.5
26/02/2019 23:50	0	0
27/02/2019 0:00	0	0
27/02/2019 0:10	0	0
27/02/2019 0:20	0	0
27/02/2019 0:30	0	0
27/02/2019 0:40	0	0
27/02/2019 0:50	0	0
27/02/2019 1:00	0	0
27/02/2019 1:10	0.047	104.1
27/02/2019 1:20	0.689	104.4
27/02/2019 1:30	0	0
27/02/2019 1:40	0	0
27/02/2019 1:50	0	0

Date & Time	Wind Speed (m/s)	Wind Direction (°)
27/02/2019 2:00	0	0
27/02/2019 2:10	0	0
27/02/2019 2:20	0	0
27/02/2019 2:30	0	0
27/02/2019 2:40	0	0
27/02/2019 2:50	0	0
27/02/2019 3:00	0	0
27/02/2019 3:10	0.001	154.2
27/02/2019 3:20	0.022	156.1
27/02/2019 3:30	0	0
27/02/2019 3:40	0	0
27/02/2019 3:50	0	0
27/02/2019 4:00	0	0
27/02/2019 4:10	0	0
27/02/2019 4:20	0.77	153.2
27/02/2019 4:30	1.685	151.2
27/02/2019 4:40	1.442	150.6
27/02/2019 4:50	0.475	153.8
27/02/2019 5:00	0	0
27/02/2019 5:10	0	0
27/02/2019 5:20	0	0
27/02/2019 5:30	0	0
27/02/2019 5:40	0	0
27/02/2019 5:50	0	0
27/02/2019 6:00	0	0
27/02/2019 6:10	0	0
27/02/2019 6:20	0	0
27/02/2019 6:30	0	0
27/02/2019 6:40	0	0
27/02/2019 6:50	0	0
27/02/2019 7:00	0	0
27/02/2019 7:10	0	0
27/02/2019 7:20	0	0
27/02/2019 7:30	0.162	89.3
27/02/2019 7:40	1.306	93.3
27/02/2019 7:50	2.744	68.34
27/02/2019 8:00	3.026	58.04
27/02/2019 8:10	2.629	50.21
27/02/2019 8:20	3.315	45.63
27/02/2019 8:30	3.649	41.29
27/02/2019 8:40	5.488	44.76
27/02/2019 8:50	4.878	25.89
27/02/2019 9:00	4.554	31.43
27/02/2019 9:10	3.939	36.26
27/02/2019 9:20	2.616	40.36
27/02/2019 9:30	3.11	41.15
27/02/2019 9:40	4.408	38.7
27/02/2019 9:50	3.283	38.53
27/02/2019 10:00	4.789	49.77
27/02/2019 10:10	6.71	55.29

Date & Time	Wind Speed (m/s)	Wind Direction (°)
27/02/2019 10:20	6.212	66.14
27/02/2019 10:30	6.104	55.06
27/02/2019 10:40	7.15	42.56
27/02/2019 10:50	7.2	47.01
27/02/2019 11:00	7.871	26.97
27/02/2019 11:10	6.812	39.43
27/02/2019 11:20	5.909	46.2
27/02/2019 11:30	6.295	42.04
27/02/2019 11:40	5.654	45.55
27/02/2019 11:50	5.637	27.17
27/02/2019 12:00	5.888	27.42
27/02/2019 12:10	5.912	12.94
27/02/2019 12:20	4.981	40.72
27/02/2019 12:30	6.024	14.28
27/02/2019 12:40	4.615	17.63
27/02/2019 12:50	5.11	21.92
27/02/2019 13:00	5.229	31.62
27/02/2019 13:10	5.357	28.3
27/02/2019 13:20	5.834	30.19
27/02/2019 13:30	4.414	37.1
27/02/2019 13:40	4.6	11.05
27/02/2019 13:50	4.379	33.42
27/02/2019 14:00	4.477	24.09
27/02/2019 14:10	5.141	31.98
27/02/2019 14:20	6.018	29.76
27/02/2019 14:30	6.277	38.78
27/02/2019 14:40	6.551	27.49
27/02/2019 14:50	6.229	34.03
27/02/2019 15:00	6.664	45.17
27/02/2019 15:10	5.953	54.21
27/02/2019 15:20	5.798	62.21
27/02/2019 15:30	5.006	38.6
27/02/2019 15:40	4.203	58.16
27/02/2019 15:50	3.575	49.13
27/02/2019 16:00	4.56	62.91
27/02/2019 16:10	3.543	29.31
27/02/2019 16:20	6.281	35.33
27/02/2019 16:30	6.686	32.02
27/02/2019 16:40	7.611	29.06
27/02/2019 16:50	7.863	27.95
27/02/2019 17:00	7.346	35.3
27/02/2019 17:10	7.26	42.53
27/02/2019 17:20	7.559	40.64
27/02/2019 17:30	7.408	38.27
27/02/2019 17:40	7.546	40.26
27/02/2019 17:50	7.425	50.26
27/02/2019 18:00	7.724	36.72
27/02/2019 18:10	7.904	37.75
27/02/2019 18:20	7.75	44.23
27/02/2019 18:30	6.988	47.54

Date & Time	Wind Speed (m/s)	Wind Direction (°)
27/02/2019 18:40	6.61	50.93
27/02/2019 18:50	6.311	48.35
27/02/2019 19:00	7.152	49.59
27/02/2019 19:10	6.713	53.96
27/02/2019 19:20	6.881	56.39
27/02/2019 19:30	6.293	55.14
27/02/2019 19:40	5.72	47.76
27/02/2019 19:50	5.234	47.3
27/02/2019 20:00	6.466	48.13
27/02/2019 20:10	7.25	48.11
27/02/2019 20:20	5.826	51.82
27/02/2019 20:30	4.045	58.78
27/02/2019 20:40	4.71	55.21
27/02/2019 20:50	5.155	55.84
27/02/2019 21:00	5.166	57.29
27/02/2019 21:10	5.142	54.55
27/02/2019 21:20	4.939	52.21
27/02/2019 21:30	4.569	50.04
27/02/2019 21:40	5.12	50.44
27/02/2019 21:50	5.437	47.48
27/02/2019 22:00	5.009	44.36
27/02/2019 22:10	4.345	44.21
27/02/2019 22:20	3.64	42.67
27/02/2019 22:30	4.514	42.23
27/02/2019 22:40	4.687	40.47
27/02/2019 22:50	4.333	41.09
27/02/2019 23:00	3.477	46.71
27/02/2019 23:10	3.603	50.39
27/02/2019 23:20	3.593	61.62
27/02/2019 23:30	4.213	61.22
27/02/2019 23:40	4.235	59.46
27/02/2019 23:50	4.461	52.72
28/02/2019 0:00	4.059	52.46
28/02/2019 0:10	4.48	47.61
28/02/2019 0:20	4.342	37.63
28/02/2019 0:30	4.444	47.19
28/02/2019 0:40	5.415	50.41
28/02/2019 0:50	6.218	48.45
28/02/2019 1:00	5.492	44.7
28/02/2019 1:10	4.388	44.22
28/02/2019 1:20	4	52.96
28/02/2019 1:30	5.199	60.33
28/02/2019 1:40	5.843	58.88
28/02/2019 1:50	5.4	59.8
28/02/2019 2:00	5.59	57.89
28/02/2019 2:10	4.157	61.62
28/02/2019 2:20	4.545	57.49
28/02/2019 2:30	3.73	64.34
28/02/2019 2:40	3.55	62.18
28/02/2019 2:50	4.432	61.65

