

**CONTRACT NO. HY/99/02  
WIDENING OF FO TAN ROAD AND RELATED  
IMPROVEMENT MEASURES IN FO TAN**

**ENVIRONMENTAL MONITORING AND  
AUDIT REPORT NO. 35  
(for the month of December 2002)**

**JANUARY 2003**

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**Issue & Revision Record**

<b>Rev.</b>	<b>Date</b>	<b>Originator</b>	<b>Checked By</b>	<b>Approved</b>	<b>Description</b>
A	January 2003	Danny Ng	Anne Watker-Zeris (Environmental Team Leader)	K W Lee (Engineer)	Monthly Progress Report
Signature					

**Project Title:**

**Contract No.: HY/99/02  
Widening of Fo Tan Road and  
Related Improvement Measures in Fo Tan**

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## 1. EXECUTIVE SUMMARY

### Background

- 1.1 Highways Department Contract HY/99/02, “Widening of Fo Tan Road and Related Improvement Measures in Fo Tan”, has been awarded to Shun Yuen Construction/CNCEC Joint Venture, and work commenced on 1<sup>st</sup> Dec 1999. Physical works, as stated in Part B of the Variation of Environmental Permit, EP No.: [VEP-015/2000/B/EP-030](#), commenced in Feb 2000 for completion by end of 2002.

### Air Quality Monitoring

- 1.2 Air quality impact monitoring was carried out at one monitoring station (Rooftop of House No. 76 in Fo Tan Village) as shown in Figure 5.1 in [December 2002](#). The results are summarized in Table 1.1.

**Table 1.1 Summary of Air Quality Monitoring Results**

Parameter	Range of Results	No. of Exceedances	
		Action Levels	Limit Levels
1-hr TSP	<a href="#">57 µg/m<sup>3</sup> – 139 µg/m<sup>3</sup></a>	0	0
24-hr TSP	<a href="#">39 µg/m<sup>3</sup> – 77 µg/m<sup>3</sup></a>	0	0

### Noise Level Monitoring

- 1.3 The results for noise level impact monitoring at locations [CN3, CN6, CN8, CN11, CN12 and CN13](#) as shown in Figure 6.2 during the Unrestricted Period in [December 2002](#) are summarized as Table 1.2.

**Table 1.2 Summary of Noise Level Monitoring Results**

Parameter	Location	Range of Results	No. of date of exceedance	
			Action Levels	Limit Levels
Unrestricted Period $L_{eq}$ (30min)	CN3	<a href="#">All below baseline</a>	0	0
	CN6	<a href="#">55.5 dB(A) – 69.6 dB(A)</a>	0	0
	CN8	<a href="#">All below baseline</a>	0	0
	CN11	<a href="#">All below baseline</a>	0	0
	CN12	<a href="#">64.3 dB(A) – 68.3 dB(A)</a>	0	0
	CN13	<a href="#">54.2 dB(A) – 62.9 dB(A)</a>	0	0

### Water Quality Monitoring

- 1.4 No water samples were taken from Sedimentation Pond Nos. 1, 2, 3, 4 and 5 in this reporting month, as there was no generation of wastewater from construction activities (i.e. no pre-bored H-piling works were carried out for the month of [December 2002](#)).

### Observations

- 1.5 No site inspection was conducted by EPD, LCO in the month of [December 2002](#).
- 1.6 The wind data monitoring equipment recorded data at 5-minute intervals for the month of [December 2002](#). The wind data recorded in the reporting month are contained in [Appendix F](#).

### **Complaints**

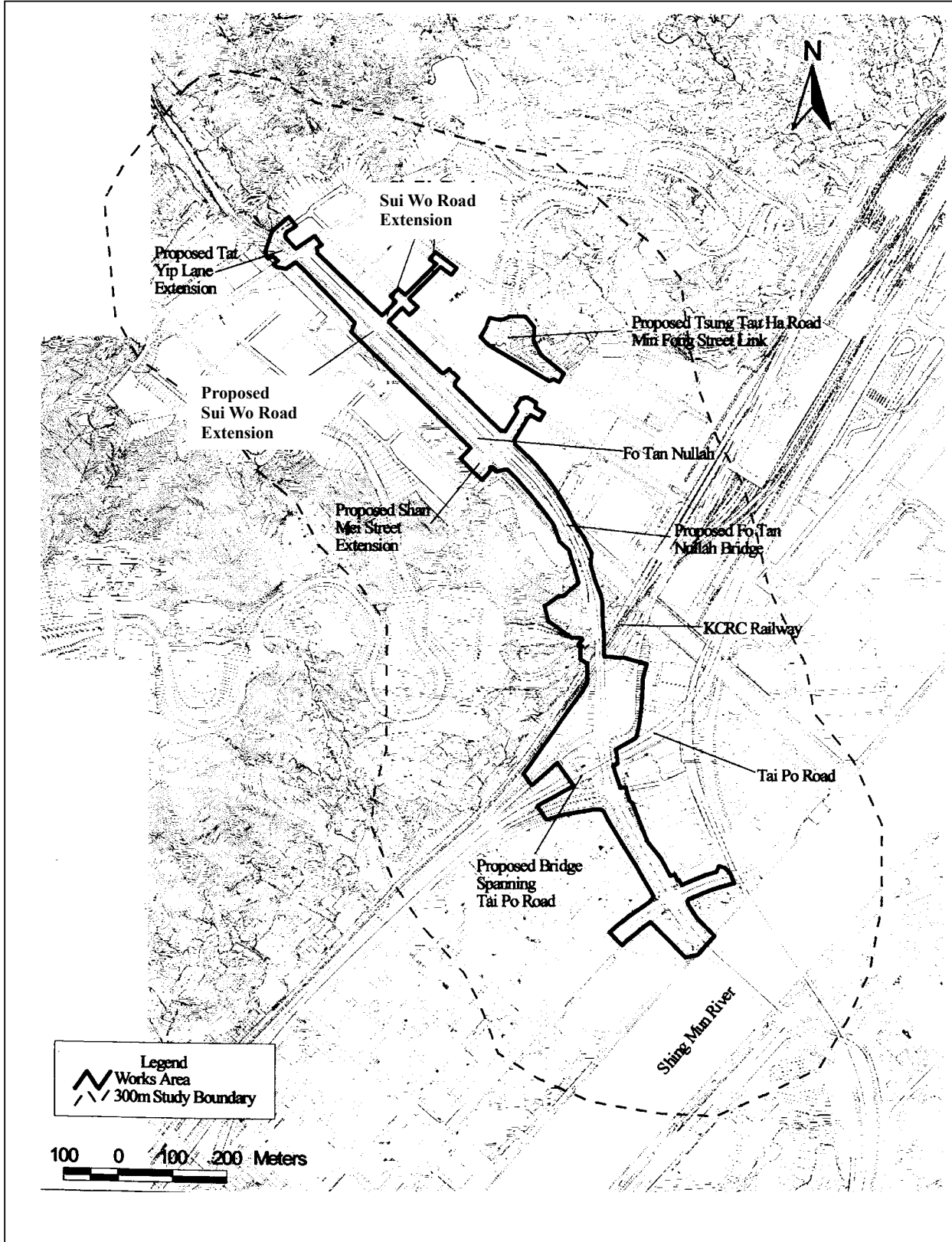
- 1.7 No complaints were received during December 2002.
- 1.8 A total of three (3) complaints have been received since the start of the Contract.


## 2. INTRODUCTION

### Scope of Works

- 2.1 Fo Tan Road is the only road providing access to the Fo Tan Industrial Area and the residential area of Sui Wo. According to the findings in the Working Paper 13 (September 94) of the Shatin and Ma On Shan (STMOS) District Traffic Study commissioned by Transport Department (TD), the critical junctions along Fo Tan Road were overloaded by between 10 % and 30 % in the morning peak hours and by between 10 % and 20% in the evening peak hours in 1994. The study predicted that upon full development of the Fo Tan area, the Fo Tan Road will be operating beyond its design capacity, and recommended that the existing Fo Tan Road was widened as a measure to improve the traffic congestion problems in Fo Tan, Shatin.
- 2.2 The proposed Sui Wo Road extension from Fo Tan Road to Kwei Tei Street also provides an additional access from Fo Tan Road to the eastern part of the industrial area. The additional entry route would help spread the traffic loading amongst the two critical junctions at Fo Tan Road/Tsung Tau Ha Road and Fo Tan Road/Min Fong Street which are currently overloaded by 10% during the morning peak hour.
- 2.3 At present, traffic accessing the south-eastern part of the Fo Tan industrial area have to use the two junctions at Fo Tan Road/Tsung Tau Ha Road and Fo Tan Road/Min Fong Street for ingress and egress. These two junctions are currently overloaded by 10% during the morning peak hour. The proposed new road linking Tsung Tau Ha Road and Min Fong Street will provide an additional route connecting the north-eastern part and the south-eastern part of the industrial area, thus alleviating the traffic congestion problem currently being experienced at these junctions.
- 2.4 The existing Tat Yip Lane comprises two cul-de-sac. Heavy goods vehicles, in particular container trucks, often experience difficulties when reversing in the cul-de-sac and cause obstructions to other vehicles entering and leaving the adjacent industrial buildings. The proposed extension of Tat Yip Lane to Kwei Tei Street will remove the cul-de-sac on the western half thus alleviating the traffic problems resulting from the reversing of heavy goods vehicles.
- 2.5 In May 1995, TD proposed implementation of the above improvement works to include the Project in the 1996 CWRP RAE for completion within the following five years (2 years for planning and design works plus another 3 years for construction). The tentative scheduling for the construction period is between 1999 and 2002.
- 2.6 The works area of the Contract: HY/99/02 is shown in Figure 2.1
- 2.7 The key environmental issues of this project include air quality, water quality and construction noise. Air and water quality monitoring has been performed by the Contractor, under the supervision of Engineer's Representative (ER). Noise level monitoring is carried out by the Resident Site Staff (RSS) using equipment and qualified assistants provided by the Contractor.
- 2.8 According to section 1.4 of the revised EM&A Manual (Revision C), the ET will report directly to the Engineer. Hence, all EM&A reports, including the subject report, are prepared on behalf of the Engineer.





	Title:	Mott Connell Limited
	<b>Fo Tan Road Study Area</b>	Contract No.: HY/99/02
		Drawing No.: Figure 2.1

**Project Organization**

2.9 The project organization of the Contract is shown as follows:

<b>THE CLIENT</b> <b>(HyD/NT, Government of HKSAR)</b>	
Contact Person:	Mr Greg Leung (Tel.: 2762 3518) (Fax.:2715 3573)
<b>THE ENGINEER</b> <b>(Mott Connell Limited – MCL)</b>	
Director:	Mr K W Lee (Tel.: 2828 5757) (Fax.: 2827 1823)
Head Office	Resident Site Staff
Project Engineer: Dr H T Cheng (Tel.: 2828 5898)	Senior Resident Engineer: Mr Bill Reynolds (Tel.: 21454909)
Environmental Team Leader: Dr Anne Watker-Zeris (Tel.: 2828 5793)	
<b>Contractor:</b> <b>Shun Yuen Construction &amp; CNCEC JV</b>	
Site Agent:	Mr K. O. Sheng (Tel.: 2690 1293) (Fax.:2690 1639)

**Programme**

2.10 The most up-to-date Master Programme which has been submitted by the contractor is attached as Figure 2.2.

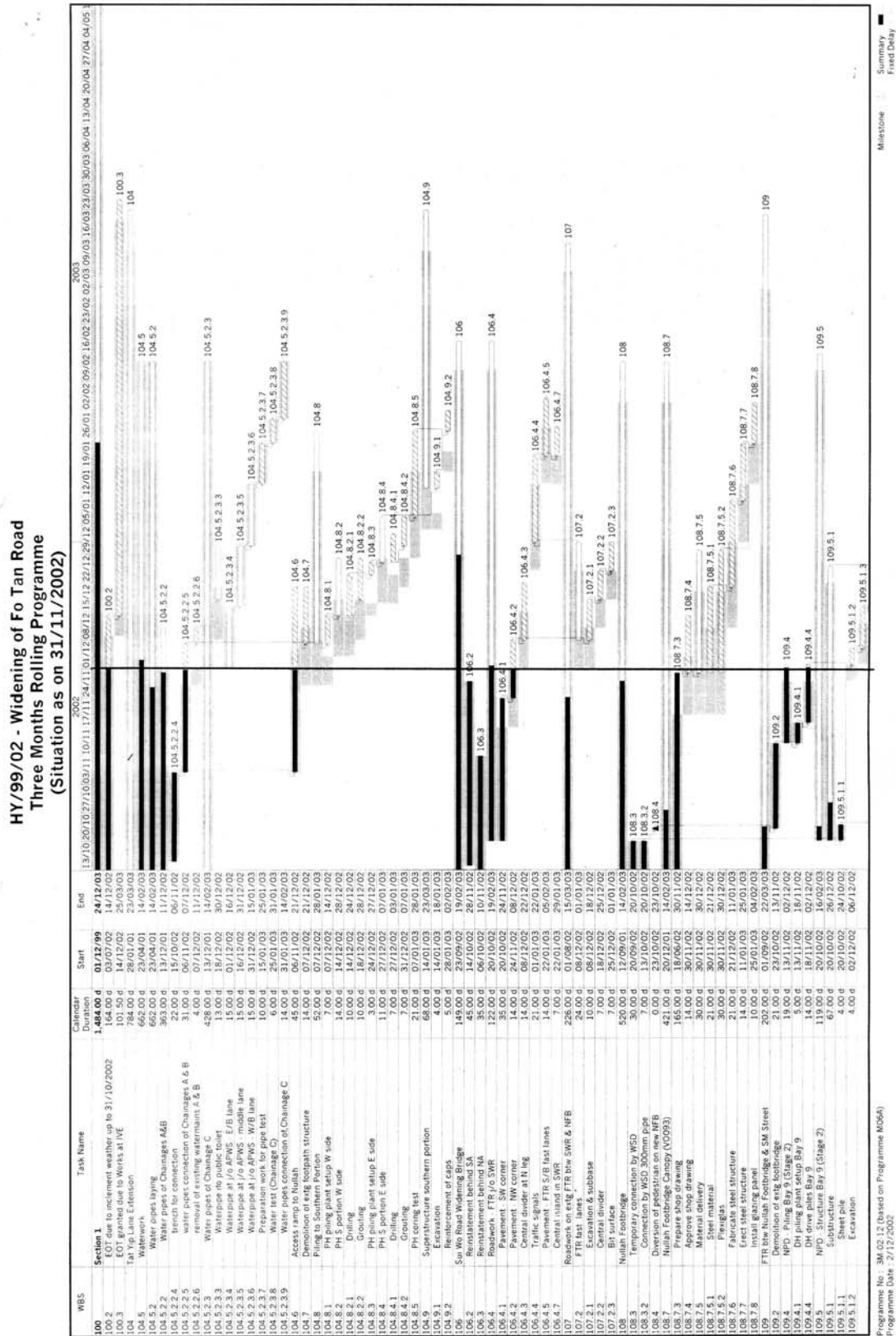


Figure 2.2 – Sheet 1 of 5

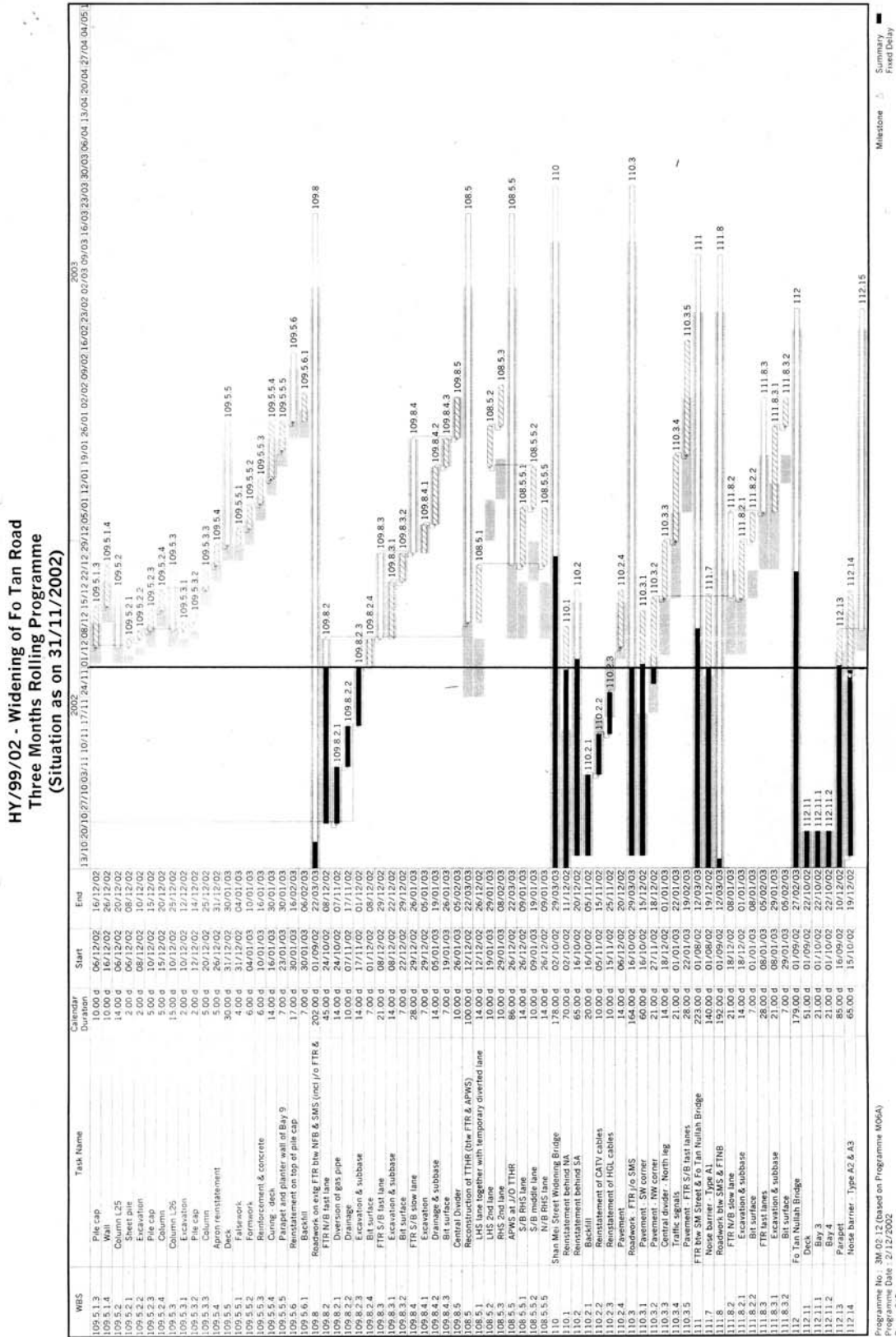


Figure 2.2 – Sheet 2 of 5





**HY/99/02 - Widening of Fo Tan Road  
 Three Months Rolling Programme  
 (Situation as on 31/11/2002)**

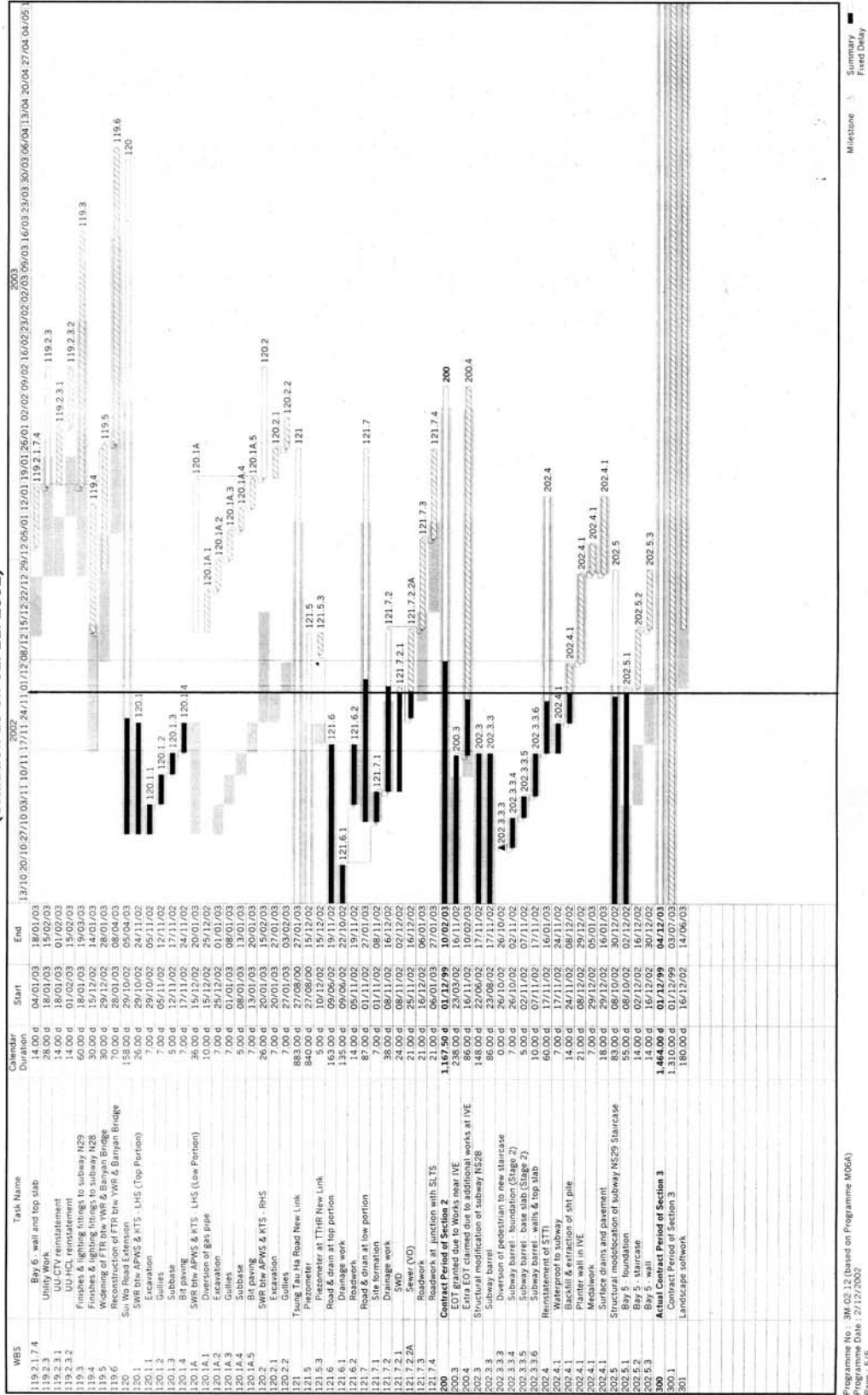
WBS	Task Name	Calendar	Start	End	2002	2003
114.13	EGE North Abutment	7,000 d	04/07/02	01/09/03		
114.13.1	Excavate for TP	145,000 d	04/07/02	15/12/02	114.13.1	114.13
114.13.2	Construct pile	28,000 d	18/11/02	16/12/02	114.13.2	114.13.3
114.13.3	Construct cap	14,000 d	16/12/02	30/12/02	114.13.3	114.13.4
114.13.4	RA abutment wall	21,000 d	30/12/02	20/01/03	114.13.4	114.13.5
114.13.5	RA curing	7,000 d	20/01/03	27/01/03	114.13.5	114.13.6
114.13.6	Temporary bearing	130,000 d	13/08/02	21/12/02	114.14	114.14.8
114.13.7	EGE temporary bearing	130,000 d	13/08/02	21/12/02	114.14	114.14.8
114.14	Insulation of temporary bearing	135,000 d	13/08/02	21/12/02	115.1	115.1
115.1	Low King Street reconstruction	241,000 d	18/07/02	16/03/03		
115.1.1	Road & drains in casting yard	130,000 d	18/07/02	29/11/02	115.1.1	115.1.2
115.1.2	LKS/S/B	21,000 d	25/11/02	16/12/02	115.1.2	115.1.3
115.1.3	Insulation	163,000 d	26/08/02	05/02/03	117	117
115.1.4	TP Road	105,000 d	16/12/02	16/03/03	117.3	117.3
115.1.5	TP Road Abutment	28,000 d	30/11/02	28/12/02	117.3.1	117.3.2
117.3.1	Form slope	28,000 d	30/11/02	28/12/02	117.3.1	117.3.2
117.3.2	SA	162,000 d	26/08/02	04/02/03	117.3.2.1	117.3.2.2
117.3.2.1	Retaining Wall	148,000 d	26/08/02	21/01/03	117.3.2.1	117.3.2.2
117.3.2.2	R/W 1 wall	40,000 d	04/10/02	13/11/02	117.3.2.2.1	117.3.2.2.2
117.3.2.3	R/W 2 wall	14,000 d	23/12/02	06/01/03	117.3.2.2.3	117.3.2.2.4
117.3.2.4	30m slab	14,000 d	23/12/02	06/01/03	117.3.2.2.4	117.3.2.2.5
117.3.2.5	no line	5,000 d	06/01/03	11/01/03	117.3.2.2.5	117.3.2.2.6
117.3.2.6	backfill inside R/W	10,000 d	11/01/03	21/01/03	117.3.2.2.6	117.3.2.2.7
117.3.2.7	Form slope	14,000 d	21/01/03	04/02/03	117.4	117.4
117.3.2.8	Superstructure	150,000 d	01/09/02	29/01/03	117.4.1	117.4.2
117.4	Construction of bridge deck	150,000 d	01/09/02	29/01/03	117.4.1	117.4.2
117.4.1	Bottom slabs	70,000 d	01/09/02	10/11/02	117.4.3.1	117.4.3
117.4.2	Web & top flange	20,000 d	10/11/02	30/11/02	117.4.3.2	117.4.3
117.4.3	Prestress	11,000 d	30/11/02	11/12/02	117.4.3.3	117.4.3.4
117.4.3.1	curing	7,000 d	30/11/02	07/12/02	117.4.3.3.1	117.4.3.3.2
117.4.3.2	striking	2,000 d	07/12/02	09/12/02	117.4.3.3.2	117.4.3.3.3
117.4.3.3	Formwork	1,000 d	09/12/02	25/12/02	117.4.3.3.3	117.4.3.3.4
117.4.3.4	Parapet	14,000 d	11/12/02	29/01/03	117.4.3.3.4	117.4.3.4
117.4.3.5	Demolition of falsework	14,000 d	15/01/03	29/01/03	117.4.3.4	117.4.3.5
117.4.3.6	Connection to extg bridge	21,000 d	25/12/02	15/01/03	117.4.3.5	117.4.3.6
117.5	Surfacing on bridge deck	21,000 d	15/01/03	05/02/03	117.5	117.5
117.5.1	Diversion of one traffic lane on new deck	1,000 d	15/01/03	15/01/03	117.5.1	117.5.2
117.5.2	Surfacing whole deck	1,000 d	15/01/03	15/01/03	117.5.2	117.5.3
117.5.3	Surfacing whole deck	7,000 d	29/01/03	05/02/03	117.5.3	117.5.4
118	FTR low TP Road & YW Road	880,000 d	15/01/01	14/06/03		
118.5	Noise barrier foundation (N bound)	460,000 d	18/02/02	24/05/03		
118.6	Noise barrier foundation (S bound)	616,000 d	15/09/01	24/05/03		
118.7	Foundation except SPC14 to 16	400,000 d	15/09/01	24/10/02		
118.8	Noise barrier (S bound)	452,000 d	12/03/02	07/06/03		
118.8.1	Noise barrier except SPC14 to 16	250,000 d	12/03/02	17/11/02		
118.8.2	Road & drain in widening section (N bound)	170,000 d	09/06/02	26/11/02		
118.8.3	Reconstruction of extg c/w (N portion)	114,000 d	10/12/02	05/04/03		
118.8.4	NP NB east lane & central divider	14,000 d	31/12/02	31/07/02		
118.8.5	NP NB slow lane	18,000 d	18/01/03	05/02/03		
118.13	Road & drain in widening section (S bound)	30,000 d	01/12/02	31/12/02		
118.14	Reconstruction of extg c/w (S portion)	114,000 d	31/12/02	24/04/03		
118.15	NP SB east lane & central divider	21,000 d	31/12/02	21/01/03		
118.16	NP SB middle lane	18,000 d	25/01/03	05/02/03		
118.17	FTR NP SB middle lane Bayway Bridge	1,016,000 d	25/01/03	05/02/03		
119	Modification of subway M29	402,000 d	09/01/02	15/02/03		
119.2.1	Structural modification of subway	374,000 d	09/01/02	16/01/03		
119.2.1.1	Excavation	342,000 d	09/01/02	17/12/02		
119.2.1.2	Excavation for Bay 6B	21,000 d	26/11/02	17/12/02		
119.2.1.3	Bay 4 - wall and top slab	60,000 d	07/09/02	05/11/02		
119.2.1.4	Bay 6 - wall and top slab	112,000 d	28/09/02	18/01/03		
119.2.1.7.2	Bay 6B - foundation	4,000 d	21/12/02	21/12/02		
119.2.1.7.3	Bay 6 - base slab	14,000 d	21/12/02	04/01/03		

Programme No : 3M 02 17 (based on Programme M064)  
 Programme Date : 2/12/2002  
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Milestone Summary  
 Fixed Delay

Figure 2.2 – Sheet 4 of 5

**HY/99/02 - Widening of Fo Tan Road  
 Three Months Rolling Programme  
 (Situation as on 31/11/2002)**



Programme No. SM 05.13 based on Programme M06A  
 Programme Date: 27/12/2002  
 Page: 5/5

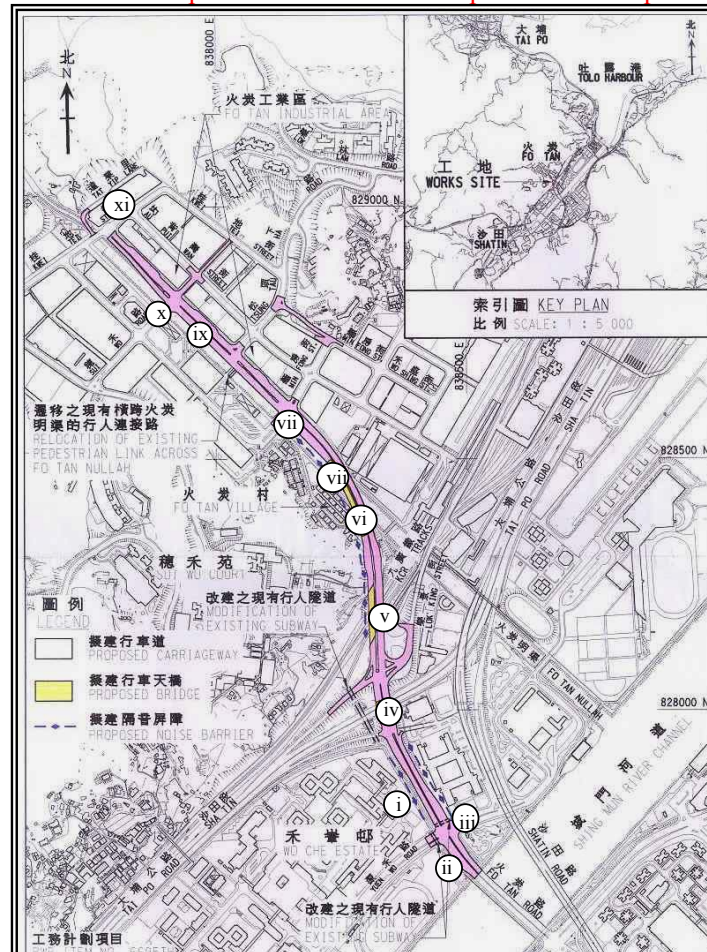
Figure 2.2 – Sheet 5 of 5



### 3. WORK UNDERTAKEN DURING THIS MONTH

#### 3.1 Major works carried out in Contract HY/99/02 Contractor in this reporting period included:

- (i) Construction of noise barriers adjacent to Wo Che Estate and IVE(ST) – anticipated to be completed by 29/5/03.
- (ii) Construction of Subway NS29 adjacent to Sha Tin Sports Ground – anticipated to be completed by 25/1/03.
- (iii) Construction of Subway NS28 adjacent to IVE(ST) – anticipated to be completed by 25/1/03.
- (iv) Construction of bridge deck of Tai Po Road Overbridge – anticipated to be completed by 29/1/03.
- (v) Construction of bridge segments and north abutment of Railway Overbridge – anticipated to be completed by 24/2/03 and 17/1/03 respectively.
- (vi) Construction of parapet of Fo Tan Nullah Bridge – anticipated to be completed by 5/12/02.
- (vii) Construction of staircase at Turning Tee “A” at Fo Tan Village – anticipated to be completed by 15/1/03
- (viii) Construction of pavement of Shan Mei Street Widening Bridge – anticipated to be completed by 15/3/03.
- (ix) Re-construction of existing carriageway at Nullah Partial Decking – anticipated to be completed by 8/3/03.
- (x) Pavement construction at Sui Wo Road Widening Bridge – anticipated to be completed by 12/2/03.
- (xi) Waterworks at Tat Yip Lane Extension – anticipated to be completed by 14/2/03.





#### 4. BRIEF SUMMARY OF EM&A REQUIREMENTS

##### Air Quality Monitoring

4.1 The following air quality parameters are required:

- (a) 24 - hr TSP; and
- (b) 1 - hr TSP.

4.2 Environmental quality performance limits (Action and Limit levels)

**Table 4.1 Action and Limit Levels for Air Quality**

Parameters	Action	Limit
24 Hour TSP Level in $\mu\text{g}/\text{m}^3$	For baseline level $<108 \mu\text{g}/\text{m}^3$ , Action level = average of baseline level plus 30% and Limit level For baseline level $>108 \mu\text{g}/\text{m}^3$ , and baseline level $< 154 \mu\text{g}/\text{m}^3$ , Action Level = $200 \mu\text{g}/\text{m}^3$ For baseline level $>154 \mu\text{g}/\text{m}^3$ , Action level = 130% of baseline level	260
1 Hour TSP Level in $\mu\text{g}/\text{m}^3$	For baseline level $<154 \mu\text{g}/\text{m}^3$ , Action level = average of baseline level plus 30% and Limit level For baseline level $>154 \mu\text{g}/\text{m}^3$ , and baseline level $< 269 \mu\text{g}/\text{m}^3$ , Action Level = $350 \mu\text{g}/\text{m}^3$ For baseline level $>269 \mu\text{g}/\text{m}^3$ , Action level = 130% of baseline level	500

4.3 Event-Action Plans

**Table 4.2 Action Plan for Air Quality**

Event	Response		
	ET	Engineer	Contractor
<b>ACTION LEVEL</b>			
1 Exceedance for one sample	1 Identify source 2 Inform Engineer 3 Repeat measurement to confirm finding 4 Increase monitoring frequency to daily	1 Notify Contractor 2 Check monitoring data and Contractor's working methods	1 Rectify any unacceptable practice 2 Amend working methods if appropriate
2. Exceedance for two or more consecutive samples	1 Identify source 2 Inform Engineer 3 Repeat measurements to confirm findings 4 Increase monitoring frequency to daily 5 Discuss with Engineer for remedial actions required 6 If exceedance continues, arrange meeting with Engineer 7 If exceedance stops, cease additional monitoring	1 Confirm receipt of notification of failure in writing 2 Notify Contractor 3 Check monitoring data and Contractor's working methods 4 Discuss with Environmental Supervisor and Contractor on potential remedial actions 5 Ensure remedial actions properly implemented	1 Submit proposals for remedial actions to Engineer within 3 working days of notification 2 Implement the agreed proposals 3 Amend proposal if appropriate

Event	Response		
	ET	Engineer	Contractor
<b>LIMIT LEVEL</b>			
1. Exceedance for one sample	1 Identify source 2 Inform Engineer 3 Repeat measurement to confirm finding 4 Increase monitoring frequency to daily 5 Assess effectiveness of Contractor's remedial actions and keep the Engineer informed of the results	1 Confirm receipt of notification of failure in writing 2 Notify Contractor 3 Check monitoring data and Contractor's 4 Discuss with Environmental Team Leader and Contractor potential remedial actions 5 Ensure remedial actions properly implemented	1 Take immediate action and avoid further exceedance 2 Submit proposals for remedial actions to Engineer within 3 working days of notification 3 Implement the agreed proposals 4 Amend proposal if appropriate
2. Exceedance for two or more consecutive samples	1 Identify source 2 Inform Engineer of the causes and actions taken for the exceedance 3 Repeat measurement to confirm findings 4 Increase monitoring frequency to daily 5 Investigate the causes of exceedance 6 Arrange meeting with the Engineer to discuss the remedial actions to be taken 7 Assess effectiveness of Contractor's remedial actions and keep the Engineer informed of the results 8 If exceedance stops, cease additional monitoring	1 Confirm receipt of notification of failure in writing 2 Notify Contractor 3 Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented 4 Discuss amongst Environmental Team Leader and the Contractor potential remedial actions 5 Review Contractor's remedial actions whenever necessary to assure their effectiveness 6 If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated	1. Take immediate action to avoid further exceedance 2 Submit proposals for remedial actions to Engineer within 3 working days of notification 3 Implement the agreed proposals 4 Resubmit proposals if problem still not under control 5 Stop the relevant portion of works as determined by the Engineer until the exceedance is abated

#### 4.4 Environmental mitigation measures

The EIA report has recommended construction air pollution control and mitigation measures. The Contractor shall be responsible for the design and implementation of dust suppression measures such as:

- use of regular watering to reduce dust emissions from exposed site surfaces and unpaved roads. Up to 75% reduction in dust emission can be achieved by watering once every 1.5 hours with complete coverage;

- use of frequent watering for particularly dusty static construction areas and areas where construction operations are taking place;
- side enclosure and covering of any aggregate or dusty material storage piles to reduce emissions. Where this is not practicable owing to frequent usage, watering should be applied to aggregate fines;
- tarpaulin covering of all dusty vehicle loads transported to, from and between site locations;
- imposition of speed controls for vehicles on unpaved site roads. The recommended limit is 20 kmh<sup>-1</sup>;
- establishment and use of vehicle wheel and body washing stations at the exit points of the site, combined with cleaning of public roads where necessary; and
- instigation of a dust monitoring and audit plan in order to enforce controls and modify methods of work if dusty conditions arise.

If the above measures are not sufficient to restore the air quality to acceptable levels the ET Leader, will advise the Contractor on alternative mitigation measures.

#### Noise Level Monitoring

4.5 The following noise level monitoring parameters are required:

- a) L<sub>eq</sub>(30 min),
- b) L<sub>10</sub>(30 min),
- c) L<sub>90</sub>(30 min).

Note: 1) All construction noise level shall be measured in terms of the A-weighted level.  
 2) Measuring Time: 0700 – 1900 (normal weekdays)

4.6 Environmental quality performance limits (Action and Limit levels)

**Table 4.3 Action and Limit Levels for Noise Level Monitoring**

Time Period	Action	Limit
0700-1900 hrs on normal weekdays	When one documented complaint is received	75* dB(A)
0700-2300 hrs on holidays; and 1900-2300 hrs on all other days		60/65/70** dB(A)
2300-0700 hrs on all days		45/50/55** dB(A)

- \* reduce to 70 dB(A) for schools and 65 dB(A) during school examination periods.
- \* to be selected based on Area Sensitivity Rating.

4.7 Event-Action Plans

**Table 4.4 Action Plan for Noise Level Monitoring**

Event	Action	
	ET Leader or Engineer	Contractor
Action Level	1 Notify Contractor 2 Analyse investigation 3 Require Contractor to propose measures for the analysed noise problem 4 Increase monitoring frequency to check mitigation effectiveness	1 Submit noise mitigation proposals to Environmental Team Leader/Engineer's Representative 2 Implement noise mitigation proposals
Limit Level	1 Notify Contractor 2 Require contractor to implement mitigation measures. Increase monitoring frequency to check mitigation effectiveness	1 Implement mitigation measures 2 Prove to Environmental Team Leader and the Engineer effectiveness of measures applied

4.8 Environmental mitigation measures

The EIA report has recommended construction noise control and mitigation measures. The Contractor shall be responsible for the design and implementation of measures recommended in the EIA, such as:

- A rigorous EM&A programme should be undertaken, and should focus on those Noise Sensitive Receivers (NSRs) of particular concern, in order to identify and rectify any problems at the earliest possible stage;
- conditions from EPD's Recommended Pollution Control Clauses should be incorporated into future contract documents and implemented;
- the appointed contractor should liaise with those that are affected by noise to identify areas of particular concern. For example, in practice it may be the case that only certain items of PME cause the most annoyance to residents;
- construction activities should be programmed so that parallel operation of several sets of equipment close to a given receiver is avoided unless essential;
- noisy equipment and activities should be sited by the contractor as far from sensitive receivers as is practical. Also, temporary site office etc. should be located, as far as is possible, such that sensitive receivers are screened from the line of sight of the construction areas;
- noisy plant or processes should be replaced by quieter alternatives where possible. For example, pneumatic concrete breakers can be silenced with mufflers and bit dampers. Silenced diesel and gasoline generators and power units, as well as silenced and super-silenced air compressors, can be readily obtained. The power units of non-electric stationary plant and earth-moving plant can be quieted by vibration isolation and partial or full acoustic enclosures for individual noise-generating components;
- intermittent noisy activities should be scheduled to minimise exposure of nearby NSRs to high levels of construction noise. For example, noisy activities can be scheduled at times coinciding with periods when dwellings are unoccupied. Prolonged operation of noisy equipment close to dwellings should be avoided;

- idle equipment should be turned off or throttled down. Noisy equipment should be properly maintained and used no more than is necessary; and
- construction plant should be properly maintained and operated. Construction equipment often has silencing measures built in or added on, eg bulldozer silencers, compressor panels, and mufflers. Silencing measures should be properly maintained and utilized.

If the above measures are not sufficient to restore the construction noise level to an acceptable level the ET Leader will advise the Contractor on other mitigation measures.

### **Water Quality Monitoring**

4.9 The following water quality parameters are required:

- (a) pH (pH units);
- (b) Suspended Solids, SS (mg/l);
- (c) Oil & Grease (mg/l);
- (d) Dissolved Oxygen, DO (mg/l);
- (e) Turbidity (NTU); and
- (f) Temperature (°C).

4.10 Event and Action Plan for Surface Water Quality

All effluent subject to control by the TM is required to be licensed. Therefore, the discharges shall be required to comply with the effluent standard of effluent discharged into Tolo Harbour Coastal Waters and is shown in Table 4.5.