Date & Time	Wind Speed (m/s)	Wind Direction (°)
28/02/2019 3:00	3.66	63.65
28/02/2019 3:10	3.535	50.04
28/02/2019 3:20	3.232	40.39
28/02/2019 3:30	1.755	27.99
28/02/2019 3:40	0.038	37.66
28/02/2019 3:50	1.229	38.3
28/02/2019 4:00	2.04	30.24
28/02/2019 4:10	2.591	29.48
28/02/2019 4:20	3.273	36.99
28/02/2019 4:30	3.947	44.43
28/02/2019 4:40	4.242	48.08
28/02/2019 4:50	3.709	48.7
28/02/2019 5:00	3.598	46.99
28/02/2019 5:10	3.575	51.88
28/02/2019 5:20	3.671	50.99
28/02/2019 5:30	2.905	48.66
28/02/2019 5:40	1.973	38.75
28/02/2019 5:50	0.85	37.68
28/02/2019 6:00	0.853	39.25
28/02/2019 6:10	1.661	48.32
28/02/2019 6:20	0.954	38.35
28/02/2019 6:30	0.068	32.66
28/02/2019 6:40	0.443	36.19
28/02/2019 6:50	0	0
28/02/2019 7:00	0.612	53.18
28/02/2019 7:10	1.323	44.73
28/02/2019 7:20	4.249	44.2
28/02/2019 7:30	5.251	37.68
28/02/2019 7:40	4.097	31.08
28/02/2019 7:50	3.709	19.68
28/02/2019 8:00	3.555	25.6
28/02/2019 8:10	4.213	31.85
28/02/2019 8:20	5.866	31.18
28/02/2019 8:30	7.018	25.44
28/02/2019 8:40	6.772	26.06
28/02/2019 8:50	6.434	30.27
28/02/2019 9:00	6.103	31.1
28/02/2019 9:10	5.439	29.75
28/02/2019 9:20	5.219	31.07
28/02/2019 9:30	6.128	18.56
28/02/2019 9:40	4.982	31.16
28/02/2019 9:50	4.631	4.802
28/02/2019 10:00	3.828	357.9
28/02/2019 10:10	3.629	17.23
28/02/2019 10:20	4.109	6.511
28/02/2019 10:30	4.385	7.243
28/02/2019 10:40	3.54	5.137
28/02/2019 10:50	2.335	351.1
28/02/2019 11:00	3.619	23.64
28/02/2019 11:10	3.737	19

Date & Time	Wind Speed (m/s)	Wind Direction (°)
28/02/2019 11:20	5.02	8.58
28/02/2019 11:30	5.164	33.9
28/02/2019 11:40	4.253	33.44
28/02/2019 11:50	5.278	24.83
28/02/2019 12:00	4.965	337.8
28/02/2019 12:10	4.829	346.2
28/02/2019 12:20	3.311	339.7
28/02/2019 12:30	3.336	339.5
28/02/2019 12:40	4.038	341.1
28/02/2019 12:50	4.746	317.2
28/02/2019 13:00	2.98	3.646
28/02/2019 13:10	2.613	346.7
28/02/2019 13:20	2.016	339
28/02/2019 13:30	4.948	346.5
28/02/2019 13:40	3.707	313.8
28/02/2019 13:50	3.609	347.3
28/02/2019 14:00	3.366	35.01
28/02/2019 14:10	2.526	8.33
28/02/2019 14:20	2.313	22.95
28/02/2019 14:30	3.854	19.96
28/02/2019 14:40	5.398	19.34
28/02/2019 14:50	4.902	12.64
28/02/2019 15:00	4.412	23.55
28/02/2019 15:10	4.831	359.9
28/02/2019 15:20	5.118	7.456
28/02/2019 15:30	5.079	14.99
28/02/2019 15:40	4.887	26.18
28/02/2019 15:50	4.334	16
28/02/2019 16:00	4.165	18.27
28/02/2019 16:10	3.697	10.55
28/02/2019 16:20	4.364	359.8
28/02/2019 16:30	4.084	349.9
28/02/2019 16:40	3.691	10.97
28/02/2019 16:50	4.045	351
28/02/2019 17:00	1.998	351.7
28/02/2019 17:10	3.041	30.26
28/02/2019 17:20	2.981	26.7
28/02/2019 17:30	2.627	58.8
28/02/2019 17:40	2.792	75.6
28/02/2019 17:50	1.99	79.88
28/02/2019 18:00	2.224	88.4
28/02/2019 18:10	1.743	84.4
28/02/2019 18:20	2.272	81.1
28/02/2019 18:30	2.068	83.6
28/02/2019 18:40	1.162	91.3
28/02/2019 18:50	1.56	89.4
28/02/2019 19:00	2.29	79.15
28/02/2019 19:10	1.742	99.5
28/02/2019 19:20	1.409	112.9
28/02/2019 19:30	1.036	134.6

Date & Time	Wind Speed (m/s)	Wind Direction (°)
28/02/2019 19:40	0.936	137.7
28/02/2019 19:50	1.035	141
28/02/2019 20:00	1.481	146.1
28/02/2019 20:10	1.554	142.3
28/02/2019 20:20	1.111	156.9
28/02/2019 20:30	1.153	148.5
28/02/2019 20:40	1.22	149.7
28/02/2019 20:50	1.465	143.6
28/02/2019 21:00	0.848	136.3
28/02/2019 21:10	0.335	346
28/02/2019 21:20	0.667	297.9
28/02/2019 21:30	0.765	270.3
28/02/2019 21:40	0	0
28/02/2019 21:50	1.285	47.59
28/02/2019 22:00	0.186	38.94
28/02/2019 22:10	0	0
28/02/2019 22:20	0.023	66.02
28/02/2019 22:30	0.002	63.92
28/02/2019 22:40	0.817	101.4
28/02/2019 22:50	1.017	120.5
28/02/2019 23:00	0.67	114.6
28/02/2019 23:10	0.075	103.8
28/02/2019 23:20	0	0
28/02/2019 23:30	0	0
28/02/2019 23:40	0	0
28/02/2019 23:50	0.171	137.3
01/03/2019 0:00	1.616	151.1
01/03/2019 0:10	2.018	151.9
01/03/2019 0:20	0.855	152.6
01/03/2019 0:30	2.099	163
01/03/2019 0:40	2.202	158.2
01/03/2019 0:50	1.921	147.5
01/03/2019 1:00	0.428	138.3
01/03/2019 1:10	0	0
01/03/2019 1:20	0	0
01/03/2019 1:30	0	0
01/03/2019 1:40	0	0
01/03/2019 1:50	0	0
01/03/2019 2:00	0.592	78.35
01/03/2019 2:10	0.021	78.25
01/03/2019 2:20	0	0
01/03/2019 2:30	0	0
01/03/2019 2:40	0.66	51.34
01/03/2019 2:50	2.581	51.24
01/03/2019 3:00	3.625	45.07
01/03/2019 3:10	3.757	45.8
01/03/2019 3:20	3.576	44.44
01/03/2019 3:30	3.362	37.37
01/03/2019 3:40	3.064	34.54
01/03/2019 3:50	2.853	34.92