**Table 4.5 Selection of Effluent Standards Discharged into Coastal Waters of Tolo Water Control Zone**

<b>Measurement Parameter</b>	<b>Effluent Standard</b>
pH	6-9 (pH units)
Suspended solids	30 (mg/l)
Oil & Grease	20 (mg/l)

Source: Technical Memorandum on Effluent Standards, Table 7

4.11 Event-Action Plans

**Table 4.6 Action Plan for Water Quality Monitoring**

<b>Event</b>	<b>ET</b>	<b>Contractor</b>	<b>Engineer</b>
Limit level being exceeded by one sampling day	<ol style="list-style-type: none"> <li>1 Repeat in-situ measurement to confirm findings;</li> <li>2 Identify source(s) of impact;</li> <li>3 Inform contractor;</li> <li>4 Check monitoring data, all plant, equipment and Contractor's working methods;</li> <li>5 Discuss mitigation measures with Engineer and Contractor;</li> <li>6 Ensure mitigation measures are implemented; and</li> <li>7 Increase the monitoring frequency to daily until no exceedance of Limit level</li> </ol>	<ol style="list-style-type: none"> <li>1 Inform the Engineer and confirm notification of the non-compliance in writing;</li> <li>2 Rectify unacceptable practice</li> <li>3 Check all plant and equipment;</li> <li>4 Consider changes of working methods;</li> <li>5 Propose mitigation measures to Engineer within 3 working days and discuss with ET and Engineer;</li> <li>6 Implement the agreed mitigation measures.</li> </ol>	<ol style="list-style-type: none"> <li>1 Discuss with ET and Contractor on the proposed mitigation measures;</li> <li>2 Repeat Contractor to critically review the working methods;</li> <li>3 Make agreement on the mitigation measures to be implemented; and</li> <li>4 Assess the effectiveness of the implemented mitigation measures</li> </ol>
Limit level being exceeded by more than two consecutive sampling days	<ol style="list-style-type: none"> <li>1 Repeat in-situ measurement to confirm findings;</li> <li>2 Identify source(s) of impact;</li> <li>3 Inform contractor;</li> <li>4 Check monitoring data, all plant, equipment and Contractor's working methods;</li> <li>5 Discuss mitigation measures with Engineer and Contractor;</li> <li>6 Ensure mitigation measures are implemented; and</li> <li>7 Increase the monitoring frequency to daily until no exceedance of Limit level for two consecutive days.</li> </ol>	<ol style="list-style-type: none"> <li>1 Inform the Engineer and confirm notification of the non-compliance in writing;</li> <li>2 Rectify unacceptable practice</li> <li>3 Check all plant and equipment;</li> <li>4 Consider changes of working methods;</li> <li>5 Propose mitigation measures to Engineer within 3 working days and discuss with ET and Engineer;</li> <li>6 Implement the agreed mitigation measures; and</li> <li>7 As directed by the Engineer, to slow down or stop all or part of the construction activities.</li> </ol>	<ol style="list-style-type: none"> <li>1 Discuss with ET and Contractor on the proposed mitigation measures;</li> <li>2 Repeat Contractor to critically review the working methods;</li> <li>3 Make agreement on the mitigation measures to be implemented; and</li> <li>4 Assess the effectiveness of the implemented mitigation measures; and</li> <li>5 Consider and instruct, if necessary, the Contractor to slow down or to stop all or part of the work until no exceedance of Limit Level.</li> </ol>

#### 4.12 Environmental mitigation measures

The Practice Note for Professional Persons with regard to site drainage (ProPECC PN 1/94) advises that the following mitigation measures should be undertaken, where applicable, to minimize the impact on water quality during construction:

- Construction of the foundations for the deck above the nullah, and its related flow diversion works, should be carried out carefully to prevent contaminants from entering the nullah. Potential impact from activities that would not be protected by sheet piles should be reduced by a stringent programme and careful timing of the activities. It is recommended to shorten the duration of these activities as much as possible in order to mitigate the impacts;
- For site areas that are close to the nullah and are not enclosed by sheet piles, it is recommended to construct a silt fence along the boundary of the nullah to trap any silts/sediments from accidentally entering into the waters of the nullah;
- Before commencing any demolition works, all sewer and drainage connections should be sealed to prevent debris, soil, sand etc. from entering public sewers/drains;
- Site surface runoff should be settled to remove sand/silt before it is discharged into the existing storm drains. It is recommended that the sand/silt removal facilities (silt traps, sediment basins) and oil interceptors should be carefully planned to ensure that they would be installed at appropriate locations to capture all surface water generated on site. It is also recommended that, where necessary, temporary catchpits, and perimeter channels be constructed in addition to the existing channel system within the site prior to the site formation works and earthworks;
- Wastewater generated from concreting, clearing of works and similar activities should not be discharged into the stormwater drains. All storm catch basins/inlets, if any, receiving stormwater runoff from construction areas should be covered with wire mesh filters, which have on their upper surface crushed stone, in order to prevent sediment from entering inlet structure and to reduce potential sediment loading to the receiving waters. It is recommended this wastewater should be discharged into foul sewers, after the removal of settleable solids, and pH adjustment as necessary. All sewage discharges from the study area should meet the TM standards and approval from EPD through the licensing process is required;
- Grease traps should be provided with sufficient retention time for canteen effluent;
- Sand traps, oil interceptors and other pollution prevention installations should be properly cleaned and maintained;
- Open stockpiles should be covered with tarpaulin or similar materials to avoid weather erosion which may wash fines into stormwater during the wet season, and prevent dust arisings during the dry season;
- Any wash-water from the wheel washing basins located at each site exit should have sand and silt settled out before discharging into storm drains; and
- All fuels should be stored in bunded areas such that spillage can be easily collected.

With the above mitigation measures properly undertaken, the potential water quality impact of the scheme should be local and minimal.

## 5. AIR QUALITY MONITORING

### Air Quality Parameters

- 5.1 Monitoring and audit of Total Suspended Particulates (TSP) levels was carried out by the ET to ensure that any deteriorating air quality could be readily detected and timely action taken to rectify the situation.
- 5.2 One-hour and 24-hour TSP levels were measured to indicate the impacts of construction dust on air quality. The 24-hour TSP levels were measured by following the standard high volume sampling method as set out in the Title 40 of the Code of Federal Regulations, Chapter 1 (Part 50). Upon approval of the Engineer, 1-hour TSP levels can be measured by direct reading methods which are capable of producing comparable results as that by the high volume sampling method, to indicate short event impacts.

### Monitoring Equipment

- 5.3 One High Volume Sampler (HVS) in compliance with the following specifications was provided by the Contractor as mentioned in the Particular Specification of the Contract for carrying out the TSP monitoring:
- (a) 0.6 -1.7 m<sup>3</sup> /min (20-60 SCFM) adjustable flow range;
  - (b) equipped with a timing/control device with  $\pm 5$  minutes accuracy for 24 hours operation;
  - (c) installed with elapsed-time meter with  $\pm 2$  minutes accuracy for 24 hours operation;
  - (d) capable of providing a minimum exposed area of 406 cm<sup>2</sup> (63 in<sup>2</sup>);
  - (e) flow control accuracy:  $\pm 2.5\%$  deviation over 24-hour sampling period;
  - (f) equipped with a shelter to protect the filter and sampler;
  - (g) incorporated with an electronic mass flow rate controller or other equivalent devices;
  - (h) equipped with a flow recorder for continuous monitoring;
  - (i) provided with a peaked roof inlet;
  - (j) incorporated with a manometer;
  - (k) able to hold and seal the filter paper to the sampler housing at horizontal position;
  - (l) easy to change the filter; and
  - (m) capable of operating continuously for 24-hour period.
- 5.4 The HVS was equipped with an electronic mass flow controller and can be calibrated against a traceable standard at regular intervals. All the equipment, calibration kit, filter papers, etc. were clearly labelled.
- 5.5 Initial calibration of dust monitoring equipment had been conducted upon installation and thereafter at bimonthly intervals. The transfer standard shall be traceable to the internationally recognised primary standard and be calibrated annually. The calibration data shall be properly documented for future reference. All the data shall be converted into standard temperature, and pressure condition.
- 5.6 The flow-rate of the sampler before and after the sampling exercise with the filter in position shall be verified to be constant and be recorded in the data sheet.
- 5.7 If the ET leader proposes to use a direct reading dust meter to measure 1-hr TSP levels, he/she shall submit sufficient information to the Engineer to prove that the instrument is capable of achieving comparable results as the HVS and may be used for the 1-hr sampling. The instrument should also be calibrated regularly, and the 1-hr sampling shall be determined periodically by HVS to check the validity and accuracy of the results measured by direct reading method.



5.8 Wind data monitoring equipment shall also be provided and set up at conspicuous locations for logging wind speed and wind direction near to the dust monitoring locations. The equipment installation location shall be proposed by the ET Leader and agreed with the Engineer. For installation and operation of wind data monitoring equipment, the following points shall be observed:

- the wind sensors shall be installed on masts at an elevated level 10m above ground so that they are clear of obstructions or turbulence caused by any buildings;
- the wind data shall be captured by a data logger and to be downloaded for processing at least once a month;
- the wind data monitoring equipment shall be re-calibrated at least once every six months; and
- wind direction shall be divided into 16 sectors of 22.5 degrees each.

5.9 In exceptional situations, the ET leader may propose alternative methods to obtain representative wind data upon approval from the Engineer.

#### **Laboratory Measurement/Analysis**

5.10 A clean laboratory with constant temperature and humidity control, and equipped with necessary measuring and conditioning instruments, to handle the dust samples collected, shall be available for sample analysis, and equipment calibration and maintenance. The laboratory should be HOKLAS accredited.

5.11 If an independent site laboratory is set up or a non-HOKLAS accredited laboratory is appointed to carry out the laboratory analysis, the laboratory equipment shall be approved by the Engineer and the measurement procedures shall be witnessed by the Engineer. The ET Leader shall provide the Engineer with one copy of the Title 40 of the Code of Federal Regulations, Chapter 1 (Part 50).

5.12 Clean filter paper with no pin holes, of size 8" x 10" shall be labelled before sampling. Filter paper shall be conditioned in a humidity controlled chamber for 24-hours and pre-weighed prior to use in any sampler.

5.13 After sampling, the filter paper loaded with dust shall be kept in a clean and tightly sealed plastic bag. The filter paper should then be returned to the laboratory for reconditioning in a humidity controlled chamber followed by precision weighing using an electronic balance which, is capable of weighing down to 0.1 mg. The balance shall be regularly calibrated against a traceable standard.

5.14 All the collected samples shall be kept in a good condition for 6 months before disposal.

#### **Monitoring Locations**

5.15 The air quality sensitive receivers identified in the EIA study are shown in Figure 5.1 and the co-ordinates of monitoring station is shown in Table 5.1. As recommended in the revised EM&A Manual, a monitoring station (Rooftop of House No. 76 in Fo Tan Village) is used for dust monitoring.

**Table 5.1 Co-ordinates of the Air Quality Monitoring Station**

<b>Station No.</b>	<b>Location</b>	<b>Northing</b>	<b>Easting</b>
Fo Tan Village	Rooftop of House No. 76 in Fo Tan Village	828385.7	838257.2

5.16 If an alternative monitoring location is proposed in future, the following criteria should be followed:-

- at the site boundary or such location close to the major dust emission source;
- close to the sensitive receptors; and
- take into account the prevailing meteorological conditions.

5.17 During positioning the samplers, the following points shall be noted:

- (a) a horizontal platform with appropriate support to secure the samplers against gusty wind should be provided;
- (b) the distance between the sampler and an obstacle, such as buildings, must be at least twice the height that the obstacle protrudes above the sampler;
- (c) a minimum of 2 metres of separation from walls, parapets and penthouses is required for rooftop samplers;
- (d) a minimum of 2 metres separation from any supporting structure, measured horizontally is required;
- (e) no furnace or incinerator flue is nearby;
- (f) airflow around the sampler is unrestricted;
- (g) the sampler is more than 20 metres from any dripline;
- (h) any wire fence and gate, to protect the sampler, should not cause any obstruction during monitoring;
- (i) permission must be obtained to set up the samplers and to obtain access to the monitoring stations; and
- (j) a secure supply of electricity is available.

#### Action and Limit Level

5.18 Table 5.2 indicates the format for calculating the Action and Limit Levels. The Action and Limit (AL) Level for Contract HY/99/02 are  $178\mu\text{g}/\text{m}^3$  and  $260\mu\text{g}/\text{m}^3$  (24-hr TSP), and  $323\mu\text{g}/\text{m}^3$  and  $500\mu\text{g}/\text{m}^3$  (1-hr TSP) respectively. The AL level obtains from baseline study which are being used as a reference which may be revised at a later stage if deemed necessary.

**Table 5.2 Format for calculating Action and Limit Levels**

Parameters	Action	Limit
24 Hour TSP (Level in $\mu\text{g}/\text{m}^3$ )	178	260
1 Hour TSP (Level in $\mu\text{g}/\text{m}^3$ )	323	500

#### Air Quality Impact Monitoring Results

5.19 Major works carried out in Contract HY/99/02 Contractor in this report period are shown in Section 3.

- 5.20 Impact monitoring shall be carried out throughout the construction period. As suggested by the revised EM&A approved by EPD, regular impact monitoring for 24-hr TSP have been taken at frequency of once in every six-days. 1-hr TSP are also monitored at frequency of three times in every six-days.
- 5.21 The specific time to start and stop the 24-hr TSP monitoring have be clearly defined and strictly followed by the ET for each location.
- 5.22 Air quality impact monitoring was carried out at one monitoring station (Rooftop of House No. 76 in Fo Tan Village) as shown in Figure 5.1 in December 2002. The results are summarized in Table 5.3.

**Table 5.3 Summary of Air Quality Monitoring Results**

Parameter	Range of Results	No. of Exceedances	
		Action Levels	Limit Levels
1-hr TSP	57 µg/m <sup>3</sup> – 139 µg/m <sup>3</sup>	0	0
24-hr TSP	39 µg/m <sup>3</sup> – 77 µg/m <sup>3</sup>	0	0

- 5.23 The 1-hr TSP levels ranged between 57 µg/m<sup>3</sup> and 139 µg/m<sup>3</sup>. The 24-hr TSP levels ranged between 39 µg/m<sup>3</sup> and 77 µg/m<sup>3</sup>.
- 5.24 Table 5.4 shows the total number of samples taken, the number of AL Levels being exceeded and their corresponding date of exceedance at designated station - Rooftop of House No. 76 in Fo Tan Village. In this reporting period, no exceedance was found in both 1-hr TSP and 24-hr TSP monitoring.

**Table 5.4 Total no. of measurements and exceedances of the AL Levels for air quality monitoring**

No. of samples	1-hr TSP Monitoring				No. of samples	24-hr TSP Monitoring			
	No. and Date of Exceedances					No. and Date of Exceedances			
	Action		Limit			Action		Limit	
15	0	-	0	-	5	0	-	0	-

Note: Limit Level exceedence excludes Action Level.

- 5.25 Air quality impact monitoring data are presented in tabular and graphical format in Tables 5.5 and 5.6. The results indicate that no TSP exceedance was recorded in this reporting period and no measurements had to be cancelled due to adverse weather condition.

**Table 5.5 1-hr TSP Monitoring Results**

Date	Sampling time (Hours)	Average flow rate (m <sup>3</sup> /min)	TSP (µg/m <sup>3</sup> )	No. of exceedances	
				Action	Limit
3 December 2002	1	1.08	139	0	0
4 December 2002	1	1.08	93		
5 December 2002	1	1.08	139		
	Mean		124		
9 December 2002	1	1.13	103	0	0
10 December 2002	1	1.13	118		
11 December 2002	1	1.13	74		
	Mean		98		
14 December 2002	1	1.08	123	0	0
16 December 2002	1	1.06	79		
17 December 2002	1	1.06	63		
	Mean		88		
20 December 2002	1	1.11	77	0	0
21 December 2002	1	1.11	60		
23 December 2002	1	1.11	75		
	Mean		71		
27 December 2002	1	1.16	57	0	0
28 December 2002	1	1.24	81		
30 December 2002	1	1.24	94		
	Mean		77		
	Total no. of exceedances		0	0	0
	Maximum		139	-	-
	Minimum		57	-	-
	Mean		93	-	-

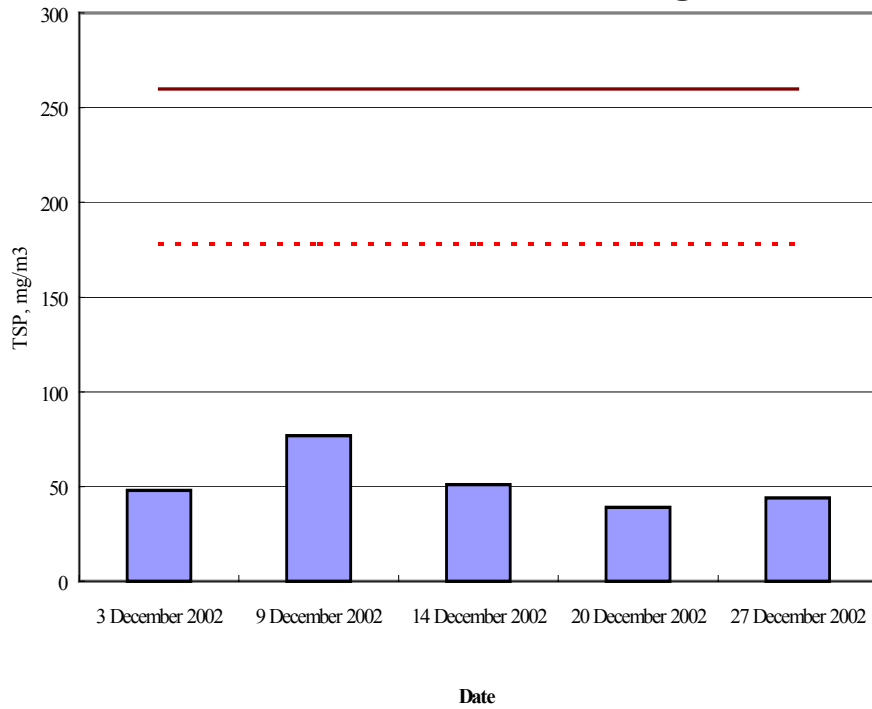
**Table 5.6 24-hr TSP Monitoring Results**

Date	Sampling time (Hours)	Average flow rate (m <sup>3</sup> /min)	TSP (µg/m <sup>3</sup> )	No. of exceedances	
				Action	Limit
3 December 2002	24	1.19	48	0	0
9 December 2002	24	1.13	77	0	0
14 December 2002	24	1.19	51	0	0
20 December 2002	24	1.11	39	0	0
27 December 2002	24	1.16	44	0	0
	Total no. of exceedances		0	0	0
	Maximum		77	-	-
	Minimum		39	-	-
	Mean		52	-	-

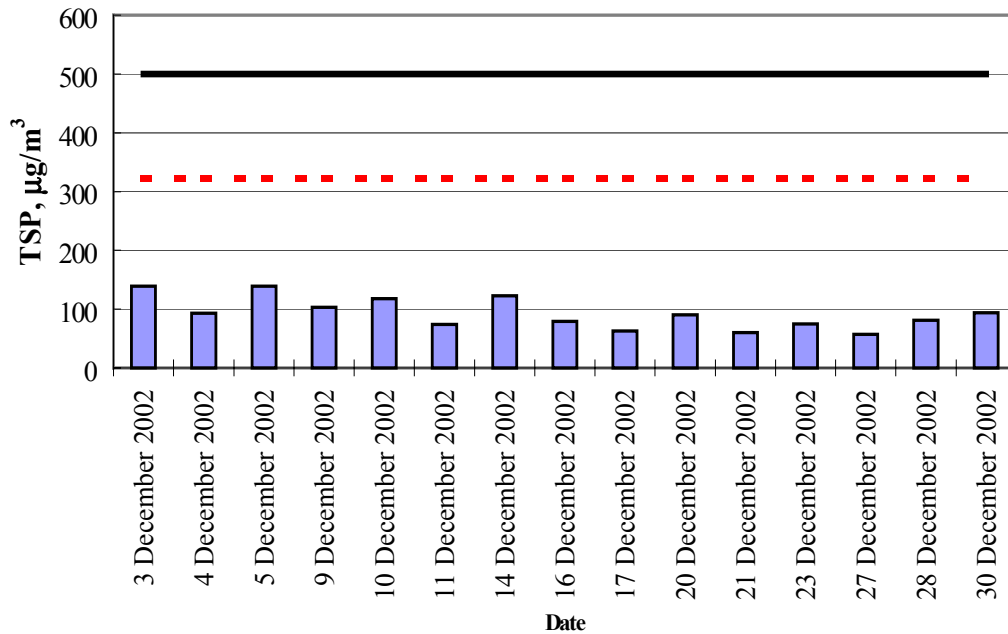
Note :

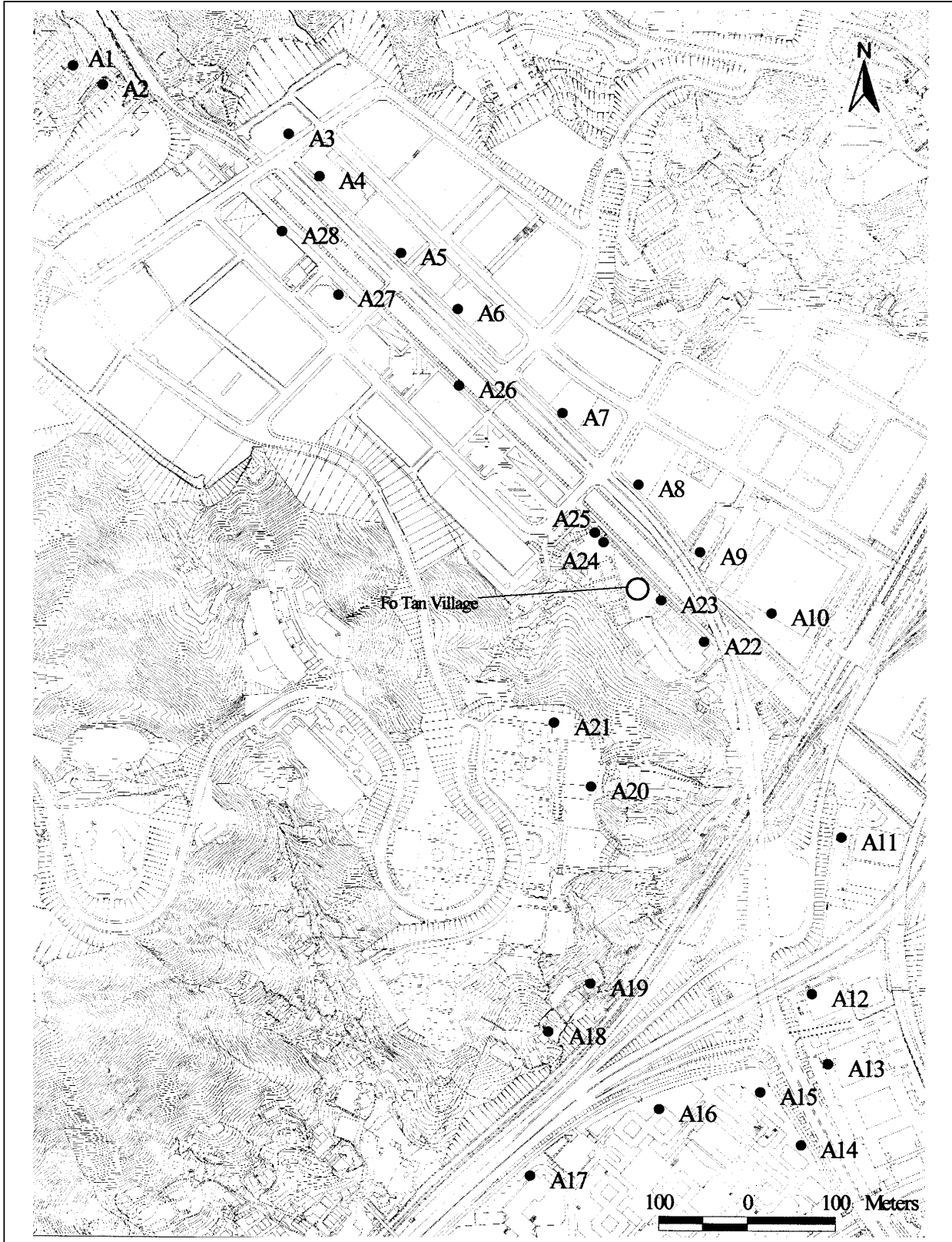
- 3, 9, 14, 20 and 27 December 2002 were selected for 24-hour air quality sampling as the activities carried out on the above days potentially generate the highest dust nuisance to the residents.


### 24-hr TSP in Fo Tan Village



### 1-hr TSP in Fo Tan Village





	Title:	Mott Connell Limited
	<b>Air Quality Sensitive Receivers with the Suggested Dust Monitoring Location for Air Quality Impact Monitoring</b>	Contract No.: HY/99/02
		Drawing No.: Figure 5.1

## 6. NOISE LEVEL MONITORING

### Noise Parameters

- 6.1 The construction noise level was measured in terms of the A-weighted equivalent continuous sound pressure level ( $L_{eq}$ ).  $L_{eq}(30 \text{ min})$  shall be used as the monitoring parameter for the time period between 0700-1900 hours on normal weekdays.
- 6.2 In addition to the foregoing, information for data auditing statistical results such as  $L_{10}$  and  $L_{90}$  were also obtained for reference. A sample data record sheet is shown in Table 6.2 for reference.

### Monitoring Equipment

- 6.3 Two sound level meters, which comply with the International Electrotechnical Commission Publications 651: 1979 (Type 1) and 804: 1985 (Type 1) specifications and a acoustic calibrator were provided by the Contractor and used for the monitoring of site activities related to this Contract. The accuracy of the sound level meter shall be checked using an acoustic calibrator generating a known sound pressure level at a known frequency, immediately prior to and following each noise measurement. Measurements may be accepted as valid only if the calibration level before and after taking the noise measurements are accurate to within 1.0dB.
- 6.4 Noise measurements should not be made in the presence of fog, rain, wind with a steady speed exceeding  $5\text{ms}^{-1}$ , or wind with gusts exceeding  $10 \text{ ms}^{-1}$ . The wind speed was checked with a portable anemometer capable of measuring the wind speed in  $\text{ms}^{-1}$ .
- 6.5 The ET Leader is responsible for the provision of the monitoring equipment. He/she ensures that sufficient noise measuring equipment and associated instrumentation are available for carrying out the baseline monitoring regular impact monitoring and ad hoc monitoring. All the equipment and associated instrumentation shall be clearly labelled.

### Monitoring Locations

- 6.6 The construction noise sensitive receivers identified in EIA study are shown in Figure 6.1 and the co-ordinates are shown in Table 6.1. Based on the Section 3.5-Construction Noise Monitoring of revised EM&A Manual (Revision C), the selected representative locations of the noise sensitive receivers for the month of December 2002 are CN3, CN6, CN8, CN11, CN12 and CN13 as shown in Figure 6.2. These NSR's have been selected as the construction activities were conducted at various locations along Fo Tan Road as shown in Section 3. Details of the recommended monitoring schedules are given in Sections 6.8 to 6.11. Monitoring at these stations is to be undertaken when noisy construction activities are undertaken. These monitoring locations should not be considered to be contractually binding and should the ET find that there are practical reasons for changing these the details should be presented to the Engineer for agreement. Any alternative monitoring locations should reflect the need to protect NSR's from major site activities which are likely to have noise impacts. Care should be taken to avoid disturbance to the occupants during monitoring.



**Table 6.1 Co-ordinates of the Noise Monitoring Stations**

Station No.	Location	Northing	Easting
CN1	Kwai Tei New Village	832306.5	834352.6
CN2	Pak Tak Yuen	832302.3	834420.7
CN3	Shan Mei Street Junction	828542.9	838135.8
CN4	Village House, south of nullah	828520.3	838170.5
CN5	Village House, south of nullah	828460.7	838220.5
CN6	House No. 76, Fo Tan Village	828400.1	838267.2
CN7	Village House, north west of Tai Po Road	828000.8	838140.6
CN8	Jockey Club Ti-I College	828095.8	838392.9
CN9 & 12	Sha Tin Institute of Vocational Education	828010.1	838375.8
CN10	High rise, Wo Che Estate	827870.6	838220.5
CN11	Wo Che Estate	827864.3	838351.5
CN13	HK WCA Wong Ming Him Memorial School	827815.7	838387.2
CN14	Belair Gardens	827450.1	838645.4
CN15	Pat Tsz Wo Village	832285.4	834425.9

6.7 The monitoring station shall normally be at a point 1m from the exterior of the sensitive receivers building facade and be a position 1.2m above the floor level. If there is a problem with access to the normal monitoring position, an alternative position may be chosen, and a correction to the measurements shall be made. For reference, a correction of +3 dB(A) shall be made to the free field measurements. The ET Leader shall agree with the Engineer on the monitoring position and the corrections adopted. Once the positions for the monitoring stations have been agreed, the baseline monitoring and the impact monitoring shall be carried out at the same positions.

**Impact Monitoring Requirements**

6.8 Construction noise monitoring shall be carried out for one 30 minute period six times per week (i.e. 30 minutes x 6 times per week = 3 hours per week) at each selected representative noise monitoring station when construction noise monitoring is made at locations and the construction periods are as covered by Table 7.4.1 of the approved EIA report (i.e. CN3, CN4, CN5, CN6, CN9, CN11, CN12 and CN13).

6.9 For the remaining construction noise monitoring made at locations and construction periods not covered by Table 7.4.1 (i.e. CN1, CN2, CN7, CN8, CN10, CN14 and CN15), noise monitoring shall be carried out for one 30 minute period three times per week on separate days (i.e. 30 minutes x 3 times per week = 1.5 hours per week) at each selected representative noise monitoring station.

6.10 A minimum of three locations should be selected for noise monitoring during any time of the construction period. These three locations whether covered by Table 7.4.1 or not, are chosen according to those which are closest to ongoing construction activities. The priority of the selection of these representative construction noise monitoring locations should be made at the locations and construction periods covered by Table 7.4.1 (i.e. CN3, CN4, CN5, CN6, CN9, CN11, CN12 and CN13), especially the locations at CN3, CN6 and CN13 (i.e. with the long duration of exceedances arising from construction activities predicted in the approved EIA report).

6.11 Additionally, noise monitoring ( $L_{eq}$  (30 min)) shall be carried out at the two schools during the school examination periods. The ET Leader shall liaise with the school's personnel and the Examination Authority to ascertain the exact dates and times of all examination periods during the course of the contract.

6.12 In case of non-compliance with the construction noise criteria, more frequent monitoring as specified in the Action Plan in Table 4.4 shall be carried out. Additional monitoring will continue until the recorded noise levels are rectified or proved to be unrelated to the construction activities.



**Table 6.2 Noise Monitoring Field Record Sheet**

Contract No. HY/99/02  
 Widening of Fo Tan Road and Related Improvement Measures in Fo Tan

Noise Monitoring Field Record Sheet

Date of Monitoring : \_\_\_\_\_

Measurement Time Length (min) : 30min / reading

Calibrator Model/Identification : Brüel & Kjaer 4241

Noise Meter Model/Identification : 2238 (2KS000202-1) & (2KS000202-2)

Description of Location : CN1: Kwei Tei New Village; CN2: Pak Tak Yuen; CN3: Shan Mei Street  
 [( )=Daytime/Evening/Night Time: Junction (75.1/73.6/73.4); CN6: No. 66 Fo Tan Village (65.3/61.2/59.6);  
 Baseline Monitoring Data] CN8: Jockey Club Ti-I College (73.9/71.5/70.8)  
CN9 & 12 = Shan Tin Institute of Vocational Education (69.4/66.2/65.7);  
CN11: Wo Che Estate (Roof: 73.4/68.0/67.9, Ground: 67.1/62.0/64.1);  
CN13: Wo Che School (70.9/65.5/64.2); CN15: Pat Tsz Wo Village

Measurement Results			
Station	CN		CN
Equipment used	1 / 2		1 / 2
Reading 1	Measurement Start Time (hh:mm)		
	L <sub>eq</sub> / L <sub>90</sub> / L <sub>10</sub> (dB(A))		/ / /
	Major Construction Noise Source(s) During Monitoring	Activities	
		Plants	
	Other Noise Source(s) During Monitoring		
	Wind speed (m/s)		
	Measurement Start Time (hh:mm)		
L <sub>eq</sub> / L <sub>90</sub> / L <sub>10</sub> (dB(A))		/ / /	
Reading 2	Major Construction Noise Source(s) During Monitoring	Activities	
		Plants	
	Other Noise Source(s) During Monitoring		
Wind speed (m/s)			
Record by			
Remarks			

Notes:

- This record to be kept in file no. 39 (Environmental record)
- Noise measurements should not be made in the presence of fog, rain, wind with a steady speed exceeding 5ms<sup>-1</sup>, or wind with gusts exceeding 10ms<sup>-1</sup>.
- Collect equipment at General office and return it after use

### Action and Limit Levels

6.13 The Action and Limit noise levels for this Contract are presented in Table 6.3.

**Table 6.3 Action and Limit Levels for Noise Level Monitoring**

Time Period	Action	Limit
0700-1900 hrs on normal weekdays	When one documented complaint is received	75* dB(A)
0700-2300 hrs on holidays; and 1900-2300 hrs on all other days		60/65/70** dB(A)
2300-0700 hrs on all days		45/50/55** dB(A)

\* reduce to 70 dB(A) for schools and 65 dB(A) during school examination periods.

\*\* to be selected based on Area Sensitivity Rating.

### Noise Level Impact Monitoring Results

6.14 Major works carried out in Contract HY/99/02 Contractor in this report period as shown in Section 3.

6.15 The results for noise level impact monitoring at locations:

CN3 (Shan Mei Street Junction),  
 CN6 (House No. 76, Fo Tan Village);  
 CN8 (Jockey Club T-I College);  
 CN11 (Wo Che Estate);  
 CN12 (Hong Kong Institute of Vocational Education, Sha Tin); and  
 CN13 (HK WCA Wong Ming Him Memorial School)

as shown in Figure 6.2 during the Unrestricted Period in December 2002 are summarized in Table 6.4. The limit level of 75 dB(A) for domestic premises, of 70dB(A) for schools and 65dB(A) during school examination periods were not breached in this reporting period.

**Table 6.4 Total no. of measurements and exceedances of AL Levels for noise level monitoring**

Parameter	Location	Range of Results	No. of date of exceedance				No. of measurement
			Action Levels		Limit Levels		
Unrestricted Period L <sub>eq</sub> (30min)	CN3	All below baseline	0	-	0	-	21
	CN6	65.5 dB(A) – 69.6 dB(A)	0	-	0	-	20
	CN8	All below baseline	0	-	0	-	19
	CN11	All below baseline	0	-	0	-	24
	CN12	64.3 dB(A) – 68.3 dB(A)	0	-	0	-	13
	CN13	54.2 dB(A) – 62.9 dB(A)	0	-	0	-	24
Total			0		0		121

- 6.16 There was no examination in the month of December 2002 at Hong Kong Institute of Vocational Education, Sha Tin (i.e. CN12) and HK WCA Wong Ming Him Memorial School (i.e. CN13). There were examinations from 6 to 16 December 2002 at Jockey Club T-I College (i.e.CN8).
- 6.17 All noise impact measurements are tabulated and presented graphically in Table 6.5. The results indicate that the limit level of 75dB(A) for domestic premises and 70dB(A) for schools and 65dB(A) for examination period were not breached in this reporting period. Noise monitoring on 11/12/02 pm and 20/12/02 at CN3, CN6 and CN8. were cancelled due to adverse weather conditions. Due to the continued adverse weather condition, no alternative noise measurements could be made within these periods. It should be noted from the tables below that during those periods when noise levels were recorded, full compliance with the standards was achieved for the same construction activities.

**Table 6.5 All measurements from noise level monitoring in December 2002**

CN3	Major Construction Activities	Activities in Table 7.4.1 of EIA
Week 1: 2 Dec (Mon) – 8 Dec (Sun)	1. Site Preparation 2. Roadworks	N N
Week 2: 9 Dec (Mon) – 15 Dec (Sun)	3. Site Preparation 4. Breaking existing parapet wall 5. Roadworks	N N N
Week 3: 16 Dec (Mon) – 22 Dec (Sun)	6. Site Preparation 7. Restatement of SMSWB 8. Roadworks	N N N
Week 4: 23 Dec (Mon) – 29 Dec (Sun)	9. Site Preparation 10. Restatement of SMSWB 11. Roadworks	N N N
Week 5: 30 Dec (Mon) – 31 Dec (Tue)	12. Site Preparation 13. Restatement of SMSWB 14. Roadworks	N N N

CN3		Time	Measured Leq(30min)	Baseline Reading Used	L <sub>eq</sub> (30min) after deduction from baseline	Noise Standards
2-Dec-02	Mon	09:30	73.6	<i>76.6</i>	#	75
		13:45	74.2	<i>75.7</i>	#	75
3-Dec-02	Tue	10:00	73.4	<i>76.6</i>	#	75
		13:45	73.8	<i>75.7</i>	#	75
6-Dec-02	Fri	09:15	74.3	<i>76.6</i>	#	75
		13:15	74.2	<i>75.7</i>	#	75
9-Dec-02	Mon	09:30	73.6	<i>76.6</i>	#	75
		13:30	74.1	<i>75.7</i>	#	75
11-Dec-02	Wed	10:00	73.8	<i>76.6</i>	#	75
12-Dec-02	Thu	10:00	73.2	<i>76.6</i>	#	75
		14:00	73.4	<i>75.7</i>	#	75
17-Dec-02	Tue	09:30	73.1	<i>76.6</i>	#	75
		13:15	73.4	<i>75.7</i>	#	75
19-Dec-02	Thu	09:30	73.4	<i>76.6</i>	#	75
		13:15	74.2	<i>75.7</i>	#	75
23-Dec-02	Mon	09:30	74.2	<i>76.6</i>	#	75
		13:30	73.4	<i>75.7</i>	#	75
24-Dec-02	Tue	09:30	73.8	<i>76.6</i>	#	75
		13:30	74.2	<i>75.7</i>	#	75
31-Dec-02	Tue	09:15	73.8	<i>76.6</i>	#	75
		13:30	74.3	<i>75.7</i>	#	75
Min Level, dB(A)		#				
Max Level, dB(A)		#				

Notes:

- Noise standards for domestic premises, for schools and for schools during examination period are 75dB(A), 70dB(A) and 65dB(A) respectively.
- Refer to baseline report for details of data collected over specified time period i.e. impact monitoring carried out at 9:35am has baseline data ascribed for 9:30am-10:00am.
- Reading shown as 'Italics' denotes that for impact monitoring conducted for periods out with those for baseline, the closest relevant time period was used. The logic behind the selection of the time slot was that as traffic noise dominates, then the period of day which most closely resembles the traffic conditions should be used. For example, impact monitoring at 15:30pm on Tai Po road, falls within a traffic flow of 6420 vehicles/hr and 53% HGV which equates to period between 11:00am and 12:00pm. So, the relevant baseline can be used.
- Reading shown as '# ' denotes measurement after deduction from the background noise is below the respective baseline reading.
- The following scheduled noise measurement was cancelled due to typhoon or rain: 11/12/2002 pm and 20/12/2002.

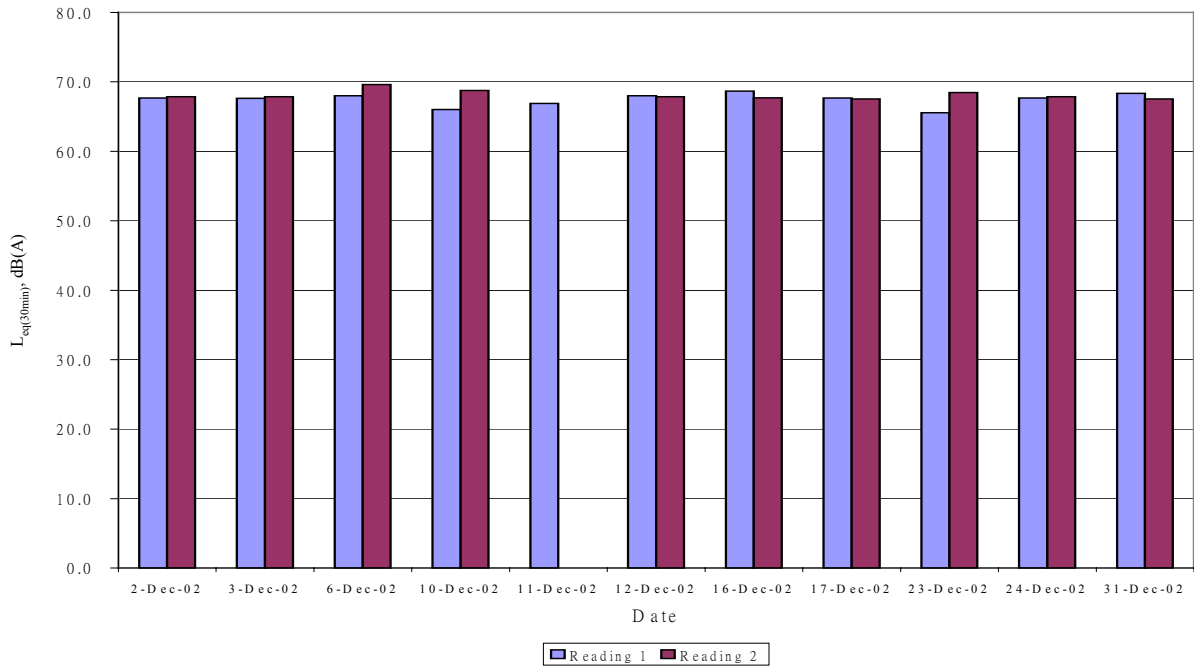
CN6	Major Construction Activities	Activities in Table 7.4.1 of EIA
Week 1: 2 Dec (Mon) – 8 Dec (Sun)	1. Site Preparation 2. Curing of concrete 3. Erection of formwork	Y N N
Week 2: 9 Dec (Mon) – 15 Dec (Sun)	4. Site Preparation 5. Curing of concrete 6. Erection of formwork	Y N N
Week 3: 16 Dec (Mon) – 22 Dec (Sun)	7. Site Preparation 8. Curing of concrete 9. Erection of formwork	Y N N
Week 4: 23 Dec (Mon) – 29 Dec (Sun)	10. Site Preparation 11. Curing of concrete 12. Erection of formwork	Y N N
Week 5: 30 Dec (Mon) – 31 Dec (Tue)	13. Site preparation 14. Excavation works 15. Noise-Barrier installation	Y N N

CN6		Time	Measured Leq(30min)	Baseline Reading Used	L <sub>eq</sub> (30min) after deduction from baseline	Noise Standards
2-Dec-02	Mon	10:10	70.4	<i>67.1</i>	67.7	75
		14:15	69.8	<i>65.4</i>	67.8	75
3-Dec-02	Tue	10:30	70.2	<i>66.7</i>	67.6	75
		14:15	69.8	<i>65.4</i>	67.8	75
6-Dec-02	Fri	10:20	70.4	<i>66.7</i>	68.0	75
		13:50	71	<i>65.4</i>	69.6	75
10-Dec-02	Tue	10:00	69.6	<i>67.1</i>	66.0	75
		14:00	70.4	<i>65.4</i>	68.7	75
11-Dec-02	Wed	10:30	69.8	<i>66.7</i>	66.9	75
12-Dec-02	Thu	10:30	70.4	<i>66.7</i>	68.0	75
		14:30	69.8	<i>65.4</i>	67.8	75
16-Dec-02	Mon	09:15	70.6	<i>66.2</i>	68.6	75
		13:30	69.7	<i>65.4</i>	67.7	75
17-Dec-02	Tue	10:05	70.4	<i>67.1</i>	67.7	75
		13:50	69.6	<i>65.4</i>	67.5	75
23-Dec-02	Mon	10:00	69.4	<i>67.1</i>	65.5	75
		14:00	70.2	<i>65.4</i>	68.5	75
24-Dec-02	Tue	10:00	70.4	<i>67.1</i>	67.7	75
		14:00	69.8	<i>65.4</i>	67.8	75
31-Dec-02	Tue	09:45	70.4	<i>66.2</i>	68.3	75
		14:00	69.6	<i>65.4</i>	67.5	75
Min Level, dB(A)		65.5				
Max Level, dB(A)		69.6				

Notes:

- Noise standards for domestic premises, for schools and for schools during examination period are 75dB(A), 70dB(A) and 65dB(A) respectively.
- Refer to baseline report for details of data collected over specified time period i.e. impact monitoring carried out at 9:35am has baseline data ascribed for 9:30am-10:00am
- Reading shown as 'Italics' denotes that for impact monitoring conducted for periods out with those for baseline, the closest relevant time period was used. The logic behind the selection of the time slot was that as traffic noise dominates, then the period of day which most closely resembles the traffic conditions should be used. For example, impact monitoring at 15:30pm on Tai Po road, falls within a traffic flow of 6420 vehicles/hr and 53% HGV which equates to period between 11:00am and 12:00pm. So, the relevant baseline can be used.
- Reading shown as '# ' denotes measurement after deduction from the background noise is below the respective baseline reading.
- The following scheduled noise measurement was cancelled due to typhoon or rain: 11/12/2002 pm and 20/12/2002.

### **Noise Impact Monitoring at CN6 (Unrestricted Period)**



CN8	Major Construction Activities	Activities in Table 7.4.1 of EIA
Week 1: 2 Dec (Mon) – 8 Dec (Sun)	1. Site Preparation 2. Drainage works 3. Roadworks	N N N
Week 2: 9 Dec (Mon) – 15 Dec (Sun)	4. Site Preparation 5. Drainage works 6. Roadworks	N N N
Week 3: 16 Dec (Mon) – 22 Dec (Sun)	7. Site Preparation 8. Renvation of Subway36	N N
Week 4: 23 Dec (Mon) – 29 Dec (Sun)	9. Site Preparation 10. Renvation of Subway36	N N
Week 5: 30 Dec (Mon) – 31 Dec (Tue)	11. Site Preparation 12. Renvation of Subway36 13. Roadworks	N N N

CN8		Time	Measured Leq(30min)	Baseline Reading Used	L <sub>eq</sub> (30min) after deduction from baseline	Noise Standards
2-Dec-02	Mon	14:50	71.1	<i>75.1</i>	#	70
4-Dec-02	Wed	13:30	71.6	<i>75.1</i>	#	70
5-Dec-02	Thu	09:30	70.1	<i>74</i>	#	70
		13:40	71.9	<i>75.1</i>	#	70
9-Dec-02	Mon	10:00	72.2	<i>74</i>	#	65
		14:00	71.6	<i>75.1</i>	#	65
11-Dec-02	Wed	11:00	71.8	<i>75.5</i>	#	65
13-Dec-02	Fri	09:30	72.1	<i>74</i>	#	65
		14:00	71.6	<i>75.1</i>	#	65
17-Dec-02	Tue	10:40	71.2	<i>74.7</i>	#	70
		14:25	71.8	<i>75.1</i>	#	70
18-Dec-02	Wed	09:10	72.2	<i>74</i>	#	70
		13:10	71.9	<i>75.1</i>	#	70
19-Dec-02	Thu	10:05	72.4	<i>74</i>	#	70
		13:50	71.8	<i>75.1</i>	#	70
23-Dec-02	Mon	14:30	71.6	<i>75.1</i>	#	70
24-Dec-02	Tue	14:30	71.6	<i>75.1</i>	#	70
30-Dec-02	Mon	09:30	71.2	<i>74</i>	#	70
31-Dec-02	Tue	10:15	68.1	<i>74</i>	#	70
Min Level, dB(A)				#		
Max Level, dB(A)				#		

Notes:

- Noise standards for domestic premises, for schools and for schools during examination period are 75dB(A), 70dB(A) and 65dB(A) respectively.
- Refer to baseline report for details of data collected over specified time period i.e. impact monitoring carried out at 9:35am has baseline data ascribed for 9:30am-10:00am
- Reading shown as 'Italics' denotes that for impact monitoring conducted for periods out with those for baseline, the closest relevant time period was used. The logic behind the selection of the time slot was that as traffic noise dominates, then the period of day which most closely resembles the traffic conditions should be used. For example, impact monitoring at 15:30pm on Tai Po road, falls within a traffic flow of 6420 vehicles/hr and 53% HGV which equates to period between 11:00am and 12:00pm. So, the relevant baseline can be used.
- Reading shown as ' # ' denotes measurement after deduction from the background noise is below the respective baseline reading.
- The following scheduled noise measurement was cancelled due to typhoon or rain: 11/12/2002 pm and 20/12/2002.