Date & Time	Wind Speed (m/s)	Wind Direction (°)
01/03/2019 4:00	3.158	32.74
01/03/2019 4:10	3.43	34.73
01/03/2019 4:20	3.213	36.45
01/03/2019 4:30	2.949	32.75
01/03/2019 4:40	2.738	26.3
01/03/2019 4:50	2.896	29.15
01/03/2019 5:00	2.716	33.06
01/03/2019 5:10	2.978	36.82
01/03/2019 5:20	2.975	33.04
01/03/2019 5:30	3.227	32.52
01/03/2019 5:40	3.439	32.03
01/03/2019 5:50	3.674	36.4
01/03/2019 6:00	4.085	36.22
01/03/2019 6:10	3.131	34.86
01/03/2019 6:20	3.412	35.94
01/03/2019 6:30	3.139	35.7
01/03/2019 6:40	2.942	28.76
01/03/2019 6:50	2.967	20.8
01/03/2019 7:00	3.837	34.31
01/03/2019 7:10	5.637	43.37
01/03/2019 7:20	5.389	45.18
01/03/2019 7:30	4.712	42.64
01/03/2019 7:40	5.216	41.04
01/03/2019 7:50	6.045	41.26
01/03/2019 8:00	6.888	30.53
01/03/2019 8:10	7.102	35.13
01/03/2019 8:20	6.737	32.83
01/03/2019 8:30	6.289	31.53
01/03/2019 8:40	6.668	31.44
01/03/2019 8:50	7.107	26.27
01/03/2019 9:00	6.792	29.28
01/03/2019 9:10	5.947	30.2
01/03/2019 9:20	5.823	18.51
01/03/2019 9:30	6.449	355.7
01/03/2019 9:40	6.894	349.7
01/03/2019 9:50	5.911	10.92
01/03/2019 10:00	5.872	11.38
01/03/2019 10:10	5.027	11.31
01/03/2019 10:20	5.251	348.5
01/03/2019 10:30	5.031	9.1
01/03/2019 10:40	5.135	5.964
01/03/2019 10:50	4.813	358.4
01/03/2019 11:00	4.867	1.582
01/03/2019 11:10	4.331	350.3
01/03/2019 11:20	4.87	342.9
01/03/2019 11:30	4.513	349.7
01/03/2019 11:40	4.368	359.6
01/03/2019 11:50	3.053	7.612
01/03/2019 12:00	4.713	6.125
01/03/2019 12:10	3.374	339.6

Date & Time	Wind Speed (m/s)	Wind Direction (°)
01/03/2019 12:20	2.915	346.6
01/03/2019 12:30	2.97	355.5
01/03/2019 12:40	5.1	332.2
01/03/2019 12:50	4.395	19.59
01/03/2019 13:00	1.723	355.9
01/03/2019 13:10	1.909	59.96
01/03/2019 13:20	2.533	343.8
01/03/2019 13:30	3.162	31.01
01/03/2019 13:40	2.808	330.2
01/03/2019 13:50	1.372	289.3
01/03/2019 14:00	2.238	281.1
01/03/2019 14:10	3.018	332.7
01/03/2019 14:20	1.424	5.421
01/03/2019 14:30	1.931	50.58
01/03/2019 14:40	2.382	16.76
01/03/2019 14:50	3.859	49.67
01/03/2019 15:00	4.457	69.47
01/03/2019 15:10	2.325	55.49
01/03/2019 15:20	4.68	32.21
01/03/2019 15:30	3.362	5.693
01/03/2019 15:40	5.885	46.71
01/03/2019 15:50	3.843	34.23
01/03/2019 16:00	4.6	38.79
01/03/2019 16:10	5.718	44.32
01/03/2019 16:20	3.926	30.9
01/03/2019 16:30	5.377	43.1
01/03/2019 16:40	4.782	51.45
01/03/2019 16:50	3.157	52.18
01/03/2019 17:00	6.093	29.32
01/03/2019 17:10	5.192	56.93
01/03/2019 17:20	5.083	38.32
01/03/2019 17:30	4.267	41.48
01/03/2019 17:40	5.2	29.73
01/03/2019 17:50	5.408	33.91
01/03/2019 18:00	7.57	42.01
01/03/2019 18:10	7.059	33.87
01/03/2019 18:20	7.068	36.66
01/03/2019 18:30	5.957	42.79
01/03/2019 18:40	5.31	41.06
01/03/2019 18:50	5.223	47.77
01/03/2019 19:00	4.55	46.78
01/03/2019 19:10	4.013	47.74
01/03/2019 19:20	3.612	47.86
01/03/2019 19:30	3.542	46.53
01/03/2019 19:40	3.474	39.77
01/03/2019 19:50	3.281	33.62
01/03/2019 20:00	3.605	27.1
01/03/2019 20:10	3.712	27.86
01/03/2019 20:20	3.196	23.73
01/03/2019 20:30	2.978	21.04