CN11	Major Construction Activities	Activities in Table 7.4.1 of EIA
Week 1: 2 Dec (Mon) – 8 Dec (Sun)	1. Site preparation 2. Road works 3. Placing concrete-Substructure	Y Y Y
Week 2: 9 Dec (Mon) – 15 Dec (Sun)	4. Site preparation 5. Road works 6. Renvation of Subway 39	Y Y N
Week 3: 16 Dec (Mon) – 22 Dec (Sun)	7. Site preparation 8. Road works 9. Renvation of Subway 39	Y Y N
Week 4: 23 Dec (Mon) – 29 Dec (Sun)	10. Site preparation 11. Road works 12. Renvation of Subway 39	Y Y N
Week 5: 30 Dec (Mon) – 31 Dec (Tue)	13. Site preparation 14. Road works 15. Renvation of Subway 39	Y Y N

CN11		Time	Measured Leq(30min)	Baseline Reading Used	Leq(30min) after deduction from baseline	Noise Standards
3-Dec-02	Tue	11:00	67.0	68.1	#	75
		14:50	67.2	70.1	#	75
4-Dec-02	Wed	09:30	67.3	67.4	#	75
		14:00	66.2	67.9	#	75
5-Dec-02	Thu	10:00	67.2	67.4	#	75
		14:25	68.2	70.1	#	75
10-Dec-02	Tue	10:30	66.2	67.9	#	75
		14:30	67.6	70.1	#	75
12-Dec-02	Thu	11:00	67.6	68.1	#	75
		15:00	68.9	70.1	#	75
13-Dec-02	Fri	10:00	67.3	67.4	#	75
		14:30	67.8	70.1	#	75
16-Dec-02	Mon	09:55	67.0	67.4	#	75
		14:10	66.1	67.9	#	75
18-Dec-02	Wed	09:40	67.1	67.4	#	75
		13:45	67.6	68.7	#	75
19-Dec-02	Thu	10:40	67.4	67.9	#	75
		14:30	68.0	70.1	#	75
23-Dec-02	Mon	10:30	66.2	67.9	#	75
		15:00	69.1	70.1	#	75
24-Dec-02	Tue	10:30	66.9	67.9	#	75
		15:00	66.9	70.1	#	75
30-Dec-02	Mon	10:00	66.3	67.4	#	75
		13:30	66.9	68.7	#	75
Min Level, dB(A)		#				
Max Level, dB(A)		#				

Notes:

- Noise standards for domestic premises, for schools and for schools during examination period are 75dB(A), 70dB(A) and 65dB(A) respectively.
- Refer to baseline report for details of data collected over specified time period i.e. impact monitoring carried out at 9:35am has baseline data ascribed for 9:30am-10:00am
- Reading shown as 'Italics' denotes that for impact monitoring conducted for periods out with those for baseline, the closest relevant time period was used. The logic behind the selection of the time slot was that as traffic noise dominates, then the period of day which most closely resembles the traffic conditions should be used. For example, impact monitoring at 15:30pm on Tai Po road, falls within a traffic flow of 6420 vehicles/hr and 53% HGV which equates to period between 11:00am and 12:00pm. So, the relevant baseline can be used.
- Reading shown as '# #' denotes measurement after deduction from the background noise is below the respective baseline reading.



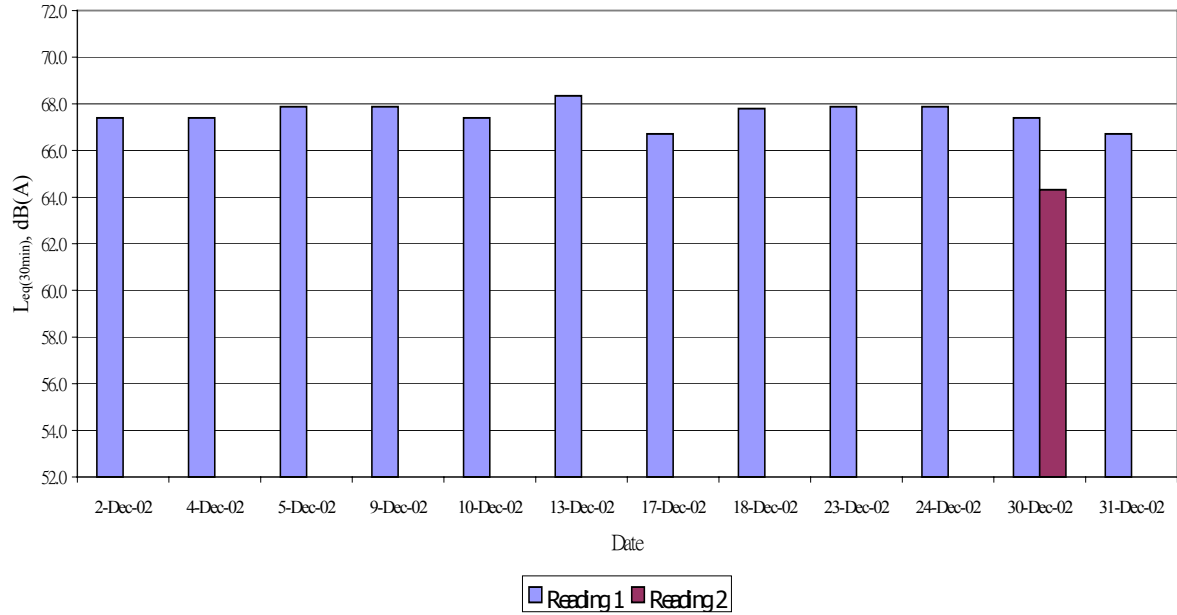
CN12	Major Construction Activities	Activities in Table 7.4.1 of EIA
Week 1: 2 Dec (Mon) – 8 Dec (Sun)	1. Site preparation	N
Week 2: 9 Dec (Mon) – 15 Dec (Sun)	2. Site Preparation	N
Week 3: 16 Dec (Mon) – 22 Dec (Sun)	3. Site Preparation	N
Week 4: 23 Dec (Mon) – 29 Dec (Sun)	4. Site Preparation	N
Week 5: 30 Dec (Mon) – 31 Dec (Tue)	5. Roadworks 6. Site Preparation	Y N

CN12		Time	Measured Leq(30min)	Baseline Reading Used	L <sub>eq</sub> (30min) after Deduction from baseline	Noise Standards
2-Dec-02	Mon	10:50	71.4	<i>69.2</i>	67.4	70
4-Dec-02	Wed	10:00	71.4	<i>69.2</i>	67.4	70
5-Dec-02	Thu	10:30	71.6	<i>69.2</i>	67.9	70
9-Dec-02	Mon	10:30	71.6	<i>69.2</i>	67.9	70
10-Dec-02	Tue	11:00	71.4	<i>69.2</i>	67.4	70
13-Dec-02	Fri	10:30	71.8	<i>69.2</i>	68.3	70
17-Dec-02	Tue	16:00	71.4	<i>69.6</i>	66.7	70
18-Dec-02	Wed	16:05	71.8	<i>69.6</i>	67.8	70
23-Dec-02	Mon	11:00	71.6	<i>69.2</i>	67.9	70
24-Dec-02	Tue	11:00	71.6	<i>69.2</i>	67.9	70
30-Dec-02	Mon	10:30	71.4	<i>69.2</i>	67.4	70
		14:00	71.6	<i>70.7</i>	64.3	70
31-Dec-02	Tue	14:30	71.4	<i>69.6</i>	66.7	70
Min Level, dB(A)		64.3				
Max Level, dB(A)		68.3				

Notes:

- Noise standards for domestic premises, for schools and for schools during examination period are 75dB(A), 70dB(A) and 65dB(A) respectively.
- Refer to baseline report for details of data collected over specified time period i.e. impact monitoring carried out at 9:35am has baseline data ascribed for 9:30am-10:00am
- Reading shown as 'Italics' denotes that for impact monitoring conducted for periods out with those for baseline, the closest relevant time period was used. The logic behind the selection of the time slot was that as traffic noise dominates, then the period of day which most closely resembles the traffic conditions should be used. For example, impact monitoring at 15:30pm on Tai Po road, falls within a traffic flow of 6420 vehicles/hr and 53% HGV which equates to period between 11:00am and 12:00pm. So, the relevant baseline can be used.
- Reading shown as '# ' denotes measurement after deduction from the background noise is below the respective baseline reading

## Noise Impact Monitoring at CN12 (Unrestricted Period)



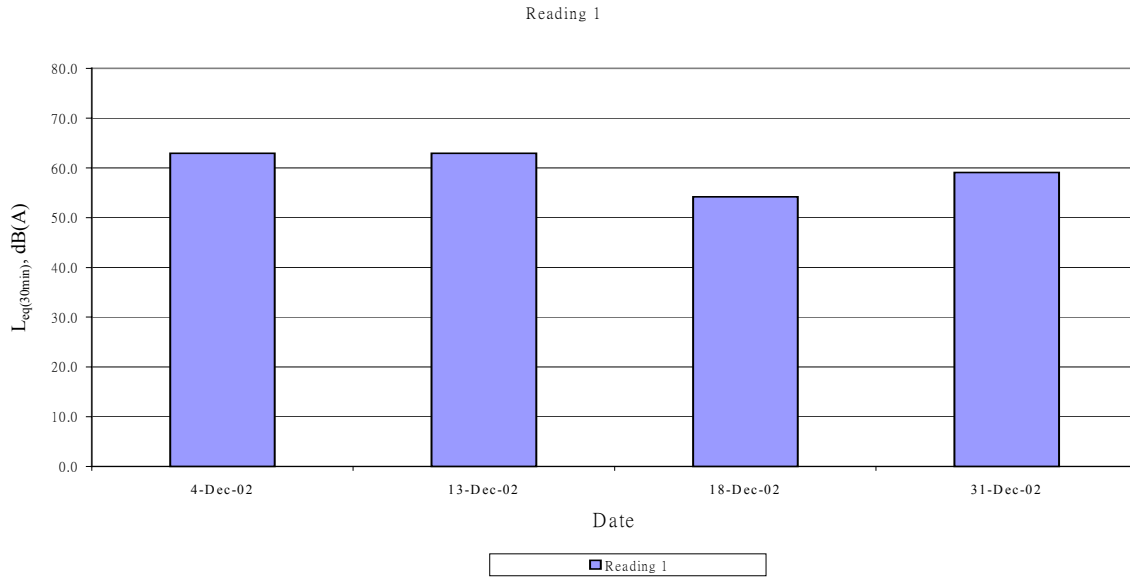
<u>CN13</u>	Major Construction Activities	Activities in Table 7.4.1 of EIA
Week 1: 2 Dec (Mon) – 8 Dec (Sun)	1. Site preparation 2. Extract sheet-pile of NS28,29 3. Erection of formwork of NS 29	Y N N
Week 2: 9 Dec (Mon) – 15 Dec (Sun)	4. Site Preparation 5. Reinstatement of Subway NS28 6. Erection of formwork of NS 29	Y N N
Week 3: 16 Dec (Mon) – 22 Dec (Sun)	7. Site Preparation 8. Reinstatement of Subway NS28 9. Erection of formwork of NS 29	Y N N
Week 4: 23 Dec (Mon) – 29 Dec (Sun)	10. Site preparation 11. Reinstatement of Subway NS28 12. Erection of formwork of NS 29	Y N N
Week 5: 30 Dec (Mon) – 31 Dec (Tue)	13. Site preparation 14. Reinstatement of Subway NS28 15. Erection of formwork of NS 29	Y N N

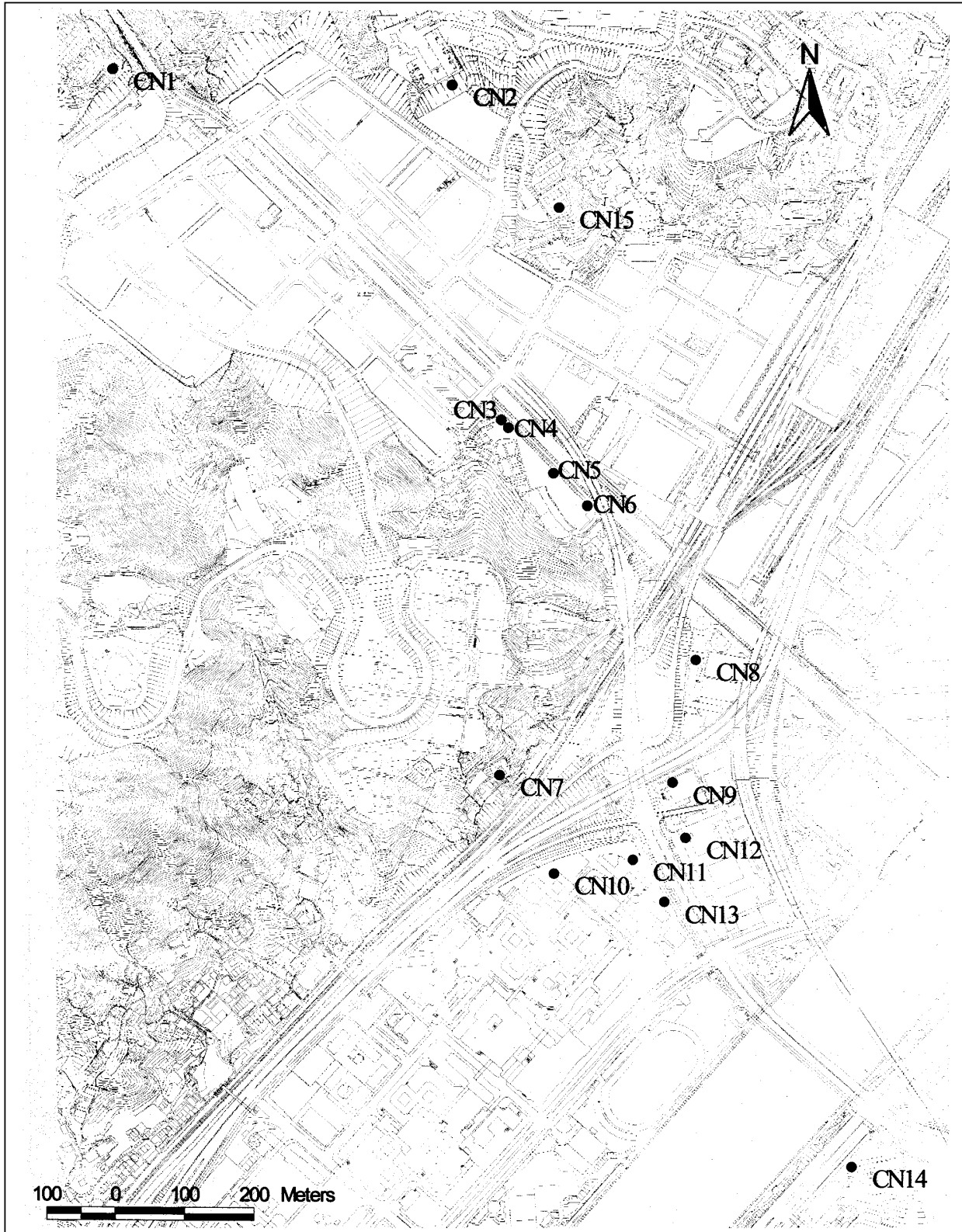
<u>CN13</u>		Time	Measured Leq(30min)	Baseline Reading Used	L <sub>eq</sub> (30min) after deduction from baseline	Noise Standards
4-Dec-02	Wed	10:30	70.6	<i>72.7</i>	#	70
		14:30	71.2	<i>70.5</i>	62.9	70
5-Dec-02	Thu	11:00	70.9	<i>71.7</i>	#	70
		15:00	70.4	<i>70.5</i>	#	70
6-Dec-02	Fri	11:00	70.9	<i>71.7</i>	#	70
		14:30	70.1	<i>70.5</i>	#	70
9-Dec-02	Mon	11:00	70.6	<i>71.7</i>	#	70
		14:30	70.2	<i>70.5</i>	#	70
10-Dec-02	Tue	11:30	70.6	<i>72.0</i>	#	70
		15:00	70.2	<i>70.5</i>	#	70
13-Dec-02	Fri	11:00	70.3	<i>71.7</i>	#	70
		15:00	71.2	<i>70.5</i>	62.9	70
16-Dec-02	Mon	10:30	70.6	<i>72.7</i>	#	70
		14:45	70.3	<i>70.5</i>	#	70
18-Dec-02	Wed	10:25	70.2	<i>72.7</i>	#	70
		14:20	70.6	<i>70.5</i>	54.2	70
23-Dec-02	Mon	11:30	70.4	<i>72</i>	#	70
		16:00	70.2	<i>70.5</i>	#	70
24-Dec-02	Tue	11:30	70.6	<i>72</i>	#	70
		16:00	70.2	<i>70.5</i>	#	70
30-Dec-02	Mon	11:00	70.6	<i>71.7</i>	#	70
		14:30	70.4	<i>70.5</i>	#	70
31-Dec-02	Tue	10:45	71.2	<i>72.7</i>	#	70
		15:00	70.8	<i>70.5</i>	59.0	70
Min Level, dB(A)		54.2				
Max Level, dB(A)		62.9				

Notes:

- Noise standards for domestic premises, for schools and for schools during examination period are 75dB(A), 70dB(A) and 65dB(A) respectively.
- Refer to baseline report for details of data collected over specified time period i.e. impact monitoring carried out at 9:35am has baseline data ascribed for 9:30am-10:00am
- Reading shown as 'Italics' denotes that for impact monitoring conducted for periods out with those for baseline, the closest relevant time period was used. The logic behind the selection of the time slot was that as traffic noise dominates, then the period of day which most closely resembles the traffic conditions should be used. For example, impact monitoring at 15:30pm on Tai Po road, falls within a traffic flow of 6420 vehicles/hr and 53% HGV which equates to period between 11:00am and 12:00pm. So, the relevant baseline can be used.
- Reading shown as '# ' denotes measurement after deduction from the background noise is below the respective baseline reading

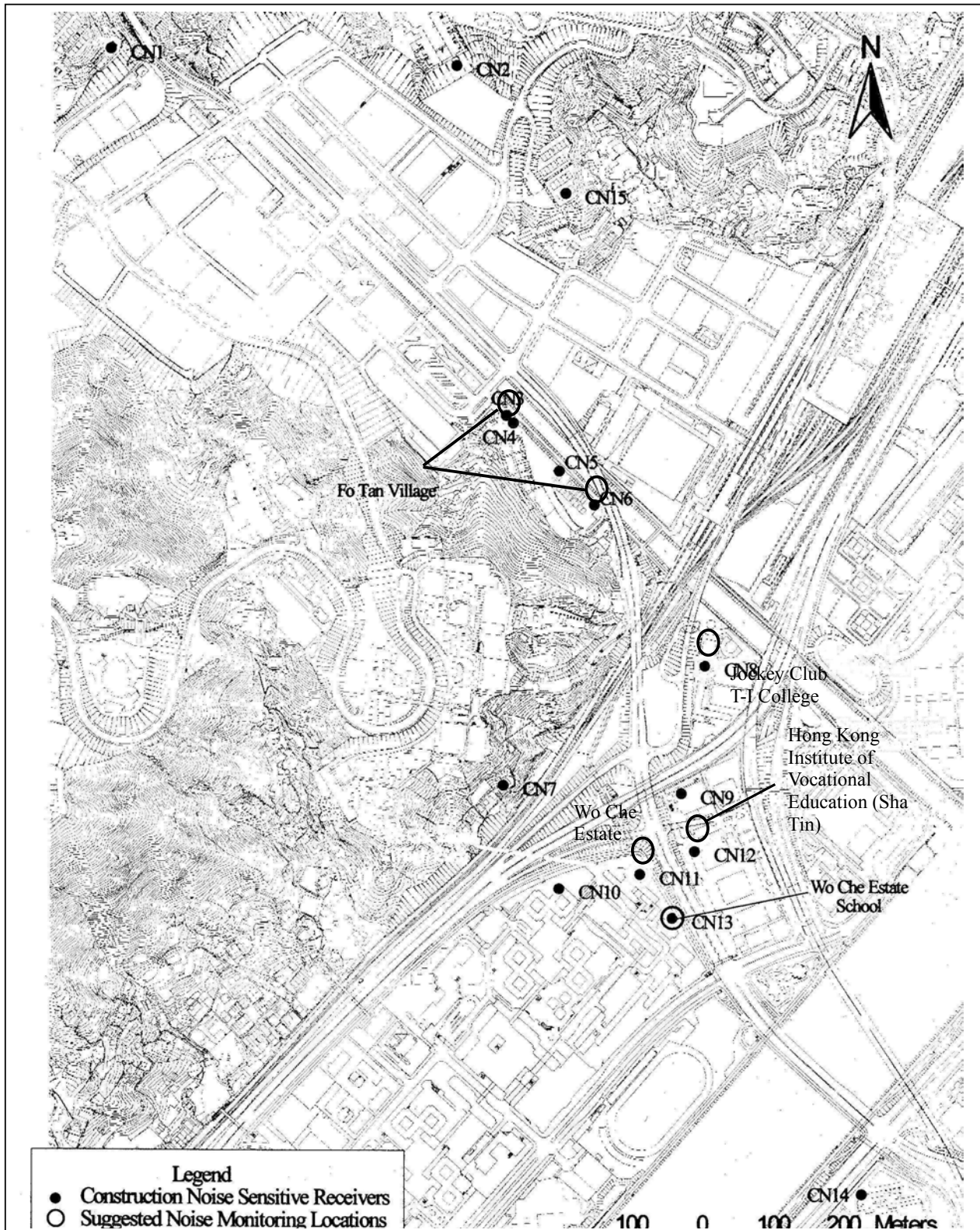
## Noise Impact Monitoring at CN13 (Unrestricted Period)






	Title:	<b>Mott Connell Limited</b>
	<b>Construction Noise Sensitive Receiver Locations</b>	<b>Contract No.: HY/99/02</b>
		<b>Drawing No.: Figure 6.1</b>





	Title: <b>Construction Noise Sensitive Receiver                  Locations with Suggested Locations for                  Impact Noise Monitoring</b>	<b>Mott Connell Limited</b>
		Contract No.: HY/99/02
		Drawing No.: Figure 6.2

## 7. WATER QUALITY MONITORING

### Water Quality Parameters

- 7.1 Monitoring for dissolved oxygen (DO), temperature, turbidity, suspended solids (SS), shall be undertaken at designated monitoring stations. The purpose of which is to ensure that any deterioration in water quality can be readily detected and timely action can be taken to resolve any problems. Also monitoring for temperature, pH, SS and oil & grease at the outlets of sedimentation tanks should be carried out. It should be noted that DO, temperature, turbidity and pH should be measured in-situ and the remaining parameters assayed in a laboratory.
- 7.2 In association with the water quality parameters, other relevant data shall also be measured, such as monitoring location/position, time, weather conditions, and any special phenomena and description of work underway at the construction site etc.

### Monitoring Equipment

- 7.3 The following equipment and facilities shall be provided by the ET and used for the monitoring of water quality impacts:

#### 7.3.1 Dissolved Oxygen and Temperature Measuring Equipment

- (a) The instrument should be portable and weatherproof using a DC power source. The equipment should be capable of measuring:
- a DO level in the range of 0-20 mg/l and 0-200% saturation; and
  - a temperature of between 0-45 degree Celsius.
- (b) It should have a membrane electrode with automatic temperature compensation complete with a cable.

#### 7.3.2 Turbidity Measurement Instrument

The instrument should be a portable, weatherproof, and use a DC power source. It should have a photoelectric sensor capable for measuring turbidity between 0-1000 NTU, such as a Hach model 2100P or a similar approved instrument.

#### 7.3.3 Sample Containers and Storage

- (a) Water samples for SS analysis should be stored in high density polythene bottles with no preservative added, packed in ice (cooled to 4°C without being frozen), delivered to the laboratory, and analysed as soon as possible after collection.
- (b) Water samples for oil & grease measurement should be stored in glass bottles, acidified to pH 2 or lower with 1:1 HCl, packed in ice (cooled to 4°C without being frozen), and delivered to the laboratory as soon as possible after collection.

#### 7.3.4 Calibration of In-Situ Instruments

All pH meters, DO meters and turbidimeters shall be checked and calibrated prior to use. DO meters and turbidimeters shall be calibrated by a laboratory accredited under HOKLAS or any other international accreditation scheme, and subsequently re-calibrated at 3 monthly intervals throughout all stages of the water quality monitoring. Responses of sensors and electrodes shall be checked with certified standard solutions before each use. Wet bulb calibrations for all DO meters shall be carried out before measurement at each monitoring location.



For the on site calibration of field equipment, BS 127:1993, "Guide to field and on-site test methods for the analysis of waters" should be observed.

7.3.5 Laboratory Measurement/Analysis  
 Analysis shall be carried out in a HOKLAS or other international accredited laboratory. If a site laboratory is set up or a non-HOKLAS or non-international accredited laboratory is hired for carrying out the laboratory analysis, the laboratory equipment, analytical procedures, and quality control shall be approved by the Engineer.

7.4 Sample volume and maximum storage time for each analytical parameter carried out in the laboratory are shown below in Table 7.1.

**Table 7.1 Water Sample Handling Requirements**

Analytical Parameter	Sample Volume Taken (ml)	Storage Temperature	Maximum Storage Time After Sampling
SS	500	4°C	24 hours
Oil & Grease	1000	4°C	7 days

7.5 Each sample shall be analysed in accordance with the APHA Standard Methods for the Examination of Water and Wastewater, 19th edition, or an equivalent method approved by the Engineer. If in-house or non-standard method is proposed, details of the method verification may be required to be submitted to the Engineer. In any circumstance, the sample testing shall comply with a comprehensive quality assurance and quality control programme. The laboratory should be prepared to demonstrate the quality programmes to the Engineer when requested.

**Monitoring Locations**

7.6 Water quality monitoring should be undertaken at all discharge points from the works area, which are normally outlets of the sedimentation tanks or desilting pits. The actual number of monitoring stations depends on the number of discharge points and may vary as construction proceeds.

7.7 No water quality samples were taken from any Sedimentation Pond Nos. 1, 2, 3, 4 and 5 in this reporting month, as there was no generation of wastewater from construction activities (i.e. no pre-bored H-piling works were carried out for the month of December 2002).

**Event and Action Level for Surface Water Quality**

7.9 All effluent subject to control by the TM are required to be licensed. Therefore, the discharges shall be required to comply with the effluent standard of effluent discharged into Tolo Harbour Coastal Waters and is shown in Table 7.2.

**Table 7.2 Selection of Effluent Standards Discharged into Coastal Waters of Tolo Water Control Zone**

Measurement Parameter	Effluent Standard
pH	6-9 (pH units)
Suspended solids	30 (mg/L)
Oil & Grease	20 (mg/L)

### **Water Quality Impact Monitoring Results**

- 7.9 During the course of the construction works, water samples at the discharge points shall be collected three days per week and tested for pH and SS, and sampled once per week for oil and grease analysis.
- 7.10 No water samples were taken from Sedimentation Pond Nos. 1, 2, 3, 4 and 5 in this reporting month, as there was no generation of wastewater from construction activities (i.e. no pre-bored H-piling works were carried out for the month of December 2002)

## **8. OBSERVATIONS**

- 8.1 No site inspection was conducted by EPD. No Inspection Record was issued during this reporting month.
- 8.2 Regular water spray on site preventing construction dust emission is on-going.
- 8.3 The wind data monitoring equipment for better air quality monitoring was recorded at 5-minute intervals for the month of December 2002. The wind data recorded in the reporting month at 5-minute intervals are contained in Appendix F.
- 8.4 Summary of observations and the environmental outcomes are summarized in Table 9.1.
- 8.5 The compliance status of the permit conditions is summarized in Appendix A.
- 8.6 EPD's comment concerning previous reports is summarized in Appendix B.
- 8.7 Valid licenses are summarized in Appendix C.
- 8.8 Log for site surveillance by EPD is summarized in Appendix D.
- 8.9 Conviction history log is summarized in Appendix E.

**Table 9.1 Summary of Observations and Environmental Outcome**

<b>Environmental Parameters</b>	<b>Date</b>	<b>Observation(s)</b>	<b>Mitigation Works</b>	<b>Environmental Outcome</b>
Air	December 2002	Wind data monitoring was recorded at 5-minute intervals.	N/A	Better and more sophisticated data collected to allow more detailed interpretation of air quality monitoring results.
Noise	December 2002	Noise level at the noise sensitive receiver was recorded.	N/A	Noise monitoring was carried out in order that the noise sensitive receiver will not be disturbed by the construction noise.
Water	December 2002	The water quality in Fo Tan Nullah was noted to be satisfactory.	N/A	N/A

## **9. COMPLAINTS**

9.1 No complaints were received in December 2002.

**Table 9.1 Summary of Complaints and Follow-up Actions**

<b>Environ- mental Parameters</b>	<b>Date</b>	<b>Complaint(s)</b>	<b>Mitigation Works</b>	<b>Follow-up Action(s)</b>
-	-	Nil to report		

## 10. FUTURE KEY ISSUES

- 10.1 Although no exceedances at air, noise and water sensitive receivers have been identified in the report month, it is pertinent to keep in action plan for air quality shown in Table 4.2, for noise level shown in Table 4.4, and for water quality shown in Table 4.6, which outlines the measures to be taken by the Engineer and the Contractor in the event of the action and limit levels being exceeded.
- 10.2 Major construction activities in the coming months:
- (i) Construction of noise barriers adjacent to Wo Che Estate and IVE(ST) – anticipated to be completed by 29/5/03.
  - (ii) Construction of Subway NS29 adjacent to Sha Tin Sports Ground – anticipated to be completed by 25/1/03.
  - (iii) Construction of Subway NS28 adjacent to IVE(ST) – anticipated to be completed by 25/1/03.
  - (iv) Construction of bridge deck of Tai Po Road Overbridge – anticipated to be completed by 29/1/03.
  - (v) Construction of bridge segments and north abutment of Railway Overbridge – anticipated to be completed by 24/2/03 and 17/1/03 respectively.
  - (vi) Construction of roadworks and drainage works of Fo Tan Nullah Bridge – anticipated to be completed by 22/2/03.
  - (vii) Construction of staircase at Turning Tee “A” at Fo Tan Village – anticipated to be completed by 15/1/03
  - (viii) Construction of pavement of Shan Mei Street Widening Bridge – anticipated to be completed by 15/3/03.
  - (ix) Re-construction of existing carriageway at Nullah Partial Decking – anticipated to be completed by 8/3/03.
  - (x) Pavement construction at Sui Wo Road Widening Bridge – anticipated to be completed by 12/2/03.
  - (xi) Waterworks at Tat Yip Lane Extension – anticipated to be completed by 14/2/03.



## **APPENDIX A**

### **Compliance Status of the Permit Conditions**

<b>ENVIRONMENTAL MONITORING AND AUDIT REPORT</b>		
Contract : Widening of Fo Tan Road and Related Improvement Measures in Fo Tan		Appendix A
Report No. : 35	Reporting Period : 1 December 02 to 31 December 02	Page No. : 1 of 5

**THE COMPLIANCE STATUS OF THE PERMIT CONDITIONS**

<b>Item No.</b>	<b>Description</b>	<b>Status</b>	<b>Remark</b>
<b>1.</b>	<b>General Conditions</b>		
1.1	The Permit Holder shall ensure full compliance with all conditions of this environmental permit. Any non-compliance may constitute a contravention of the Environmental Impact Assessment Ordinance (Cap. 499) and shall be definite ground for enforcement action or permit cancellation where applicable.	Reminder to the Contractor of compliance with all conditions of the environmental permit.	No non-compliance with all conditions of the environmental permit
1.2	This permit shall not remove the responsibility of the permit holder to comply with any legislation currently in force such as the Noise Control Ordinance (Cap. 400), Air Pollution Control Ordinance (Cap. 311), Water Pollution Control Ordinance (Cap. 359), Dumping at Sea Ordinance (Cap. 466), the Waste Disposal Ordinance (Cap. 354), and others.	Reminder to the Contractor of compliance with the legislation such as the NCO, APCO, and WPCO is on-going.	No non-compliance with the legislation such as NCO, APCO and WPCO.
1.3	The Permit Holder shall make copies of this permit available at all times for inspection by the Director at all the sites covered by this permit.	Copy of the Permit together with all documents referred in Part A of the Permit is available on site/site office.	Copy of the Permit together with all documents referred in Part A of the Permit is available on site/site office.
1.4	The Permit Holder shall give a copy of this permit to the person(s) in charge of the site(s).	The Permit Holder has delegated MCL to take charge of the site and MCL has been given the Permit.	MCL are kept the permit
1.5	The Permit Holder shall display a copy of this permit on the construction site(s) at all vehicular site entrances/exits or at a convenient location for public information at all times. The Permit Holder shall ensure that the most updated information about the environmental permit, including any amended permit, is displayed at such locations. If the Permit Holder surrenders a part or the whole of the permit, the notice he sends to the Director of Environmental Protection shall also be displayed at the same locations as the original permit.	All parts of the Permit are being displayed at all vehicular site entrance/exit.	All parts of the Permit are being displayed at all vehicular site entrance/exit.
1.6	A copy of the EIA Report and the EM&A Manual shall be kept in the Engineer's office and another copy shall be kept in the Contractor's office on site for reference.	Both EIA Report and EM&A Manual are kept in the Engineer's office and the Contractor's office on site.	Both EIA Report and EM&A Manual are kept in the Engineer's office and the Contractor's office on site.

Item No.	Description	Status	Remark
1.7	The Permit Holder shall construct and operate the Project in accordance with the project descriptions in Part B of this permit.	The project is being constructed in accordance with the contract drawing.	The project is being constructed in accordance with the contract drawing.
1.9	Unless otherwise specified by Condition 1.9, 1.10, 1.11, 1.12 or 1.13, the Permit Holder shall ensure that the Project is designed, constructed and operated in accordance with the information and recommendations contained in the EIA Report and the EM&A Manual (Register no. EIA-139/BC).	The project is being constructed in accordance with the information and recommendations contained in EIA Report and EM&A Manual	The project is being constructed in accordance with the information and recommendations contained in EIA Report and EM&A Manual
1.9	The junction of Fo Tan Road, Lok King Street and the off slip road from Tai Po Road shall be a conventional signal controlled cross road junction in accordance with Figure 511/SK/043 in the Application VEP-014/2000.	The Fo Tan Road/Lok King Street junction is designed to be a signal controlled cross road junction	Design in accordance
1.10	Extent of noise barriers near the junction of Fo Tan Road and Lok King Street shall be in accordance with Figure 511/SK/043 in the Application VEP-014/2000.	The noise barriers near the junction of Fo Tan Road and Lok King Street were designed and are to be constructed in accordance with Figure 511/SK/043	Installation of noise barrier panels is in progress
1.11	The alignment arrangement of Fo Tan Road near Sui Wo Road, and the provision of a noise barrier extension facing Shan Mei Street shall be in accordance with Figure 511/SK/041 in Application VEP-014/2000.	The alignment arrangement of Fo Tan Road near Sui Wo Road was designed and is to be constructed in accordance with Figure 511/SK/041. Provision of a noise barrier extension facing Shan Mei Street has been included in the Contract	Design in accordance
1.12	Extent of noise barriers along Fo Tan Road Northbound near Wo Che Estate shall be in accordance with Figure 511/SK/042 in the Application VEP-014/2000.	The noise barriers along Fo Tan Road Northbound near Wo Che Estate were designed and are being constructed in accordance with Figure 511/SK/042.	Installation of noise barrier panels is in progress
1.13	Extent of noise barriers along Fo Tan Road Southbound near the Hong Kong Institute of Vocational Education shall be in accordance with Figure 511/SK/042 in the Application VEP-015/2000.	The noise barriers along Fo Tan Road Northbound near Wo Che Estate were designed and are being constructed in accordance with Figure 511/SK/042.	Installation of noise barrier panels is in progress
1.14	All deposited submissions as required under this Permit, shall be rectified in accordance with the comments, if any, made by the Director, within one month of the receipt of the Director's comments or otherwise specified by the Director.	All deposited submissions as required under this permit were rectified in accordance with the comments made by the Director.	Rectified in accordance

<b>Item No.</b>	<b>Description</b>	<b>Status</b>	<b>Remark</b>
1.15	The Permit Holder shall release all finalized submissions, as required under this Permit, to the public, if requested by the Director, by depositing copies in the Environmental Impact Assessment Ordinance Register Office or any other places or by any other means as specified by the Director for public inspection. For this purpose, the Permit Holder shall provide sufficient copies of the submissions.	All finalized submissions were deposited sufficient copies in the Environmental Impact Assessment Ordinance Register Office or any other places specified by the Director for public inspection.	Sufficient copies provided
<b>2.</b>	<b>Submissions or Measures before Commencement of Construction</b>		
2.1	The Permit Holder shall revise the Environmental Monitoring and Audit (EM&A) Manual to include the monitoring programme of the construction works as indicated in items (f) and g) of Part B of this Environmental Permit. The Permit Holder shall deposit 5 copies of the revised EM&A Manual with the Director before the commencement of construction of the Project. Additional copies may be required by the Director.	The final version of the revised EM&A Manual was deposited to EPD on 24 March 2000 incorporating the latest monitoring programme available.	Item completed
2.2	An Environmental Team (ET) shall be established before the commencement of construction of the Project, and shall not be in any way an associated body of the Contractor. The ET shall be headed by a team leader who has at least 7 years experience in environmental monitoring and auditing or environmental management. The ET leader shall be responsible for the implementation of the EM&A programme in accordance with the EM&A requirements as contained in the revised EM&A Manual.	The Environmental Team has been established immediately after commencement of the Contract. The ET leader is Dr. Anne Watker-Zeris of MCL.	Item completed
2.3	The Permit Holder shall deposit 3 sets of landscape plan(s) and tree transplantation proposals of the Project of scale 1 to 1000, or other appropriate scale, with the Director before the commencement of construction of the Project. It shall also include a management and maintenance schedule of the landscape areas to be managed and maintained. The submission shall be verified by the ET leader and approved by the Engineer as conforming to the information and recommendations contained in Sections 14 and 16 of the EIA Report. Additional copies may be required by the Director. All measures recommended in the deposited landscape plan(s) and tree transplantation proposals shall be fully implemented.	The required landscape plan, tree transplantation proposal, and management and maintenance schedule of landscape works were deposited to EPD on 20 January 2000 and has been verified by ET leader.	Item completed

Item No.	Description	Status	Remark
2.4	The Permit Holder shall deposit 3 sets of design drawings showing the locations and details of the noise barriers of scale 1 to 1000, or other appropriate scale, with the Director before the commencement of construction of the Project. The design drawings shall show (including a note in every drawing) that noise barriers be continuous structures throughout without any gap, hole, or opening, including the interface with the edge parapet or the ground itself. The submission shall be verified by the ET leader and approved by the Engineer as conforming to the information and recommendations contained in Sections 9 and 16 of the EIA Report, unless otherwise specified by Figure 511/SK/041, 511/SK/042, 511/SK/043 in the Application VEP-014/2000, or Figure 511/SK/042 in the Application VEP-015/2000. Additional copies may be required by the Director. All measures recommended in the deposited noise barrier design drawings shall be fully implemented.	The required details of noise barrier and design drawings were deposited to EPD on 20 January 2000 and has been verified by ET leader.	Item completed
2.5	Any changes to the measures shall be verified by the ET leader and approved by the Engineer as conforming to the information and recommendations contained in the EIA Report before implementation. The verified changes shall be documented in the immediately following monthly EM&A report.	N/A	Nil
<b>3.</b>	<b>Measures for Construction and Operation of the Project</b>		
3.1	The landscaping works and reinstatement planting on the slopes shall be constructed and implemented in accordance with the landscape plan(s), tree transplantation proposals, and the management and maintenance schedule, as specified by Condition 2.3 above. All landscaping works and reinstatement planting shall be completed before the Project comes into operation.	The landscape works on the slopes were carried out in accordance with the landscape plan and the completed landscape works are being maintained by the Contractor.	No non-compliance
3.2	The noise barriers shall be constructed and implemented in accordance with the design drawings as specified by Condition 2.4 above. The construction of the noise barriers shall be completed before the Project comes into operation.	The foundation of the noise barriers in front of IVE(ST) and Wo Che Estate is being constructed and the steelworks of the noise barrier panel shown on the submitted design drawings have yet to be carried out.	Construction in accordance

<b>Item No.</b>	<b>Description</b>	<b>Status</b>	<b>Remark</b>
3.3	Any changes to the measures shall be verified by the ET leader and approved by the Engineer as conforming to the information and recommendations contained in the EIA Report and revised EM&A Manual before implementation. The verified changes shall be documented in the immediately following monthly EM&A report.	N/A	Nil
<b>4.</b>	<b>Environmental Monitoring and Audit</b>		
4.1	The EM&A programme shall be implemented in accordance with the requirements as contained in the revised EM&A Manual as specified by Condition 2.1. Any changes to the programme shall be justified by the ET leader and approved by the Engineer before submission to the Director for approval.	The EM&A programme is being implemented in accordance with the requirements as contained in the revised EM&A Manual.	No non-compliance
4.2	The actions described in the Event/Action Plans of the revised EM&A Manual shall be carried out, in accordance with the time frame set out in the Event/ Action Plans, or as agreed by the Director.	Event/Action Plans of the revised EM&A Manual would be implemented once exceedance in impact monitoring is recorded.	Actions in accordance

## **APPENDIX B**

### EPD's Comment Concerning Previous Reports

<b>ENVIRONMENTAL MONITORING AND AUDIT REPORT</b>		
Contract : Widening of Fo Tan Road and Related Improvement Measures in Fo Tan		Appendix B
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**EPD's COMMENT CONCERNING PREVIOUS REPORT**

<b>Item/Section</b>	<b>Received Date</b>	<b>Comment</b>	<b>Response</b>
		No Comment received	



## **APPENDIX C**

### **Valid Licences**

ENVIRONMENTAL MONITORING AND AUDIT REPORT		
Contract : Widening of Fo Tan Road and Related Improvement Measures in Fo Tan		Appendix C
Report No. : 35	Reporting Period : 1 December 02 to 30 December 02	Page No. : 1 of 8

### VALID LICENCES

Permit No./Licence No.	Permit Holder	Relevant Ordinance	Description	Licence Valid Period	Remark
EP-030/1999	Highways Department	Environmental Impact Assessment Ordinance (Chapter 499) Section 10	Environmental Permit to Construct and Operate a Designated Project		Superseded by VEP-014/2000/A/EP-030
VEP-014/2000/A/EP-030	Highways Department	Environmental Impact Assessment Ordinance (Chapter 499) Section 10	Environmental Permit to Construct and Operate a Designated Project		Superseded by VEP-015/2000/B/EP-030
VEP-015/2000/B/EP-030	Highways Department	Environmental Impact Assessment Ordinance (Chapter 499) Section 13	Environmental Permit to Construct and Operate a Designated Project		
GW-TN0276-2001	Shun Yuen	Noise Control Ordinance	Operating plants listed in the permit at both sides of and KCR Overbridge near FTR	13 October 2001 to 12 April 2002	
GW-TN0275-2001	Shun Yuen	Noise Control Ordinance	Carrying out of bar bending machine and electric cutter and operating mobile crane at west side of KCR Rails near FTR	29 October 2001 to 24 March 2002	
PP-TN0045-2001	Shun Yuen	Noise Control Ordinance	Carrying out of drop hammer driving of steel sheet piles at both sides of KCR Rails at the junction between Fo Tan Road and Yuen Wo Road	4 September 2001 to 3 June 2002	

Permit No./Licence No.	Permit Holder	Relevant Ordinance	Description	Licence Valid Period	Remark
GW-TN0229-2001	Shun Yuen	Noise Control Ordinance	Carrying out bar bending, electric cutting and use of mobile crane (diesel) and lorry with crane during holiday along Fo Tan Road from Kwei Tei Street to Shan Mei Street	9 September 2001 to 3 March 2002	
PP-TN0043-2001	Shun Yuen	Noise Control Ordinance	Carrying out of percussive piling at Fo Tan Road near Fo Tan Village, Fo Tan, N.T.	20 August 2001 to 20 May 2002	
2536	Shun Yuen Construction/CNCEC JV	Water Pollution Control Ordinance	A licence to discharge effluent into Tolo Harbour & Channel Water Control Zone	2 September 2000 to 1 September 2005	
PP-TN0032-2001	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of drop hammer along Fo Tan Road at both sides of KCR Rails and at junction of Yuen Wo Road	30 July 2001 to 30 March 2002	
GW-TN0193-2001	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of powered mechanical equipment at Shan Mei Street near the existing garden	29 July 2001 to 26 December 2001	
GW-TN0090-2001	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of mobile crane at Fo Tan Road	10 May 2001 – 9 November 2001	The Permit conditions should be strictly followed by the Permit Holder
GW-TN0054-2001	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of vibratory hammer, compactor, hand-held breaker during holiday at Yuen Wo Road	25 March 2001 – 23 September 2001	The Permit conditions should be strictly followed by the Permit Holder

Permit No./Licence No.	Permit Holder	Relevant Ordinance	Description	Licence Valid Period	Remark
GW-TN0053-2001	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of hand-held breaker, concrete mixer at PC2 of Railway Overbridge	16 March 2001 – 15 September 2001	The Permit conditions should be strictly followed by the Permit Holder
PP-TN0019-2001	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of drop hammer at Fo Tan Road between Kwei Tei Street and Shan Mei Street	16 May 2001 – 15 February 2002	The Permit conditions should be strictly followed by the Permit Holder
PP-TN0019-2001	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of drop hammer at Shek Lau Tung Street	3 May 2001 – 2 February 2002	The Permit conditions should be strictly followed by the Permit Holder
PP-TN0002-2001	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of drop hammer at north and south abutment of Shan Mei Street Widening Bridge	19 January 2001 – 19 October 2001	The Permit conditions should be strictly followed by the Permit Holder
GW-TN0401-2001	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of road sweeper, lorry with grab, hand-held breaker, concrete mixer, vibratory poker, crane, hand-held drill, road roller, road miller, dump truck at Tai Po Road Overbridge	19 January 2002 – 19 July 2002	The Permit conditions should be strictly followed by the Permit Holder
PP-TN0010-2002	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of drop hammer at Fo Tan Village	6 February 2002 – 5 November 2002	The Permit conditions should be strictly followed by the Permit Holder

Permit No./Licence No.	Permit Holder	Relevant Ordinance	Description	Licence Valid Period	Remark
GW-TN0091-2002	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of road sweeper, lorry with grab, hand-held breaker, concrete mixer, vibratory poker, crane, hand-held drill, road roller, road miller, dump truck along Fo Tan Road from Kwei Tei Street to Shan Mei Street	29 March 2002 – 22 September 2002	The Permit conditions should be strictly followed by the Permit Holder
PP-TN0026-2002	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of drop hammer at Tai Po Road Overbridge South Abutment	4 April 2002 – 3 December 2002	The Permit conditions should be strictly followed by the Permit Holder
GW-TN0092-2002	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of mobile crane and tractor at Fo Tan Road between Min Fong Street and Lok King Street	10 May 2002 – 9 November 2002	The Permit conditions should be strictly followed by the Permit Holder
GW-TN0093-2002	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of 150 Ton Jack, grout mixer, grout pump, strand pusher, 550 Ton flat jack, launching assembly, hydraulic stressing pump, mobile crane and lorry with crane at both sides and Overbridge near Fo Tan Road	12 April 2002 – 11 October 2002	The Permit conditions should be strictly followed by the Permit Holder
GW-TN0094-2002	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of bar bender, electric cutter and mobile crane at west side of KCR along Fo Tan Road	5 April 2002 – 1 October 2002	The Permit conditions should be strictly followed by the Permit Holder

Permit No./Licence No.	Permit Holder	Relevant Ordinance	Description	Licence Valid Period	Remark
GW-TN0126-2002	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of roller vibratory, dump truck, road miller, road sweeper, dump truck with grab, power pack for hand-held items of PME, road roller, asphalt paver, hand-held breaker (electric) along Fo Tan Road in between Tai Po Road and Yuen Wo Road	21 April 2002 – 20 October 2002	The Permit conditions should be strictly followed by the Permit Holder
GW-TN0145-2002	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of lorry with grab, lorry with crane, hand-held breaker (electric and hydraulic), power pack of hand-held items of PME, saw, circular, wood, vibratory roller, power rammer (petrol), concrete lorry mixer, hand-held vibratory poker along Kwei Tei Street, Tsung Tau Ha Road and across Fo Tan Road into Fo Tan Nullah Footbridge	4 May 2002 – 19 October 2002	The Permit conditions should be strictly followed by the Permit Holder
GW-TN0209-2002	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of concrete lorry mixer, hand-held vibratory poker (electric) and mobile/barged mounted crane (diesel)	13 June 2002 – 12 September 2002	The Permit conditions should be strictly followed by the Permit Holder

Permit No./Licence No.	Permit Holder	Relevant Ordinance	Description	Licence Valid Period	Remark
PP-TN0041-2002	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Carrying out of percussive piling at Nullah Partial Deck PC9, Fo Tan, N.T.	10 July 2002 – 9 April 2003	The Permit conditions should be strictly followed by the Permit Holder
PP-TN0044-2002	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Carrying out of percussive piling at Subway NS29, Fo Tan Road, Shatin, N.T.	19 July 2002 – 19 April 2003	The Permit conditions should be strictly followed by the Permit Holder
GW-TN0269-2002	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of road miller, dump truck, road sweeper, lorry with grab, asphalt paver, road roller, vibratory roller, power pack for hand-held items of PME, hand-held breaker (hydraulic), hand-held breaker (electric), concrete lorry mixer, hand-held vibratory poker (electric), mobile crane (diesel), lorry with crane, hand-held drill (electric) at Tai Po Road Overbridge, Shatin, N.T.	19 July 2002 – 19 January 2003	The Permit conditions should be strictly followed by the Permit Holder

Permit No./Licence No.	Permit Holder	Relevant Ordinance	Description	Licence Valid Period	Remark
GW-TN0393-2002	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of bar bender and cutter (electric), mobile crane (diesel), lorry with crane, concrete lorry mixer, tracked excavator, power rammer (petrol), circular saw (wood), hand-held vibratory poker (electric), road miller, dump truck, road sweeper, dump truck with grab, asphalt paver, road roller, vibratory roller, hand-held breaker (electric) along Fo Tan Road from Kwi Tei Street to Shan Mei Street, Shatin, N.T.	29 September 2002 - 23 March 2003	The Permit conditions should be strictly followed by the Permit Holder
GW-TN0394-2002	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of concrete lorry mixer, hand-held vibratory poker (electric), mobile crane (diesel) at Shan Mei Street Widening Bridge, Sui Wo Road Widening Bridge and To Tan Nullah Bridge, Fo Tan, N.T.	19 September 2002 – 19 March 2003	The Permit conditions should be strictly followed by the Permit Holder
GW-TN0406-2002	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of bar bender and cutter (electric), mobile crane (diesel) on western side of KCR along Fo Tan Road, Shatin, N.T.	6 October 2002 - 6 April 2003	The Permit conditions should be strictly followed by the Permit Holder



Permit No./Licence No.	Permit Holder	Relevant Ordinance	Description	Licence Valid Period	Remark
GW-TN0409-2002	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of 150 Ton Jack, Grout Mixer, Grout Pump, Standard Pusher, 550 Ton Flat Jack, Launching Assembly including 350 Ton Jack, Hydraulic Stressing Pumping, mobile crane (diesel), lorry with crane on both sides of KCR overbridge near Fo Tan Road, Shatin , N.T.	6 October 2002 - 6 April 2003	The Permit conditions should be strictly followed by the Permit Holder
GW-TN0409-2002	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Use of drop hammer driving steel sheet pile or hydraulic hammer (single acting) driving steel sheet pile at Tat Yip Lane Extension, Fo Tan, Shatin, N.T.	23 September 2002- 22 June 2003	The Permit conditions should be strictly followed by the Permit Holder

## **APPENDIX D**

### Log for Site Surveillance by EPD

<b>ENVIRONMENTAL MONITORING AND AUDIT REPORT</b>		
Contract : Widening of Fo Tan Road and Related Improvement Measures in Fo Tan		Appendix D
Report No. : 35	Reporting Period : 1 December 02 to 31 December 02	Page No. : 1 of 1

**LOG FOR SITE SURVEILLANCE BY EPD**

Date	Description	Ref. No.	Ordinance
11 March 2002	Site surveillance was conducted by EPD with an Environmental Protection Inspector concerning the noise emitted from the piling activities adjacent to House 66 of Fo Tan Village.		
19 October 2001	An inspection was conducted by EPD concerning the water pumping system along the nullah.		
21 June 2001	Site surveillance was conducted by EPD with an Environmental Protection Officer. Some deficiencies concerning soil heaps on the apron of the nullah and debris at the site entrance were identified.		
27 February 2001	An inspection was conducted by EPD concerning the current site environmental situation, the proper use of water treatment facilities, and air quality monitoring equipment.		
14 November 2000	An inspection was conducted by EPD as to ensure compliance with the requirement of the EIAO.		
1 November 2000	An inspection was conducted by EPD's consultant, Easy Ring Environmental Limited as to ensure compliance with the requirement of the EIAO.		
20 October 2000	An inspection record was issued by EPD for the discharge of muddy water from the southern end of Fo Tan Nullah Bridge to the nullah.		
22 September 2000	An inspection record was issued by EPD for the use of water pump outside permitted working hours.		
20 September 2000	An inspection record was issued by EPD for the discharge of muddy water to the nullah as a result of vehicle cleaning.		
14 July 2000	An inspection record was issued by EPD for the improper operation of wastewater treatment facility.		
12 July 2000	An inspection record was issued by EPD for the discharge of construction water into the Fo Tan nullah.		

## **APPENDIX E**

### **Conviction History Log**

**ENVIRONMENTAL MONITORING AND AUDIT REPORT**

Contract : Widening of Fo Tan Road and Related Improvement Measures in Fo Tan

Appendix E

Report No. : 35      Reporting Period : 1 December 02 to 31 December 02

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**CONVICTION HISTORY LOG**

Item	Date Received	Infringement Involving Ordinance (#)	Court Hearing Date	Guilty	Fine	Incident
1	22 December 2000	Water Pollution Control Ordinance	29 March 2001	No	---	Discharge of muddy water into Fo Tan nullah

## **APPENDIX F**

### **Wind Data**

ENVIRONMENTAL MONITORING AND AUDIT REPORT		
Contract : Widening of Fo Tan Road and Related Improvement Measures in Fo Tan		Appendix F
Report No. : 35	Reporting Period : 1 December 02 to 31 December 02	

**WIND DATA**

DATE (Month)	DATE (Day)	TIME(Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	1	0	0	0.6	1	213	60
12	1	0	5	0.2	0	237	28
12	1	0	10	0.1	0	221	39
12	1	0	15	0.6	1	203	11
12	1	0	20	0.4	1	224	16
12	1	0	25	0.4	1	210	11
12	1	0	30	0.2	0	251	33
12	1	0	35	0.1	0	214	42
12	1	0	40	0.5	1	212	12
12	1	0	45	0.2	0	253	25
12	1	0	50	0.0	0	223	19
12	1	0	55	0.4	1	200	8
12	1	1	0	0.3	1	243	18
12	1	1	5	0.2	0	232	30
12	1	1	10	0.5	1	229	42
12	1	1	15	0.7	1	225	16
12	1	1	20	0.5	1	245	28
12	1	1	25	0.3	1	238	22
12	1	1	30	0.2	1	209	10
12	1	1	35	0.6	1	244	23
12	1	1	40	0.7	1	238	26
12	1	1	45	0.5	1	227	33
12	1	1	50	0.3	1	225	29
12	1	1	55	0.1	1	200	25
12	1	2	0	0.1	0	207	37
12	1	2	5	0.2	0	215	70
12	1	2	10	0.4	0	187	12
12	1	2	15	0.1	0	125	29
12	1	2	20	0.3	1	86	28
12	1	2	25	0.7	1	231	86
12	1	2	30	0.2	1	2	79
12	1	2	35	0.1	0	187	29
12	1	2	40	0.2	0	347	69
12	1	2	45	0.3	1	172	46
12	1	2	50	0.6	2	195	82
12	1	2	55	0.4	1	214	82
12	1	3	0	0.9	2	31	61
12	1	3	5	0.5	1	31	39
12	1	3	10	0.6	2	151	95
12	1	3	15	0.9	1	86	58
12	1	3	20	1.2	3	40	67
12	1	3	25	1.0	2	21	61
12	1	3	30	0.7	2	5	73
12	1	3	35	0.7	3	305	78
12	1	3	40	1.4	3	27	74
12	1	3	45	0.4	1	121	84
12	1	3	50	0.4	2	207	64
12	1	3	55	0.6	2	256	84
12	1	4	0	1.0	1	27	64
12	1	4	5	1.0	2	221	93
12	1	4	10	0.6	1	320	65
12	1	4	15	0.6	1	357	42
12	1	4	20	0.8	1	322	92
12	1	4	25	1.1	3	20	46
12	1	4	30	0.6	1	345	72
12	1	4	35	1.2	1	70	70
12	1	4	40	0.6	1	347	64
12	1	4	45	0.7	3	198	72
12	1	4	50	1.0	1	22	63
12	1	4	55	0.6	1	276	73
12	1	5	0	1.3	5	28	69
12	1	5	5	1.2	1	13	67
12	1	5	10	1.0	1	31	64
12	1	5	15	1.0	3	334	60
12	1	5	20	1.4	3	21	73
12	1	5	25	1.2	3	2	62
12	1	5	30	1.0	2	341	91
12	1	5	35	1.3	2	34	70
12	1	5	40	1.2	4	52	69
12	1	5	45	1.5	2	3	90
12	1	5	50	0.8	2	115	80

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	1	5	55	0.9	1	5	71
12	1	6	0	1.2	2	18	70
12	1	6	5	0.7	1	232	75
12	1	6	10	1.1	2	247	70
12	1	6	15	0.9	1	221	67
12	1	6	20	1.2	1	247	45
12	1	6	25	1.2	3	283	64
12	1	6	30	1.0	1	310	95
12	1	6	35	1.0	2	284	62
12	1	6	40	0.6	1	337	91
12	1	6	45	1.2	3	7	71
12	1	6	50	1.3	3	332	83
12	1	6	55	0.7	2	242	65
12	1	7	0	0.8	0	243	96
12	1	7	5	0.8	2	358	73
12	1	7	10	0.6	1	287	85
12	1	7	15	0.9	2	337	70
12	1	7	20	0.8	2	96	70
12	1	7	25	0.4	0	228	80
12	1	7	30	0.9	3	125	100
12	1	7	35	0.6	1	324	83
12	1	7	40	0.5	1	0	75
12	1	7	45	1.3	2	226	46
12	1	7	50	0.5	1	269	45
12	1	7	55	0.9	3	234	29
12	1	8	0	0.6	2	348	77
12	1	8	5	0.6	1	212	67
12	1	8	10	1.0	2	222	61
12	1	8	15	1.1	2	274	64
12	1	8	20	0.5	1	224	74
12	1	8	25	0.4	1	264	56
12	1	8	30	0.4	1	180	69
12	1	8	35	0.7	2	49	91
12	1	8	40	0.9	1	289	80
12	1	8	45	0.5	1	210	53
12	1	8	50	1.0	2	209	60
12	1	8	55	1.0	2	231	61
12	1	9	0	1.0	3	166	74
12	1	9	5	1.6	3	232	34
12	1	9	10	1.2	1	220	34
12	1	9	15	1.1	3	259	38
12	1	9	20	0.8	1	227	33
12	1	9	25	0.6	1	221	67
12	1	9	30	0.6	1	180	70
12	1	9	35	0.6	2	231	60
12	1	9	40	1.0	2	239	29
12	1	9	45	1.2	1	232	36
12	1	9	50	0.8	2	221	56
12	1	9	55	0.8	2	10	97
12	1	10	0	1.1	1	231	51
12	1	10	5	0.9	2	263	62
12	1	10	10	1.0	4	281	77
12	1	10	15	0.9	2	241	70
12	1	10	20	1.4	2	251	56
12	1	10	25	0.8	2	132	80
12	1	10	30	1.3	3	214	32
12	1	10	35	0.8	1	251	58
12	1	10	40	1.4	3	228	68
12	1	10	45	0.9	2	58	95
12	1	10	50	0.9	1	234	42
12	1	10	55	1.1	1	210	44
12	1	11	0	0.7	3	245	62
12	1	11	5	1.2	3	246	56
12	1	11	10	1.7	2	247	49
12	1	11	15	1.0	3	282	85
12	1	11	20	0.8	2	256	63
12	1	11	25	0.7	1	266	66
12	1	11	30	0.8	1	241	31
12	1	11	35	1.4	3	229	28
12	1	11	40	0.9	1	250	40
12	1	11	45	1.0	2	290	38



DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	1	12	0	1.1	2	252	38
12	1	12	5	1.7	3	268	32
12	1	12	10	0.4	1	148	40
12	1	12	15	0.7	1	242	40
12	1	12	20	1.3	3	226	20
12	1	12	25	0.7	2	216	26
12	1	12	30	1.1	2	248	48
12	1	12	35	1.1	2	229	38
12	1	12	40	0.8	2	248	84
12	1	12	45	0.9	2	260	77
12	1	12	50	1.5	2	240	37
12	1	12	55	1.1	3	255	35
12	1	13	0	0.9	3	233	44
12	1	13	5	0.9	2	286	59
12	1	13	10	0.8	1	213	58
12	1	13	15	1.2	2	358	74
12	1	13	20	0.6	1	287	71
12	1	13	25	0.8	3	227	29
12	1	13	30	0.8	2	265	45
12	1	13	35	0.7	1	231	35
12	1	13	40	0.6	2	266	84
12	1	13	45	0.8	2	41	85
12	1	13	50	1.1	2	240	90
12	1	13	55	1.2	1	341	75
12	1	14	0	0.8	2	256	56
12	1	14	5	0.8	2	92	85
12	1	14	10	0.8	1	155	69
12	1	14	15	1.0	1	219	29
12	1	14	20	1.3	2	206	20
12	1	14	25	0.8	2	243	26
12	1	14	30	0.8	2	261	56
12	1	14	35	1.0	1	278	52
12	1	14	40	1.4	2	332	74
12	1	14	45	1.3	1	323	60
12	1	14	50	0.8	1	253	27
12	1	14	55	0.6	1	196	41
12	1	15	0	0.6	1	255	76
12	1	15	5	0.9	2	211	15
12	1	15	10	1.3	1	222	44
12	1	15	15	0.4	2	304	68
12	1	15	20	0.9	2	339	71
12	1	15	25	1.1	3	123	34
12	1	15	30	0.5	1	223	69
12	1	15	35	0.4	1	196	52
12	1	15	40	0.9	1	302	41
12	1	15	45	0.7	1	257	60
12	1	15	50	0.6	1	338	79
12	1	15	55	0.4	1	291	66
12	1	16	0	0.7	2	221	51
12	1	16	5	0.8	1	8	74
12	1	16	10	1.0	1	223	61
12	1	16	15	1.1	4	27	84
12	1	16	20	1.0	1	232	88
12	1	16	25	1.1	4	237	29
12	1	16	30	1.5	1	220	39
12	1	16	35	1.0	2	214	66
12	1	16	40	0.8	1	229	36
12	1	16	45	1.1	1	206	26
12	1	16	50	0.7	1	263	44
12	1	16	55	0.6	1	280	63
12	1	17	0	0.2	1	141	85
12	1	17	5	0.5	1	302	41
12	1	17	10	0.7	1	233	28
12	1	17	15	0.7	1	222	54
12	1	17	20	0.3	1	246	44
12	1	17	25	0.5	1	299	66
12	1	17	30	1.0	3	260	37
12	1	17	35	1.3	3	342	48
12	1	17	40	0.6	1	299	59
12	1	17	45	1.0	0	215	47
12	1	17	50	1.0	2	191	62
12	1	17	55	1.2	4	221	89
12	1	18	0	1.6	2	52	98
12	1	18	5	1.2	2	259	54
12	1	18	10	0.8	1	0	50
12	1	18	15	0.7	1	266	43
12	1	18	20	0.9	2	3	43
12	1	18	25	0.6	1	127	87
12	1	18	30	1.2	3	251	24
12	1	18	35	0.7	0	102	76
12	1	18	40	0.9	2	24	55
12	1	18	45	0.4	1	208	57
12	1	18	50	0.7	2	221	61
12	1	18	55	0.3	1	50	80

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	1	19	0	0.5	2	198	58
12	1	19	5	0.8	1	256	49
12	1	19	10	1.5	2	16	78
12	1	19	15	1.2	1	296	57
12	1	19	20	0.3	1	206	48
12	1	19	25	0.5	1	208	76
12	1	19	30	0.4	1	218	66
12	1	19	35	0.8	2	255	68
12	1	19	40	0.9	4	343	72
12	1	19	45	0.4	2	58	98
12	1	19	50	0.7	1	81	84
12	1	19	55	0.7	2	26	102
12	1	20	0	0.6	1	200	67
12	1	20	5	0.4	1	214	76
12	1	20	10	1.0	1	246	56
12	1	20	15	0.9	1	333	55
12	1	20	20	0.5	1	176	55
12	1	20	25	1.1	2	213	24
12	1	20	30	0.5	1	250	53
12	1	20	35	0.4	1	357	92
12	1	20	40	0.5	0	252	69
12	1	20	45	0.8	1	240	38
12	1	20	50	1.3	2	239	25
12	1	20	55	0.7	3	221	69
12	1	21	0	1.1	2	214	25
12	1	21	5	0.6	1	269	72
12	1	21	10	0.7	1	249	57
12	1	21	15	1.1	1	239	56
12	1	21	20	1.6	2	326	63
12	1	21	25	0.9	3	359	65
12	1	21	30	0.9	1	332	42
12	1	21	35	0.8	2	229	75
12	1	21	40	0.7	0	285	42
12	1	21	45	0.6	2	182	66
12	1	21	50	1.8	3	289	48
12	1	21	55	1.0	2	307	75
12	1	22	0	0.6	1	355	72
12	1	22	5	0.6	1	227	80
12	1	22	10	0.6	2	240	82
12	1	22	15	1.1	2	29	103
12	1	22	20	0.6	1	127	91
12	1	22	25	1.3	2	247	47
12	1	22	30	0.4	1	244	79
12	1	22	35	0.2	0	240	79
12	1	22	40	0.6	1	137	51
12	1	22	45	0.5	1	280	67
12	1	22	50	0.8	1	321	69
12	1	22	55	0.9	3	285	62
12	1	23	0	0.9	1	249	72
12	1	23	5	1.0	2	303	42
12	1	23	10	0.8	2	29	74
12	1	23	15	0.8	3	61	84
12	1	23	20	0.8	1	358	58
12	1	23	25	0.9	1	22	66
12	1	23	30	1.1	0	358	28
12	1	23	35	0.8	2	220	80
12	1	23	40	0.8	1	220	57
12	1	23	45	0.7	1	247	62
12	1	23	50	0.4	1	152	68
12	1	23	55	1.0	2	218	70
12	2	0	0	1.2	2	218	27
12	2	0	5	0.8	2	218	26
12	2	0	10	1.3	2	228	24
12	2	0	15	1.3	2	252	67
12	2	0	20	1.0	1	228	27
12	2	0	25	1.1	3	255	57
12	2	0	30	1.2	2	218	26
12	2	0	35	1.1	2	245	20
12	2	0	40	1.4	2	238	24
12	2	0	45	1.0	1	236	39
12	2	0	50	1.4	3	228	54
12	2	0	55	0.9	1	244	36
12	2	1	0	0.9	2	233	57
12	2	1	5	1.3	1	258	71
12	2	1	10	1.0	2	225	52
12	2	1	15	0.9	2	243	48
12	2	1	20	1.1	2	257	47
12	2	1	25	0.7	1	229	71
12	2	1	30	1.2	3	256	93
12	2	1	35	0.8	1	279	70
12	2	1	40	1.1	2	240	96
12	2	1	45	1.4	3	270	41
12	2	1	50	1.6	4	326	77
12	2	1	55	0.9	1	239	37

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	2	2	0	1.2	2	246	72
12	2	2	5	0.5	2	268	59
12	2	2	10	1.1	1	256	67
12	2	2	15	0.4	1	260	68
12	2	2	20	0.9	1	260	55
12	2	2	25	1.6	3	237	29
12	2	2	30	1.2	1	282	54
12	2	2	35	1.0	1	248	34
12	2	2	40	0.7	1	237	20
12	2	2	45	0.9	2	242	27
12	2	2	50	1.1	3	337	70
12	2	2	55	1.3	3	261	46
12	2	3	0	1.3	4	331	64
12	2	3	5	1.3	1	323	69
12	2	3	10	0.6	1	256	62
12	2	3	15	0.8	1	244	29
12	2	3	20	0.7	3	324	62
12	2	3	25	1.3	2	222	23
12	2	3	30	0.6	1	251	35
12	2	3	35	0.6	0	249	57
12	2	3	40	1.0	2	216	22
12	2	3	45	1.0	1	208	23
12	2	3	50	0.9	2	220	28
12	2	3	55	1.0	1	253	25
12	2	4	0	1.0	3	334	39
12	2	4	5	0.7	1	320	68
12	2	4	10	1.0	1	273	72
12	2	4	15	1.3	1	271	69
12	2	4	20	1.1	2	268	56
12	2	4	25	1.0	2	189	96
12	2	4	30	0.9	2	257	66
12	2	4	35	0.8	1	271	66
12	2	4	40	0.8	2	230	56
12	2	4	45	0.7	1	291	56
12	2	4	50	0.6	1	250	51
12	2	4	55	1.2	3	281	66
12	2	5	0	1.7	2	246	37
12	2	5	5	0.6	2	308	70
12	2	5	10	1.2	3	248	72
12	2	5	15	1.3	2	252	27
12	2	5	20	0.8	3	315	46
12	2	5	25	1.3	2	250	41
12	2	5	30	0.6	2	243	44
12	2	5	35	0.8	2	267	77
12	2	5	40	0.6	1	287	66
12	2	5	45	1.1	3	224	25
12	2	5	50	1.5	3	214	26
12	2	5	55	1.1	3	250	33
12	2	6	0	1.3	2	240	26
12	2	6	5	0.9	1	241	30
12	2	6	10	0.6	2	324	85
12	2	6	15	0.4	1	39	85
12	2	6	20	0.8	1	306	50
12	2	6	25	0.5	1	256	51
12	2	6	30	0.7	2	270	92
12	2	6	35	0.8	2	262	20
12	2	6	40	1.2	1	245	25
12	2	6	45	1.0	1	247	34
12	2	6	50	0.8	1	235	37
12	2	6	55	0.2	0	340	61
12	2	7	0	0.6	1	289	43
12	2	7	5	0.5	2	294	91
12	2	7	10	0.8	1	100	88
12	2	7	15	0.8	1	274	49
12	2	7	20	0.7	1	313	41
12	2	7	25	0.4	1	298	53
12	2	7	30	0.8	0	33	89
12	2	7	35	0.8	2	247	32
12	2	7	40	1.2	3	310	43
12	2	7	45	0.9	1	274	42
12	2	7	50	1.2	2	240	21
12	2	7	55	1.1	1	243	32
12	2	8	0	1.2	1	233	25
12	2	8	5	0.7	1	269	55
12	2	8	10	0.8	1	260	26
12	2	8	15	1.0	2	261	23
12	2	8	20	0.6	1	226	47
12	2	8	25	1.3	2	248	24
12	2	8	30	0.8	1	273	54
12	2	8	35	0.7	1	247	37
12	2	8	40	0.4	1	273	52
12	2	8	45	0.3	0	294	54
12	2	8	50	0.7	2	242	39
12	2	8	55	0.8	2	241	38

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	2	9	0	0.8	1	264	55
12	2	9	5	0.7	1	266	32
12	2	9	10	0.9	2	241	26
12	2	9	15	0.8	2	324	56
12	2	9	20	0.8	2	300	43
12	2	9	25	0.4	0	330	73
12	2	9	30	0.6	1	228	97
12	2	9	35	0.7	1	17	46
12	2	9	40	0.4	0	302	70
12	2	9	45	0.2	1	329	68
12	2	9	50	0.5	1	48	80
12	2	9	55	0.2	2	174	96
12	2	10	0	0.7	1	315	62
12	2	10	5	0.3	0	217	78
12	2	10	10	0.3	1	351	34
12	2	10	15	0.5	1	138	65
12	2	10	20	0.4	1	238	28
12	2	10	25	0.5	1	234	30
12	2	10	30	0.3	1	136	84
12	2	10	35	0.6	2	296	37
12	2	10	40	0.7	1	254	50
12	2	10	45	0.1	0	328	88
12	2	10	50	0.6	0	195	27
12	2	10	55	0.6	1	213	32
12	2	11	0	0.9	2	261	21
12	2	11	5	0.8	2	275	30
12	2	11	10	0.5	0	266	49
12	2	11	15	0.6	1	281	37
12	2	11	20	0.4	1	220	44
12	2	11	25	0.5	1	246	54
12	2	11	30	0.2	0	284	68
12	2	11	35	0.0	0	35	38
12	2	11	40	0.1	0	167	68
12	2	11	45	0.2	0	141	31
12	2	11	50	0.3	1	203	5
12	2	11	55	0.8	1	250	23
12	2	12	0	0.3	1	321	49
12	2	12	5	0.3	0	329	34
12	2	12	10	0.2	1	342	11
12	2	12	15	0.6	1	220	31
12	2	12	20	0.4	0	201	17
12	2	12	25	0.2	1	204	31
12	2	12	30	0.2	1	227	44
12	2	12	35	0.3	1	132	27
12	2	12	40	0.4	0	233	32
12	2	12	45	0.1	0	18	33
12	2	12	50	0.1	0	34	47
12	2	12	55	0.1	1	116	44
12	2	13	0	0.3	1	199	11
12	2	13	5	0.1	0	208	41
12	2	13	10	0.2	1	141	17
12	2	13	15	0.2	1	108	7
12	2	13	20	0.4	1	55	44
12	2	13	25	0.5	1	241	68
12	2	13	30	0.8	2	56	45
12	2	13	35	0.8	1	131	50
12	2	13	40	1.0	1	72	55
12	2	13	45	0.7	1	81	52
12	2	13	50	0.6	1	119	42
12	2	13	55	0.2	1	162	98
12	2	14	0	1.0	2	63	44
12	2	14	5	0.8	2	52	51
12	2	14	10	0.8	1	51	41
12	2	14	15	0.5	0	119	23
12	2	14	20	0.1	1	155	72
12	2	14	25	0.4	1	176	23
12	2	14	30	0.7	1	191	17
12	2	14	35	0.7	1	188	14
12	2	14	40	0.8	1	200	8
12	2	14	45	0.2	0	167	48
12	2	14	50	0.3	1	180	21
12	2	14	55	0.6	1	193	24
12	2	15	0	0.5	1	221	19
12	2	15	5	0.5	1	195	20
12	2	15	10	0.6	1	202	15
12	2	15	15	0.5	1	223	24
12	2	15	20	0.6	1	193	18
12	2	15	25	0.6	0	217	24
12	2	15	30	0.4	1	165	38
12	2	15	35	0.4	1	138	20
12	2	15	40	0.3	0	150	23
12	2	15	45	0.3	1	189	19
12	2	15	50	0.6	1	123	12
12	2	15	55	0.9	1	131	25

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	2	16	0	0.1	0	92	60
12	2	16	5	0.3	0	65	52
12	2	16	10	0.2	1	354	50
12	2	16	15	0.3	0	238	89
12	2	16	20	0.1	1	184	29
12	2	16	25	0.2	1	57	63
12	2	16	30	0.7	1	341	45
12	2	16	35	0.9	2	3	47
12	2	16	40	0.9	1	23	60
12	2	16	45	0.9	1	4	28
12	2	16	50	0.4	2	10	60
12	2	16	55	0.6	1	356	31
12	2	17	0	0.5	1	34	25
12	2	17	5	0.6	2	6	43
12	2	17	10	1.1	1	25	35
12	2	17	15	0.6	1	18	33
12	2	17	20	0.4	1	72	53
12	2	17	25	0.6	1	22	60
12	2	17	30	0.6	2	30	45
12	2	17	35	0.7	1	33	81
12	2	17	40	0.6	1	9	65
12	2	17	45	0.3	1	95	43
12	2	17	50	0.3	0	107	64
12	2	17	55	0.4	1	85	87
12	2	18	0	0.1	0	353	53
12	2	18	5	0.0	0	19	66
12	2	18	10	0.4	2	25	57
12	2	18	15	0.6	1	36	49
12	2	18	20	0.4	1	78	47
12	2	18	25	0.6	1	222	84
12	2	18	30	0.3	0	199	87
12	2	18	35	0.3	1	27	84
12	2	18	40	0.0	0	162	96
12	2	18	45	0.1	1	87	58
12	2	18	50	0.3	1	38	70
12	2	18	55	0.4	1	67	47
12	2	19	0	0.4	1	98	44
12	2	19	5	0.7	2	75	43
12	2	19	10	0.3	1	65	84
12	2	19	15	0.3	1	10	93
12	2	19	20	0.6	1	70	50
12	2	19	25	0.6	1	73	37
12	2	19	30	0.3	1	110	37
12	2	19	35	0.3	0	159	92
12	2	19	40	0.2	0	235	48
12	2	19	45	0.1	1	203	35
12	2	19	50	0.3	1	204	25
12	2	19	55	0.4	1	204	8
12	2	20	0	0.6	1	199	11
12	2	20	5	0.4	1	195	12
12	2	20	10	0.4	1	195	16
12	2	20	15	0.2	0	183	24
12	2	20	20	0.3	1	184	17
12	2	20	25	0.4	1	219	14
12	2	20	30	0.4	1	211	16
12	2	20	35	0.4	1	218	19
12	2	20	40	0.4	1	222	18
12	2	20	45	0.4	1	215	18
12	2	20	50	0.3	1	229	23
12	2	20	55	0.2	1	217	27
12	2	21	0	0.2	0	221	20
12	2	21	5	0.3	1	211	21
12	2	21	10	0.4	1	217	16
12	2	21	15	0.3	0	216	23
12	2	21	20	0.1	0	211	14
12	2	21	25	0.2	0	203	18
12	2	21	30	0.2	0	185	10
12	2	21	35	0.1	0	213	20
12	2	21	40	0.0	0	208	15
12	2	21	45	0.0	0	208	15
12	2	21	50	0.3	0	205	13
12	2	21	55	0.1	0	208	12
12	2	22	0	0.3	1	211	9
12	2	22	5	0.2	1	220	19
12	2	22	10	0.3	0	221	22
12	2	22	15	0.5	1	229	19
12	2	22	20	0.2	0	215	25
12	2	22	25	0.1	1	193	27
12	2	22	30	0.4	1	223	13
12	2	22	35	0.3	0	229	14
12	2	22	40	0.3	1	219	20
12	2	22	45	0.0	0	231	86
12	2	22	50	0.0	0	65	63
12	2	22	55	0.3	0	201	7

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	2	23	0	0.3	0	202	9
12	2	23	5	0.2	0	203	5
12	2	23	10	0.3	1	211	16
12	2	23	15	0.2	0	217	13
12	2	23	20	0.1	0	205	10
12	2	23	25	0.3	1	207	5
12	2	23	30	0.4	1	229	19
12	2	23	35	0.3	1	212	15
12	2	23	40	0.2	0	208	11
12	2	23	45	0.0	0	179	37
12	2	23	50	0.0	0	182	20
12	2	23	55	0.0	0	207	15
12	3	0	0	0.2	0	202	4
12	3	0	5	0.0	0	182	8
12	3	0	10	0.1	0	188	16
12	3	0	15	0.1	0	197	3
12	3	0	20	0.2	0	211	16
12	3	0	25	0.1	0	210	8
12	3	0	30	0.1	0	205	9
12	3	0	35	0.1	0	210	15
12	3	0	40	0.0	0	220	21
12	3	0	45	0.0	0	206	1
12	3	0	50	0.0	0	195	7
12	3	0	55	0.1	0	197	14
12	3	1	0	0.1	0	225	27
12	3	1	5	0.0	0	200	9
12	3	1	10	0.0	0	262	46
12	3	1	15	0.2	0	209	45
12	3	1	20	0.1	0	222	21
12	3	1	25	0.2	0	216	17
12	3	1	30	0.2	0	224	19
12	3	1	35	0.2	1	220	12
12	3	1	40	0.3	1	209	15
12	3	1	45	0.2	0	203	21
12	3	1	50	0.0	0	234	0
12	3	1	55	0.0	0	219	21
12	3	2	0	0.0	0	157	20
12	3	2	5	0.0	0	156	23
12	3	2	10	0.0	0	155	8
12	3	2	15	0.1	0	188	5
12	3	2	20	0.1	1	235	24
12	3	2	25	0.3	0	222	17
12	3	2	30	0.0	0	236	13
12	3	2	35	0.2	1	233	16
12	3	2	40	0.3	1	213	19
12	3	2	45	0.0	0	245	37
12	3	2	50	0.1	0	242	71
12	3	2	55	0.2	0	224	17
12	3	3	0	0.1	1	209	15
12	3	3	5	0.0	0	190	12
12	3	3	10	0.0	0	189	9
12	3	3	15	0.0	0	196	24
12	3	3	20	0.1	0	218	13
12	3	3	25	0.0	0	201	2
12	3	3	30	0.0	0	179	16
12	3	3	35	0.2	1	211	6
12	3	3	40	0.3	0	220	19
12	3	3	45	0.3	0	218	18
12	3	3	50	0.1	0	201	14
12	3	3	55	0.0	0	118	6
12	3	4	0	0.1	0	114	8
12	3	4	5	0.0	0	111	10
12	3	4	10	0.0	0	195	32
12	3	4	15	0.0	0	199	3
12	3	4	20	0.1	0	198	18
12	3	4	25	0.0	0	150	13
12	3	4	30	0.0	0	153	40
12	3	4	35	0.0	0	190	21
12	3	4	40	0.0	1	109	36
12	3	4	45	0.3	1	106	17
12	3	4	50	0.1	0	117	13
12	3	4	55	0.1	0	161	39
12	3	5	0	0.2	1	206	3
12	3	5	5	0.3	0	197	3
12	3	5	10	0.2	1	199	3
12	3	5	15	0.4	1	208	17
12	3	5	20	0.0	0	170	30
12	3	5	25	0.1	0	229	62
12	3	5	30	0.1	0	221	25
12	3	5	35	0.0	0	260	76
12	3	5	40	0.2	1	76	56
12	3	5	45	0.3	0	79	39
12	3	5	50	0.0	0	338	57
12	3	5	55	0.4	1	346	20

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	3	6	0	0.2	1	328	53
12	3	6	5	0.3	0	209	10
12	3	6	10	0.2	0	220	12
12	3	6	15	0.3	1	214	14
12	3	6	20	0.3	1	214	11
12	3	6	25	0.1	0	245	40
12	3	6	30	0.2	1	338	25
12	3	6	35	0.4	1	353	28
12	3	6	40	0.1	0	10	50
12	3	6	45	0.2	0	331	21
12	3	6	50	0.2	0	219	30
12	3	6	55	0.1	0	186	4
12	3	7	0	0.0	0	181	0
12	3	7	5	0.5	0	51	34
12	3	7	10	0.1	0	68	50
12	3	7	15	0.1	0	339	66
12	3	7	20	0.2	0	238	26
12	3	7	25	0.1	0	191	46
12	3	7	30	0.2	0	4	17
12	3	7	35	0.5	1	3	19
12	3	7	40	0.3	1	295	45
12	3	7	45	0.5	1	291	74
12	3	7	50	0.2	0	247	51
12	3	7	55	0.4	1	212	56
12	3	8	0	0.1	0	264	64
12	3	8	5	0.2	0	306	69
12	3	8	10	0.5	1	258	34
12	3	8	15	0.2	1	249	47
12	3	8	20	0.7	1	255	22
12	3	8	25	0.7	1	226	41
12	3	8	30	0.3	0	270	47
12	3	8	35	0.7	1	349	23
12	3	8	40	0.5	1	273	38
12	3	8	45	0.3	1	238	33
12	3	8	50	0.4	1	221	21
12	3	8	55	0.8	1	199	14
12	3	9	0	0.4	1	191	50
12	3	9	5	0.1	1	236	69
12	3	9	10	0.9	2	254	17
12	3	9	15	0.4	1	267	56
12	3	9	20	0.7	1	1	36
12	3	9	25	1.0	1	22	51
12	3	9	30	0.5	0	306	62
12	3	9	35	0.5	1	23	49
12	3	9	40	0.8	2	18	50
12	3	9	45	0.3	0	342	64
12	3	9	50	0.4	2	359	64
12	3	9	55	1.1	2	31	58
12	3	10	0	1.0	1	31	26
12	3	10	5	0.3	2	80	55
12	3	10	10	1.1	3	51	37
12	3	10	15	1.0	1	79	56
12	3	10	20	0.9	1	46	68
12	3	10	25	1.2	2	62	33
12	3	10	30	1.0	2	86	47
12	3	10	35	1.0	1	85	42
12	3	10	40	0.8	2	63	43
12	3	10	45	0.8	2	42	75
12	3	10	50	1.4	3	60	32
12	3	10	55	1.1	2	64	37
12	3	11	0	1.1	2	59	63
12	3	11	5	1.0	2	66	57
12	3	11	10	1.2	2	47	41
12	3	11	15	1.0	3	59	39
12	3	11	20	0.6	1	39	45
12	3	11	25	0.7	2	58	38
12	3	11	30	0.6	1	346	65
12	3	11	35	0.9	1	347	35
12	3	11	40	0.6	1	325	24
12	3	11	45	0.7	3	312	75
12	3	11	50	1.4	3	57	52
12	3	11	55	1.4	3	73	50
12	3	12	0	1.7	2	74	37
12	3	12	5	1.6	3	43	62
12	3	12	10	1.3	3	33	53
12	3	12	15	1.3	3	69	51
12	3	12	20	1.9	3	41	35
12	3	12	25	1.0	1	10	45
12	3	12	30	1.4	2	27	40
12	3	12	35	1.4	3	34	38
12	3	12	40	1.4	2	45	50
12	3	12	45	1.4	2	63	42
12	3	12	50	1.6	2	52	44
12	3	12	55	1.5	2	21	46