Date & Time	Wind Speed (m/s)	Wind Direction (°)
01/03/2019 20:40	2.972	23.8
01/03/2019 20:50	2.493	30.48
01/03/2019 21:00	2.18	40.08
01/03/2019 21:10	2.196	50.07
01/03/2019 21:20	2.108	60.91
01/03/2019 21:30	3.025	67.23
01/03/2019 21:40	3.053	70.76
01/03/2019 21:50	3.715	62.25
01/03/2019 22:00	4.253	60.18
01/03/2019 22:10	3.857	53.47
01/03/2019 22:20	3.908	52.65
01/03/2019 22:30	5.414	54.89
01/03/2019 22:40	6.32	54.11
01/03/2019 22:50	6.528	54
01/03/2019 23:00	7.219	57.13
01/03/2019 23:10	6.19	57.08
01/03/2019 23:20	6.831	54.42
01/03/2019 23:30	6.768	56.51
01/03/2019 23:40	6.613	53.11
01/03/2019 23:50	6.811	52.93
02/03/2019 0:00	6.958	51.96
02/03/2019 0:10	6.415	51.83
02/03/2019 0:20	6.131	53.36
02/03/2019 0:30	6.214	53.12
02/03/2019 0:40	5.843	49.93
02/03/2019 0:50	6.421	52.56
02/03/2019 1:00	6.407	50.55
02/03/2019 1:10	6.108	48.41
02/03/2019 1:20	5.852	49.39
02/03/2019 1:30	6.211	46.33
02/03/2019 1:40	5.577	44.51
02/03/2019 1:50	5.704	42.29
02/03/2019 2:00	6.046	43.06
02/03/2019 2:10	5.772	41.52
02/03/2019 2:20	5.751	38.57
02/03/2019 2:30	5.145	39.91
02/03/2019 2:40	4.988	44.75
02/03/2019 2:50	4.591	40.53
02/03/2019 3:00	4.995	35.95
02/03/2019 3:10	5.177	36.62
02/03/2019 3:20	4.99	40.49
02/03/2019 3:30	4.435	38.68
02/03/2019 3:40	4.48	41.44
02/03/2019 3:50	4.268	40.74
02/03/2019 4:00	4.284	41.41
02/03/2019 4:10	4.685	43.16
02/03/2019 4:20	3.781	43.35
02/03/2019 4:30	4.265	39.67
02/03/2019 4:40	3.95	32.73
02/03/2019 4:50	3.836	24.82

Date & Time	Wind Speed (m/s)	Wind Direction (°)
02/03/2019 5:00	4.56	23.34
02/03/2019 5:10	4.461	27.27
02/03/2019 5:20	5.075	30.02
02/03/2019 5:30	4.261	33.27
02/03/2019 5:40	4.416	33.67
02/03/2019 5:50	4.258	33.85
02/03/2019 6:00	4.23	37.67
02/03/2019 6:10	3.618	41.41
02/03/2019 6:20	3.599	42.49
02/03/2019 6:30	3.985	40.12
02/03/2019 6:40	4.391	33.36
02/03/2019 6:50	4.926	29.42
02/03/2019 7:00	6.015	29.67
02/03/2019 7:10	7.345	32.69
02/03/2019 7:20	8.09	30.64
02/03/2019 7:30	7.523	36.34
02/03/2019 7:40	7.287	35.63
02/03/2019 7:50	7.253	35.99
02/03/2019 8:00	6.881	34.19
02/03/2019 8:10	6.874	30.74
02/03/2019 8:20	7.314	23.92
02/03/2019 8:30	7.799	15.91
02/03/2019 8:40	7	12.39
02/03/2019 8:50	6.677	15.34
02/03/2019 9:00	7.221	17.91
02/03/2019 9:10	6.68	9.88
02/03/2019 9:20	6.728	17.43
02/03/2019 9:30	7.748	3.536
02/03/2019 9:40	7.34	356
02/03/2019 9:50	7.542	9.05
02/03/2019 10:00	6.384	7.345
02/03/2019 10:10	6.025	14.05
02/03/2019 10:20	4.583	20.91
02/03/2019 10:30	5.86	4.222
02/03/2019 10:40	5.064	342.3
02/03/2019 10:50	5.542	5.471
02/03/2019 11:00	7.184	349.7
02/03/2019 11:10	5.996	347
02/03/2019 11:20	5.177	346.5
02/03/2019 11:30	4.326	1.654
02/03/2019 11:40	6.387	348
02/03/2019 11:50	5.906	344.3
02/03/2019 12:00	4.208	348.9
02/03/2019 12:10	3.031	345.5
02/03/2019 12:20	4.201	321.4
02/03/2019 12:30	3.534	359.8
02/03/2019 12:40	4.532	354.5
02/03/2019 12:50	5.442	356.5
02/03/2019 13:00	4.344	14.14
02/03/2019 13:10	3.409	8.56

Date & Time	Wind Speed (m/s)	Wind Direction (°)
02/03/2019 13:20	2.416	358.2
02/03/2019 13:30	3.317	14.85
02/03/2019 13:40	4.318	351.1
02/03/2019 13:50	3.32	31.13
02/03/2019 14:00	3.308	14.46
02/03/2019 14:10	3.775	37.89
02/03/2019 14:20	5.009	18.46
02/03/2019 14:30	2.879	24.81
02/03/2019 14:40	3.048	67.39
02/03/2019 14:50	1.405	70.25
02/03/2019 15:00	3.366	36.78
02/03/2019 15:10	2.452	64.53
02/03/2019 15:20	3.998	85
02/03/2019 15:30	4.598	77.42
02/03/2019 15:40	4.421	78.05
02/03/2019 15:50	3.247	74.29
02/03/2019 16:00	3.152	65.77
02/03/2019 16:10	3.808	94.6
02/03/2019 16:20	3.547	32.1
02/03/2019 16:30	2.975	71.59
02/03/2019 16:40	2.055	49.89
02/03/2019 16:50	2.348	34.63
02/03/2019 17:00	1.992	87.7
02/03/2019 17:10	2.602	67.4
02/03/2019 17:20	2.017	58.07
02/03/2019 17:30	0.522	64.82
02/03/2019 17:40	1.368	109.3
02/03/2019 17:50	1.879	21.98
02/03/2019 18:00	4.126	32.58
02/03/2019 18:10	4.313	35.71
02/03/2019 18:20	4.419	30.3
02/03/2019 18:30	4.414	33.87
02/03/2019 18:40	4.511	27.54
02/03/2019 18:50	3.962	31.16
02/03/2019 19:00	3.241	29.7
02/03/2019 19:10	3.192	29.7
02/03/2019 19:20	2.725	29.14
02/03/2019 19:30	2.195	36.98
02/03/2019 19:40	2.246	47.34
02/03/2019 19:50	2.216	46.36
02/03/2019 20:00	2.179	43.43
02/03/2019 20:10	2.226	45.01
02/03/2019 20:20	2.303	47.76
02/03/2019 20:30	2.57	49.34
02/03/2019 20:40	2.142	50.88
02/03/2019 20:50	1.878	62.46
02/03/2019 21:00	1.813	80.5
02/03/2019 21:10	1.728	79.96
02/03/2019 21:20	2.358	64.62
02/03/2019 21:30	3.265	57.88

Date & Time	Wind Speed (m/s)	Wind Direction (°)
02/03/2019 21:40	3.259	55.84
02/03/2019 21:50	3.394	55
02/03/2019 22:00	3.435	51.37
02/03/2019 22:10	3.465	48.85
02/03/2019 22:20	3.469	47.53
02/03/2019 22:30	3.893	41.85
02/03/2019 22:40	3.848	42.94
02/03/2019 22:50	3.662	40.27
02/03/2019 23:00	3.929	40.5
02/03/2019 23:10	3.503	44.88
02/03/2019 23:20	3.71	47
02/03/2019 23:30	3.684	41.19
02/03/2019 23:40	3.325	37.38
02/03/2019 23:50	4.071	39.42
03/03/2019 0:00	4.347	43.74
03/03/2019 0:10	4.16	44.95
03/03/2019 0:20	4.226	42.06
03/03/2019 0:30	4.072	39.88
03/03/2019 0:40	2.996	36.83
03/03/2019 0:50	3.38	45.43
03/03/2019 1:00	3.541	43.54
03/03/2019 1:10	4.019	40.35
03/03/2019 1:20	4.895	45.02
03/03/2019 1:30	4.697	43.2
03/03/2019 1:40	4.31	38.64
03/03/2019 1:50	4.519	39.73
03/03/2019 2:00	4.354	45.85
03/03/2019 2:10	3.913	43.45
03/03/2019 2:20	4.444	39.88
03/03/2019 2:30	4.896	40.86
03/03/2019 2:40	4.521	40.58
03/03/2019 2:50	4.354	42.06
03/03/2019 3:00	4.675	40.97
03/03/2019 3:10	4.448	31.65
03/03/2019 3:20	3.757	29.7
03/03/2019 3:30	4.01	30.34
03/03/2019 3:40	4.104	24.91
03/03/2019 3:50	4.81	26.26
03/03/2019 4:00	4.477	32.42
03/03/2019 4:10	3.865	33.94
03/03/2019 4:20	3.517	41.6
03/03/2019 4:30	4.19	35.3
03/03/2019 4:40	4.37	39.06
03/03/2019 4:50	4.873	40.59
03/03/2019 5:00	3.614	38.76
03/03/2019 5:10	3.121	38.26
03/03/2019 5:20	2.101	34.08
03/03/2019 5:30	1.477	34.14
03/03/2019 5:40	0.285	35.93
03/03/2019 5:50	0	0

Date & Time	Wind Speed (m/s)	Wind Direction (°)
03/03/2019 6:00	0.804	63.1
03/03/2019 6:10	1.584	56.51
03/03/2019 6:20	1.392	65.94
03/03/2019 6:30	1.669	54.81
03/03/2019 6:40	1.752	30.68
03/03/2019 6:50	1.492	30.21
03/03/2019 7:00	2.087	32.21
03/03/2019 7:10	4.186	26.37
03/03/2019 7:20	4.108	29.18
03/03/2019 7:30	4.396	26.76
03/03/2019 7:40	4.243	28.73
03/03/2019 7:50	4.54	34.09
03/03/2019 8:00	4.454	29.38
03/03/2019 8:10	4.022	33.9
03/03/2019 8:20	3.972	22.63
03/03/2019 8:30	3.634	18.75
03/03/2019 8:40	4.267	10.2
03/03/2019 8:50	4.049	3.031
03/03/2019 9:00	5.023	352.6
03/03/2019 9:10	5.415	327.9
03/03/2019 9:20	5.684	334.7
03/03/2019 9:30	5.519	323.2
03/03/2019 9:40	6.202	325.1
03/03/2019 9:50	5.676	342.6
03/03/2019 10:00	5.241	339.3
03/03/2019 10:10	5.214	346.8
03/03/2019 10:20	5.497	344.3
03/03/2019 10:30	5.132	338.9
03/03/2019 10:40	5.12	353.5
03/03/2019 10:50	4.22	350.6
03/03/2019 11:00	4.484	332.1
03/03/2019 11:10	4.194	323.8
03/03/2019 11:20	3.525	324.5
03/03/2019 11:30	4.093	324.5
03/03/2019 11:40	3.651	313.6
03/03/2019 11:50	2.935	291
03/03/2019 12:00	1.772	285
03/03/2019 12:10	1.19	226.3
03/03/2019 12:20	2.258	330.5
03/03/2019 12:30	3.463	8.16
03/03/2019 12:40	3.706	38.52
03/03/2019 12:50	2.988	71.05
03/03/2019 13:00	2.431	356.9
03/03/2019 13:10	3.772	341.7
03/03/2019 13:20	1.536	64.75
03/03/2019 13:30	2.634	203.1
03/03/2019 13:40	0.644	299.2
03/03/2019 13:50	1.047	46.96
03/03/2019 14:00	1.269	310.4
03/03/2019 14:10	3.688	343.7

Date & Time	Wind Speed (m/s)	Wind Direction (°)
03/03/2019 14:20	3.483	356
03/03/2019 14:30	3.879	331.7
03/03/2019 14:40	3.324	12.14
03/03/2019 14:50	2.789	37.01
03/03/2019 15:00	2.511	343.3
03/03/2019 15:10	2.504	274.6
03/03/2019 15:20	2.153	326.4
03/03/2019 15:30	1.251	254.8
03/03/2019 15:40	2.066	176.7
03/03/2019 15:50	1.355	185.5
03/03/2019 16:00	1.303	165.3
03/03/2019 16:10	2.273	270
03/03/2019 16:20	2.842	272.1
03/03/2019 16:30	3.313	257.8
03/03/2019 16:40	1.445	284.6
03/03/2019 16:50	1.035	316.7
03/03/2019 17:00	0.775	82.5
03/03/2019 17:10	1.16	245.8
03/03/2019 17:20	2.599	193.9
03/03/2019 17:30	2.722	157.3
03/03/2019 17:40	1.833	124
03/03/2019 17:50	1.574	213.9
03/03/2019 18:00	2.312	237.5
03/03/2019 18:10	2.624	252.6
03/03/2019 18:20	2.081	256.7
03/03/2019 18:30	1.175	222.5
03/03/2019 18:40	1.826	218.6
03/03/2019 18:50	1.774	188.6
03/03/2019 19:00	2.762	169.8
03/03/2019 19:10	2.385	172.9
03/03/2019 19:20	2.051	178.4
03/03/2019 19:30	2.004	186.6
03/03/2019 19:40	1.532	193.1
03/03/2019 19:50	1.514	184
03/03/2019 20:00	1.663	191
03/03/2019 20:10	1.405	194
03/03/2019 20:20	0.277	189.4
03/03/2019 20:30	0	0
03/03/2019 20:40	0	0
03/03/2019 20:50	0	0
03/03/2019 21:00	0	0
03/03/2019 21:10	0	0
03/03/2019 21:20	0	0
03/03/2019 21:30	0	0
03/03/2019 21:40	0	0
03/03/2019 21:50	0	0
03/03/2019 22:00	0	0
03/03/2019 22:10	0	0
03/03/2019 22:20	0	0
03/03/2019 22:30	0	0