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	3	13	0	1.4	3	61	47
12	3	13	5	1.2	3	51	57
12	3	13	10	1.7	2	46	36
12	3	13	15	1.3	3	46	47
12	3	13	20	1.5	4	57	40
12	3	13	25	1.5	2	68	34
12	3	13	30	0.9	3	45	57
12	3	13	35	1.1	4	51	61
12	3	13	40	1.8	1	36	50
12	3	13	45	1.9	4	46	42
12	3	13	50	1.3	3	65	65
12	3	13	55	1.7	2	46	42
12	3	14	0	1.1	2	38	44
12	3	14	5	1.4	2	87	45
12	3	14	10	1.3	2	65	50
12	3	14	15	1.0	2	58	44
12	3	14	20	1.1	3	52	43
12	3	14	25	0.8	3	50	57
12	3	14	30	0.9	2	46	46
12	3	14	35	1.4	2	37	52
12	3	14	40	1.3	3	74	52
12	3	14	45	1.5	4	68	38
12	3	14	50	1.5	4	73	38
12	3	14	55	0.8	1	60	60
12	3	15	0	1.0	2	62	46
12	3	15	5	1.2	3	64	46
12	3	15	10	1.0	2	33	55
12	3	15	15	1.1	2	39	52
12	3	15	20	0.8	1	43	46
12	3	15	25	0.2	1	175	101
12	3	15	30	0.6	2	75	36
12	3	15	35	0.5	2	69	52
12	3	15	40	0.9	2	49	51
12	3	15	45	0.3	1	149	81
12	3	15	50	0.3	1	77	68
12	3	15	55	0.4	1	76	73
12	3	16	0	0.4	1	43	83
12	3	16	5	0.3	1	63	68
12	3	16	10	0.5	0	88	32
12	3	16	15	0.3	1	76	64
12	3	16	20	0.4	0	92	50
12	3	16	25	0.5	1	72	63
12	3	16	30	0.5	2	109	70
12	3	16	35	0.6	1	88	72
12	3	16	40	0.5	1	105	60
12	3	16	45	0.5	1	54	56
12	3	16	50	0.4	1	68	48
12	3	16	55	0.5	0	111	34
12	3	17	0	0.1	0	168	46
12	3	17	5	0.1	0	186	48
12	3	17	10	0.2	1	80	59
12	3	17	15	0.8	1	82	40
12	3	17	20	0.5	1	88	42
12	3	17	25	0.2	0	79	59
12	3	17	30	0.2	1	94	50
12	3	17	35	0.5	1	176	28
12	3	17	40	0.3	1	176	74
12	3	17	45	0.3	1	95	43
12	3	17	50	0.3	0	107	64
12	3	17	55	0.4	1	85	87
12	3	18	0	0.1	0	353	53
12	3	18	5	0.0	0	19	66
12	3	18	10	0.4	2	25	57
12	3	18	15	0.6	1	36	49
12	3	18	20	0.4	1	78	47
12	3	18	25	0.6	1	222	84
12	3	18	30	0.3	0	199	87
12	3	18	35	0.3	1	27	84
12	3	18	40	0.0	0	162	96
12	3	18	45	0.1	1	87	58
12	3	18	50	0.3	1	38	70
12	3	18	55	0.4	1	67	47
12	3	19	0	0.4	1	98	44
12	3	19	5	0.7	2	75	43
12	3	19	10	0.3	1	65	84
12	3	19	15	0.3	1	10	93
12	3	19	20	0.6	1	70	50
12	3	19	25	0.6	1	73	37
12	3	19	30	0.3	1	110	37
12	3	19	35	0.3	0	159	92
12	3	19	40	0.2	0	235	48
12	3	19	45	0.1	1	203	35
12	3	19	50	0.3	1	204	25
12	3	19	55	0.4	1	204	8

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	3	20	0	0.6	1	199	11
12	3	20	5	0.4	1	195	12
12	3	20	10	0.4	1	195	16
12	3	20	15	0.2	0	183	24
12	3	20	20	0.3	1	184	17
12	3	20	25	0.4	1	219	14
12	3	20	30	0.4	1	211	16
12	3	20	35	0.4	1	218	19
12	3	20	40	0.4	1	222	18
12	3	20	45	0.4	1	215	18
12	3	20	50	0.3	1	229	23
12	3	20	55	0.2	1	217	27
12	3	21	0	0.2	0	221	20
12	3	21	5	0.3	1	211	21
12	3	21	10	0.4	1	217	16
12	3	21	15	0.3	0	216	23
12	3	21	20	0.1	0	211	14
12	3	21	25	0.2	0	203	18
12	3	21	30	0.2	0	185	10
12	3	21	35	0.1	0	213	20
12	3	21	40	0.0	0	208	15
12	3	21	45	0.0	0	208	15
12	3	21	50	0.3	0	205	13
12	3	21	55	0.1	0	208	12
12	3	22	0	0.3	1	211	9
12	3	22	5	0.2	1	220	19
12	3	22	10	0.3	0	221	22
12	3	22	15	0.5	1	229	19
12	3	22	20	0.2	0	215	25
12	3	22	25	0.1	1	193	27
12	3	22	30	0.4	1	223	13
12	3	22	35	0.3	0	229	14
12	3	22	40	0.3	1	219	20
12	3	22	45	0.0	0	231	86
12	3	22	50	0.0	0	65	63
12	3	22	55	0.3	0	201	7
12	3	23	0	0.3	0	202	9
12	3	23	5	0.2	0	203	5
12	3	23	10	0.3	1	211	16
12	3	23	15	0.2	0	217	13
12	3	23	20	0.1	0	205	10
12	3	23	25	0.3	1	207	5
12	3	23	30	0.4	1	229	19
12	3	23	35	0.3	1	212	15
12	3	23	40	0.2	0	208	11
12	3	23	45	0.0	0	179	37
12	3	23	50	0.0	0	182	20
12	3	23	55	0.0	0	207	15
12	4	0	0	0.2	0	202	4
12	4	0	5	0.0	0	182	8
12	4	0	10	0.1	0	188	16
12	4	0	15	0.1	0	197	3
12	4	0	20	0.2	0	211	16
12	4	0	25	0.1	0	210	8
12	4	0	30	0.1	0	205	9
12	4	0	35	0.1	0	210	15
12	4	0	40	0.0	0	220	21
12	4	0	45	0.0	0	206	1
12	4	0	50	0.0	0	195	7
12	4	0	55	0.1	0	197	14
12	4	1	0	0.1	0	225	27
12	4	1	5	0.0	0	200	9
12	4	1	10	0.0	0	262	46
12	4	1	15	0.2	0	209	45
12	4	1	20	0.1	0	222	21
12	4	1	25	0.2	0	216	17
12	4	1	30	0.2	0	224	19
12	4	1	35	0.2	1	220	12
12	4	1	40	0.3	1	209	15
12	4	1	45	0.2	0	203	21
12	4	1	50	0.0	0	234	0
12	4	1	55	0.0	0	219	21
12	4	2	0	0.0	0	157	20
12	4	2	5	0.0	0	156	23
12	4	2	10	0.0	0	155	8
12	4	2	15	0.1	0	188	5
12	4	2	20	0.1	1	235	24
12	4	2	25	0.3	0	222	17
12	4	2	30	0.0	0	236	13
12	4	2	35	0.2	1	233	16
12	4	2	40	0.3	1	213	19
12	4	2	45	0.0	0	245	37
12	4	2	50	0.1	0	242	71
12	4	2	55	0.2	0	224	17

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	4	3	0	0.1	1	209	15
12	4	3	5	0.0	0	190	12
12	4	3	10	0.0	0	189	9
12	4	3	15	0.0	0	196	24
12	4	3	20	0.1	0	218	13
12	4	3	25	0.0	0	201	2
12	4	3	30	0.0	0	179	16
12	4	3	35	0.2	1	211	6
12	4	3	40	0.3	0	220	19
12	4	3	45	0.3	0	218	18
12	4	3	50	0.1	0	201	14
12	4	3	55	0.0	0	118	6
12	4	4	0	0.1	0	114	8
12	4	4	5	0.0	0	111	10
12	4	4	10	0.0	0	195	32
12	4	4	15	0.0	0	199	3
12	4	4	20	0.1	0	198	18
12	4	4	25	0.0	0	150	13
12	4	4	30	0.0	0	153	40
12	4	4	35	0.0	0	190	21
12	4	4	40	0.0	1	109	36
12	4	4	45	0.3	1	106	17
12	4	4	50	0.1	0	117	13
12	4	4	55	0.1	0	161	39
12	4	5	0	0.2	1	206	3
12	4	5	5	0.3	0	197	3
12	4	5	10	0.2	1	199	3
12	4	5	15	0.4	1	208	17
12	4	5	20	0.0	0	170	30
12	4	5	25	0.1	0	229	62
12	4	5	30	0.1	0	221	25
12	4	5	35	0.0	0	260	76
12	4	5	40	0.2	1	76	56
12	4	5	45	0.3	0	79	39
12	4	5	50	0.0	0	338	57
12	4	5	55	0.4	1	346	20
12	4	6	0	0.2	1	328	53
12	4	6	5	0.3	0	209	10
12	4	6	10	0.2	0	220	12
12	4	6	15	0.3	1	214	14
12	4	6	20	0.3	1	214	11
12	4	6	25	0.1	0	245	40
12	4	6	30	0.2	1	338	25
12	4	6	35	0.4	1	353	28
12	4	6	40	0.1	0	10	50
12	4	6	45	0.2	0	331	21
12	4	6	50	0.2	0	219	30
12	4	6	55	0.1	0	186	4
12	4	7	0	0.0	0	181	0
12	4	7	5	0.5	0	51	34
12	4	7	10	0.1	0	68	50
12	4	7	15	0.1	0	339	66
12	4	7	20	0.2	0	238	26
12	4	7	25	0.1	0	191	46
12	4	7	30	0.2	0	4	17
12	4	7	35	0.5	1	3	19
12	4	7	40	0.3	1	295	45
12	4	7	45	0.5	1	291	74
12	4	7	50	0.2	0	247	51
12	4	7	55	0.4	1	212	56
12	4	8	0	0.1	0	264	64
12	4	8	5	0.2	0	306	69
12	4	8	10	0.5	1	258	34
12	4	8	15	0.2	1	249	47
12	4	8	20	0.7	1	255	22
12	4	8	25	0.7	1	226	41
12	4	8	30	0.3	0	270	47
12	4	8	35	0.7	1	349	23
12	4	8	40	0.5	1	273	38
12	4	8	45	0.3	1	238	33
12	4	8	50	0.4	1	221	21
12	4	8	55	0.8	1	199	14
12	4	9	0	0.4	1	232	62
12	4	9	5	0.8	1	213	20
12	4	9	10	0.6	1	258	75
12	4	9	15	0.9	2	0	50
12	4	9	20	1.3	3	15	32
12	4	9	25	0.8	1	31	48
12	4	9	30	0.4	1	60	82
12	4	9	35	0.8	2	354	29
12	4	9	40	1.0	2	347	22
12	4	9	45	0.6	1	17	27
12	4	9	50	0.9	2	334	32
12	4	9	55	1.1	3	3	29

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	4	10	0	1.1	3	6	40
12	4	10	5	1.3	2	37	30
12	4	10	10	1.3	2	23	29
12	4	10	15	1.3	3	45	38
12	4	10	20	0.8	2	28	56
12	4	10	25	1.4	2	37	41
12	4	10	30	1.4	2	19	21
12	4	10	35	0.8	1	2	29
12	4	10	40	1.2	2	356	33
12	4	10	45	0.9	2	7	33
12	4	10	50	0.9	1	340	24
12	4	10	55	0.9	1	345	29
12	4	11	0	1.0	2	343	32
12	4	11	5	1.2	2	1	27
12	4	11	10	1.1	2	12	39
12	4	11	15	1.5	3	1	33
12	4	11	20	1.5	2	12	28
12	4	11	25	1.2	2	356	25
12	4	11	30	0.5	1	5	36
12	4	11	35	1.1	1	13	30
12	4	11	40	1.1	3	343	26
12	4	11	45	1.5	2	20	34
12	4	11	50	1.0	2	30	26
12	4	11	55	0.6	1	355	53
12	4	12	0	1.4	3	22	38
12	4	12	5	1.4	2	25	26
12	4	12	10	1.3	2	26	32
12	4	12	15	1.5	3	30	34
12	4	12	20	1.3	2	25	28
12	4	12	25	1.0	2	25	30
12	4	12	30	0.6	1	42	67
12	4	12	35	0.9	1	339	25
12	4	12	40	1.1	2	4	31
12	4	12	45	1.0	1	350	28
12	4	12	50	1.5	2	26	27
12	4	12	55	1.2	3	14	45
12	4	13	0	1.3	2	11	25
12	4	13	5	1.1	2	20	44
12	4	13	10	1.5	2	14	35
12	4	13	15	1.0	2	331	34
12	4	13	20	0.4	0	303	79
12	4	13	25	0.6	2	4	62
12	4	13	30	1.0	2	12	47
12	4	13	35	1.0	2	52	51
12	4	13	40	0.6	1	65	64
12	4	13	45	0.6	1	57	55
12	4	13	50	0.8	1	27	44
12	4	13	55	1.1	2	52	33
12	4	14	0	0.9	2	55	50
12	4	14	5	1.0	1	52	48
12	4	14	10	1.2	2	55	36
12	4	14	15	1.3	2	41	46
12	4	14	20	1.1	3	67	55
12	4	14	25	0.8	0	47	58
12	4	14	30	0.6	1	42	71
12	4	14	35	1.2	1	43	41
12	4	14	40	1.2	3	57	54
12	4	14	45	1.1	2	53	59
12	4	14	50	0.8	1	78	65
12	4	14	55	0.7	2	47	59
12	4	15	0	0.6	2	45	65
12	4	15	5	0.5	2	49	94
12	4	15	10	0.8	2	56	58
12	4	15	15	1.0	2	65	63
12	4	15	20	1.2	3	60	53
12	4	15	25	1.6	2	57	37
12	4	15	30	1.3	3	55	44
12	4	15	35	0.6	2	59	79
12	4	15	40	0.7	2	46	72
12	4	15	45	0.4	2	34	44
12	4	15	50	0.9	3	40	60
12	4	15	55	1.1	2	33	48
12	4	16	0	0.7	2	86	92
12	4	16	5	0.7	1	32	61
12	4	16	10	1.1	2	56	54
12	4	16	15	1.0	2	63	33
12	4	16	20	1.0	1	71	46
12	4	16	25	1.1	3	58	46
12	4	16	30	0.4	1	121	58
12	4	16	35	0.6	1	62	68
12	4	16	40	0.7	1	83	66
12	4	16	45	0.5	1	56	76
12	4	16	50	0.7	1	67	58
12	4	16	55	0.6	3	57	84

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	4	17	0	1.0	2	67	44
12	4	17	5	1.1	2	73	64
12	4	17	10	0.8	1	91	45
12	4	17	15	0.5	0	123	58
12	4	17	20	0.3	1	130	30
12	4	17	25	0.3	0	97	59
12	4	17	30	0.3	1	134	60
12	4	17	35	0.3	1	181	23
12	4	17	40	0.4	1	146	43
12	4	17	45	0.2	1	191	25
12	4	17	50	0.4	1	188	27
12	4	17	55	0.4	1	182	24
12	4	18	0	0.7	1	202	14
12	4	18	5	0.5	1	219	21
12	4	18	10	0.5	1	213	19
12	4	18	15	0.6	1	213	12
12	4	18	20	0.2	1	165	53
12	4	18	25	0.2	1	205	6
12	4	18	30	0.4	1	218	17
12	4	18	35	0.6	1	224	18
12	4	18	40	0.4	1	204	12
12	4	18	45	0.6	1	207	11
12	4	18	50	0.3	1	207	15
12	4	18	55	0.6	2	265	52
12	4	19	0	0.5	1	201	44
12	4	19	5	0.5	1	240	86
12	4	19	10	0.3	1	217	34
12	4	19	15	0.9	1	225	19
12	4	19	20	0.7	1	218	25
12	4	19	25	0.5	1	210	24
12	4	19	30	0.3	1	179	38
12	4	19	35	0.7	1	208	15
12	4	19	40	0.7	1	199	12
12	4	19	45	0.2	1	211	20
12	4	19	50	0.3	1	197	35
12	4	19	55	0.4	0	224	25
12	4	20	0	0.3	1	198	33
12	4	20	5	0.4	1	203	7
12	4	20	10	0.6	1	210	15
12	4	20	15	0.5	1	217	23
12	4	20	20	0.5	0	190	35
12	4	20	25	0.1	0	213	13
12	4	20	30	0.2	0	210	7
12	4	20	35	0.3	1	208	16
12	4	20	40	0.4	1	210	14
12	4	20	45	0.1	0	230	20
12	4	20	50	0.1	1	202	36
12	4	20	55	0.4	1	243	16
12	4	21	0	0.1	0	221	27
12	4	21	5	0.1	0	205	21
12	4	21	10	0.2	1	207	18
12	4	21	15	0.5	1	213	15
12	4	21	20	0.2	0	215	56
12	4	21	25	0.3	1	260	86
12	4	21	30	0.4	0	220	25
12	4	21	35	0.0	0	150	49
12	4	21	40	0.3	0	214	16
12	4	21	45	0.5	1	221	19
12	4	21	50	0.3	0	205	13
12	4	21	55	0.4	1	202	16
12	4	22	0	0.2	1	230	16
12	4	22	5	0.4	1	218	18
12	4	22	10	0.5	1	207	10
12	4	22	15	0.5	1	211	17
12	4	22	20	0.1	0	234	28
12	4	22	25	0.1	0	225	76
12	4	22	30	0.1	1	195	20
12	4	22	35	0.1	0	201	7
12	4	22	40	0.1	0	163	58
12	4	22	45	0.1	0	203	15
12	4	22	50	0.3	1	203	4
12	4	22	55	0.0	0	183	77
12	4	23	0	0.4	0	193	46
12	4	23	5	0.6	1	176	60
12	4	23	10	0.2	0	314	67
12	4	23	15	0.2	0	218	69
12	4	23	20	0.2	1	233	89
12	4	23	25	0.1	0	315	78
12	4	23	30	0.3	2	155	60
12	4	23	35	0.7	2	42	53
12	4	23	40	0.9	1	60	58
12	4	23	45	0.5	1	29	61
12	4	23	50	0.2	0	35	91
12	4	23	55	0.4	1	232	34

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	5	0	0	0.4	0	186	16
12	5	0	5	0.2	1	194	4
12	5	0	10	0.2	0	227	21
12	5	0	15	0.3	1	237	13
12	5	0	20	0.1	0	217	17
12	5	0	25	0.0	0	215	10
12	5	0	30	0.0	0	214	45
12	5	0	35	0.1	1	192	39
12	5	0	40	0.1	0	103	83
12	5	0	45	0.2	0	300	72
12	5	0	50	0.0	0	217	17
12	5	0	55	0.2	0	227	27
12	5	1	0	0.4	1	249	34
12	5	1	5	0.3	1	205	25
12	5	1	10	0.4	0	226	27
12	5	1	15	0.3	1	221	89
12	5	1	20	0.4	1	217	40
12	5	1	25	0.1	0	300	99
12	5	1	30	0.2	1	183	33
12	5	1	35	0.3	1	339	87
12	5	1	40	0.2	1	216	77
12	5	1	45	0.1	0	165	55
12	5	1	50	0.1	1	221	20
12	5	1	55	0.5	0	208	12
12	5	2	0	0.7	2	12	54
12	5	2	5	0.2	0	127	68
12	5	2	10	0.1	0	96	16
12	5	2	15	0.0	0	118	54
12	5	2	20	0.0	0	205	8
12	5	2	25	0.2	0	204	11
12	5	2	30	0.2	0	213	15
12	5	2	35	0.0	1	303	48
12	5	2	40	0.1	0	199	80
12	5	2	45	0.0	0	173	45
12	5	2	50	0.1	1	293	21
12	5	2	55	0.4	0	221	28
12	5	3	0	0.1	0	194	11
12	5	3	5	0.1	0	246	20
12	5	3	10	0.0	0	250	1
12	5	3	15	0.2	1	233	8
12	5	3	20	0.3	1	226	13
12	5	3	25	0.5	0	209	9
12	5	3	30	0.0	0	233	28
12	5	3	35	0.1	0	238	41
12	5	3	40	0.0	0	167	30
12	5	3	45	0.3	1	221	20
12	5	3	50	0.3	0	200	10
12	5	3	55	0.3	1	213	13
12	5	4	0	0.4	0	225	22
12	5	4	5	0.0	0	232	29
12	5	4	10	0.0	0	202	25
12	5	4	15	0.0	0	200	1
12	5	4	20	0.0	0	284	38
12	5	4	25	0.0	0	318	8
12	5	4	30	0.2	0	208	18
12	5	4	35	0.0	0	172	43
12	5	4	40	0.0	0	75	8
12	5	4	45	0.4	1	5	30
12	5	4	50	0.0	0	23	45
12	5	4	55	0.0	0	68	23
12	5	5	0	0.2	0	159	57
12	5	5	5	0.1	0	214	33
12	5	5	10	0.1	0	71	25
12	5	5	15	0.0	1	72	11
12	5	5	20	0.4	1	5	31
12	5	5	25	0.2	0	14	36
12	5	5	30	0.5	2	22	34
12	5	5	35	0.3	0	96	57
12	5	5	40	0.0	0	161	20
12	5	5	45	0.0	0	100	20
12	5	5	50	0.1	0	72	25
12	5	5	55	0.2	1	142	36
12	5	6	0	0.3	1	170	17
12	5	6	5	0.3	1	191	24
12	5	6	10	0.1	0	178	21
12	5	6	15	0.1	0	329	70
12	5	6	20	0.1	1	113	89
12	5	6	25	0.1	0	301	99
12	5	6	30	0.1	1	214	40
12	5	6	35	0.1	1	229	39
12	5	6	40	0.0	0	340	92
12	5	6	45	0.1	0	53	78
12	5	6	50	0.3	1	62	57
12	5	6	55	0.4	0	348	40

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	5	7	0	0.2	1	253	67
12	5	7	5	0.1	0	202	43
12	5	7	10	0.3	1	81	57
12	5	7	15	0.2	0	328	43
12	5	7	20	0.2	0	149	54
12	5	7	25	0.3	1	52	70
12	5	7	30	0.2	0	25	61
12	5	7	35	0.0	0	96	60
12	5	7	40	0.3	1	225	23
12	5	7	45	0.3	0	331	93
12	5	7	50	0.4	1	93	39
12	5	7	55	0.0	0	173	56
12	5	8	0	0.0	0	192	25
12	5	8	5	0.3	1	344	45
12	5	8	10	0.1	0	176	72
12	5	8	15	0.1	0	195	56
12	5	8	20	0.1	0	92	64
12	5	8	25	0.2	0	37	53
12	5	8	30	0.7	1	72	42
12	5	8	35	0.3	1	39	43
12	5	8	40	0.3	0	339	47
12	5	8	45	0.1	0	31	72
12	5	8	50	0.2	1	1	60
12	5	8	55	0.8	2	13	27
12	5	9	0	0.7	1	6	49
12	5	9	5	0.5	0	296	57
12	5	9	10	0.1	0	34	73
12	5	9	15	0.4	1	29	37
12	5	9	20	0.5	1	5	61
12	5	9	25	0.6	1	75	51
12	5	9	30	0.1	0	113	71
12	5	9	35	1.0	2	22	30
12	5	9	40	1.0	1	42	44
12	5	9	45	0.7	0	333	86
12	5	9	50	0.1	0	175	31
12	5	9	55	0.8	1	338	29
12	5	10	0	0.9	1	15	35
12	5	10	5	0.7	2	2	36
12	5	10	10	0.4	1	16	46
12	5	10	15	0.7	2	29	42
12	5	10	20	0.3	0	41	55
12	5	10	25	0.7	2	350	50
12	5	10	30	0.6	1	9	55
12	5	10	35	1.0	2	32	31
12	5	10	40	0.6	1	9	47
12	5	10	45	0.7	1	13	58
12	5	10	50	0.7	1	29	54
12	5	10	55	1.0	1	26	56
12	5	11	0	0.7	1	34	57
12	5	11	5	1.0	1	6	57
12	5	11	10	1.0	1	17	60
12	5	11	15	0.4	1	90	66
12	5	11	20	0.5	1	40	83
12	5	11	25	1.1	2	17	63
12	5	11	30	0.9	1	46	35
12	5	11	35	0.5	1	333	37
12	5	11	40	0.5	2	346	70
12	5	11	45	0.8	1	19	41
12	5	11	50	0.2	1	339	74
12	5	11	55	1.2	2	339	27
12	5	12	0	0.3	1	52	76
12	5	12	5	0.6	1	34	78
12	5	12	10	0.4	2	87	65
12	5	12	15	0.9	2	14	30
12	5	12	20	0.5	1	5	53
12	5	12	25	0.7	1	26	46
12	5	12	30	0.9	1	10	50
12	5	12	35	1.2	2	35	31
12	5	12	40	1.0	2	46	38
12	5	12	45	0.9	2	67	47
12	5	12	50	1.1	2	54	29
12	5	12	55	0.4	1	323	39
12	5	13	0	0.7	1	45	56
12	5	13	5	1.1	3	22	47
12	5	13	10	1.3	3	40	39
12	5	13	15	1.2	2	29	50
12	5	13	20	1.1	2	62	37
12	5	13	25	1.1	2	101	39
12	5	13	30	1.0	1	353	40
12	5	13	35	0.8	2	341	25
12	5	13	40	0.6	1	23	59
12	5	13	45	0.8	1	3	33
12	5	13	50	0.5	1	323	56
12	5	13	55	0.5	1	353	22

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	5	14	0	0.3	1	335	64
12	5	14	5	0.4	1	51	65
12	5	14	10	0.2	1	131	73
12	5	14	15	0.8	2	53	65
12	5	14	20	1.1	2	23	36
12	5	14	25	0.9	3	73	54
12	5	14	30	1.0	3	27	47
12	5	14	35	1.3	3	62	39
12	5	14	40	0.8	3	51	55
12	5	14	45	1.1	2	84	47
12	5	14	50	0.9	2	61	41
12	5	14	55	1.0	2	55	51
12	5	15	0	0.9	1	79	82
12	5	15	5	0.5	1	84	42
12	5	15	10	1.1	1	55	47
12	5	15	15	0.7	2	83	53
12	5	15	20	0.4	2	185	81
12	5	15	25	1.0	1	122	26
12	5	15	30	0.5	1	75	56
12	5	15	35	0.6	2	117	75
12	5	15	40	1.2	2	66	63
12	5	15	45	1.0	3	60	65
12	5	15	50	0.7	1	357	86
12	5	15	55	0.6	3	83	91
12	5	16	0	1.0	2	72	41
12	5	16	5	0.9	2	82	36
12	5	16	10	0.6	1	110	48
12	5	16	15	1.3	3	24	32
12	5	16	20	0.3	1	312	61
12	5	16	25	0.9	2	334	21
12	5	16	30	1.0	2	341	61
12	5	16	35	0.6	2	349	72
12	5	16	40	0.9	1	48	35
12	5	16	45	1.2	1	21	51
12	5	16	50	1.1	2	339	29
12	5	16	55	1.1	2	359	45
12	5	17	0	1.0	2	338	46
12	5	17	5	1.4	2	345	41
12	5	17	10	0.8	3	344	87
12	5	17	15	0.3	0	26	75
12	5	17	20	0.6	1	353	60
12	5	17	25	0.5	2	37	65
12	5	17	30	0.5	2	346	60
12	5	17	35	0.4	2	310	51
12	5	17	40	0.3	0	63	59
12	5	17	45	0.7	1	355	27
12	5	17	50	0.2	1	315	34
12	5	17	55	0.6	1	288	69
12	5	18	0	0.8	1	8	44
12	5	18	5	0.5	0	80	45
12	5	18	10	0.4	1	19	56
12	5	18	15	0.7	1	21	35
12	5	18	20	0.1	1	99	68
12	5	18	25	0.4	1	342	34
12	5	18	30	0.9	1	327	49
12	5	18	35	0.5	1	66	54
12	5	18	40	0.9	2	85	49
12	5	18	45	0.8	1	96	58
12	5	18	50	0.9	1	75	79
12	5	18	55	0.4	2	103	77
12	5	19	0	0.3	1	212	90
12	5	19	5	0.3	0	317	34
12	5	19	10	0.4	1	283	83
12	5	19	15	0.4	1	14	74
12	5	19	20	0.2	0	236	92
12	5	19	25	0.5	0	8	35
12	5	19	30	0.4	1	56	52
12	5	19	35	0.8	1	38	31
12	5	19	40	0.7	1	355	60
12	5	19	45	0.3	1	36	84
12	5	19	50	0.4	0	257	37
12	5	19	55	0.4	1	349	29
12	5	20	0	0.6	1	331	65
12	5	20	5	0.3	0	120	26
12	5	20	10	0.2	0	60	50
12	5	20	15	0.1	0	303	88
12	5	20	20	0.1	1	281	50
12	5	20	25	0.8	1	230	24
12	5	20	30	0.8	1	229	25
12	5	20	35	0.6	1	270	41
12	5	20	40	0.1	0	306	41
12	5	20	45	0.0	0	166	34
12	5	20	50	0.3	0	165	26
12	5	20	55	0.2	0	192	15

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	5	21	0	0.0	0	170	94
12	5	21	5	0.2	0	183	77
12	5	21	10	0.1	1	259	44
12	5	21	15	0.3	1	190	9
12	5	21	20	0.5	1	209	12
12	5	21	25	0.2	1	236	19
12	5	21	30	0.2	0	239	35
12	5	21	35	0.3	0	224	27
12	5	21	40	0.4	1	247	35
12	5	21	45	0.5	1	242	50
12	5	21	50	0.6	2	246	91
12	5	21	55	0.4	0	320	39
12	5	22	0	0.4	1	329	25
12	5	22	5	0.5	3	358	56
12	5	22	10	1.0	1	323	29
12	5	22	15	0.7	1	323	58
12	5	22	20	1.0	1	0	37
12	5	22	25	0.7	1	7	38
12	5	22	30	0.5	1	5	33
12	5	22	35	0.8	1	4	64
12	5	22	40	0.4	0	75	58
12	5	22	45	0.5	1	81	36
12	5	22	50	0.6	2	54	54
12	5	22	55	0.7	1	343	21
12	5	23	0	0.2	0	11	70
12	5	23	5	0.3	1	13	63
12	5	23	10	0.3	0	28	38
12	5	23	15	0.1	0	214	84
12	5	23	20	0.1	0	103	78
12	5	23	25	0.5	1	206	12
12	5	23	30	0.1	0	183	17
12	5	23	35	0.0	0	112	6
12	5	23	40	0.5	1	188	44
12	5	23	45	0.4	1	235	65
12	5	23	50	0.3	0	76	50
12	5	23	55	0.4	0	196	33
12	6	0	0	0.3	1	192	81
12	6	0	5	0.1	1	169	25
12	6	0	10	0.2	0	245	34
12	6	0	15	0.4	0	239	40
12	6	0	20	0.3	1	217	74
12	6	0	25	0.1	1	174	74
12	6	0	30	0.4	1	239	18
12	6	0	35	0.5	0	210	27
12	6	0	40	0.0	0	271	37
12	6	0	45	0.0	0	217	22
12	6	0	50	0.4	1	208	25
12	6	0	55	0.0	0	169	42
12	6	1	0	0.1	0	115	7
12	6	1	5	0.2	1	104	31
12	6	1	10	0.3	0	104	41
12	6	1	15	0.1	0	112	19
12	6	1	20	0.2	0	72	48
12	6	1	25	0.5	0	351	19
12	6	1	30	0.5	1	81	44
12	6	1	35	0.2	0	146	44
12	6	1	40	0.0	0	185	64
12	6	1	45	0.1	0	188	59
12	6	1	50	0.1	0	27	92
12	6	1	55	0.3	1	157	65
12	6	2	0	0.4	1	190	14
12	6	2	5	0.1	1	138	45
12	6	2	10	0.2	0	44	12
12	6	2	15	0.4	1	223	35
12	6	2	20	0.6	1	267	33
12	6	2	25	0.4	1	291	40
12	6	2	30	0.7	1	235	33
12	6	2	35	0.3	0	231	33
12	6	2	40	0.4	1	201	19
12	6	2	45	0.4	0	245	60
12	6	2	50	0.3	0	112	42
12	6	2	55	0.0	0	285	61
12	6	3	0	0.4	1	336	85
12	6	3	5	1.0	1	3	66
12	6	3	10	0.6	1	340	32
12	6	3	15	0.6	0	359	43
12	6	3	20	0.4	0	334	61
12	6	3	25	0.0	0	26	52
12	6	3	30	0.3	1	43	28
12	6	3	35	0.1	0	86	62
12	6	3	40	0.0	0	170	5
12	6	3	45	0.1	1	153	33
12	6	3	50	0.2	0	67	56
12	6	3	55	0.2	0	210	21



DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	6	4	0	0.4	1	98	48
12	6	4	5	0.2	1	151	38
12	6	4	10	0.5	1	188	9
12	6	4	15	0.3	0	172	36
12	6	4	20	0.6	1	205	13
12	6	4	25	0.3	1	198	14
12	6	4	30	0.4	0	208	18
12	6	4	35	0.2	0	176	28
12	6	4	40	0.3	1	189	34
12	6	4	45	0.4	0	211	17
12	6	4	50	0.2	1	205	12
12	6	4	55	0.1	0	196	10
12	6	5	0	0.2	1	181	33
12	6	5	5	0.2	0	200	18
12	6	5	10	0.2	0	167	38
12	6	5	15	0.0	0	164	49
12	6	5	20	0.3	1	224	27
12	6	5	25	0.2	0	207	28
12	6	5	30	0.1	0	252	40
12	6	5	35	0.3	1	259	53
12	6	5	40	0.2	0	205	45
12	6	5	45	0.4	1	200	26
12	6	5	50	0.1	0	190	7
12	6	5	55	0.3	1	215	13
12	6	6	0	0.4	0	208	33
12	6	6	5	0.3	0	351	61
12	6	6	10	0.4	1	40	43
12	6	6	15	0.4	0	318	47
12	6	6	20	0.6	1	0	38
12	6	6	25	0.3	0	1	56
12	6	6	30	0.7	1	355	59
12	6	6	35	1.1	1	350	22
12	6	6	40	0.5	2	18	49
12	6	6	45	0.3	0	358	37
12	6	6	50	0.5	1	350	54
12	6	6	55	0.3	0	19	60
12	6	7	0	0.0	0	119	12
12	6	7	5	0.0	0	190	50
12	6	7	10	0.1	1	163	49
12	6	7	15	0.6	1	22	57
12	6	7	20	0.1	0	88	44
12	6	7	25	0.6	1	256	35
12	6	7	30	0.5	0	325	92
12	6	7	35	0.1	0	307	38
12	6	7	40	0.5	1	255	24
12	6	7	45	0.9	1	233	29
12	6	7	50	0.6	1	284	38
12	6	7	55	0.7	2	224	28
12	6	8	0	1.2	2	252	22
12	6	8	5	0.6	1	241	35
12	6	8	10	0.4	1	269	29
12	6	8	15	0.5	1	279	47
12	6	8	20	0.3	1	327	50
12	6	8	25	0.1	0	351	28
12	6	8	30	0.0	0	8	33
12	6	8	35	0.4	1	342	24
12	6	8	40	0.4	0	326	26
12	6	8	45	0.0	0	58	54
12	6	8	50	0.2	0	74	40
12	6	8	55	0.4	1	61	49
12	6	9	0	0.9	0	13	28
12	6	9	5	0.2	1	76	72
12	6	9	10	0.7	1	62	52
12	6	9	15	0.8	2	331	50
12	6	9	20	0.8	1	337	28
12	6	9	25	0.2	0	359	47
12	6	9	30	0.1	1	10	75
12	6	9	35	0.4	0	62	66
12	6	9	40	0.2	1	259	73
12	6	9	45	0.3	0	105	43
12	6	9	50	0.3	1	333	53
12	6	9	55	0.5	1	348	31
12	6	10	0	0.3	1	353	41
12	6	10	5	0.3	1	41	68
12	6	10	10	0.2	1	45	47
12	6	10	15	0.7	1	17	52
12	6	10	20	0.5	1	0	24
12	6	10	25	0.3	1	349	59
12	6	10	30	0.5	1	4	64
12	6	10	35	0.9	2	348	28
12	6	10	40	0.4	0	238	81
12	6	10	45	0.9	2	346	51
12	6	10	50	0.8	2	337	54
12	6	10	55	1.0	2	6	47

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	6	11	0	1.0	3	26	38
12	6	11	5	0.6	1	357	46
12	6	11	10	0.5	0	306	49
12	6	11	15	0.3	1	23	61
12	6	11	20	0.7	2	2	54
12	6	11	25	0.5	1	16	42
12	6	11	30	0.4	1	319	44
12	6	11	35	0.3	1	242	77
12	6	11	40	0.7	2	10	40
12	6	11	45	0.7	1	334	31
12	6	11	50	0.5	1	2	61
12	6	11	55	1.0	2	0	27
12	6	12	0	0.9	3	23	58
12	6	12	5	1.3	3	27	36
12	6	12	10	0.5	2	48	69
12	6	12	15	0.5	2	354	36
12	6	12	20	0.5	1	293	46
12	6	12	25	0.5	1	320	62
12	6	12	30	1.1	2	4	48
12	6	12	35	0.8	3	52	40
12	6	12	40	1.1	1	35	56
12	6	12	45	1.0	2	48	57
12	6	12	50	0.9	1	1	33
12	6	12	55	1.1	1	352	22
12	6	13	0	1.1	1	343	32
12	6	13	5	0.3	1	126	66
12	6	13	10	0.8	1	73	44
12	6	13	15	1.1	3	28	40
12	6	13	20	1.2	2	51	53
12	6	13	25	1.3	2	42	60
12	6	13	30	1.3	2	67	42
12	6	13	35	0.9	2	80	66
12	6	13	40	1.2	3	54	54
12	6	13	45	1.1	2	85	65
12	6	13	50	1.4	3	77	55
12	6	13	55	1.4	3	66	51
12	6	14	0	1.3	2	49	56
12	6	14	5	1.1	2	59	54
12	6	14	10	1.3	3	75	50
12	6	14	15	1.3	2	86	65
12	6	14	20	1.1	1	70	64
12	6	14	25	1.0	3	79	84
12	6	14	30	1.2	1	167	61
12	6	14	35	0.8	3	84	62
12	6	14	40	1.5	3	91	41
12	6	14	45	0.6	2	100	88
12	6	14	50	1.2	2	184	60
12	6	14	55	0.5	1	247	60
12	6	15	0	0.5	1	106	77
12	6	15	5	0.6	1	85	86
12	6	15	10	1.0	4	48	55
12	6	15	15	0.6	2	14	67
12	6	15	20	0.5	0	0	51
12	6	15	25	0.2	0	121	86
12	6	15	30	0.6	1	155	41
12	6	15	35	0.4	1	140	47
12	6	15	40	0.5	1	124	89
12	6	15	45	1.1	2	27	46
12	6	15	50	0.9	2	35	52
12	6	15	55	1.2	2	41	37
12	6	16	0	0.9	0	0	69
12	6	16	5	0.6	1	102	55
12	6	16	10	1.3	2	58	41
12	6	16	15	0.8	2	19	45
12	6	16	20	0.8	2	114	76
12	6	16	25	0.6	1	58	80
12	6	16	30	0.5	1	10	65
12	6	16	35	0.7	2	70	82
12	6	16	40	0.7	4	35	77
12	6	16	45	1.5	3	45	39
12	6	16	50	1.3	5	42	40
12	6	16	55	1.9	3	53	29
12	6	17	0	1.1	1	32	46
12	6	17	5	1.0	2	40	38
12	6	17	10	1.3	3	50	47
12	6	17	15	1.1	2	69	47
12	6	17	20	0.6	1	40	66
12	6	17	25	0.8	2	64	43
12	6	17	30	0.6	1	55	53
12	6	17	35	0.3	1	58	80
12	6	17	40	0.4	1	92	37
12	6	17	45	0.2	0	86	58
12	6	17	50	0.3	1	9	62
12	6	17	55	0.9	1	348	28

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	6	18	0	0.3	1	31	53
12	6	18	5	0.2	0	97	57
12	6	18	10	0.8	2	59	41
12	6	18	15	0.7	1	53	51
12	6	18	20	0.8	2	63	49
12	6	18	25	0.8	3	48	57
12	6	18	30	0.9	2	45	69
12	6	18	35	1.0	2	41	40
12	6	18	40	0.8	1	49	63
12	6	18	45	1.4	3	31	45
12	6	18	50	1.4	2	1	32
12	6	18	55	0.7	2	353	58
12	6	19	0	1.2	3	31	33
12	6	19	5	0.8	1	12	40
12	6	19	10	1.5	3	50	31
12	6	19	15	1.1	3	36	45
12	6	19	20	1.1	3	10	38
12	6	19	25	0.7	1	4	56
12	6	19	30	0.3	1	95	59
12	6	19	35	0.2	0	201	86
12	6	19	40	0.2	1	22	74
12	6	19	45	0.3	0	143	82
12	6	19	50	0.3	1	196	27
12	6	19	55	0.4	0	163	34
12	6	20	0	0.2	1	186	40
12	6	20	5	0.3	0	296	100
12	6	20	10	0.1	0	209	21
12	6	20	15	0.2	1	171	51
12	6	20	20	0.3	1	109	64
12	6	20	25	0.1	0	121	98
12	6	20	30	0.2	1	67	29
12	6	20	35	0.1	0	42	72
12	6	20	40	0.3	1	75	78
12	6	20	45	0.5	1	82	42
12	6	20	50	0.1	1	17	75
12	6	20	55	0.0	0	146	40
12	6	21	0	0.2	0	183	30
12	6	21	5	0.1	1	200	59
12	6	21	10	0.2	0	171	47
12	6	21	15	0.2	1	169	54
12	6	21	20	0.1	0	334	86
12	6	21	25	0.1	0	158	69
12	6	21	30	0.6	2	190	51
12	6	21	35	0.3	0	141	54
12	6	21	40	0.1	0	96	62
12	6	21	45	0.1	1	142	39
12	6	21	50	0.3	1	93	75
12	6	21	55	0.2	1	87	35
12	6	22	0	0.5	2	6	74
12	6	22	5	1.0	1	33	28
12	6	22	10	0.7	1	92	81
12	6	22	15	0.1	1	5	83
12	6	22	20	0.6	1	37	48
12	6	22	25	0.0	0	112	39
12	6	22	30	0.1	1	174	93
12	6	22	35	0.8	2	66	38
12	6	22	40	0.7	1	59	39
12	6	22	45	0.5	1	20	30
12	6	22	50	0.5	1	18	39
12	6	22	55	0.5	1	13	45
12	6	23	0	0.2	1	57	74
12	6	23	5	0.5	0	130	78
12	6	23	10	0.3	0	68	34
12	6	23	15	0.3	1	96	28
12	6	23	20	0.5	1	49	33
12	6	23	25	0.4	1	18	54
12	6	23	30	0.3	1	97	40
12	6	23	35	0.2	1	120	43
12	6	23	40	0.5	0	97	37
12	6	23	45	0.0	0	91	60
12	6	23	50	0.2	1	152	36
12	6	23	55	0.1	0	72	43
12	7	0	0	0.0	0	118	59
12	7	0	5	0.2	1	104	26
12	7	0	10	0.1	1	162	77
12	7	0	15	0.1	0	112	8
12	7	0	20	0.0	0	132	44
12	7	0	25	0.2	0	277	68
12	7	0	30	0.3	1	225	24
12	7	0	35	0.2	0	235	30
12	7	0	40	0.3	0	337	63
12	7	0	45	0.1	0	216	30
12	7	0	50	0.1	0	261	22
12	7	0	55	0.1	0	232	22

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	7	1	0	0.2	0	230	28
12	7	1	5	0.2	0	212	9
12	7	1	10	0.1	0	221	27
12	7	1	15	0.1	1	234	28
12	7	1	20	0.3	0	215	28
12	7	1	25	0.1	1	16	70
12	7	1	30	0.0	0	139	31
12	7	1	35	0.6	1	234	23
12	7	1	40	0.4	1	250	23
12	7	1	45	0.0	0	192	30
12	7	1	50	0.1	0	193	14
12	7	1	55	0.1	0	206	6
12	7	2	0	0.3	1	192	19
12	7	2	5	0.1	0	227	18
12	7	2	10	0.0	0	210	5
12	7	2	15	0.2	0	190	10
12	7	2	20	0.0	0	201	1
12	7	2	25	0.1	0	202	9
12	7	2	30	0.0	1	228	3
12	7	2	35	0.1	1	216	20
12	7	2	40	0.5	1	242	20
12	7	2	45	0.0	1	243	24
12	7	2	50	0.1	0	269	1
12	7	2	55	0.3	1	355	41
12	7	3	0	0.3	0	355	35
12	7	3	5	0.1	0	327	56
12	7	3	10	0.2	0	245	36
12	7	3	15	0.1	0	269	18
12	7	3	20	0.1	0	278	60
12	7	3	25	0.0	0	264	60
12	7	3	30	0.2	1	224	19
12	7	3	35	0.1	0	189	41
12	7	3	40	0.3	0	46	35
12	7	3	45	0.1	0	74	32
12	7	3	50	0.1	0	53	39
12	7	3	55	0.2	1	1	57
12	7	4	0	0.6	1	352	37
12	7	4	5	0.0	0	291	46
12	7	4	10	0.2	0	54	40
12	7	4	15	0.1	1	26	15
12	7	4	20	0.2	0	17	34
12	7	4	25	0.0	0	288	72
12	7	4	30	0.0	0	353	28
12	7	4	35	0.2	1	3	31
12	7	4	40	0.5	0	0	43
12	7	4	45	0.2	0	257	60
12	7	4	50	0.0	0	233	16
12	7	4	55	0.0	0	214	33
12	7	5	0	0.0	0	136	2
12	7	5	5	0.0	0	169	23
12	7	5	10	0.0	0	199	6
12	7	5	15	0.0	0	222	31
12	7	5	20	0.2	0	228	11
12	7	5	25	0.1	0	208	5
12	7	5	30	0.1	0	186	27
12	7	5	35	0.1	0	177	38
12	7	5	40	0.4	1	119	38
12	7	5	45	0.0	0	204	65
12	7	5	50	0.2	0	238	33
12	7	5	55	0.1	0	203	6
12	7	6	0	0.2	0	215	22
12	7	6	5	0.2	0	217	11
12	7	6	10	0.1	0	268	45
12	7	6	15	0.2	0	199	22
12	7	6	20	0.2	1	225	21
12	7	6	25	0.3	1	220	20
12	7	6	30	0.3	0	219	12
12	7	6	35	0.2	1	223	17
12	7	6	40	0.4	1	208	13
12	7	6	45	0.3	1	229	18
12	7	6	50	0.3	0	213	18
12	7	6	55	0.1	0	215	10
12	7	7	0	0.0	0	224	8
12	7	7	5	0.2	0	224	32
12	7	7	10	0.0	0	199	3
12	7	7	15	0.0	0	178	5
12	7	7	20	0.0	0	181	1
12	7	7	25	0.0	0	180	2
12	7	7	30	0.2	0	188	10
12	7	7	35	0.1	0	217	17
12	7	7	40	0.0	0	287	23
12	7	7	45	0.0	0	13	47
12	7	7	50	0.2	0	1	54
12	7	7	55	0.5	2	49	53