Date & Time	Wind Speed (m/s)	Wind Direction (°)
03/03/2019 22:40	0	0
03/03/2019 22:50	0.185	42.77
03/03/2019 23:00	1.401	53.81
03/03/2019 23:10	0.379	49.7
03/03/2019 23:20	0	0
03/03/2019 23:30	0	0
03/03/2019 23:40	0	0
03/03/2019 23:50	0	0
04/03/2019 0:00	0	0
04/03/2019 0:10	0.258	114.9
04/03/2019 0:20	0	0
04/03/2019 0:30	0	0
04/03/2019 0:40	0	0
04/03/2019 0:50	0	0
04/03/2019 1:00	0	0
04/03/2019 1:10	0	0
04/03/2019 1:20	0	0
04/03/2019 1:30	0	0
04/03/2019 1:40	1.665	61.61
04/03/2019 1:50	3.5	59.43
04/03/2019 2:00	3.783	41.28
04/03/2019 2:10	3.043	31.64
04/03/2019 2:20	2.016	41.53
04/03/2019 2:30	0.088	338.8
04/03/2019 2:40	0	0
04/03/2019 2:50	0	0
04/03/2019 3:00	0	0
04/03/2019 3:10	0	0
04/03/2019 3:20	0	0
04/03/2019 3:30	0	0
04/03/2019 3:40	1.207	48.72
04/03/2019 3:50	2.702	40.38
04/03/2019 4:00	2.369	30.75
04/03/2019 4:10	0.361	32.96
04/03/2019 4:20	0.001	18.59
04/03/2019 4:30	0	0
04/03/2019 4:40	0.048	22.03
04/03/2019 4:50	0.006	25.43
04/03/2019 5:00	0	0
04/03/2019 5:10	0	0
04/03/2019 5:20	0	0
04/03/2019 5:30	0	0
04/03/2019 5:40	0	0
04/03/2019 5:50	0.894	356.6
04/03/2019 6:00	1.658	10.66
04/03/2019 6:10	1.593	20.3
04/03/2019 6:20	1.44	22.13
04/03/2019 6:30	0.677	36.89
04/03/2019 6:40	1.444	36.26
04/03/2019 6:50	1.722	28.16

Date & Time	Wind Speed (m/s)	Wind Direction (°)
04/03/2019 7:00	2.114	19.47
04/03/2019 7:10	2.813	15.86
04/03/2019 7:20	3.242	11.42
04/03/2019 7:30	4.167	9.25
04/03/2019 7:40	5.566	4.507
04/03/2019 7:50	6.563	352.4
04/03/2019 8:00	6.357	349.2
04/03/2019 8:10	6.564	343.5
04/03/2019 8:20	7.93	343.8
04/03/2019 8:30	6.445	336
04/03/2019 8:40	6.973	337.5
04/03/2019 8:50	6.771	336.4
04/03/2019 9:00	7.111	337.4
04/03/2019 9:10	6.791	337.3
04/03/2019 9:20	6.444	326.1
04/03/2019 9:30	6.475	340.2
04/03/2019 9:40	6.367	340.3
04/03/2019 9:50	6.075	340.2
04/03/2019 10:00	6.03	339.8
04/03/2019 10:10	5.892	334.4
04/03/2019 10:20	5.313	340.3
04/03/2019 10:30	5.416	320.4
04/03/2019 10:40	4.919	337.6
04/03/2019 10:50	4.295	332
04/03/2019 11:00	3.91	336.8
04/03/2019 11:10	3.985	321.1
04/03/2019 11:20	4.311	313.3
04/03/2019 11:30	3.605	295.2
04/03/2019 11:40	3.629	341.9
04/03/2019 11:50	4.1	320.2
04/03/2019 12:00	2.524	321.8
04/03/2019 12:10	2.629	327.1
04/03/2019 12:20	2.385	282.7
04/03/2019 12:30	1.032	276
04/03/2019 12:40	2.883	338.5
04/03/2019 12:50	2.8	357.3
04/03/2019 13:00	2.228	40.05
04/03/2019 13:10	1.414	125.4
04/03/2019 13:20	1.479	244.7
04/03/2019 13:30	1.907	341.5
04/03/2019 13:40	3.014	7.384
04/03/2019 13:50	1.162	290.3
04/03/2019 14:00	3.756	23.38
04/03/2019 14:10	2.272	330
04/03/2019 14:20	2.169	301.4
04/03/2019 14:30	3.226	24.24
04/03/2019 14:40	1.612	47.02
04/03/2019 14:50	1.122	109.4
04/03/2019 15:00	1.113	225.9
04/03/2019 15:10	0.886	317.2