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	7	8	0	0.9	1	31	31
12	7	8	5	0.2	0	98	41
12	7	8	10	0.2	0	29	52
12	7	8	15	0.2	0	120	33
12	7	8	20	0.2	0	106	35
12	7	8	25	0.0	0	116	47
12	7	8	30	0.0	0	180	39
12	7	8	35	0.0	0	190	70
12	7	8	40	0.4	1	228	44
12	7	8	45	0.1	0	172	30
12	7	8	50	0.2	1	344	39
12	7	8	55	0.4	1	13	46
12	7	9	0	0.3	1	331	22
12	7	9	5	0.3	1	331	39
12	7	9	10	0.3	0	310	61
12	7	9	15	0.7	1	331	46
12	7	9	20	0.8	1	0	75
12	7	9	25	0.6	2	93	36
12	7	9	30	0.5	2	54	54
12	7	9	35	0.9	2	45	44
12	7	9	40	0.9	3	53	44
12	7	9	45	1.0	2	65	36
12	7	9	50	1.3	3	55	41
12	7	9	55	0.7	2	38	55
12	7	10	0	0.8	2	37	52
12	7	10	5	1.0	2	58	43
12	7	10	10	1.0	1	54	41
12	7	10	15	0.9	2	60	46
12	7	10	20	1.1	2	34	42
12	7	10	25	1.4	3	49	45
12	7	10	30	1.5	3	66	29
12	7	10	35	0.9	2	70	32
12	7	10	40	1.5	2	57	39
12	7	10	45	1.2	2	67	52
12	7	10	50	0.9	2	60	43
12	7	10	55	1.1	1	66	38
12	7	11	0	0.7	2	53	60
12	7	11	5	0.9	3	50	39
12	7	11	10	0.8	1	42	46
12	7	11	15	0.8	2	48	47
12	7	11	20	1.3	2	10	28
12	7	11	25	1.4	1	33	30
12	7	11	30	1.2	1	55	47
12	7	11	35	1.2	2	33	43
12	7	11	40	0.9	2	65	56
12	7	11	45	1.3	2	49	42
12	7	11	50	0.8	2	62	48
12	7	11	55	1.5	3	23	36
12	7	12	0	1.4	3	22	38
12	7	12	5	1.5	2	36	45
12	7	12	10	1.1	3	22	42
12	7	12	15	1.0	3	36	51
12	7	12	20	1.1	2	60	55
12	7	12	25	1.4	3	51	45
12	7	12	30	1.3	2	34	35
12	7	12	35	1.0	2	48	46
12	7	12	40	1.2	3	44	48
12	7	12	45	1.5	3	68	33
12	7	12	50	1.0	2	58	59
12	7	12	55	1.2	3	35	45
12	7	13	0	1.4	2	34	38
12	7	13	5	1.6	3	30	39
12	7	13	10	1.0	2	48	40
12	7	13	15	0.9	2	53	43
12	7	13	20	0.9	3	21	44
12	7	13	25	1.0	2	42	41
12	7	13	30	1.8	3	36	38
12	7	13	35	1.3	2	302	59
12	7	13	40	1.1	1	18	49
12	7	13	45	0.7	1	287	82
12	7	13	50	0.4	1	275	60
12	7	13	55	0.4	2	30	65
12	7	14	0	0.6	1	351	59
12	7	14	5	0.6	1	19	49
12	7	14	10	1.1	2	28	45
12	7	14	15	0.5	2	9	80
12	7	14	20	1.1	1	238	27
12	7	14	25	0.6	1	258	52
12	7	14	30	0.5	1	136	72
12	7	14	35	1.2	4	34	53
12	7	14	40	1.5	2	35	44
12	7	14	45	1.0	2	69	48
12	7	14	50	1.3	3	28	39
12	7	14	55	1.5	2	17	38

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	7	15	0	1.8	3	48	27
12	7	15	5	1.3	2	51	59
12	7	15	10	1.6	2	40	33
12	7	15	15	0.4	1	68	67
12	7	15	20	0.7	2	43	67
12	7	15	25	1.5	2	41	40
12	7	15	30	1.2	3	54	43
12	7	15	35	1.4	3	27	29
12	7	15	40	0.9	2	45	61
12	7	15	45	1.0	2	60	43
12	7	15	50	0.6	2	19	56
12	7	15	55	0.6	1	94	56
12	7	16	0	1.0	2	52	38
12	7	16	5	1.0	1	58	57
12	7	16	10	0.4	0	124	56
12	7	16	15	0.6	2	75	67
12	7	16	20	1.2	3	57	31
12	7	16	25	0.5	2	66	66
12	7	16	30	0.4	1	68	85
12	7	16	35	0.4	1	18	77
12	7	16	40	0.2	0	333	86
12	7	16	45	0.5	1	106	82
12	7	16	50	0.3	0	8	85
12	7	16	55	0.2	0	282	86
12	7	17	0	0.3	1	354	66
12	7	17	5	0.5	2	15	75
12	7	17	10	0.5	1	25	53
12	7	17	15	0.6	1	27	37
12	7	17	20	0.7	1	64	43
12	7	17	25	0.1	1	213	89
12	7	17	30	0.1	0	144	61
12	7	17	35	0.2	1	157	54
12	7	17	40	0.0	0	155	35
12	7	17	45	0.0	0	169	20
12	7	17	50	0.1	0	162	22
12	7	17	55	0.1	0	147	28
12	7	18	0	0.3	0	126	22
12	7	18	5	0.2	0	126	37
12	7	18	10	0.0	0	149	34
12	7	18	15	0.1	0	177	36
12	7	18	20	0.1	0	114	54
12	7	18	25	0.2	0	175	33
12	7	18	30	0.3	1	191	13
12	7	18	35	0.4	1	213	19
12	7	18	40	0.1	0	148	36
12	7	18	45	0.3	1	204	17
12	7	18	50	0.4	0	214	8
12	7	18	55	0.3	1	226	19
12	7	19	0	0.0	0	158	47
12	7	19	5	0.3	1	197	23
12	7	19	10	0.3	1	230	23
12	7	19	15	0.2	1	225	18
12	7	19	20	0.2	0	213	16
12	7	19	25	0.2	0	204	12
12	7	19	30	0.4	0	213	14
12	7	19	35	0.5	1	209	14
12	7	19	40	0.1	0	214	22
12	7	19	45	0.2	0	200	8
12	7	19	50	0.4	1	208	10
12	7	19	55	0.2	0	207	11
12	7	20	0	0.3	0	215	12
12	7	20	5	0.3	0	213	12
12	7	20	10	0.3	0	214	16
12	7	20	15	0.0	0	211	2
12	7	20	20	0.1	0	274	39
12	7	20	25	0.4	1	219	39
12	7	20	30	0.3	0	187	29
12	7	20	35	0.1	1	216	48
12	7	20	40	0.2	1	232	28
12	7	20	45	0.2	0	216	38
12	7	20	50	0.1	1	196	25
12	7	20	55	0.1	1	240	17
12	7	21	0	0.4	1	224	16
12	7	21	5	0.5	0	212	10
12	7	21	10	0.4	1	238	21
12	7	21	15	0.5	1	225	19
12	7	21	20	0.5	1	214	23
12	7	21	25	0.6	1	209	16
12	7	21	30	0.3	0	224	21
12	7	21	35	0.3	1	214	19
12	7	21	40	0.2	0	204	21
12	7	21	45	0.0	0	246	44
12	7	21	50	0.0	0	198	38
12	7	21	55	0.1	0	210	22

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	7	22	0	0.0	0	221	30
12	7	22	5	0.0	0	228	18
12	7	22	10	0.0	0	265	74
12	7	22	15	0.1	0	115	39
12	7	22	20	0.1	0	190	29
12	7	22	25	0.1	1	75	53
12	7	22	30	0.5	1	48	44
12	7	22	35	0.6	1	51	52
12	7	22	40	0.3	1	359	47
12	7	22	45	0.2	1	295	76
12	7	22	50	0.3	0	235	73
12	7	22	55	0.4	1	242	74
12	7	23	0	0.6	1	241	22
12	7	23	5	0.2	0	94	58
12	7	23	10	0.1	1	187	43
12	7	23	15	0.5	0	223	24
12	7	23	20	0.0	0	149	24
12	7	23	25	0.0	0	155	46
12	7	23	30	1.1	2	358	24
12	7	23	35	1.2	2	356	22
12	7	23	40	1.2	2	349	24
12	7	23	45	1.0	1	339	26
12	7	23	50	0.8	1	350	18
12	7	23	55	0.8	2	333	24
12	8	0	0	0.7	0	345	38
12	8	0	5	0.1	0	92	45
12	8	0	10	0.4	0	257	43
12	8	0	15	0.3	0	183	40
12	8	0	20	0.0	0	186	33
12	8	0	25	0.2	1	236	39
12	8	0	30	0.0	0	124	43
12	8	0	35	0.0	0	128	13
12	8	0	40	0.0	0	156	40
12	8	0	45	0.1	0	152	55
12	8	0	50	0.1	0	196	8
12	8	0	55	0.0	0	192	12
12	8	1	0	0.3	0	122	11
12	8	1	5	0.0	0	111	18
12	8	1	10	0.9	1	2	22
12	8	1	15	0.4	0	17	29
12	8	1	20	0.1	0	7	39
12	8	1	25	0.5	1	282	38
12	8	1	30	0.8	2	241	20
12	8	1	35	1.2	5	240	53
12	8	1	40	1.9	4	233	27
12	8	1	45	1.3	1	241	35
12	8	1	50	0.5	1	300	94
12	8	1	55	1.0	3	290	78
12	8	2	0	1.0	3	299	83
12	8	2	5	2.1	4	6	44
12	8	2	10	2.3	4	350	25
12	8	2	15	1.9	3	343	17
12	8	2	20	1.2	3	235	46
12	8	2	25	1.7	3	307	45
12	8	2	30	1.6	4	328	46
12	8	2	35	0.6	1	287	61
12	8	2	40	1.0	3	252	46
12	8	2	45	1.1	1	237	59
12	8	2	50	0.9	1	267	74
12	8	2	55	0.7	3	311	73
12	8	3	0	1.6	2	349	64
12	8	3	5	1.5	3	333	67
12	8	3	10	1.0	2	287	71
12	8	3	15	1.2	2	310	47
12	8	3	20	1.2	5	267	56
12	8	3	25	1.3	2	265	64
12	8	3	30	1.2	3	240	33
12	8	3	35	1.3	2	268	60
12	8	3	40	1.4	2	263	49
12	8	3	45	1.1	2	242	37
12	8	3	50	1.1	5	232	50
12	8	3	55	1.1	4	254	54
12	8	4	0	0.9	2	251	65
12	8	4	5	1.1	2	252	40
12	8	4	10	1.2	3	285	49
12	8	4	15	1.7	4	270	33
12	8	4	20	1.2	3	299	45
12	8	4	25	0.8	2	326	43
12	8	4	30	1.1	1	314	65
12	8	4	35	1.2	1	258	44
12	8	4	40	1.2	3	268	49
12	8	4	45	1.5	4	253	53
12	8	4	50	1.6	5	240	31
12	8	4	55	2.1	4	249	36

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	8	5	0	1.2	2	250	36
12	8	5	5	1.5	2	261	35
12	8	5	10	1.2	3	285	52
12	8	5	15	0.7	2	283	61
12	8	5	20	0.9	2	244	66
12	8	5	25	1.7	3	229	37
12	8	5	30	1.4	3	233	31
12	8	5	35	1.0	3	252	57
12	8	5	40	1.5	2	239	37
12	8	5	45	1.0	2	240	47
12	8	5	50	1.5	5	231	53
12	8	5	55	2.8	6	221	25
12	8	6	0	2.1	3	225	36
12	8	6	5	2.1	5	231	34
12	8	6	10	2.4	4	225	35
12	8	6	15	2.4	4	225	31
12	8	6	20	2.9	4	223	27
12	8	6	25	2.5	4	221	28
12	8	6	30	2.8	5	223	27
12	8	6	35	2.4	4	228	28
12	8	6	40	2.2	3	225	26
12	8	6	45	2.7	3	223	28
12	8	6	50	1.8	2	230	39
12	8	6	55	1.9	3	227	41
12	8	7	0	1.7	5	232	31
12	8	7	5	2.9	5	217	24
12	8	7	10	2.2	4	224	26
12	8	7	15	1.8	2	226	36
12	8	7	20	1.4	2	254	29
12	8	7	25	2.3	6	224	25
12	8	7	30	1.9	4	228	32
12	8	7	35	1.8	4	236	35
12	8	7	40	2.5	4	216	24
12	8	7	45	2.6	4	218	25
12	8	7	50	1.4	3	233	42
12	8	7	55	2.8	5	216	29
12	8	8	0	3.0	5	219	26
12	8	8	5	2.2	3	219	28
12	8	8	10	2.5	5	222	26
12	8	8	15	3.2	6	215	22
12	8	8	20	3.0	5	229	27
12	8	8	25	1.5	3	246	43
12	8	8	30	1.5	2	242	37
12	8	8	35	1.6	3	268	34
12	8	8	40	1.6	3	233	30
12	8	8	45	2.0	4	224	28
12	8	8	50	1.8	4	230	31
12	8	8	55	2.1	5	220	38
12	8	9	0	1.8	3	228	28
12	8	9	5	1.8	2	243	40
12	8	9	10	1.1	2	260	40
12	8	9	15	1.3	3	253	33
12	8	9	20	1.4	2	254	40
12	8	9	25	1.8	3	237	32
12	8	9	30	1.2	2	241	50
12	8	9	35	1.9	2	225	34
12	8	9	40	1.7	3	232	35
12	8	9	45	1.6	3	227	30
12	8	9	50	2.8	5	217	25
12	8	9	55	1.9	4	233	39
12	8	10	0	1.8	3	230	36
12	8	10	5	1.9	4	234	30
12	8	10	10	2.6	5	222	28
12	8	10	15	2.8	4	222	27
12	8	10	20	3.1	7	219	27
12	8	10	25	3.2	5	218	25
12	8	10	30	3.0	8	218	27
12	8	10	35	3.2	7	219	26
12	8	10	40	3.7	7	220	24
12	8	10	45	2.9	7	221	34
12	8	10	50	2.4	4	226	30
12	8	10	55	3.0	5	220	29
12	8	11	0	3.4	7	216	23
12	8	11	5	2.9	5	219	29
12	8	11	10	2.2	5	224	29
12	8	11	15	2.4	4	223	32
12	8	11	20	2.1	4	241	42
12	8	11	25	1.5	3	230	36
12	8	11	30	3.2	8	223	28
12	8	11	35	3.4	5	222	25
12	8	11	40	3.2	9	219	26
12	8	11	45	3.3	5	219	23
12	8	11	50	3.1	6	216	27
12	8	11	55	2.9	5	225	31

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	8	12	0	3.3	6	218	28
12	8	12	5	2.8	6	222	27
12	8	12	10	2.8	6	219	28
12	8	12	15	2.7	3	223	24
12	8	12	20	3.0	5	224	34
12	8	12	25	2.9	4	220	26
12	8	12	30	3.0	7	219	24
12	8	12	35	3.0	7	224	28
12	8	12	40	3.0	5	217	29
12	8	12	45	2.2	4	225	30
12	8	12	50	2.5	4	221	25
12	8	12	55	2.8	5	217	27
12	8	13	0	2.9	3	222	26
12	8	13	5	2.5	4	227	39
12	8	13	10	1.8	3	234	51
12	8	13	15	2.0	4	232	33
12	8	13	20	2.6	7	228	27
12	8	13	25	2.3	4	234	30
12	8	13	30	2.2	5	225	37
12	8	13	35	2.1	4	228	35
12	8	13	40	1.6	2	247	34
12	8	13	45	2.1	4	228	29
12	8	13	50	2.5	5	226	30
12	8	13	55	2.2	5	225	38
12	8	14	0	1.6	4	224	38
12	8	14	5	2.0	1	231	50
12	8	14	10	1.9	5	237	35
12	8	14	15	2.2	4	227	31
12	8	14	20	1.9	4	233	31
12	8	14	25	2.5	6	222	34
12	8	14	30	1.8	4	250	43
12	8	14	35	1.3	4	257	64
12	8	14	40	1.0	3	246	55
12	8	14	45	1.6	2	233	42
12	8	14	50	2.3	3	229	33
12	8	14	55	1.6	5	251	45
12	8	15	0	1.6	1	234	42
12	8	15	5	1.4	2	243	35
12	8	15	10	1.6	3	244	36
12	8	15	15	1.8	6	221	46
12	8	15	20	1.7	6	233	33
12	8	15	25	1.4	3	264	48
12	8	15	30	1.8	5	236	34
12	8	15	35	2.0	5	232	44
12	8	15	40	2.7	4	225	27
12	8	15	45	2.1	5	227	33
12	8	15	50	2.2	5	234	29
12	8	15	55	1.4	3	242	42
12	8	16	0	1.9	3	267	51
12	8	16	5	1.7	4	236	42
12	8	16	10	2.7	7	222	32
12	8	16	15	2.5	5	244	38
12	8	16	20	2.1	3	240	44
12	8	16	25	2.8	7	231	31
12	8	16	30	2.0	4	235	53
12	8	16	35	2.4	8	239	30
12	8	16	40	2.5	6	230	34
12	8	16	45	2.3	4	227	40
12	8	16	50	2.1	5	232	44
12	8	16	55	1.9	5	236	49
12	8	17	0	1.7	2	235	32
12	8	17	5	2.2	4	232	34
12	8	17	10	2.0	3	232	33
12	8	17	15	2.3	4	227	38
12	8	17	20	2.5	3	230	37
12	8	17	25	2.8	6	221	28
12	8	17	30	2.6	7	227	26
12	8	17	35	2.9	5	230	28
12	8	17	40	1.8	4	232	33
12	8	17	45	3.1	4	235	32
12	8	17	50	2.7	5	220	26
12	8	17	55	2.4	4	227	27
12	8	18	0	2.6	5	218	26
12	8	18	5	3.2	6	216	25
12	8	18	10	1.8	4	235	34
12	8	18	15	1.6	5	237	35
12	8	18	20	1.4	3	238	37
12	8	18	25	1.1	3	251	50
12	8	18	30	0.9	2	280	66
12	8	18	35	1.7	4	243	37
12	8	18	40	2.3	5	220	27
12	8	18	45	2.0	3	225	34
12	8	18	50	1.3	2	242	54
12	8	18	55	1.3	3	242	32

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	8	19	0	1.8	4	227	29
12	8	19	5	1.6	4	231	34
12	8	19	10	1.8	3	235	29
12	8	19	15	1.5	4	236	33
12	8	19	20	1.6	3	244	42
12	8	19	25	1.5	3	248	40
12	8	19	30	1.8	2	226	29
12	8	19	35	1.4	3	240	30
12	8	19	40	1.9	4	222	26
12	8	19	45	1.2	4	246	39
12	8	19	50	1.5	3	236	31
12	8	19	55	1.6	3	230	33
12	8	20	0	1.7	3	229	25
12	8	20	5	1.6	2	242	34
12	8	20	10	1.7	4	234	27
12	8	20	15	1.7	2	234	32
12	8	20	20	1.5	2	234	29
12	8	20	25	1.5	4	227	30
12	8	20	30	1.8	6	230	35
12	8	20	35	2.6	5	217	25
12	8	20	40	2.0	3	223	28
12	8	20	45	2.5	4	217	24
12	8	20	50	2.8	5	221	24
12	8	20	55	2.4	4	218	24
12	8	21	0	2.6	5	224	31
12	8	21	5	2.9	4	217	20
12	8	21	10	2.2	4	231	31
12	8	21	15	1.4	3	242	38
12	8	21	20	1.7	3	270	45
12	8	21	25	1.6	4	249	29
12	8	21	30	1.6	4	253	37
12	8	21	35	1.6	2	260	37
12	8	21	40	1.8	3	259	42
12	8	21	45	1.4	3	247	31
12	8	21	50	1.5	4	277	50
12	8	21	55	1.8	5	242	29
12	8	22	0	1.8	4	231	23
12	8	22	5	1.4	3	253	37
12	8	22	10	1.8	4	241	42
12	8	22	15	1.7	5	257	37
12	8	22	20	1.8	3	236	33
12	8	22	25	1.7	3	244	28
12	8	22	30	1.7	3	235	28
12	8	22	35	1.5	3	254	40
12	8	22	40	1.6	3	230	28
12	8	22	45	1.8	3	220	40
12	8	22	50	1.3	3	261	32
12	8	22	55	1.4	3	255	55
12	8	23	0	1.5	2	248	29
12	8	23	5	1.3	5	285	44
12	8	23	10	1.4	4	257	44
12	8	23	15	1.5	3	249	28
12	8	23	20	1.3	3	273	65
12	8	23	25	2.1	4	257	35
12	8	23	30	1.0	3	278	42
12	8	23	35	1.2	2	277	47
12	8	23	40	1.3	1	254	31
12	8	23	45	1.0	2	252	44
12	8	23	50	2.2	3	224	28
12	8	23	55	1.9	4	229	29
12	9	0	0	1.7	3	230	35
12	9	0	5	1.6	3	248	39
12	9	0	10	2.0	3	230	32
12	9	0	15	1.7	2	228	43
12	9	0	20	1.0	2	249	61
12	9	0	25	1.9	4	228	28
12	9	0	30	1.3	2	247	44
12	9	0	35	1.4	4	287	69
12	9	0	40	1.9	3	301	48
12	9	0	45	1.2	4	280	53
12	9	0	50	1.8	3	266	43
12	9	0	55	1.3	2	261	35
12	9	1	0	2.2	6	233	40
12	9	1	5	1.7	3	235	29
12	9	1	10	1.8	4	228	33
12	9	1	15	1.5	4	223	39
12	9	1	20	1.7	6	223	28
12	9	1	25	2.0	5	219	24
12	9	1	30	2.3	3	222	28
12	9	1	35	1.6	4	221	38
12	9	1	40	2.4	4	215	25
12	9	1	45	1.7	3	235	27
12	9	1	50	1.2	1	242	35
12	9	1	55	2.3	5	227	34

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	9	2	0	1.9	2	227	40
12	9	2	5	1.2	2	253	36
12	9	2	10	1.5	4	236	29
12	9	2	15	1.7	2	229	40
12	9	2	20	1.4	3	241	33
12	9	2	25	1.5	4	247	43
12	9	2	30	1.9	4	229	34
12	9	2	35	1.6	5	224	32
12	9	2	40	1.9	2	234	59
12	9	2	45	1.3	3	321	58
12	9	2	50	1.3	4	296	59
12	9	2	55	1.4	3	254	48
12	9	3	0	1.9	2	221	32
12	9	3	5	1.1	1	242	42
12	9	3	10	1.5	3	233	38
12	9	3	15	2.3	3	222	30
12	9	3	20	2.3	4	225	28
12	9	3	25	1.3	2	242	48
12	9	3	30	1.7	3	248	32
12	9	3	35	1.6	2	239	29
12	9	3	40	2.1	5	223	24
12	9	3	45	2.1	3	231	35
12	9	3	50	2.3	7	226	32
12	9	3	55	2.3	3	223	26
12	9	4	0	1.9	4	228	31
12	9	4	5	2.1	5	226	31
12	9	4	10	2.0	5	222	26
12	9	4	15	1.1	1	243	51
12	9	4	20	1.0	3	233	55
12	9	4	25	2.0	4	236	31
12	9	4	30	2.1	7	226	37
12	9	4	35	2.9	3	222	30
12	9	4	40	1.9	5	221	29
12	9	4	45	2.8	6	219	27
12	9	4	50	2.1	3	223	31
12	9	4	55	1.3	3	229	34
12	9	5	0	1.5	3	237	32
12	9	5	5	1.1	2	275	39
12	9	5	10	1.5	3	230	29
12	9	5	15	2.1	5	216	28
12	9	5	20	1.8	5	227	30
12	9	5	25	2.3	5	227	26
12	9	5	30	3.0	4	217	26
12	9	5	35	2.2	5	219	28
12	9	5	40	3.0	5	214	21
12	9	5	45	2.2	5	222	28
12	9	5	50	2.0	3	226	26
12	9	5	55	2.5	4	217	26
12	9	6	0	2.4	5	221	26
12	9	6	5	2.8	4	213	21
12	9	6	10	2.3	5	224	27
12	9	6	15	2.4	4	223	28
12	9	6	20	2.8	5	215	22
12	9	6	25	2.5	4	219	27
12	9	6	30	2.3	5	228	30
12	9	6	35	2.5	4	222	26
12	9	6	40	1.9	3	217	24
12	9	6	45	1.3	2	238	31
12	9	6	50	1.8	3	225	24
12	9	6	55	1.3	2	239	25
12	9	7	0	1.4	3	239	27
12	9	7	5	2.1	4	247	24
12	9	7	10	1.5	3	223	26
12	9	7	15	1.6	3	227	34
12	9	7	20	2.6	4	215	19
12	9	7	25	2.7	5	217	23
12	9	7	30	2.7	5	214	23
12	9	7	35	1.2	3	235	61
12	9	7	40	2.0	4	225	27
12	9	7	45	2.2	4	217	29
12	9	7	50	1.4	1	224	33
12	9	7	55	1.2	4	252	45
12	9	8	0	2.4	5	221	28
12	9	8	5	2.0	5	227	35
12	9	8	10	2.4	3	220	25
12	9	8	15	2.1	3	223	27
12	9	8	20	2.1	4	219	25
12	9	8	25	2.2	5	223	24
12	9	8	30	2.5	4	226	27
12	9	8	35	2.0	3	220	27
12	9	8	40	1.3	3	232	44
12	9	8	45	1.4	4	246	33
12	9	8	50	0.8	1	235	59
12	9	8	55	1.4	2	243	34

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	9	9	0	0.9	1	284	40
12	9	9	5	1.3	3	265	47
12	9	9	10	1.7	3	229	33
12	9	9	15	2.1	3	217	25
12	9	9	20	2.3	5	220	26
12	9	9	25	1.9	6	218	26
12	9	9	30	2.5	4	224	30
12	9	9	35	1.1	1	261	46
12	9	9	40	1.7	3	238	29
12	9	9	45	1.6	4	222	31
12	9	9	50	0.9	2	248	51
12	9	9	55	2.2	4	218	24
12	9	10	0	2.0	3	228	27
12	9	10	5	1.7	4	220	25
12	9	10	10	1.9	4	221	24
12	9	10	15	1.6	3	223	29
12	9	10	20	2.0	4	216	25
12	9	10	25	1.8	4	220	32
12	9	10	30	2.2	2	227	31
12	9	10	35	1.6	5	224	30
12	9	10	40	0.9	2	297	57
12	9	10	45	1.5	3	227	26
12	9	10	50	1.0	3	237	33
12	9	10	55	0.9	2	278	80
12	9	11	0	0.9	2	337	47
12	9	11	5	1.0	2	280	61
12	9	11	10	1.2	2	281	40
12	9	11	15	1.4	2	245	26
12	9	11	20	1.6	3	223	29
12	9	11	25	1.3	2	237	55
12	9	11	30	0.9	1	229	49
12	9	11	35	1.3	4	288	40
12	9	11	40	1.4	4	327	77
12	9	11	45	1.6	3	254	48
12	9	11	50	1.8	3	316	34
12	9	11	55	1.4	1	289	63
12	9	12	0	1.5	2	279	50
12	9	12	5	1.1	3	258	49
12	9	12	10	1.5	4	320	61
12	9	12	15	1.1	2	254	47
12	9	12	20	1.1	3	299	80
12	9	12	25	1.2	2	314	52
12	9	12	30	0.8	1	23	71
12	9	12	35	1.5	3	6	41
12	9	12	40	1.6	2	314	76
12	9	12	45	1.6	2	275	54
12	9	12	50	1.3	1	235	50
12	9	12	55	1.4	3	218	31
12	9	13	0	0.8	3	251	85
12	9	13	5	1.0	1	240	50
12	9	13	10	1.2	3	321	70
12	9	13	15	1.7	3	332	45
12	9	13	20	0.5	3	288	66
12	9	13	25	1.5	3	286	37
12	9	13	30	1.1	3	323	52
12	9	13	35	1.2	1	269	65
12	9	13	40	1.2	3	217	51
12	9	13	45	1.3	2	245	32
12	9	13	50	1.2	3	277	47
12	9	13	55	1.4	3	230	42
12	9	14	0	0.8	1	238	40
12	9	14	5	1.3	1	254	44
12	9	14	10	1.1	2	271	65
12	9	14	15	1.0	3	342	42
12	9	14	20	0.9	1	309	33
12	9	14	25	0.7	2	327	72
12	9	14	30	0.8	1	323	76
12	9	14	35	0.5	1	356	55
12	9	14	40	0.4	0	253	82
12	9	14	45	0.9	2	352	39
12	9	14	50	0.9	2	269	54
12	9	14	55	0.9	1	247	40
12	9	15	0	0.4	1	129	91
12	9	15	5	0.6	1	218	80
12	9	15	10	1.4	3	257	51
12	9	15	15	0.8	2	344	60
12	9	15	20	0.9	1	255	58
12	9	15	25	1.6	3	221	27
12	9	15	30	0.8	1	264	67
12	9	15	35	1.1	3	254	49
12	9	15	40	1.2	2	201	28
12	9	15	45	1.1	3	202	41
12	9	15	50	1.1	1	227	32
12	9	15	55	0.8	3	228	69

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	9	16	0	0.9	2	232	41
12	9	16	5	1.4	4	245	41
12	9	16	10	0.7	1	249	37
12	9	16	15	0.8	2	245	38
12	9	16	20	1.4	3	264	46
12	9	16	25	0.6	2	139	91
12	9	16	30	0.9	2	236	48
12	9	16	35	0.9	3	265	36
12	9	16	40	1.4	2	278	52
12	9	16	45	1.2	1	253	44
12	9	16	50	0.7	1	238	45
12	9	16	55	0.8	1	259	38
12	9	17	0	0.9	1	238	50
12	9	17	5	0.3	1	257	39
12	9	17	10	0.9	2	247	29
12	9	17	15	1.0	1	233	38
12	9	17	20	0.7	1	239	22
12	9	17	25	1.0	1	252	45
12	9	17	30	0.7	1	218	30
12	9	17	35	1.0	2	233	24
12	9	17	40	0.9	2	223	20
12	9	17	45	0.6	1	227	26
12	9	17	50	0.9	1	214	17
12	9	17	55	0.8	1	233	22
12	9	18	0	0.5	2	228	20
12	9	18	5	0.9	2	222	23
12	9	18	10	1.0	2	214	20
12	9	18	15	1.1	2	207	18
12	9	18	20	1.1	2	204	18
12	9	18	25	1.1	2	208	15
12	9	18	30	1.1	2	210	16
12	9	18	35	1.0	2	206	19
12	9	18	40	1.0	1	206	15
12	9	18	45	0.9	2	225	21
12	9	18	50	1.1	2	242	23
12	9	18	55	1.0	2	217	20
12	9	19	0	1.0	2	210	21
12	9	19	5	1.1	2	212	19
12	9	19	10	0.8	2	224	24
12	9	19	15	1.0	2	226	22
12	9	19	20	1.1	1	217	19
12	9	19	25	0.8	2	237	21
12	9	19	30	0.7	2	237	28
12	9	19	35	0.9	1	232	22
12	9	19	40	0.9	2	244	18
12	9	19	45	0.9	2	238	21
12	9	19	50	1.0	2	238	26
12	9	19	55	1.0	1	235	25
12	9	20	0	0.9	2	233	24
12	9	20	5	1.2	2	232	20
12	9	20	10	1.5	3	248	20
12	9	20	15	1.4	2	243	20
12	9	20	20	0.9	2	243	24
12	9	20	25	0.9	1	231	25
12	9	20	30	0.8	1	240	42
12	9	20	35	0.8	2	242	26
12	9	20	40	1.3	3	227	26
12	9	20	45	1.4	2	231	21
12	9	20	50	1.0	1	245	21
12	9	20	55	1.3	2	241	20
12	9	21	0	0.6	1	271	43
12	9	21	5	0.7	2	243	34
12	9	21	10	0.9	2	237	39
12	9	21	15	1.1	2	233	26
12	9	21	20	1.0	1	240	19
12	9	21	25	1.2	1	247	32
12	9	21	30	0.8	2	249	21
12	9	21	35	0.7	3	238	24
12	9	21	40	1.1	1	234	26
12	9	21	45	0.8	2	259	39
12	9	21	50	0.9	2	232	22
12	9	21	55	0.8	1	253	30
12	9	22	0	0.9	2	237	70
12	9	22	5	1.0	2	217	38
12	9	22	10	0.7	2	244	30
12	9	22	15	0.9	2	255	51
12	9	22	20	1.0	2	234	40
12	9	22	25	0.9	1	241	38
12	9	22	30	1.1	1	255	66
12	9	22	35	0.8	1	242	42
12	9	22	40	1.0	2	249	35
12	9	22	45	0.7	1	260	43
12	9	22	50	0.7	1	234	31
12	9	22	55	1.2	1	230	31

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	9	23	0	1.5	3	217	21
12	9	23	5	1.5	1	214	31
12	9	23	10	0.5	1	234	29
12	9	23	15	1.3	2	235	33
12	9	23	20	1.2	1	237	35
12	9	23	25	0.9	2	255	38
12	9	23	30	1.1	2	239	27
12	9	23	35	1.1	2	256	27
12	9	23	40	1.1	1	243	30
12	9	23	45	1.3	2	249	32
12	9	23	50	1.2	1	248	40
12	9	23	55	1.2	2	245	30
12	10	0	0	1.0	2	249	28
12	10	0	5	1.2	1	265	26
12	10	0	10	1.0	2	278	28
12	10	0	15	1.0	2	269	32
12	10	0	20	1.1	2	250	37
12	10	0	25	1.1	3	259	35
12	10	0	30	1.1	2	249	30
12	10	0	35	1.1	2	221	25
12	10	0	40	1.2	3	260	41
12	10	0	45	0.9	1	237	34
12	10	0	50	1.1	2	234	27
12	10	0	55	1.0	2	263	35
12	10	1	0	1.3	2	241	46
12	10	1	5	0.6	1	251	33
12	10	1	10	1.1	2	246	39
12	10	1	15	1.0	2	242	27
12	10	1	20	0.9	1	228	24
12	10	1	25	0.7	1	252	35
12	10	1	30	0.9	1	257	21
12	10	1	35	1.1	2	258	28
12	10	1	40	1.3	3	240	33
12	10	1	45	1.0	2	245	42
12	10	1	50	0.5	2	253	38
12	10	1	55	1.1	2	272	26
12	10	2	0	0.9	1	233	30
12	10	2	5	0.9	1	259	34
12	10	2	10	1.3	2	250	39
12	10	2	15	0.8	1	244	27
12	10	2	20	1.2	1	237	29
12	10	2	25	0.8	1	232	63
12	10	2	30	1.1	3	224	33
12	10	2	35	1.0	2	216	32
12	10	2	40	1.0	2	246	56
12	10	2	45	0.5	1	243	45
12	10	2	50	1.1	3	224	48
12	10	2	55	0.9	1	250	35
12	10	3	0	1.0	2	232	17
12	10	3	5	1.0	2	224	27
12	10	3	10	0.8	1	242	27
12	10	3	15	0.9	2	229	21
12	10	3	20	0.8	2	228	29
12	10	3	25	0.7	2	228	30
12	10	3	30	0.8	1	259	50
12	10	3	35	0.8	3	226	32
12	10	3	40	1.0	3	262	32
12	10	3	45	0.8	1	226	27
12	10	3	50	0.8	2	254	28
12	10	3	55	0.9	2	254	31
12	10	4	0	0.9	2	251	20
12	10	4	5	1.0	2	223	38
12	10	4	10	0.8	2	241	38
12	10	4	15	1.4	3	268	43
12	10	4	20	1.0	2	242	56
12	10	4	25	0.8	1	270	35
12	10	4	30	0.7	1	244	29
12	10	4	35	1.3	2	256	25
12	10	4	40	1.6	4	248	29
12	10	4	45	1.3	4	246	30
12	10	4	50	1.4	3	253	32
12	10	4	55	1.1	3	262	43
12	10	5	0	1.2	1	257	57
12	10	5	5	1.2	1	254	36
12	10	5	10	0.8	2	260	57
12	10	5	15	1.3	3	267	41
12	10	5	20	1.1	2	293	29
12	10	5	25	1.1	2	271	34
12	10	5	30	1.2	4	287	36
12	10	5	35	1.0	2	291	45
12	10	5	40	0.9	1	299	37
12	10	5	45	0.5	1	303	50
12	10	5	50	0.8	2	343	31
12	10	5	55	0.4	1	322	47

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	10	6	0	0.5	2	237	84
12	10	6	5	1.0	2	257	48
12	10	6	10	0.7	1	288	49
12	10	6	15	0.7	1	356	31
12	10	6	20	0.8	1	346	27
12	10	6	25	0.4	1	232	38
12	10	6	30	0.7	2	296	60
12	10	6	35	0.9	1	250	59
12	10	6	40	0.4	2	246	36
12	10	6	45	0.6	1	263	56
12	10	6	50	0.8	2	279	30
12	10	6	55	0.7	2	282	60
12	10	7	0	0.6	0	296	55
12	10	7	5	0.4	1	274	74
12	10	7	10	1.2	2	354	26
12	10	7	15	1.0	2	354	24
12	10	7	20	1.1	2	349	31
12	10	7	25	1.1	2	349	31
12	10	7	30	0.6	1	353	73
12	10	7	35	0.2	1	58	82
12	10	7	40	0.2	0	321	90
12	10	7	45	0.2	1	288	85
12	10	7	50	0.5	1	327	53
12	10	7	55	1.0	1	7	35
12	10	8	0	0.5	2	298	65
12	10	8	5	0.7	1	315	53
12	10	8	10	0.8	1	353	36
12	10	8	15	0.8	1	334	62
12	10	8	20	0.8	1	325	60
12	10	8	25	0.9	1	302	61
12	10	8	30	1.0	2	310	37
12	10	8	35	1.1	3	327	70
12	10	8	40	0.6	2	333	38
12	10	8	45	1.1	1	336	50
12	10	8	50	0.7	1	269	67
12	10	8	55	0.8	1	288	46
12	10	9	0	1.1	3	311	47
12	10	9	5	1.5	3	351	47
12	10	9	10	0.9	2	317	56
12	10	9	15	1.0	1	338	69
12	10	9	20	0.6	2	256	96
12	10	9	25	1.6	4	256	46
12	10	9	30	1.2	2	232	49
12	10	9	35	1.3	4	239	46
12	10	9	40	1.6	3	261	44
12	10	9	45	0.9	3	285	51
12	10	9	50	0.9	1	301	71
12	10	9	55	0.7	2	330	44
12	10	10	0	1.1	2	328	53
12	10	10	5	1.5	3	300	44
12	10	10	10	0.6	2	293	74
12	10	10	15	1.3	2	310	42
12	10	10	20	1.0	4	303	65
12	10	10	25	1.2	2	341	66
12	10	10	30	0.9	1	315	67
12	10	10	35	0.9	1	272	68
12	10	10	40	1.2	3	341	37
12	10	10	45	0.5	3	301	79
12	10	10	50	1.7	2	275	54
12	10	10	55	1.2	3	293	59
12	10	11	0	1.6	5	242	51
12	10	11	5	1.5	2	287	52
12	10	11	10	1.3	3	244	42
12	10	11	15	2.1	5	248	42
12	10	11	20	1.1	2	231	72
12	10	11	25	1.0	2	256	55
12	10	11	30	1.6	3	261	43
12	10	11	35	1.2	3	253	50
12	10	11	40	1.1	3	290	55
12	10	11	45	1.3	2	297	53
12	10	11	50	1.7	3	245	33
12	10	11	55	1.2	2	283	47
12	10	12	0	1.3	5	261	50
12	10	12	5	1.1	3	334	65
12	10	12	10	0.9	1	259	51
12	10	12	15	1.6	2	263	46
12	10	12	20	1.1	1	288	61
12	10	12	25	1.8	5	242	37
12	10	12	30	1.9	4	242	45
12	10	12	35	1.6	4	258	35
12	10	12	40	1.1	3	268	50
12	10	12	45	1.7	3	259	47
12	10	12	50	1.0	2	251	47
12	10	12	55	1.1	3	256	41

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	10	13	0	1.1	3	245	53
12	10	13	5	1.0	2	245	58
12	10	13	10	1.0	2	295	60
12	10	13	15	1.6	4	247	39
12	10	13	20	1.3	3	274	60
12	10	13	25	1.3	2	237	49
12	10	13	30	0.8	2	339	55
12	10	13	35	1.1	3	263	66
12	10	13	40	0.7	1	254	61
12	10	13	45	1.1	3	247	68
12	10	13	50	1.0	2	333	43
12	10	13	55	1.4	4	330	49
12	10	14	0	1.1	4	346	46
12	10	14	5	0.8	2	318	60
12	10	14	10	0.7	2	327	54
12	10	14	15	0.8	2	283	65
12	10	14	20	1.0	2	247	47
12	10	14	25	1.4	4	268	42
12	10	14	30	0.9	1	307	63
12	10	14	35	1.1	2	259	43
12	10	14	40	1.7	3	222	43
12	10	14	45	1.4	2	235	37
12	10	14	50	1.5	3	234	31
12	10	14	55	1.4	4	251	40
12	10	15	0	1.2	1	258	60
12	10	15	5	0.9	2	245	51
12	10	15	10	0.7	2	256	70
12	10	15	15	1.0	2	233	47
12	10	15	20	0.9	2	220	33
12	10	15	25	1.2	3	239	25
12	10	15	30	0.7	2	234	51
12	10	15	35	1.4	2	249	49
12	10	15	40	1.5	3	253	44
12	10	15	45	0.9	1	222	61
12	10	15	50	0.5	1	238	66
12	10	15	55	1.3	3	231	32
12	10	16	0	1.1	3	224	41
12	10	16	5	1.0	1	227	31
12	10	16	10	0.7	1	215	52
12	10	16	15	0.8	3	214	21
12	10	16	20	1.2	2	218	40
12	10	16	25	1.0	3	235	53
12	10	16	30	0.7	1	231	33
12	10	16	35	0.7	1	228	32
12	10	16	40	0.9	2	230	32
12	10	16	45	0.9	1	282	37
12	10	16	50	0.5	1	262	60
12	10	16	55	0.7	1	223	42
12	10	17	0	0.3	1	239	49
12	10	17	5	0.7	2	353	47
12	10	17	10	1.0	2	344	31
12	10	17	15	1.4	2	12	47
12	10	17	20	0.7	2	345	34
12	10	17	25	1.2	2	344	32
12	10	17	30	1.5	2	350	28
12	10	17	35	1.4	2	355	35
12	10	17	40	1.2	2	342	22
12	10	17	45	0.9	1	238	34
12	10	17	50	0.7	1	225	21
12	10	17	55	0.7	1	230	24
12	10	18	0	0.9	2	231	24
12	10	18	5	0.8	1	215	19
12	10	18	10	1.1	2	214	16
12	10	18	15	0.8	1	212	16
12	10	18	20	0.5	0	230	23
12	10	18	25	0.6	1	224	22
12	10	18	30	0.8	2	223	21
12	10	18	35	0.7	1	225	25
12	10	18	40	0.9	1	234	26
12	10	18	45	0.8	1	217	17
12	10	18	50	1.0	1	214	19
12	10	18	55	0.7	1	221	22
12	10	19	0	0.7	1	227	20
12	10	19	5	0.6	1	230	22
12	10	19	10	1.0	1	218	19
12	10	19	15	0.8	1	213	16
12	10	19	20	0.8	1	224	21
12	10	19	25	0.7	1	217	22
12	10	19	30	0.4	1	217	24
12	10	19	35	0.7	1	213	16
12	10	19	40	0.6	1	218	19
12	10	19	45	0.5	1	226	21
12	10	19	50	0.6	1	228	18
12	10	19	55	0.5	1	216	20



DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	10	20	0	0.7	1	215	18
12	10	20	5	0.6	1	216	16
12	10	20	10	0.6	2	223	19
12	10	20	15	0.4	1	229	21
12	10	20	20	0.7	1	208	19
12	10	20	25	0.5	1	224	16
12	10	20	30	0.7	1	220	18
12	10	20	35	0.5	1	214	13
12	10	20	40	0.6	1	236	19
12	10	20	45	1.1	1	219	24
12	10	20	50	1.4	2	223	30
12	10	20	55	1.1	2	228	32
12	10	21	0	1.2	2	223	21
12	10	21	5	1.0	2	227	21
12	10	21	10	1.1	2	220	19
12	10	21	15	0.9	2	267	61
12	10	21	20	0.6	1	225	26
12	10	21	25	0.9	1	208	16
12	10	21	30	0.2	1	215	67
12	10	21	35	0.4	1	213	55
12	10	21	40	0.5	1	65	61
12	10	21	45	0.8	1	96	42
12	10	21	50	0.3	0	136	66
12	10	21	55	0.5	2	159	90
12	10	22	0	0.6	2	337	52
12	10	22	5	0.5	1	131	89
12	10	22	10	0.5	1	178	26
12	10	22	15	1.0	2	51	74
12	10	22	20	0.6	1	91	79
12	10	22	25	0.5	1	341	82
12	10	22	30	0.7	1	68	63
12	10	22	35	0.4	1	45	79
12	10	22	40	0.3	1	225	69
12	10	22	45	0.7	1	160	83
12	10	22	50	0.5	1	230	60
12	10	22	55	0.4	2	3	92
12	10	23	0	1.0	1	11	69
12	10	23	5	0.3	1	157	72
12	10	23	10	0.4	2	137	88
12	10	23	15	0.6	2	8	77
12	10	23	20	0.6	0	275	103
12	10	23	25	0.4	3	271	98
12	10	23	30	0.5	2	42	45
12	10	23	35	0.4	1	19	90
12	10	23	40	0.9	2	17	72
12	10	23	45	1.1	2	228	29
12	10	23	50	0.4	0	346	95
12	10	23	55	0.7	1	5	50
12	11	0	0	0.8	1	291	77
12	11	0	5	0.7	2	69	62
12	11	0	10	0.5	1	40	54
12	11	0	15	0.9	2	7	51
12	11	0	20	1.1	2	5	61
12	11	0	25	0.5	1	1	60
12	11	0	30	0.8	1	211	61
12	11	0	35	0.8	4	111	77
12	11	0	40	1.2	2	358	38
12	11	0	45	0.7	1	128	87
12	11	0	50	1.0	0	8	54
12	11	0	55	0.3	1	27	61
12	11	1	0	1.2	2	19	39
12	11	1	5	0.8	1	39	58
12	11	1	10	0.5	1	165	79
12	11	1	15	0.5	1	51	80
12	11	1	20	1.0	1	24	47
12	11	1	25	0.3	0	249	58
12	11	1	30	0.6	2	101	78
12	11	1	35	0.4	1	191	67
12	11	1	40	0.6	2	50	57
12	11	1	45	0.7	1	24	41
12	11	1	50	0.1	0	260	43
12	11	1	55	0.3	1	197	31
12	11	2	0	0.6	2	270	33
12	11	2	5	0.3	0	262	55
12	11	2	10	0.5	1	229	51
12	11	2	15	0.8	1	242	27
12	11	2	20	1.2	1	230	33
12	11	2	25	1.0	1	240	44
12	11	2	30	1.2	2	241	36
12	11	2	35	1.2	1	231	40
12	11	2	40	1.2	1	224	57
12	11	2	45	1.1	1	270	66
12	11	2	50	1.7	4	239	31
12	11	2	55	1.0	2	249	57

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	11	3	0	1.4	4	234	38
12	11	3	5	1.4	3	241	49
12	11	3	10	1.4	3	257	47
12	11	3	15	1.0	2	238	56
12	11	3	20	1.1	3	235	45
12	11	3	25	1.4	2	255	38
12	11	3	30	1.0	1	245	53
12	11	3	35	1.3	3	222	26
12	11	3	40	1.3	2	259	33
12	11	3	45	0.6	2	251	53
12	11	3	50	1.0	2	227	40
12	11	3	55	0.9	1	252	49
12	11	4	0	0.7	2	209	69
12	11	4	5	0.6	1	228	57
12	11	4	10	0.9	2	276	51
12	11	4	15	0.5	0	237	37
12	11	4	20	0.1	0	350	69
12	11	4	25	0.0	0	187	91
12	11	4	30	0.3	0	352	37
12	11	4	35	0.6	1	21	40
12	11	4	40	0.7	1	48	44
12	11	4	45	0.7	2	3	39
12	11	4	50	1.0	2	4	27
12	11	4	55	0.9	2	22	51
12	11	5	0	0.8	1	2	43
12	11	5	5	0.4	1	328	62
12	11	5	10	0.3	1	35	71
12	11	5	15	0.5	2	185	68
12	11	5	20	0.3	0	187	53
12	11	5	25	0.2	1	152	78
12	11	5	30	0.7	1	230	29
12	11	5	35	1.3	2	263	25
12	11	5	40	0.9	2	230	36
12	11	5	45	0.7	2	237	43
12	11	5	50	0.4	2	129	104
12	11	5	55	0.7	1	250	40
12	11	6	0	0.3	1	225	64
12	11	6	5	0.3	0	346	74
12	11	6	10	0.2	0	327	37
12	11	6	15	0.5	1	358	34
12	11	6	20	0.0	0	59	45
12	11	6	25	0.2	0	328	47
12	11	6	30	0.8	2	1	23
12	11	6	35	0.8	2	6	32
12	11	6	40	0.5	1	44	57
12	11	6	45	0.1	0	206	71
12	11	6	50	0.4	1	238	49
12	11	6	55	0.7	1	288	55
12	11	7	0	0.6	1	1	48
12	11	7	5	0.5	1	30	49
12	11	7	10	0.4	1	355	53
12	11	7	15	0.2	1	312	62
12	11	7	20	0.4	0	8	31
12	11	7	25	0.1	1	162	69
12	11	7	30	0.6	2	257	31
12	11	7	35	0.7	1	264	37
12	11	7	40	0.9	3	273	55
12	11	7	45	1.0	1	270	34
12	11	7	50	0.8	2	223	36
12	11	7	55	1.1	4	233	56
12	11	8	0	1.5	4	249	54
12	11	8	5	0.9	2	256	44
12	11	8	10	0.6	1	272	51
12	11	8	15	0.8	2	262	35
12	11	8	20	1.0	2	251	44
12	11	8	25	1.5	3	294	41
12	11	8	30	1.4	2	244	26
12	11	8	35	1.2	2	261	34
12	11	8	40	1.1	1	278	59
12	11	8	45	0.9	1	278	57
12	11	8	50	1.3	2	254	42
12	11	8	55	1.3	3	266	51
12	11	9	0	0.9	2	282	59
12	11	9	5	1.4	3	242	45
12	11	9	10	1.9	3	249	26
12	11	9	15	1.4	2	259	33
12	11	9	20	1.4	3	265	41
12	11	9	25	1.1	2	248	41
12	11	9	30	0.9	2	248	47
12	11	9	35	1.0	1	238	47
12	11	9	40	1.0	3	242	52
12	11	9	45	0.8	2	299	51
12	11	9	50	0.7	1	247	57
12	11	9	55	0.6	1	261	79

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	11	10	0	0.7	2	291	77
12	11	10	5	1.2	2	255	66
12	11	10	10	0.7	2	231	72
12	11	10	15	1.1	1	229	43
12	11	10	20	1.2	2	261	42
12	11	10	25	1.3	3	269	44
12	11	10	30	1.3	3	265	42
12	11	10	35	1.2	3	269	39
12	11	10	40	1.4	2	250	52
12	11	10	45	0.9	2	230	49
12	11	10	50	0.8	2	219	51
12	11	10	55	1.2	2	235	37
12	11	11	0	1.4	1	251	40
12	11	11	5	1.3	2	229	34
12	11	11	10	1.0	2	266	38
12	11	11	15	1.0	2	255	57
12	11	11	20	1.1	3	223	35
12	11	11	25	0.8	2	256	75
12	11	11	30	1.5	3	227	34
12	11	11	35	1.4	3	234	40
12	11	11	40	0.9	1	265	51
12	11	11	45	0.5	1	261	73
12	11	11	50	1.1	2	233	34
12	11	11	55	1.7	3	254	33
12	11	12	0	1.2	2	259	51
12	11	12	5	0.9	2	227	50
12	11	12	10	0.7	1	229	62
12	11	12	15	0.6	1	285	61
12	11	12	20	0.7	3	254	47
12	11	12	25	1.0	2	237	29
12	11	12	30	0.8	3	243	75
12	11	12	35	1.2	2	237	31
12	11	12	40	1.1	4	241	37
12	11	12	45	0.8	1	262	40
12	11	12	50	1.1	2	223	40
12	11	12	55	0.7	2	245	37
12	11	13	0	0.8	1	286	40
12	11	13	5	1.0	1	273	47
12	11	13	10	0.6	0	193	86
12	11	13	15	0.7	2	259	47
12	11	13	20	1.5	2	243	40
12	11	13	25	1.1	2	232	45
12	11	13	30	0.7	1	253	51
12	11	13	35	0.9	2	275	52
12	11	13	40	1.1	2	238	25
12	11	13	45	1.8	4	217	23
12	11	13	50	2.4	5	213	21
12	11	13	55	2.0	3	216	24
12	11	14	0	2.3	6	214	23
12	11	14	5	2.7	5	215	23
12	11	14	10	2.4	6	215	21
12	11	14	15	2.5	2	219	23
12	11	14	20	2.4	4	214	24
12	11	14	25	1.9	4	224	25
12	11	14	30	2.1	4	222	31
12	11	14	35	2.1	3	230	35
12	11	14	40	1.7	4	222	41
12	11	14	45	2.9	5	223	31
12	11	14	50	2.1	6	223	32
12	11	14	55	2.5	3	230	29
12	11	15	0	1.9	3	230	39
12	11	15	5	1.8	2	243	32
12	11	15	10	1.0	3	231	58
12	11	15	15	2.4	5	224	29
12	11	15	20	2.5	4	217	28
12	11	15	25	2.4	6	222	31
12	11	15	30	2.4	5	218	28
12	11	15	35	2.1	3	220	26
12	11	15	40	2.4	4	223	28
12	11	15	45	2.2	5	219	28
12	11	15	50	2.1	3	222	28
12	11	15	55	1.0	4	222	45
12	11	16	0	2.6	4	219	24
12	11	16	5	2.1	3	223	27
12	11	16	10	1.8	4	222	29
12	11	16	15	2.6	5	220	25
12	11	16	20	2.5	5	213	21
12	11	16	25	2.9	6	220	20
12	11	16	30	3.0	6	214	22
12	11	16	35	2.1	4	220	25
12	11	16	40	2.2	5	219	21
12	11	16	45	2.3	5	220	27
12	11	16	50	2.7	4	216	23
12	11	16	55	2.7	4	215	24

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	11	17	0	2.4	4	218	24
12	11	17	5	2.0	4	223	24
12	11	17	10	1.7	4	225	27
12	11	17	15	1.9	4	223	25
12	11	17	20	1.4	1	233	36
12	11	17	25	0.7	2	237	51
12	11	17	30	2.0	3	218	22
12	11	17	35	1.5	3	223	32
12	11	17	40	2.2	4	215	22
12	11	17	45	2.6	4	216	21
12	11	17	50	1.5	3	229	31
12	11	17	55	1.7	4	229	29
12	11	18	0	1.8	3	228	24
12	11	18	5	1.6	3	227	33
12	11	18	10	1.2	4	227	52
12	11	18	15	1.9	3	224	30
12	11	18	20	1.1	3	233	71
12	11	18	25	2.8	4	219	23
12	11	18	30	2.1	2	225	46
12	11	18	35	1.9	3	243	55
12	11	18	40	2.1	3	233	32
12	11	18	45	2.3	4	230	30
12	11	18	50	1.6	4	228	37
12	11	18	55	1.6	2	243	34
12	11	19	0	0.8	3	293	60
12	11	19	5	1.5	2	334	57
12	11	19	10	1.4	5	262	79
12	11	19	15	1.8	4	227	38
12	11	19	20	0.7	1	275	89
12	11	19	25	0.5	1	238	53
12	11	19	30	0.6	1	251	70
12	11	19	35	0.7	1	243	53
12	11	19	40	1.1	2	228	39
12	11	19	45	0.8	1	255	79
12	11	19	50	0.6	1	312	62
12	11	19	55	0.4	1	331	55
12	11	20	0	1.1	3	9	29
12	11	20	5	1.4	2	17	24
12	11	20	10	0.9	1	48	48
12	11	20	15	1.0	2	13	33
12	11	20	20	1.1	3	26	43
12	11	20	25	1.1	2	40	39
12	11	20	30	0.8	1	18	52
12	11	20	35	0.5	1	354	50
12	11	20	40	0.8	2	357	23
12	11	20	45	0.7	0	337	41
12	11	20	50	0.4	1	26	80
12	11	20	55	0.9	1	345	42
12	11	21	0	0.5	2	332	46
12	11	21	5	1.3	2	347	23
12	11	21	10	1.2	3	348	24
12	11	21	15	0.3	1	57	84
12	11	21	20	1.0	3	324	71
12	11	21	25	0.8	2	331	65
12	11	21	30	0.8	3	339	64
12	11	21	35	1.6	2	328	32
12	11	21	40	1.6	3	337	34
12	11	21	45	1.8	3	340	32
12	11	21	50	1.8	2	343	32
12	11	21	55	1.9	2	347	22
12	11	22	0	1.4	4	329	34
12	11	22	5	1.7	2	328	39
12	11	22	10	0.8	2	237	66
12	11	22	15	1.0	2	231	38
12	11	22	20	0.9	1	238	49
12	11	22	25	0.5	1	252	60
12	11	22	30	1.2	3	282	52
12	11	22	35	0.5	2	254	93
12	11	22	40	1.2	2	345	33
12	11	22	45	1.1	1	318	45
12	11	22	50	1.7	2	331	21
12	11	22	55	1.2	2	346	41
12	11	23	0	0.4	1	302	73
12	11	23	5	0.7	3	324	41
12	11	23	10	1.2	2	340	25
12	11	23	15	1.7	2	341	21
12	11	23	20	0.8	1	329	39
12	11	23	25	0.6	3	343	39
12	11	23	30	0.5	0	327	31
12	11	23	35	0.9	2	351	24
12	11	23	40	1.2	2	38	21
12	11	23	45	1.1	2	19	35
12	11	23	50	1.2	2	17	27
12	11	23	55	1.3	2	350	30

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	12	0	0	1.0	2	339	38
12	12	0	5	1.1	2	352	58
12	12	0	10	1.0	1	331	82
12	12	0	15	0.4	0	101	90
12	12	0	20	1.1	2	336	44
12	12	0	25	2.0	4	345	22
12	12	0	30	2.0	3	344	19
12	12	0	35	1.0	2	331	43
12	12	0	40	2.4	4	342	27
12	12	0	45	2.4	5	340	17
12	12	0	50	1.3	4	332	68
12	12	0	55	1.3	3	285	74
12	12	1	0	1.1	2	299	71
12	12	1	5	1.1	3	325	47
12	12	1	10	1.2	3	325	56
12	12	1	15	1.6	4	258	55
12	12	1	20	1.4	3	241	36
12	12	1	25	1.1	2	261	40
12	12	1	30	1.5	3	240	31
12	12	1	35	1.8	2	238	38
12	12	1	40	0.7	1	284	77
12	12	1	45	0.7	1	276	67
12	12	1	50	1.1	2	256	56
12	12	1	55	1.6	2	244	37
12	12	2	0	1.0	1	241	66
12	12	2	5	0.4	1	263	58
12	12	2	10	2.2	5	223	28
12	12	2	15	1.0	1	281	84
12	12	2	20	1.2	3	230	37
12	12	2	25	0.6	3	233	62
12	12	2	30	1.6	3	221	24
12	12	2	35	1.3	2	224	25
12	12	2	40	0.6	1	214	21
12	12	2	45	0.4	2	247	57
12	12	2	50	1.1	2	237	47
12	12	2	55	0.9	2	267	51
12	12	3	0	1.0	2	236	30
12	12	3	5	1.0	1	239	44
12	12	3	10	0.4	1	214	32
12	12	3	15	1.5	4	221	26
12	12	3	20	1.8	3	218	27
12	12	3	25	1.2	2	233	30
12	12	3	30	1.0	3	231	25
12	12	3	35	0.8	1	230	44
12	12	3	40	0.9	1	248	37
12	12	3	45	1.3	4	221	26
12	12	3	50	1.3	4	220	26
12	12	3	55	2.3	4	213	24
12	12	4	0	1.8	3	220	28
12	12	4	5	2.2	4	218	27
12	12	4	10	2.2	4	226	29
12	12	4	15	1.4	3	234	33
12	12	4	20	1.7	3	222	26
12	12	4	25	1.6	3	223	27
12	12	4	30	1.5	3	223	29
12	12	4	35	1.6	2	224	29
12	12	4	40	2.0	3	213	21
12	12	4	45	1.8	3	217	27
12	12	4	50	2.5	4	222	26
12	12	4	55	2.1	5	216	26
12	12	5	0	2.5	5	217	25
12	12	5	5	2.0	4	222	25
12	12	5	10	1.3	2	241	45
12	12	5	15	2.3	5	222	27
12	12	5	20	2.8	5	217	25
12	12	5	25	2.2	4	225	28
12	12	5	30	3.0	4	216	24
12	12	5	35	2.8	5	214	24
12	12	5	40	2.5	4	216	24
12	12	5	45	2.3	4	223	29
12	12	5	50	2.7	5	217	25
12	12	5	55	2.0	5	217	30
12	12	6	0	3.0	5	215	23
12	12	6	5	3.0	6	217	26
12	12	6	10	2.4	5	229	32
12	12	6	15	1.6	3	224	26
12	12	6	20	1.7	3	220	37
12	12	6	25	1.4	3	228	26
12	12	6	30	2.0	4	220	25
12	12	6	35	1.9	3	221	29
12	12	6	40	2.4	4	221	27
12	12	6	45	1.8	3	221	27
12	12	6	50	1.8	4	230	25
12	12	6	55	1.4	2	231	27

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	12	7	0	1.8	3	233	26
12	12	7	5	1.2	4	237	42
12	12	7	10	2.1	4	218	21
12	12	7	15	2.1	2	217	27
12	12	7	20	2.3	4	221	25
12	12	7	25	2.5	4	218	23
12	12	7	30	1.7	3	223	27
12	12	7	35	2.6	5	218	24
12	12	7	40	2.4	4	216	23
12	12	7	45	2.3	4	216	24
12	12	7	50	2.2	5	222	27
12	12	7	55	2.2	5	218	26
12	12	8	0	1.8	4	234	37
12	12	8	5	2.0	3	226	32
12	12	8	10	2.0	5	224	25
12	12	8	15	1.2	2	247	42
12	12	8	20	1.1	2	245	39
12	12	8	25	1.4	2	244	36
12	12	8	30	1.5	3	260	41
12	12	8	35	1.1	2	249	39
12	12	8	40	1.4	2	232	24
12	12	8	45	1.1	3	232	34
12	12	8	50	1.1	2	246	45
12	12	8	55	0.6	1	208	69
12	12	9	0	1.2	2	272	50
12	12	9	5	0.9	1	305	68
12	12	9	10	1.2	3	236	71
12	12	9	15	1.3	2	241	68
12	12	9	20	1.3	4	239	42
12	12	9	25	1.0	2	252	38
12	12	9	30	1.6	2	263	43
12	12	9	35	0.7	2	292	66
12	12	9	40	1.3	2	289	54
12	12	9	45	1.5	3	254	45
12	12	9	50	1.4	2	230	41
12	12	9	55	1.1	3	237	50
12	12	10	0	0.8	1	245	78
12	12	10	5	0.8	3	326	65
12	12	10	10	1.2	3	252	42
12	12	10	15	1.5	3	250	38
12	12	10	20	1.0	2	236	41
12	12	10	25	0.4	1	245	61
12	12	10	30	0.9	2	294	55
12	12	10	35	1.0	2	330	48
12	12	10	40	1.3	3	291	58
12	12	10	45	1.1	3	292	66
12	12	10	50	0.7	1	277	81
12	12	10	55	0.8	1	283	67
12	12	11	0	0.8	2	188	81
12	12	11	5	1.0	3	243	53
12	12	11	10	2.0	4	220	31
12	12	11	15	1.9	3	229	34
12	12	11	20	1.6	3	227	31
12	12	11	25	1.5	4	263	42
12	12	11	30	0.8	2	244	75
12	12	11	35	0.9	1	234	55
12	12	11	40	1.2	4	259	39
12	12	11	45	1.2	1	262	39
12	12	11	50	1.2	3	250	35
12	12	11	55	1.4	2	287	78
12	12	12	0	0.8	2	271	46
12	12	12	5	0.9	3	263	55
12	12	12	10	0.8	2	269	64
12	12	12	15	1.1	3	288	43
12	12	12	20	0.8	2	253	74
12	12	12	25	0.6	2	281	63
12	12	12	30	1.5	4	330	34
12	12	12	35	1.3	3	322	38
12	12	12	40	1.3	3	346	38
12	12	12	45	0.4	1	5	73
12	12	12	50	1.1	2	359	38
12	12	12	55	1.2	3	338	33
12	12	13	0	0.9	3	0	68
12	12	13	5	0.8	1	346	43
12	12	13	10	1.1	2	351	44
12	12	13	15	1.0	3	356	56
12	12	13	20	1.2	3	318	50
12	12	13	25	1.1	3	343	41
12	12	13	30	1.0	2	340	40
12	12	13	35	1.0	1	345	53
12	12	13	40	0.8	2	333	74
12	12	13	45	0.8	3	323	60
12	12	13	50	0.9	2	290	56
12	12	13	55	0.9	3	323	57

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	12	14	0	1.3	1	310	59
12	12	14	5	1.6	3	314	42
12	12	14	10	0.7	1	301	55
12	12	14	15	1.1	3	320	57
12	12	14	20	1.0	1	344	43
12	12	14	25	0.6	3	344	53
12	12	14	30	0.8	1	323	81
12	12	14	35	0.7	1	348	48
12	12	14	40	0.5	2	344	67
12	12	14	45	1.3	2	311	70
12	12	14	50	0.9	1	191	90
12	12	14	55	0.8	2	297	96
12	12	15	0	1.2	2	292	60
12	12	15	5	1.4	3	273	52
12	12	15	10	0.9	2	301	59
12	12	15	15	0.5	2	291	75
12	12	15	20	0.3	1	284	74
12	12	15	25	0.7	1	267	57
12	12	15	30	0.9	1	236	78
12	12	15	35	1.0	2	222	34
12	12	15	40	0.7	1	213	42
12	12	15	45	0.6	1	258	58
12	12	15	50	0.6	3	234	64
12	12	15	55	0.9	2	265	53
12	12	16	0	1.0	4	208	52
12	12	16	5	1.4	2	288	51
12	12	16	10	1.3	4	270	45
12	12	16	15	0.9	1	267	51
12	12	16	20	1.1	2	237	34
12	12	16	25	1.1	2	243	30
12	12	16	30	1.1	2	246	47
12	12	16	35	1.0	1	230	45
12	12	16	40	0.8	1	239	57
12	12	16	45	0.5	1	244	59
12	12	16	50	1.1	1	244	26
12	12	16	55	1.1	1	262	48
12	12	17	0	0.6	2	214	56
12	12	17	5	0.8	2	216	34
12	12	17	10	0.7	2	253	42
12	12	17	15	1.2	2	237	26
12	12	17	20	1.2	2	228	24
12	12	17	25	1.1	2	229	21
12	12	17	30	0.9	2	226	21
12	12	17	35	1.0	2	218	20
12	12	17	40	1.0	1	209	16
12	12	17	45	1.0	2	219	18
12	12	17	50	0.8	2	229	26
12	12	17	55	0.6	1	235	22
12	12	18	0	0.9	2	228	22
12	12	18	5	0.9	1	224	23
12	12	18	10	1.0	2	217	17
12	12	18	15	1.1	3	218	21
12	12	18	20	0.9	1	222	20
12	12	18	25	0.8	1	225	23
12	12	18	30	1.0	2	235	23
12	12	18	35	1.0	1	231	24
12	12	18	40	1.1	2	238	19
12	12	18	45	0.7	1	236	21
12	12	18	50	0.9	2	234	22
12	12	18	55	0.6	2	230	32
12	12	19	0	0.6	1	224	17
12	12	19	5	0.6	1	216	15
12	12	19	10	0.6	1	222	21
12	12	19	15	0.7	1	205	9
12	12	19	20	0.6	1	220	22
12	12	19	25	0.6	1	233	20
12	12	19	30	0.8	1	231	19
12	12	19	35	0.9	2	229	18
12	12	19	40	1.3	2	240	19
12	12	19	45	1.3	1	242	18
12	12	19	50	1.1	1	240	21
12	12	19	55	1.4	2	247	17
12	12	20	0	0.9	1	238	20
12	12	20	5	0.3	0	213	28
12	12	20	10	0.6	1	233	32
12	12	20	15	0.5	1	226	20
12	12	20	20	0.8	1	241	40
12	12	20	25	0.5	1	209	14
12	12	20	30	0.5	1	205	28
12	12	20	35	0.4	1	215	33
12	12	20	40	0.6	1	223	48
12	12	20	45	0.6	1	205	18
12	12	20	50	0.4	0	238	60
12	12	20	55	0.1	1	177	72

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	12	21	0	0.7	1	214	27
12	12	21	5	0.3	0	243	29
12	12	21	10	0.1	0	266	61
12	12	21	15	0.3	1	264	75
12	12	21	20	0.4	1	224	41
12	12	21	25	0.1	1	210	13
12	12	21	30	0.1	0	169	62
12	12	21	35	0.1	0	322	83
12	12	21	40	0.1	0	139	26
12	12	21	45	0.2	1	224	49
12	12	21	50	0.2	0	206	6
12	12	21	55	0.2	0	212	12
12	12	22	0	0.2	0	189	38
12	12	22	5	0.0	0	82	57
12	12	22	10	0.0	0	158	44
12	12	22	15	0.1	0	184	32
12	12	22	20	0.1	0	180	58
12	12	22	25	0.4	0	33	72
12	12	22	30	0.2	1	91	66
12	12	22	35	0.3	0	43	55
12	12	22	40	0.3	1	231	23
12	12	22	45	0.4	0	214	15
12	12	22	50	0.1	0	199	45
12	12	22	55	0.2	1	172	23
12	12	23	0	0.2	0	192	29
12	12	23	5	0.2	1	201	45
12	12	23	10	0.0	0	200	59
12	12	23	15	0.0	0	347	80
12	12	23	20	0.2	0	215	36
12	12	23	25	0.3	0	242	83
12	12	23	30	0.4	1	213	15
12	12	23	35	0.4	1	221	16
12	12	23	40	0.6	1	228	22
12	12	23	45	1.0	2	242	15
12	12	23	50	0.6	1	230	26
12	12	23	55	0.5	1	238	22
12	13	0	0	0.5	1	221	22
12	13	0	5	0.4	1	244	20
12	13	0	10	0.4	0	209	29
12	13	0	15	0.2	1	213	57
12	13	0	20	0.5	1	213	15
12	13	0	25	0.4	0	209	13
12	13	0	30	0.0	0	203	16
12	13	0	35	0.0	0	236	54
12	13	0	40	0.1	1	181	15
12	13	0	45	0.3	1	207	13
12	13	0	50	0.1	0	182	51
12	13	0	55	0.1	0	68	12
12	13	1	0	0.0	0	161	64
12	13	1	5	0.2	1	27	89
12	13	1	10	0.2	0	230	47
12	13	1	15	0.0	0	192	42
12	13	1	20	0.5	1	205	25
12	13	1	25	1.0	3	226	25
12	13	1	30	1.0	1	218	18
12	13	1	35	0.9	1	226	29
12	13	1	40	1.0	2	217	20
12	13	1	45	0.9	1	235	21
12	13	1	50	1.2	1	246	28
12	13	1	55	0.9	2	245	19
12	13	2	0	0.5	2	250	55
12	13	2	5	0.9	1	237	25
12	13	2	10	0.9	1	261	23
12	13	2	15	0.8	1	272	43
12	13	2	20	0.6	1	258	43
12	13	2	25	0.5	1	310	31
12	13	2	30	0.6	1	279	73
12	13	2	35	0.2	1	204	92
12	13	2	40	0.3	1	330	51
12	13	2	45	0.2	1	270	57
12	13	2	50	0.3	1	240	35
12	13	2	55	0.3	1	248	43
12	13	3	0	0.4	1	329	94
12	13	3	5	0.4	1	229	28
12	13	3	10	0.4	1	223	18
12	13	3	15	0.1	0	236	28
12	13	3	20	0.5	1	240	23
12	13	3	25	0.7	2	243	40
12	13	3	30	0.5	1	242	49
12	13	3	35	1.0	2	254	43
12	13	3	40	0.8	2	247	40
12	13	3	45	0.9	1	256	45
12	13	3	50	0.6	0	224	33
12	13	3	55	0.5	1	205	27

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	13	4	0	0.8	1	241	31
12	13	4	5	0.6	1	264	43
12	13	4	10	0.5	0	239	36
12	13	4	15	0.6	1	233	29
12	13	4	20	0.4	1	235	43
12	13	4	25	0.3	0	224	70
12	13	4	30	0.4	1	197	57
12	13	4	35	1.0	3	252	25
12	13	4	40	0.3	1	234	52
12	13	4	45	0.4	2	213	45
12	13	4	50	0.1	0	312	72
12	13	4	55	0.1	1	308	48
12	13	5	0	0.1	0	218	19
12	13	5	5	0.5	2	291	67
12	13	5	10	0.4	1	238	38
12	13	5	15	0.0	0	171	75
12	13	5	20	0.4	0	334	64
12	13	5	25	0.0	0	232	72
12	13	5	30	0.3	1	203	51
12	13	5	35	0.1	0	297	44
12	13	5	40	0.4	1	260	69
12	13	5	45	0.7	1	242	26
12	13	5	50	0.9	2	250	30
12	13	5	55	0.6	0	230	54
12	13	6	0	0.3	1	230	67
12	13	6	5	0.9	2	257	31
12	13	6	10	0.7	1	251	26
12	13	6	15	0.8	1	242	33
12	13	6	20	1.2	2	236	28
12	13	6	25	1.2	3	226	45
12	13	6	30	0.9	2	266	59
12	13	6	35	1.3	2	252	45
12	13	6	40	0.8	1	228	27
12	13	6	45	0.6	1	244	52
12	13	6	50	0.5	0	210	16
12	13	6	55	0.5	2	231	35
12	13	7	0	0.9	2	221	34
12	13	7	5	0.3	1	266	70
12	13	7	10	0.1	1	114	59
12	13	7	15	0.3	1	66	73
12	13	7	20	0.3	1	359	92
12	13	7	25	0.5	3	351	67
12	13	7	30	0.9	2	319	46
12	13	7	35	0.9	1	5	51
12	13	7	40	0.9	1	354	25
12	13	7	45	1.0	2	357	35
12	13	7	50	0.7	1	347	28
12	13	7	55	0.6	1	348	26
12	13	8	0	0.9	1	350	24
12	13	8	5	0.7	1	338	28
12	13	8	10	1.0	3	344	29
12	13	8	15	0.7	2	341	30
12	13	8	20	0.4	1	279	80
12	13	8	25	0.3	1	342	57
12	13	8	30	0.2	1	331	52
12	13	8	35	0.8	1	299	66
12	13	8	40	0.7	1	274	64
12	13	8	45	1.1	2	273	46
12	13	8	50	0.8	1	286	48
12	13	8	55	0.8	1	255	66
12	13	9	0	0.2	1	86	61
12	13	9	5	0.5	1	344	28
12	13	9	10	0.3	1	334	58
12	13	9	15	0.7	1	280	62
12	13	9	20	0.3	1	232	68
12	13	9	25	0.7	2	247	97
12	13	9	30	0.6	1	131	83
12	13	9	35	0.7	1	251	81
12	13	9	40	0.6	1	195	59
12	13	9	45	0.8	3	318	91
12	13	9	50	0.7	3	55	61
12	13	9	55	1.3	1	21	58
12	13	10	0	0.7	1	19	50
12	13	10	5	0.6	1	335	42
12	13	10	10	0.4	2	346	72
12	13	10	15	1.0	1	254	35
12	13	10	20	0.8	1	277	68
12	13	10	25	0.8	2	340	44
12	13	10	30	0.7	1	341	32
12	13	10	35	1.1	3	343	47
12	13	10	40	1.0	1	2	38
12	13	10	45	0.6	0	346	72
12	13	10	50	0.2	1	74	81
12	13	10	55	0.6	1	309	60

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	13	11	0	1.0	2	341	36
12	13	11	5	0.8	2	341	61
12	13	11	10	1.0	1	313	41
12	13	11	15	0.8	2	359	34
12	13	11	20	0.9	2	353	27
12	13	11	25	0.9	2	359	29
12	13	11	30	1.2	2	346	18
12	13	11	35	0.9	1	348	28
12	13	11	40	0.5	1	319	43
12	13	11	45	0.9	1	333	45
12	13	11	50	1.2	2	312	36
12	13	11	55	0.7	0	318	48
12	13	12	0	0.7	2	238	52
12	13	12	5	0.9	2	137	32
12	13	12	10	0.7	1	240	45
12	13	12	15	0.9	1	265	46
12	13	12	20	0.8	2	276	54
12	13	12	25	1.0	2	263	36
12	13	12	30	0.9	3	339	44
12	13	12	35	0.8	2	325	45
12	13	12	40	0.9	1	353	51
12	13	12	45	0.2	1	341	71
12	13	12	50	0.5	1	264	52
12	13	12	55	1.6	3	265	32
12	13	13	0	1.3	3	259	54
12	13	13	5	1.4	3	232	40
12	13	13	10	1.1	2	264	48
12	13	13	15	1.5	2	268	47
12	13	13	20	1.1	3	251	45
12	13	13	25	1.0	1	235	40
12	13	13	30	0.9	1	235	50
12	13	13	35	0.6	1	231	66
12	13	13	40	0.8	1	235	59
12	13	13	45	0.4	1	196	58
12	13	13	50	0.6	2	226	50
12	13	13	55	1.3	2	230	36
12	13	14	0	0.9	3	228	32
12	13	14	5	1.4	3	278	46
12	13	14	10	1.3	3	228	51
12	13	14	15	1.5	4	235	28
12	13	14	20	1.2	2	256	51
12	13	14	25	0.7	1	225	38
12	13	14	30	1.5	4	220	29
12	13	14	35	1.2	2	247	34
12	13	14	40	1.0	2	238	36
12	13	14	45	1.1	2	226	34
12	13	14	50	0.8	1	246	48
12	13	14	55	0.5	2	315	55
12	13	15	0	0.6	1	224	32
12	13	15	5	1.0	1	225	28
12	13	15	10	0.3	1	337	62
12	13	15	15	0.9	2	324	51
12	13	15	20	1.4	3	298	45
12	13	15	25	0.8	2	308	37
12	13	15	30	0.7	2	337	62
12	13	15	35	0.6	1	339	25
12	13	15	40	0.6	1	358	27
12	13	15	45	0.4	1	86	33
12	13	15	50	0.3	0	82	30
12	13	15	55	0.0	0	98	99
12	13	16	0	0.2	0	112	46
12	13	16	5	0.1	0	126	21
12	13	16	10	0.1	1	155	37
12	13	16	15	0.3	1	256	52
12	13	16	20	0.5	1	349	30
12	13	16	25	0.4	1	342	30
12	13	16	30	0.6	1	305	35
12	13	16	35	0.5	1	14	75
12	13	16	40	0.5	1	4	31
12	13	16	45	1.0	2	349	23
12	13	16	50	0.4	0	323	48
12	13	16	55	0.6	0	220	44
12	13	17	0	0.6	2	312	47
12	13	17	5	0.8	2	300	64
12	13	17	10	0.6	1	297	73
12	13	17	15	1.0	3	42	44
12	13	17	20	0.9	3	352	38
12	13	17	25	1.3	1	340	42
12	13	17	30	0.6	2	295	77
12	13	17	35	0.7	1	348	44
12	13	17	40	0.9	2	277	45
12	13	17	45	0.7	1	320	28
12	13	17	50	1.0	2	347	24
12	13	17	55	0.5	3	353	31

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	13	18	0	1.2	2	350	24
12	13	18	5	1.0	1	1	27
12	13	18	10	1.0	2	45	45
12	13	18	15	0.9	1	16	42
12	13	18	20	0.8	1	63	44
12	13	18	25	0.6	1	85	38
12	13	18	30	1.0	2	17	42
12	13	18	35	0.6	2	342	31
12	13	18	40	1.1	2	357	29
12	13	18	45	0.7	2	17	56
12	13	18	50	0.5	1	290	54
12	13	18	55	0.5	1	352	30
12	13	19	0	0.3	1	279	62
12	13	19	5	0.6	1	247	28
12	13	19	10	0.8	1	249	31
12	13	19	15	1.1	1	258	27
12	13	19	20	0.9	2	250	37
12	13	19	25	0.8	1	277	51
12	13	19	30	0.4	0	248	54
12	13	19	35	0.9	2	254	31
12	13	19	40	0.7	1	256	54
12	13	19	45	0.1	0	112	100
12	13	19	50	0.1	1	71	73
12	13	19	55	0.4	0	215	56
12	13	20	0	0.6	1	326	31
12	13	20	5	0.9	2	271	32
12	13	20	10	0.8	0	287	59
12	13	20	15	0.4	1	277	74
12	13	20	20	0.6	1	303	41
12	13	20	25	0.8	1	334	47
12	13	20	30	0.6	1	319	38
12	13	20	35	0.1	1	341	78
12	13	20	40	0.7	0	345	20
12	13	20	45	0.3	1	12	33
12	13	20	50	0.4	1	344	38
12	13	20	55	0.8	1	348	33
12	13	21	0	0.4	0	49	60
12	13	21	5	0.1	1	264	70
12	13	21	10	1.1	1	339	33
12	13	21	15	0.7	2	26	43
12	13	21	20	0.5	1	37	53
12	13	21	25	0.1	0	34	47
12	13	21	30	0.4	1	183	47
12	13	21	35	0.3	1	336	41
12	13	21	40	0.2	0	261	55
12	13	21	45	0.4	1	338	29
12	13	21	50	0.2	0	207	25
12	13	21	55	0.1	0	245	51
12	13	22	0	0.8	1	234	31
12	13	22	5	0.3	0	235	36
12	13	22	10	0.2	1	82	72
12	13	22	15	0.5	1	45	39
12	13	22	20	0.9	2	6	30
12	13	22	25	0.9	2	322	35
12	13	22	30	0.3	1	245	47
12	13	22	35	0.3	1	356	49
12	13	22	40	0.5	1	56	46
12	13	22	45	0.2	0	109	29
12	13	22	50	0.0	1	135	36
12	13	22	55	0.0	0	220	50
12	13	23	0	0.4	1	324	36
12	13	23	5	0.2	1	184	26
12	13	23	10	0.1	0	278	42
12	13	23	15	0.4	2	298	76
12	13	23	20	0.4	1	59	68
12	13	23	25	0.6	1	258	28
12	13	23	30	0.8	1	210	33
12	13	23	35	0.7	2	215	43
12	13	23	40	1.1	1	192	32
12	13	23	45	0.7	1	186	14
12	13	23	50	0.4	2	335	54
12	13	23	55	0.7	2	206	57
12	14	0	0	1.1	2	230	33
12	14	0	5	1.2	2	219	27
12	14	0	10	1.3	1	216	59
12	14	0	15	0.6	1	278	57
12	14	0	13	0.7	2	68	68
12	14	0	25	0.9	1	24	70
12	14	0	30	0.6	1	230	64
12	14	0	35	0.8	1	248	58
12	14	0	40	0.6	1	228	28
12	14	0	45	0.2	0	313	72
12	14	0	50	0.5	1	191	69
12	14	0	55	0.3	0	247	72

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	14	1	0	0.4	1	149	47
12	14	1	5	0.7	1	234	46
12	14	1	10	0.9	2	226	42
12	14	1	15	0.3	0	142	85
12	14	1	20	0.0	0	153	70
12	14	1	25	0.1	0	181	12
12	14	1	30	0.0	0	102	66
12	14	1	35	0.0	0	45	54
12	14	1	40	0.2	1	223	83
12	14	1	45	0.3	1	310	75
12	14	1	50	0.1	0	211	26
12	14	1	55	0.0	0	5	51
12	14	2	0	0.6	1	1	24
12	14	2	5	0.3	0	207	65
12	14	2	10	0.2	1	187	4
12	14	2	15	0.0	0	293	73
12	14	2	20	0.0	1	299	26
12	14	2	25	0.1	0	259	57
12	14	2	30	0.2	0	348	60
12	14	2	35	0.6	1	268	51
12	14	2	40	0.4	1	286	69
12	14	2	45	0.3	0	346	90
12	14	2	50	0.2	1	356	70
12	14	2	55	0.5	1	269	60
12	14	3	0	0.5	0	265	68
12	14	3	5	0.5	1	331	80
12	14	3	10	0.9	1	253	46
12	14	3	15	0.8	0	251	41
12	14	3	20	0.3	1	262	52
12	14	3	25	0.8	0	227	47
12	14	3	30	0.4	2	256	75
12	14	3	35	0.6	1	246	55
12	14	3	40	0.7	2	239	38
12	14	3	45	1.0	1	251	34
12	14	3	50	0.9	1	235	38
12	14	3	55	1.1	3	260	38
12	14	4	0	0.6	2	251	73
12	14	4	5	1.3	3	250	24
12	14	4	10	1.0	1	267	47
12	14	4	15	1.0	2	249	62
12	14	4	20	0.4	1	282	52
12	14	4	25	0.2	0	37	84
12	14	4	30	0.5	2	277	73
12	14	4	35	0.6	1	247	42
12	14	4	40	0.7	1	256	33
12	14	4	45	0.7	1	248	46
12	14	4	50	0.6	1	346	71
12	14	4	55	0.2	0	266	58
12	14	5	0	0.4	2	235	67
12	14	5	5	0.8	2	272	57
12	14	5	10	0.9	1	284	37
12	14	5	15	0.5	1	237	42
12	14	5	20	0.6	0	277	52
12	14	5	25	0.6	1	1	26
12	14	5	30	0.3	1	3	25
12	14	5	35	0.8	1	343	21
12	14	5	40	0.6	1	317	68
12	14	5	45	0.6	2	345	25
12	14	5	50	0.5	0	343	73
12	14	5	55	0.5	2	344	40
12	14	6	0	0.3	2	342	48
12	14	6	5	0.9	1	349	30
12	14	6	10	0.7	1	328	34
12	14	6	15	0.8	1	297	26
12	14	6	20	0.6	0	330	39
12	14	6	25	0.0	0	69	95
12	14	6	30	0.8	3	343	28
12	14	6	35	0.9	1	345	25
12	14	6	40	0.4	0	355	38
12	14	6	45	0.1	1	296	78
12	14	6	50	0.9	2	235	49
12	14	6	55	0.6	1	215	24
12	14	7	0	0.3	0	229	41
12	14	7	5	0.1	0	206	26
12	14	7	10	0.3	0	298	31
12	14	7	15	0.2	1	246	34
12	14	7	20	0.3	1	273	26
12	14	7	25	0.1	1	8	83
12	14	7	30	0.6	1	334	22
12	14	7	35	0.8	1	337	22
12	14	7	40	0.5	1	4	35
12	14	7	45	0.6	2	339	27
12	14	7	50	0.5	1	340	31
12	14	7	55	0.7	1	347	27