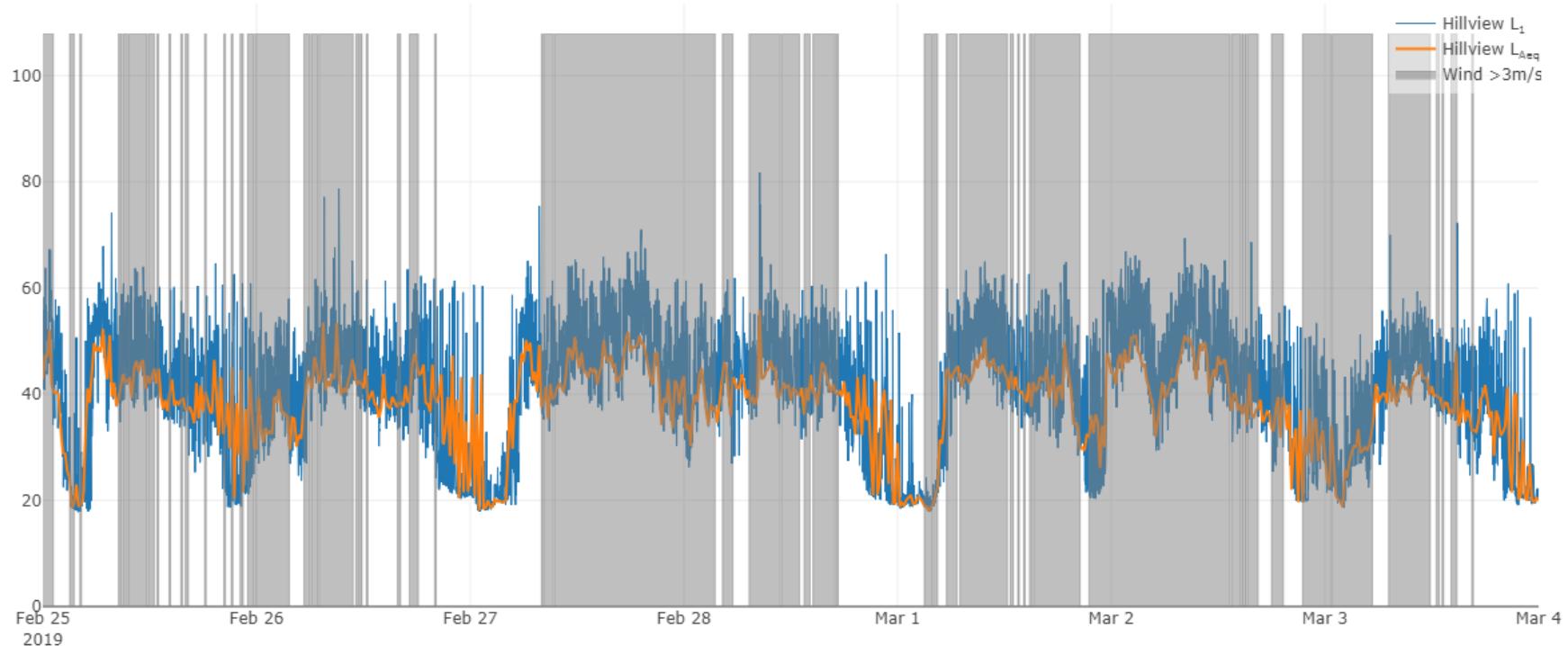
Date & Time	Wind Speed (m/s)	Wind Direction (°)
04/03/2019 15:20	1.878	334.7
04/03/2019 15:30	2.809	20
04/03/2019 15:40	2.596	9.27
04/03/2019 15:50	0.759	144.3
04/03/2019 16:00	0.626	86.2
04/03/2019 16:10	2.355	179.7
04/03/2019 16:20	0.849	320.2
04/03/2019 16:30	0.869	343
04/03/2019 16:40	0.665	336.2
04/03/2019 16:50	0.539	15.57
04/03/2019 17:00	1.58	50.81
04/03/2019 17:10	1.175	45.79
04/03/2019 17:20	0.727	7.854
04/03/2019 17:30	0.055	76.08
04/03/2019 17:40	1.487	293
04/03/2019 17:50	2.907	338.3
04/03/2019 18:00	1.754	337.4
04/03/2019 18:10	0.822	345.5
04/03/2019 18:20	1.102	313.9
04/03/2019 18:30	1.534	347.8
04/03/2019 18:40	1.252	326.5
04/03/2019 18:50	0.368	296.1
04/03/2019 19:00	1.693	261.7
04/03/2019 19:10	1.784	284.5
04/03/2019 19:20	1.265	300.8
04/03/2019 19:30	0.514	301.5
04/03/2019 19:40	0.314	261.1
04/03/2019 19:50	1.43	278.3
04/03/2019 20:00	1.2	255.1
04/03/2019 20:10	0.073	242
04/03/2019 20:20	0	0
04/03/2019 20:30	0	0
04/03/2019 20:40	0	0
04/03/2019 20:50	1.443	3.31
04/03/2019 21:00	0.637	3.85
04/03/2019 21:10	0	167.9
04/03/2019 21:20	0.839	180.9
04/03/2019 21:30	0.039	151.5
04/03/2019 21:40	0.467	151.5
04/03/2019 21:50	1.609	146.4
04/03/2019 22:00	1.61	144.4
04/03/2019 22:10	0.101	139.5
04/03/2019 22:20	0	0
04/03/2019 22:30	0	0
04/03/2019 22:40	0	0
04/03/2019 22:50	0	0
04/03/2019 23:00	0	0
04/03/2019 23:10	0	0
04/03/2019 23:20	0.02	345.7
04/03/2019 23:30	0	0

Date & Time	Wind Speed (m/s)	Wind Direction (°)
04/03/2019 23:40	0	0
04/03/2019 23:50	0	0
04/03/2019 22:50	0	0
04/03/2019 23:00	0	0
04/03/2019 23:10	0	0
04/03/2019 23:20	0.02	345.7
04/03/2019 23:30	0	0
04/03/2019 23:40	0	0
04/03/2019 23:50	0	0
04/03/2019 22:50	0	0
04/03/2019 23:00	0	0
04/03/2019 23:10	0	0
04/03/2019 23:20	0.02	345.7
04/03/2019 23:30	0	0
04/03/2019 23:40	0	0
04/03/2019 23:50	0	0

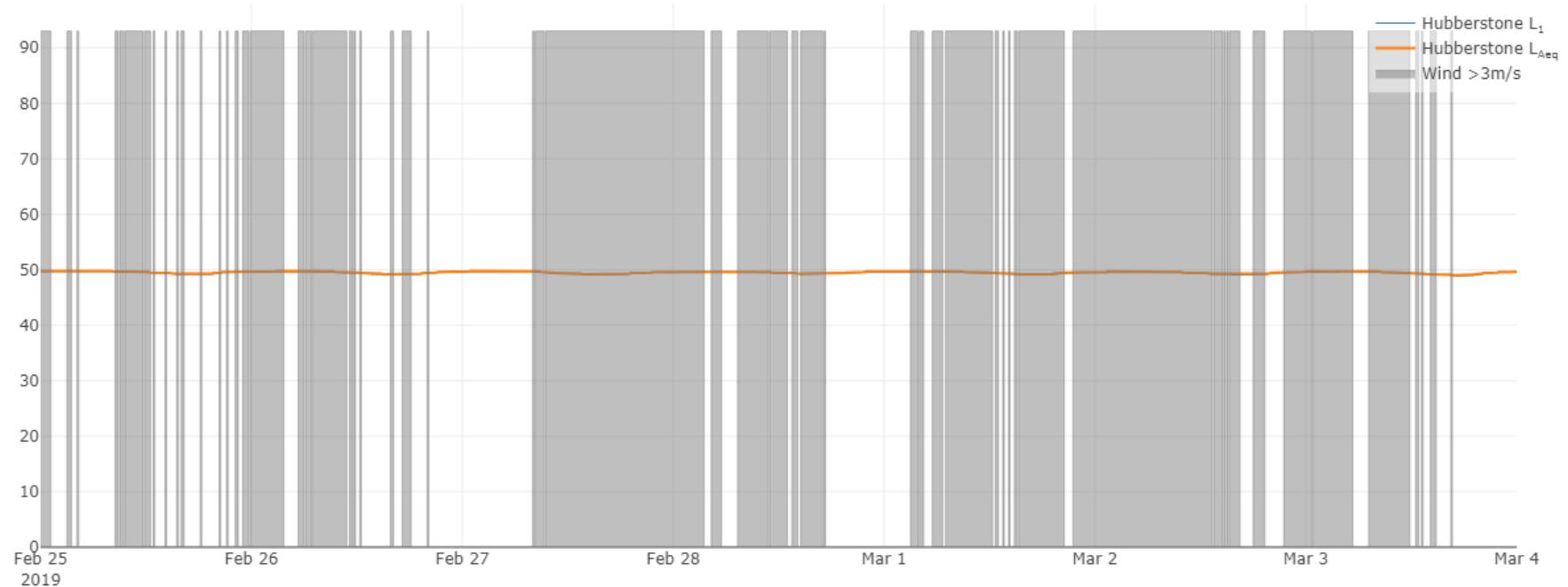
Appendix D – Full Results Graphs

Note:

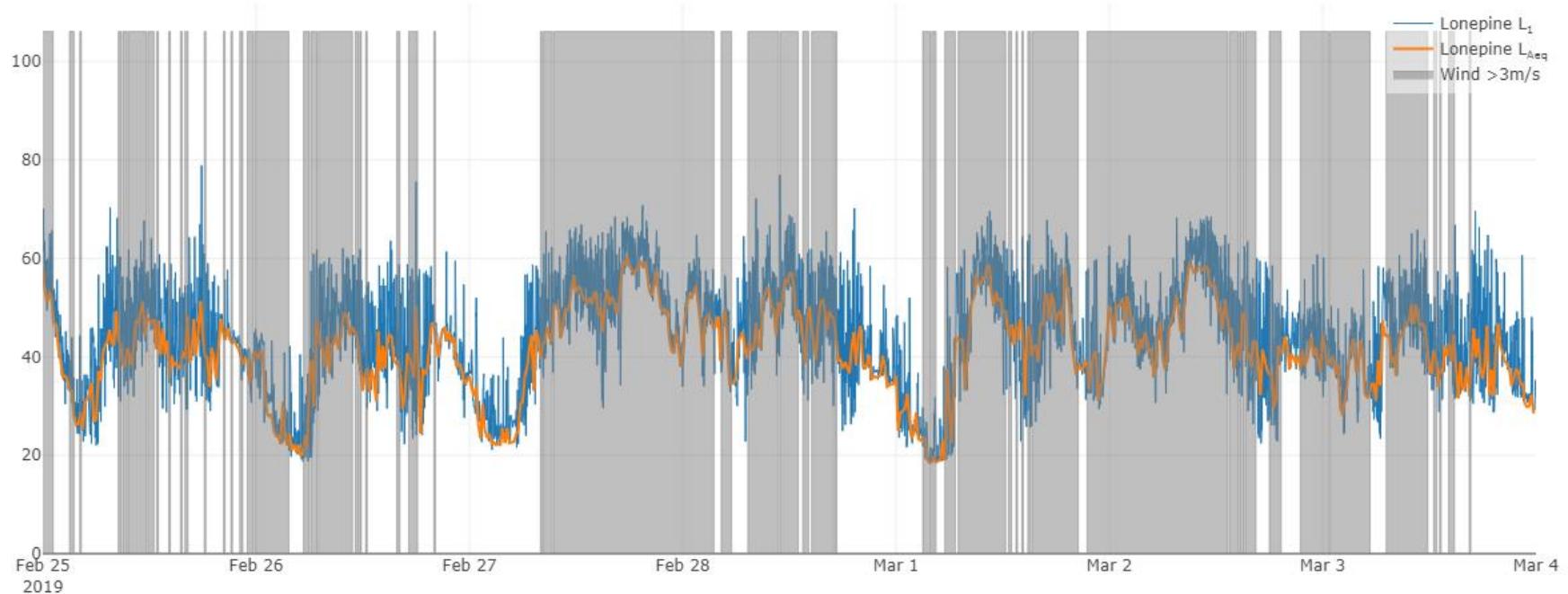
- Grey shaded areas indicate periods when wind speeds were in excess of 3 m/s; data from these periods have been excluded in the calculation for average results presented in Table 7.
- Noise data for Hubberstone appears incomplete, it is possible that equipment has malfunctioned.

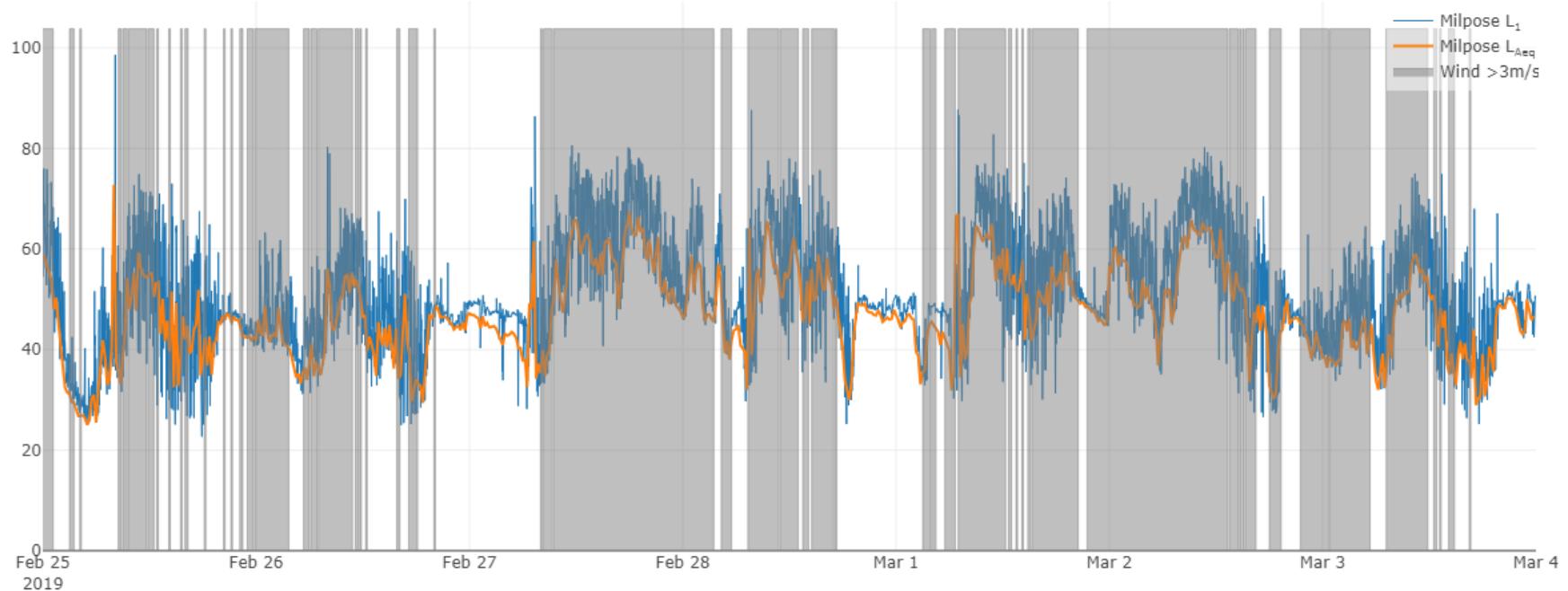
Hillview L₁ (1min) and L_{Aeq} (15min)


Hubberstone L₁ (1min) and L_{Aeq} (15min)



Lonepine L_1 (1min) and L_{Aeq} (15min)



Milpose L₁ (1min) and L_{Aeq} (15min)

-End of report-