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	14	8	0	0.6	1	336	24
12	14	8	5	0.8	1	6	24
12	14	8	10	0.3	1	331	52
12	14	8	15	0.7	1	7	32
12	14	8	20	0.6	1	3	24
12	14	8	25	0.7	1	352	27
12	14	8	30	0.6	1	348	30
12	14	8	35	0.3	1	333	56
12	14	8	40	0.4	1	248	65
12	14	8	45	0.8	1	340	40
12	14	8	50	1.1	1	348	33
12	14	8	55	1.3	1	356	31
12	14	9	0	0.8	1	344	33
12	14	9	5	1.1	1	331	48
12	14	9	10	0.4	1	347	89
12	14	9	15	0.8	2	346	40
12	14	9	20	0.6	3	0	29
12	14	9	25	1.1	2	0	31
12	14	9	30	1.1	2	344	30
12	14	9	35	0.8	2	341	43
12	14	9	40	0.8	3	315	76
12	14	9	45	1.2	2	0	24
12	14	9	50	1.0	1	336	62
12	14	9	55	0.9	1	320	29
12	14	10	0	1.0	1	353	33
12	14	10	5	1.0	1	0	38
12	14	10	10	0.8	1	317	62
12	14	10	15	1.1	3	335	54
12	14	10	20	1.0	2	1	35
12	14	10	25	1.2	2	2	58
12	14	10	30	0.5	1	22	72
12	14	10	35	0.8	2	13	43
12	14	10	40	0.8	2	225	72
12	14	10	45	0.8	1	314	49
12	14	10	50	0.9	2	7	51
12	14	10	55	1.4	2	357	27
12	14	11	0	1.3	3	23	32
12	14	11	5	0.9	2	22	51
12	14	11	10	1.3	2	32	40
12	14	11	15	1.4	2	34	36
12	14	11	20	0.8	1	12	55
12	14	11	25	1.1	2	214	58
12	14	11	30	1.0	2	13	50
12	14	11	35	1.1	1	313	66
12	14	11	40	0.6	1	16	63
12	14	11	45	0.8	1	335	72
12	14	11	50	1.3	1	353	54
12	14	11	55	0.5	2	324	92
12	14	12	0	0.9	3	255	70
12	14	12	5	0.9	2	295	72
12	14	12	10	1.1	5	352	79
12	14	12	15	0.8	1	353	66
12	14	12	20	0.5	1	356	68
12	14	12	25	0.6	1	263	68
12	14	12	30	0.6	1	330	76
12	14	12	35	0.8	1	345	93
12	14	12	40	0.8	1	262	90
12	14	12	45	0.7	1	5	44
12	14	12	50	0.9	2	271	75
12	14	12	55	0.9	0	263	56
12	14	13	0	0.9	3	295	62
12	14	13	5	1.3	2	247	30
12	14	13	10	0.8	1	277	71
12	14	13	15	0.9	2	291	50
12	14	13	20	1.0	1	352	41
12	14	13	25	0.4	1	303	73
12	14	13	30	1.0	3	343	39
12	14	13	35	0.9	2	316	54
12	14	13	40	0.7	2	253	54
12	14	13	45	1.2	2	242	39
12	14	13	50	2.0	3	238	24
12	14	13	55	1.4	3	228	28
12	14	14	0	1.4	3	217	27
12	14	14	5	1.5	3	220	28
12	14	14	10	1.6	3	227	29
12	14	14	15	1.3	2	229	26
12	14	14	20	1.3	3	224	27
12	14	14	25	1.4	2	226	34
12	14	14	30	1.4	3	221	24
12	14	14	35	1.1	2	217	26
12	14	14	40	1.1	2	231	38
12	14	14	45	1.0	2	228	73
12	14	14	50	0.9	1	249	30
12	14	14	55	1.0	2	280	49

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	14	15	0	0.4	1	205	66
12	14	15	5	0.4	0	212	59
12	14	15	10	1.0	3	29	35
12	14	15	15	0.9	1	354	42
12	14	15	20	0.6	1	336	91
12	14	15	25	0.7	1	242	49
12	14	15	30	0.1	0	271	86
12	14	15	35	0.5	1	348	52
12	14	15	40	0.3	1	343	91
12	14	15	45	0.9	2	291	34
12	14	15	50	0.8	1	267	39
12	14	15	55	0.6	1	241	49
12	14	16	0	0.3	0	284	42
12	14	16	5	0.2	2	242	68
12	14	16	10	1.1	1	280	52
12	14	16	15	0.5	1	311	66
12	14	16	20	1.5	2	19	42
12	14	16	25	0.8	1	37	56
12	14	16	30	0.7	1	355	39
12	14	16	35	0.3	1	286	39
12	14	16	40	0.5	2	281	48
12	14	16	45	0.5	1	222	40
12	14	16	50	0.7	1	259	46
12	14	16	55	0.4	1	340	58
12	14	17	0	0.7	1	258	45
12	14	17	5	0.8	1	257	25
12	14	17	10	0.1	0	211	48
12	14	17	15	0.4	0	236	44
12	14	17	20	0.1	1	119	89
12	14	17	25	0.4	2	93	94
12	14	17	30	0.6	1	117	51
12	14	17	35	0.3	0	187	46
12	14	17	40	0.3	1	226	57
12	14	17	45	0.3	1	224	69
12	14	17	50	0.4	1	97	93
12	14	17	55	0.4	1	196	32
12	14	18	0	1.2	1	244	20
12	14	18	5	0.8	2	229	23
12	14	18	10	0.6	1	211	15
12	14	18	15	0.6	1	222	23
12	14	18	20	0.6	1	217	23
12	14	18	25	0.6	1	219	18
12	14	18	30	0.5	1	223	22
12	14	18	35	0.7	1	215	16
12	14	18	40	0.7	1	208	12
12	14	18	45	0.3	0	214	13
12	14	18	50	0.3	1	211	13
12	14	18	55	0.6	1	211	16
12	14	19	0	0.7	1	221	22
12	14	19	5	0.7	1	218	22
12	14	19	10	0.6	1	217	18
12	14	19	15	0.5	1	213	18
12	14	19	20	0.6	1	221	24
12	14	19	25	0.1	0	213	17
12	14	19	30	0.4	1	210	12
12	14	19	35	0.8	3	210	17
12	14	19	40	0.6	1	225	24
12	14	19	45	0.8	2	219	16
12	14	19	50	1.3	2	210	19
12	14	19	55	1.1	1	208	20
12	14	20	0	1.0	2	207	26
12	14	20	5	0.7	1	205	18
12	14	20	10	0.4	1	234	30
12	14	20	15	0.5	0	159	61
12	14	20	20	0.2	0	115	22
12	14	20	25	0.2	0	102	44
12	14	20	30	0.1	0	296	88
12	14	20	35	0.0	0	179	5
12	14	20	40	0.4	1	217	15
12	14	20	45	0.1	0	173	88
12	14	20	50	0.2	1	203	16
12	14	20	55	0.5	1	213	15
12	14	21	0	0.4	0	205	53
12	14	21	5	0.4	1	46	39
12	14	21	10	0.4	1	138	38
12	14	21	15	0.2	0	198	23
12	14	21	20	0.2	0	179	51
12	14	21	25	0.1	0	113	27
12	14	21	30	0.4	1	183	22
12	14	21	35	0.0	0	133	23
12	14	21	40	0.2	0	196	43
12	14	21	45	0.1	1	197	13
12	14	21	50	0.1	0	202	57
12	14	21	55	0.0	0	330	44

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	14	22	0	0.0	0	214	34
12	14	22	5	0.3	0	202	10
12	14	22	10	0.4	1	225	14
12	14	22	15	0.6	1	222	16
12	14	22	20	0.6	1	205	17
12	14	22	25	0.6	1	217	14
12	14	22	30	0.2	0	234	27
12	14	22	35	0.2	1	167	74
12	14	22	40	0.4	1	85	37
12	14	22	45	0.5	1	173	25
12	14	22	50	0.3	0	242	24
12	14	22	55	0.3	1	210	9
12	14	23	0	0.2	1	183	32
12	14	23	5	0.6	2	294	80
12	14	23	10	1.2	3	219	34
12	14	23	15	1.1	3	247	32
12	14	23	20	1.1	1	357	84
12	14	23	25	0.8	1	74	97
12	14	23	30	0.4	1	87	76
12	14	23	35	1.0	1	212	22
12	14	23	40	0.6	1	231	81
12	14	23	45	0.6	2	216	48
12	14	23	50	1.0	1	244	31
12	14	23	55	1.3	4	250	34
12	15	0	0	0.9	1	244	54
12	15	0	5	0.8	2	329	75
12	15	0	10	1.2	1	213	27
12	15	0	15	0.7	1	278	53
12	15	0	20	0.9	2	79	91
12	15	0	25	0.8	1	168	69
12	15	0	30	0.7	1	284	58
12	15	0	35	0.6	3	98	99
12	15	0	40	0.5	1	300	77
12	15	0	45	1.2	1	281	62
12	15	0	50	0.6	1	13	99
12	15	0	55	0.6	1	237	63
12	15	1	0	0.9	2	300	56
12	15	1	5	1.7	5	246	59
12	15	1	10	1.0	2	272	49
12	15	1	15	0.9	1	279	53
12	15	1	20	1.0	1	324	49
12	15	1	25	0.7	1	294	67
12	15	1	30	0.6	1	138	98
12	15	1	35	1.0	4	320	66
12	15	1	40	0.9	1	278	85
12	15	1	45	0.7	1	281	61
12	15	1	50	0.9	2	331	62
12	15	1	55	0.6	1	32	68
12	15	2	0	0.7	2	256	48
12	15	2	5	0.6	1	255	67
12	15	2	10	0.6	2	252	64
12	15	2	15	0.7	1	284	78
12	15	2	20	1.1	2	233	56
12	15	2	25	0.6	1	281	77
12	15	2	30	0.5	1	90	86
12	15	2	35	0.6	2	11	92
12	15	2	40	0.8	2	224	65
12	15	2	45	0.8	1	248	52
12	15	2	50	0.2	1	336	29
12	15	2	55	0.2	1	287	76
12	15	3	0	0.9	2	358	35
12	15	3	5	0.6	1	297	51
12	15	3	10	0.6	2	210	92
12	15	3	15	1.0	1	27	92
12	15	3	20	0.6	2	239	38
12	15	3	25	0.1	0	273	39
12	15	3	30	0.1	0	0	72
12	15	3	35	0.4	1	298	48
12	15	3	40	0.4	1	229	37
12	15	3	45	0.4	1	10	62
12	15	3	50	0.3	1	239	62
12	15	3	55	0.5	1	235	25
12	15	4	0	0.3	1	263	39
12	15	4	5	0.5	1	356	76
12	15	4	10	0.5	1	334	35
12	15	4	15	0.4	1	222	25
12	15	4	20	0.2	0	318	92
12	15	4	25	0.0	0	197	4
12	15	4	30	0.3	1	196	7
12	15	4	35	0.1	0	221	41
12	15	4	40	0.2	1	183	22
12	15	4	45	0.7	2	206	7
12	15	4	50	0.6	1	217	26
12	15	4	55	0.2	1	238	23

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	15	5	0	0.5	0	212	16
12	15	5	5	0.4	2	204	25
12	15	5	10	0.2	0	242	22
12	15	5	15	0.2	0	202	3
12	15	5	20	0.0	0	232	8
12	15	5	25	0.5	1	195	12
12	15	5	30	0.5	1	204	16
12	15	5	35	0.3	0	230	23
12	15	5	40	0.6	1	220	18
12	15	5	45	0.4	1	242	15
12	15	5	50	0.4	1	227	21
12	15	5	55	0.7	1	213	17
12	15	6	0	1.1	2	231	25
12	15	6	5	1.1	1	236	21
12	15	6	10	0.5	1	231	18
12	15	6	15	1.0	1	231	30
12	15	6	20	0.9	1	223	20
12	15	6	25	0.4	1	240	29
12	15	6	30	0.9	1	239	33
12	15	6	35	0.7	1	255	38
12	15	6	40	1.2	2	217	19
12	15	6	45	1.1	2	240	17
12	15	6	50	1.0	3	232	21
12	15	6	55	0.8	0	246	19
12	15	7	0	0.5	2	219	18
12	15	7	5	0.7	1	223	21
12	15	7	10	0.8	1	218	17
12	15	7	15	1.2	2	219	17
12	15	7	20	0.7	2	252	67
12	15	7	25	0.7	1	219	19
12	15	7	30	0.6	1	228	19
12	15	7	35	0.5	1	224	19
12	15	7	40	0.9	1	217	18
12	15	7	45	0.8	1	210	13
12	15	7	50	0.4	1	222	20
12	15	7	55	0.3	0	234	22
12	15	8	0	0.1	0	171	35
12	15	8	5	0.1	0	326	8
12	15	8	10	0.0	0	326	68
12	15	8	15	0.2	0	12	67
12	15	8	20	0.2	0	253	45
12	15	8	25	0.3	0	222	36
12	15	8	30	0.2	0	309	91
12	15	8	35	0.4	1	246	49
12	15	8	40	0.2	1	331	61
12	15	8	45	0.4	1	354	24
12	15	8	50	0.7	1	354	23
12	15	8	55	0.6	2	353	23
12	15	9	0	0.9	2	347	31
12	15	9	5	0.9	2	339	27
12	15	9	10	0.7	1	345	39
12	15	9	15	0.5	2	337	45
12	15	9	20	0.8	3	345	23
12	15	9	25	1.7	2	354	26
12	15	9	30	1.0	1	340	29
12	15	9	35	1.0	2	359	29
12	15	9	40	0.9	2	343	20
12	15	9	45	0.5	0	328	42
12	15	9	50	0.1	0	339	77
12	15	9	55	0.3	1	335	72
12	15	10	0	0.5	2	340	91
12	15	10	5	0.3	1	252	57
12	15	10	10	0.5	1	306	70
12	15	10	15	0.4	1	323	60
12	15	10	20	1.0	2	353	50
12	15	10	25	0.9	1	41	57
12	15	10	30	0.4	0	288	78
12	15	10	35	0.5	2	346	45
12	15	10	40	0.9	1	4	59
12	15	10	45	0.9	1	186	86
12	15	10	50	0.3	1	287	86
12	15	10	55	0.2	1	231	91
12	15	11	0	0.3	1	18	82
12	15	11	5	1.2	2	344	32
12	15	11	10	1.3	3	49	58
12	15	11	15	0.7	1	343	42
12	15	11	20	1.1	2	350	30
12	15	11	25	0.6	1	60	75
12	15	11	30	1.0	2	317	43
12	15	11	35	1.0	4	9	71
12	15	11	40	0.7	2	19	58
12	15	11	45	0.6	1	85	61
12	15	11	50	0.9	3	16	43
12	15	11	55	0.8	1	359	79



DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	15	12	0	0.5	1	340	63
12	15	12	5	1.2	2	271	26
12	15	12	10	0.4	0	227	77
12	15	12	15	0.8	2	2	35
12	15	12	20	1.2	2	355	28
12	15	12	25	0.7	1	33	62
12	15	12	30	1.1	2	1	28
12	15	12	35	1.3	3	354	25
12	15	12	40	0.7	1	82	72
12	15	12	45	1.4	1	28	42
12	15	12	50	1.1	2	30	63
12	15	12	55	0.9	2	56	79
12	15	13	0	0.9	1	68	52
12	15	13	5	0.8	1	335	46
12	15	13	10	1.1	2	9	54
12	15	13	15	1.2	2	30	69
12	15	13	20	1.3	2	12	52
12	15	13	25	0.6	1	7	67
12	15	13	30	0.9	2	46	64
12	15	13	35	1.3	3	102	37
12	15	13	40	1.0	2	77	48
12	15	13	45	0.5	1	151	52
12	15	13	50	1.0	2	291	79
12	15	13	55	0.8	1	328	40
12	15	14	0	1.0	2	347	31
12	15	14	5	0.6	2	334	35
12	15	14	10	1.1	2	340	25
12	15	14	15	0.8	1	305	50
12	15	14	20	0.4	1	290	81
12	15	14	25	0.6	0	352	40
12	15	14	30	0.3	2	50	64
12	15	14	35	0.6	1	357	50
12	15	14	40	0.5	1	220	85
12	15	14	45	0.8	1	19	65
12	15	14	50	0.7	0	333	80
12	15	14	55	0.7	2	42	72
12	15	15	0	0.3	1	292	64
12	15	15	5	0.7	1	268	38
12	15	15	10	0.7	0	238	27
12	15	15	15	0.4	2	338	78
12	15	15	20	1.5	4	356	38
12	15	15	25	0.9	2	295	90
12	15	15	30	1.1	3	3	46
12	15	15	35	0.5	1	53	52
12	15	15	40	0.6	2	57	36
12	15	15	45	0.2	1	15	30
12	15	15	50	0.9	1	352	52
12	15	15	55	0.4	0	266	50
12	15	16	0	0.5	1	342	54
12	15	16	5	0.4	1	297	59
12	15	16	10	0.3	0	355	34
12	15	16	15	1.0	2	263	36
12	15	16	20	0.5	1	339	39
12	15	16	25	0.4	1	324	49
12	15	16	30	0.4	2	319	69
12	15	16	35	0.6	1	243	32
12	15	16	40	0.8	1	326	42
12	15	16	45	0.5	1	302	39
12	15	16	50	0.6	1	345	33
12	15	16	55	0.8	2	314	37
12	15	17	0	0.5	0	288	36
12	15	17	5	0.3	0	247	66
12	15	17	10	0.3	0	3	39
12	15	17	15	0.3	1	246	61
12	15	17	20	0.3	0	269	57
12	15	17	25	0.3	1	236	34
12	15	17	30	0.2	1	195	26
12	15	17	35	0.5	1	204	10
12	15	17	40	0.5	1	204	12
12	15	17	45	0.6	1	210	12
12	15	17	50	0.2	0	218	23
12	15	17	55	0.4	1	214	16
12	15	18	0	0.4	1	207	12
12	15	18	5	0.4	0	241	26
12	15	18	10	0.2	0	197	10
12	15	18	15	0.4	1	205	16
12	15	18	20	0.5	1	216	20
12	15	18	25	0.4	1	219	19
12	15	18	30	0.5	1	231	17
12	15	18	35	0.4	1	220	18
12	15	18	40	0.5	1	218	19
12	15	18	45	0.7	1	213	18
12	15	18	50	0.4	0	208	15
12	15	18	55	0.4	0	214	13

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	15	19	0	0.5	1	214	10
12	15	19	5	0.5	1	217	15
12	15	19	10	0.5	1	207	13
12	15	19	15	0.5	1	232	18
12	15	19	20	0.4	1	226	21
12	15	19	25	0.6	0	234	22
12	15	19	30	0.2	1	228	20
12	15	19	35	0.5	1	211	16
12	15	19	40	0.4	1	219	19
12	15	19	45	0.3	1	212	15
12	15	19	50	0.4	1	218	17
12	15	19	55	0.4	1	216	17
12	15	20	0	0.5	1	231	23
12	15	20	5	0.5	2	220	21
12	15	20	10	0.4	1	220	22
12	15	20	15	0.5	1	228	28
12	15	20	20	0.7	1	239	19
12	15	20	25	0.4	1	229	33
12	15	20	30	0.4	1	230	31
12	15	20	35	0.3	0	210	20
12	15	20	40	0.1	0	216	21
12	15	20	45	0.4	1	208	13
12	15	20	50	0.3	0	205	8
12	15	20	55	0.0	0	205	7
12	15	21	0	0.3	1	232	17
12	15	21	5	0.4	0	201	14
12	15	21	10	0.4	1	221	22
12	15	21	15	0.2	0	208	19
12	15	21	20	0.6	1	225	21
12	15	21	25	0.6	1	226	19
12	15	21	30	0.5	1	235	23
12	15	21	35	0.3	1	233	27
12	15	21	40	0.3	1	229	19
12	15	21	45	0.4	1	223	22
12	15	21	50	0.3	1	236	24
12	15	21	55	0.4	0	236	23
12	15	22	0	0.0	0	176	33
12	15	22	5	0.3	2	53	47
12	15	22	10	0.6	1	29	42
12	15	22	15	0.8	2	33	28
12	15	22	20	0.3	0	175	58
12	15	22	25	0.3	0	213	7
12	15	22	30	0.3	1	217	22
12	15	22	35	0.6	1	225	18
12	15	22	40	0.3	0	247	60
12	15	22	45	0.1	0	281	69
12	15	22	50	0.0	0	63	86
12	15	22	55	0.1	0	222	15
12	15	23	0	0.3	1	237	27
12	15	23	5	0.2	0	203	10
12	15	23	10	0.3	0	200	28
12	15	23	15	0.1	0	106	60
12	15	23	20	0.2	0	156	66
12	15	23	25	0.5	1	195	11
12	15	23	30	0.3	0	186	16
12	15	23	35	0.0	1	148	45
12	15	23	40	0.3	0	92	28
12	15	23	45	0.0	0	112	24
12	15	23	50	0.4	1	192	26
12	15	23	55	0.7	1	124	13
12	16	0	0	0.2	0	117	40
12	16	0	5	0.0	0	66	39
12	16	0	10	0.1	0	96	21
12	16	0	15	0.0	0	175	18
12	16	0	20	0.6	1	201	7
12	16	0	25	0.6	1	192	12
12	16	0	30	0.5	1	246	31
12	16	0	35	0.2	0	210	21
12	16	0	40	0.4	1	206	7
12	16	0	45	0.3	1	223	14
12	16	0	50	0.3	1	218	15
12	16	0	55	0.4	0	217	22
12	16	1	0	0.5	1	221	20
12	16	1	5	0.4	1	221	19
12	16	1	10	0.2	1	213	8
12	16	1	15	0.1	0	190	5
12	16	1	20	0.2	1	213	19
12	16	1	25	0.2	0	248	17
12	16	1	30	0.0	0	112	42
12	16	1	35	0.3	0	197	9
12	16	1	40	0.0	0	169	17
12	16	1	45	0.1	1	117	90
12	16	1	50	0.5	1	200	10
12	16	1	55	0.1	0	107	77

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	16	2	0	0.2	0	62	34
12	16	2	5	0.1	0	142	20
12	16	2	10	0.2	1	179	20
12	16	2	15	0.1	0	178	13
12	16	2	20	0.0	0	230	17
12	16	2	25	0.2	0	216	15
12	16	2	30	0.2	0	258	40
12	16	2	35	0.0	0	225	38
12	16	2	40	0.3	0	228	22
12	16	2	45	0.0	0	205	8
12	16	2	50	0.2	0	203	4
12	16	2	55	0.0	0	148	55
12	16	3	0	0.3	0	41	20
12	16	3	5	0.4	1	174	56
12	16	3	10	0.8	2	230	17
12	16	3	15	1.6	2	246	17
12	16	3	20	0.5	0	221	14
12	16	3	25	0.4	1	244	29
12	16	3	30	0.1	0	174	59
12	16	3	35	1.0	2	86	45
12	16	3	40	1.0	1	48	26
12	16	3	45	0.6	1	26	23
12	16	3	50	0.7	1	96	30
12	16	3	55	0.5	1	88	28
12	16	4	0	0.1	0	169	38
12	16	4	5	0.3	0	214	10
12	16	4	10	0.6	1	212	9
12	16	4	15	0.6	1	227	12
12	16	4	20	0.4	1	235	20
12	16	4	25	0.3	0	214	55
12	16	4	30	0.0	0	121	43
12	16	4	35	0.0	0	131	82
12	16	4	40	0.3	1	289	77
12	16	4	45	0.0	0	197	23
12	16	4	50	0.1	0	151	13
12	16	4	55	0.7	1	104	36
12	16	5	0	0.2	0	166	94
12	16	5	5	0.0	0	170	35
12	16	5	10	0.0	0	105	75
12	16	5	15	0.0	1	207	33
12	16	5	20	0.1	0	192	4
12	16	5	25	0.0	0	146	54
12	16	5	30	0.5	1	53	21
12	16	5	35	0.4	1	138	88
12	16	5	40	0.5	1	235	23
12	16	5	45	0.5	1	200	11
12	16	5	50	0.3	0	196	13
12	16	5	55	0.1	1	178	38
12	16	6	0	0.5	1	78	46
12	16	6	5	0.0	0	143	77
12	16	6	10	0.0	0	145	1
12	16	6	15	0.1	0	183	8
12	16	6	20	0.0	0	167	4
12	16	6	25	0.0	0	165	2
12	16	6	30	0.0	0	158	13
12	16	6	35	0.0	0	118	13
12	16	6	40	0.1	1	135	48
12	16	6	45	0.2	0	194	5
12	16	6	50	0.0	0	139	25
12	16	6	55	0.2	0	163	31
12	16	7	0	0.0	0	215	50
12	16	7	5	0.0	0	0	18
12	16	7	10	0.3	1	12	68
12	16	7	15	0.3	0	188	18
12	16	7	20	0.3	1	118	13
12	16	7	25	0.1	0	87	61
12	16	7	30	0.2	0	8	52
12	16	7	35	0.4	1	16	47
12	16	7	40	0.5	1	20	55
12	16	7	45	0.0	0	6	70
12	16	7	50	0.1	0	254	31
12	16	7	55	0.5	1	213	13
12	16	8	0	0.5	1	214	19
12	16	8	5	0.1	0	170	37
12	16	8	10	0.2	0	86	25
12	16	8	15	0.2	0	191	39
12	16	8	20	0.3	1	200	3
12	16	8	25	0.3	1	147	31
12	16	8	30	0.5	0	101	24
12	16	8	35	0.1	1	96	43
12	16	8	40	0.2	0	93	19
12	16	8	45	0.4	1	118	11
12	16	8	50	0.6	1	104	13
12	16	8	55	0.2	1	37	56

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	16	9	0	0.2	0	47	22
12	16	9	5	0.1	1	110	63
12	16	9	10	0.5	2	355	30
12	16	9	15	0.5	2	25	39
12	16	9	20	0.9	2	26	28
12	16	9	25	0.9	1	17	28
12	16	9	30	0.4	1	61	77
12	16	9	35	0.6	2	6	59
12	16	9	40	1.1	2	22	35
12	16	9	45	0.5	1	353	57
12	16	9	50	0.9	1	339	54
12	16	9	55	0.8	2	1	70
12	16	10	0	1.1	2	312	44
12	16	10	5	1.5	5	348	57
12	16	10	10	1.4	2	9	28
12	16	10	15	1.3	2	2	44
12	16	10	20	1.2	1	352	43
12	16	10	25	1.5	2	348	26
12	16	10	30	1.0	1	342	28
12	16	10	35	0.5	1	337	49
12	16	10	40	0.8	1	357	37
12	16	10	45	0.7	1	347	41
12	16	10	50	0.6	2	357	61
12	16	10	55	1.3	4	357	35
12	16	11	0	1.2	2	354	40
12	16	11	5	1.2	3	11	35
12	16	11	10	1.0	3	348	67
12	16	11	15	1.3	3	353	30
12	16	11	20	1.2	3	354	33
12	16	11	25	1.2	1	342	39
12	16	11	30	1.1	1	346	49
12	16	11	35	0.6	2	251	82
12	16	11	40	1.0	3	222	38
12	16	11	45	0.4	1	295	75
12	16	11	50	0.7	2	256	82
12	16	11	55	0.6	1	19	47
12	16	12	0	0.9	3	213	57
12	16	12	5	0.5	2	266	79
12	16	12	10	0.8	1	252	74
12	16	12	15	0.5	1	159	81
12	16	12	20	1.1	2	4	47
12	16	12	25	0.6	2	20	42
12	16	12	30	0.9	1	5	23
12	16	12	35	0.7	0	51	51
12	16	12	40	0.6	2	344	33
12	16	12	45	0.9	1	7	35
12	16	12	50	1.0	2	357	23
12	16	12	55	0.5	1	334	86
12	16	13	0	0.9	2	311	57
12	16	13	5	0.8	2	18	57
12	16	13	10	1.2	4	323	39
12	16	13	15	1.1	2	359	39
12	16	13	20	1.1	2	3	54
12	16	13	25	1.0	1	347	54
12	16	13	30	0.5	1	27	91
12	16	13	35	0.8	3	57	65
12	16	13	40	1.1	2	12	47
12	16	13	45	0.7	1	312	60
12	16	13	50	0.9	3	359	40
12	16	13	55	1.3	1	28	39
12	16	14	0	1.2	3	358	46
12	16	14	5	1.8	3	334	23
12	16	14	10	1.0	3	49	61
12	16	14	15	1.1	1	8	43
12	16	14	20	0.7	2	42	57
12	16	14	25	1.0	3	69	42
12	16	14	30	1.5	3	52	40
12	16	14	35	1.3	3	61	46
12	16	14	40	1.1	2	50	46
12	16	14	45	1.3	2	24	39
12	16	14	50	1.4	2	34	37
12	16	14	55	1.2	3	73	59
12	16	15	0	1.5	3	66	34
12	16	15	5	1.1	2	69	43
12	16	15	10	1.4	3	71	44
12	16	15	15	1.4	3	64	44
12	16	15	20	0.9	2	35	57
12	16	15	25	0.8	1	25	52
12	16	15	30	0.5	2	22	74
12	16	15	35	1.1	3	334	29
12	16	15	40	1.4	2	29	45
12	16	15	45	0.9	1	59	54
12	16	15	50	0.6	2	40	60
12	16	15	55	1.2	4	52	49

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	16	16	0	1.0	3	53	48
12	16	16	5	0.8	2	61	57
12	16	16	10	0.4	1	77	75
12	16	16	15	0.4	2	204	79
12	16	16	20	0.7	2	33	80
12	16	16	25	0.7	1	34	61
12	16	16	30	0.3	1	32	50
12	16	16	35	0.5	0	31	74
12	16	16	40	0.4	0	107	70
12	16	16	45	0.5	1	95	60
12	16	16	50	0.3	1	160	40
12	16	16	55	0.5	1	126	39
12	16	17	0	0.5	1	27	42
12	16	17	5	0.3	1	101	66
12	16	17	10	0.5	1	159	38
12	16	17	15	0.5	1	130	64
12	16	17	20	0.1	0	103	77
12	16	17	25	0.1	0	199	42
12	16	17	30	0.1	0	168	59
12	16	17	35	0.2	1	209	20
12	16	17	40	0.5	1	197	7
12	16	17	45	0.2	0	199	25
12	16	17	50	0.1	0	203	66
12	16	17	55	0.3	0	182	15
12	16	18	0	0.2	0	209	20
12	16	18	5	0.6	1	223	26
12	16	18	10	0.7	1	200	18
12	16	18	15	0.6	1	204	14
12	16	18	20	0.7	1	205	15
12	16	18	25	0.7	1	211	19
12	16	18	30	0.7	1	225	22
12	16	18	35	0.6	1	217	19
12	16	18	40	0.9	1	220	17
12	16	18	45	1.2	1	192	70
12	16	18	50	1.0	1	240	23
12	16	18	55	0.9	2	231	29
12	16	19	0	0.7	1	219	20
12	16	19	5	0.6	1	224	18
12	16	19	10	0.7	1	217	13
12	16	19	15	0.6	1	224	15
12	16	19	20	0.7	1	216	17
12	16	19	25	0.7	1	208	13
12	16	19	30	0.3	1	219	20
12	16	19	35	0.7	1	219	20
12	16	19	40	0.6	1	216	13
12	16	19	45	0.7	1	219	21
12	16	19	50	0.9	2	216	19
12	16	19	55	0.9	1	224	24
12	16	20	0	0.8	1	215	24
12	16	20	5	0.2	1	220	19
12	16	20	10	0.4	1	219	16
12	16	20	15	0.4	1	217	15
12	16	20	20	0.4	0	217	22
12	16	20	25	0.2	1	212	18
12	16	20	30	0.5	1	233	19
12	16	20	35	0.4	1	214	19
12	16	20	40	0.5	0	221	17
12	16	20	45	0.3	1	220	12
12	16	20	50	0.4	1	223	17
12	16	20	55	0.6	2	230	16
12	16	21	0	0.4	1	224	20
12	16	21	5	0.6	1	220	26
12	16	21	10	0.3	1	234	54
12	16	21	15	0.1	1	228	43
12	16	21	20	0.3	0	205	12
12	16	21	25	0.2	1	209	12
12	16	21	30	0.3	0	218	32
12	16	21	35	0.1	0	187	10
12	16	21	40	0.4	1	211	17
12	16	21	45	0.4	1	223	17
12	16	21	50	0.5	1	217	13
12	16	21	55	0.6	1	209	12
12	16	22	0	0.1	0	163	42
12	16	22	5	0.2	1	220	21
12	16	22	10	0.1	0	173	35
12	16	22	15	0.1	0	214	20
12	16	22	20	0.4	1	213	11
12	16	22	25	0.2	1	193	47
12	16	22	30	0.3	1	207	15
12	16	22	35	0.5	0	231	49
12	16	22	40	0.4	1	185	41
12	16	22	45	0.1	0	208	64
12	16	22	50	0.3	0	202	25
12	16	22	55	0.1	0	166	35

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	16	23	0	0.1	0	167	17
12	16	23	5	0.4	0	203	15
12	16	23	10	0.1	0	208	9
12	16	23	15	0.4	0	198	9
12	16	23	20	0.4	0	214	31
12	16	23	25	0.4	1	209	30
12	16	23	30	0.3	0	204	10
12	16	23	35	0.2	0	176	49
12	16	23	40	0.0	0	148	4
12	16	23	45	0.0	0	141	14
12	16	23	50	0.3	0	199	7
12	16	23	55	0.1	0	159	23
12	17	0	0	0.2	1	179	24
12	17	0	5	0.3	0	258	40
12	17	0	10	0.1	0	205	45
12	17	0	15	0.0	0	212	35
12	17	0	20	0.2	0	253	55
12	17	0	25	0.0	0	219	39
12	17	0	30	0.0	0	222	29
12	17	0	35	0.4	1	256	40
12	17	0	40	0.2	1	220	24
12	17	0	45	0.2	0	148	86
12	17	0	50	0.2	0	226	36
12	17	0	55	0.1	0	204	24
12	17	1	0	0.2	1	261	47
12	17	1	5	0.5	0	208	14
12	17	1	10	0.0	1	66	76
12	17	1	15	0.3	0	247	49
12	17	1	20	0.2	0	234	50
12	17	1	25	0.4	1	205	8
12	17	1	30	0.2	0	143	54
12	17	1	35	0.1	0	117	49
12	17	1	40	0.1	0	196	14
12	17	1	45	0.0	0	167	63
12	17	1	50	0.0	0	62	56
12	17	1	55	0.1	0	208	60
12	17	2	0	0.6	0	204	15
12	17	2	5	0.2	1	221	14
12	17	2	10	0.1	0	221	17
12	17	2	15	0.0	0	160	65
12	17	2	20	0.1	0	198	4
12	17	2	25	0.1	0	55	69
12	17	2	30	0.1	0	197	13
12	17	2	35	0.1	0	189	18
12	17	2	40	0.4	1	208	15
12	17	2	45	0.0	0	219	5
12	17	2	50	0.1	1	204	4
12	17	2	55	0.1	0	233	41
12	17	3	0	0.0	0	137	81
12	17	3	5	0.1	0	153	43
12	17	3	10	0.3	0	200	49
12	17	3	15	0.1	0	234	15
12	17	3	20	0.0	0	189	26
12	17	3	25	0.0	0	201	13
12	17	3	30	0.1	0	202	10
12	17	3	35	0.1	1	167	42
12	17	3	40	0.0	0	209	26
12	17	3	45	0.0	0	131	6
12	17	3	50	0.1	0	111	65
12	17	3	55	0.1	1	230	56
12	17	4	0	0.3	1	203	11
12	17	4	5	0.1	0	225	73
12	17	4	10	0.2	0	182	13
12	17	4	15	0.0	0	228	77
12	17	4	20	0.3	1	90	67
12	17	4	25	0.2	1	44	34
12	17	4	30	0.1	0	34	68
12	17	4	35	0.0	0	156	30
12	17	4	40	0.1	1	176	15
12	17	4	45	0.4	0	198	15
12	17	4	50	0.2	0	186	33
12	17	4	55	0.2	0	79	46
12	17	5	0	0.1	0	66	35
12	17	5	5	0.1	0	120	16
12	17	5	10	0.1	0	197	13
12	17	5	15	0.3	0	221	16
12	17	5	20	0.4	1	217	22
12	17	5	25	0.3	2	243	40
12	17	5	30	0.8	1	210	17
12	17	5	35	0.8	1	223	23
12	17	5	40	0.7	1	226	23
12	17	5	45	0.4	1	238	27
12	17	5	50	0.1	0	115	89
12	17	5	55	0.2	1	154	72

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	17	6	0	0.2	0	228	25
12	17	6	5	0.3	1	289	64
12	17	6	10	1.0	1	203	10
12	17	6	15	0.7	1	222	22
12	17	6	20	0.7	1	229	23
12	17	6	25	0.5	2	312	67
12	17	6	30	0.6	2	228	80
12	17	6	35	0.9	1	13	85
12	17	6	40	0.7	1	248	69
12	17	6	45	0.7	2	246	49
12	17	6	50	0.8	1	252	89
12	17	6	55	0.5	1	21	86
12	17	7	0	0.4	1	231	27
12	17	7	5	0.5	1	180	81
12	17	7	10	1.2	2	186	38
12	17	7	15	0.8	1	215	22
12	17	7	20	0.8	1	233	26
12	17	7	25	0.7	1	214	22
12	17	7	30	0.9	1	219	20
12	17	7	35	1.4	2	226	22
12	17	7	40	0.9	1	171	87
12	17	7	45	0.4	0	221	55
12	17	7	50	0.7	1	204	21
12	17	7	55	0.8	2	204	16
12	17	8	0	0.8	1	206	22
12	17	8	5	0.7	0	206	45
12	17	8	10	0.8	2	321	45
12	17	8	15	1.1	4	229	65
12	17	8	20	1.0	1	241	37
12	17	8	25	0.3	1	265	31
12	17	8	30	0.3	0	217	57
12	17	8	35	0.2	0	182	78
12	17	8	40	0.2	0	197	60
12	17	8	45	0.5	1	267	22
12	17	8	50	0.5	1	233	58
12	17	8	55	0.5	1	236	41
12	17	9	0	0.6	1	229	38
12	17	9	5	0.1	1	209	72
12	17	9	10	0.2	0	222	60
12	17	9	15	0.8	2	323	34
12	17	9	20	0.9	1	352	64
12	17	9	25	1.1	4	5	46
12	17	9	30	1.2	4	70	76
12	17	9	35	1.2	2	205	84
12	17	9	40	1.1	3	341	82
12	17	9	45	1.0	2	7	90
12	17	9	50	0.8	2	216	65
12	17	9	55	0.9	2	277	94
12	17	10	0	0.7	1	177	94
12	17	10	5	1.3	3	141	96
12	17	10	10	1.1	2	106	102
12	17	10	15	1.3	1	84	66
12	17	10	20	1.3	2	50	98
12	17	10	25	1.2	2	255	93
12	17	10	30	0.9	1	226	88
12	17	10	35	0.8	1	175	77
12	17	10	40	1.8	4	245	71
12	17	10	45	1.4	2	56	61
12	17	10	50	0.9	4	327	61
12	17	10	55	1.1	5	283	79
12	17	11	0	1.2	2	237	42
12	17	11	5	0.8	3	289	62
12	17	11	10	1.7	3	254	43
12	17	11	15	0.9	3	52	78
12	17	11	20	1.4	1	357	65
12	17	11	25	1.6	3	43	55
12	17	11	30	1.5	2	41	66
12	17	11	35	1.5	3	26	88
12	17	11	40	1.1	3	1	68
12	17	11	45	1.2	1	330	52
12	17	11	50	1.0	4	49	72
12	17	11	55	1.5	5	19	74
12	17	12	0	1.1	1	19	74
12	17	12	5	0.6	2	66	51
12	17	12	10	1.5	2	83	48
12	17	12	15	1.4	3	77	55
12	17	12	20	1.4	1	87	49
12	17	12	25	1.5	1	65	65
12	17	12	30	1.3	3	29	38
12	17	12	35	1.2	2	7	57
12	17	12	40	1.1	5	15	86
12	17	12	45	0.9	2	4	78
12	17	12	50	1.2	1	8	51
12	17	12	55	0.8	2	341	71

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	17	13	0	1.2	4	352	48
12	17	13	5	2.2	7	3	55
12	17	13	10	1.1	2	24	82
12	17	13	15	1.2	2	343	51
12	17	13	20	1.4	4	2	72
12	17	13	25	1.1	1	51	77
12	17	13	30	1.1	4	16	70
12	17	13	35	1.2	2	245	67
12	17	13	40	1.4	2	49	80
12	17	13	45	1.0	2	43	64
12	17	13	50	0.7	0	350	72
12	17	13	55	0.6	1	91	79
12	17	14	0	1.1	1	33	73
12	17	14	5	1.1	2	90	57
12	17	14	10	1.7	4	351	56
12	17	14	15	1.0	1	46	50
12	17	14	20	1.4	3	20	53
12	17	14	25	1.9	7	346	55
12	17	14	30	1.8	2	342	63
12	17	14	35	0.8	2	52	64
12	17	14	40	1.2	2	36	56
12	17	14	45	0.8	1	346	31
12	17	14	50	1.1	1	36	51
12	17	14	55	1.1	2	42	64
12	17	15	0	0.9	1	180	96
12	17	15	5	0.9	2	42	73
12	17	15	10	0.8	1	33	50
12	17	15	15	1.0	4	53	75
12	17	15	20	0.9	2	49	64
12	17	15	25	1.1	2	43	84
12	17	15	30	1.1	2	352	68
12	17	15	35	0.8	2	298	79
12	17	15	40	0.5	2	323	43
12	17	15	45	1.5	1	259	53
12	17	15	50	0.7	2	358	91
12	17	15	55	1.2	4	42	52
12	17	16	0	1.2	3	12	56
12	17	16	5	0.7	1	66	77
12	17	16	10	1.4	3	144	87
12	17	16	15	0.7	1	29	62
12	17	16	20	0.6	2	167	60
12	17	16	25	0.8	2	41	62
12	17	16	30	1.3	2	275	71
12	17	16	35	0.8	1	265	71
12	17	16	40	0.5	1	154	56
12	17	16	45	0.7	1	6	51
12	17	16	50	0.7	3	338	85
12	17	16	55	1.6	6	8	52
12	17	17	0	0.6	1	60	87
12	17	17	5	1.3	3	326	28
12	17	17	10	1.0	3	36	45
12	17	17	15	0.6	1	57	55
12	17	17	20	0.8	2	341	45
12	17	17	25	0.7	1	339	61
12	17	17	30	0.8	3	39	45
12	17	17	35	0.9	2	25	34
12	17	17	40	1.2	2	36	52
12	17	17	45	1.0	2	41	39
12	17	17	50	0.6	2	31	79
12	17	17	55	1.3	4	22	53
12	17	18	0	1.7	3	12	59
12	17	18	5	1.1	4	15	68
12	17	18	10	1.6	2	58	47
12	17	18	15	0.6	1	76	50
12	17	18	20	0.8	3	47	68
12	17	18	25	0.7	0	9	93
12	17	18	30	0.8	2	307	52
12	17	18	35	0.5	1	102	68
12	17	18	40	1.0	1	36	49
12	17	18	45	0.7	1	146	82
12	17	18	50	1.2	5	350	67
12	17	18	55	1.6	1	14	51
12	17	19	0	1.4	2	346	57
12	17	19	5	1.0	2	331	38
12	17	19	10	0.8	1	26	55
12	17	19	15	0.9	2	4	38
12	17	19	20	0.6	1	349	68
12	17	19	25	0.8	1	13	52
12	17	19	30	1.1	2	7	41
12	17	19	35	1.2	3	359	38
12	17	19	40	0.9	2	26	78
12	17	19	45	0.8	3	347	25
12	17	19	50	0.9	2	28	100
12	17	19	55	0.8	3	27	67

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	17	20	0	0.4	3	78	75
12	17	20	5	1.1	2	89	34
12	17	20	10	0.7	0	57	83
12	17	20	15	0.4	1	142	66
12	17	20	20	0.4	1	68	41
12	17	20	25	0.6	2	57	59
12	17	20	30	1.1	3	1	36
12	17	20	35	0.9	2	49	58
12	17	20	40	0.8	1	68	95
12	17	20	45	0.7	4	354	69
12	17	20	50	0.9	3	47	63
12	17	20	55	1.1	3	29	56
12	17	21	0	0.6	1	50	70
12	17	21	5	0.8	1	10	53
12	17	21	10	0.1	1	111	67
12	17	21	15	0.7	1	58	58
12	17	21	20	0.6	1	114	26
12	17	21	25	1.1	1	325	97
12	17	21	30	1.2	1	91	36
12	17	21	35	0.7	1	108	36
12	17	21	40	0.5	2	355	73
12	17	21	45	0.7	1	337	85
12	17	21	50	0.6	0	281	43
12	17	21	55	0.5	1	317	68
12	17	22	0	0.7	1	251	37
12	17	22	5	0.4	0	283	78
12	17	22	10	0.9	1	252	25
12	17	22	15	0.8	3	228	50
12	17	22	20	0.7	0	262	43
12	17	22	25	0.6	2	69	97
12	17	22	30	0.9	2	18	42
12	17	22	35	0.9	2	113	63
12	17	22	40	1.3	2	92	33
12	17	22	45	1.1	2	103	25
12	17	22	50	0.4	0	91	56
12	17	22	55	0.2	1	292	79
12	17	23	0	0.4	1	126	43
12	17	23	5	0.4	1	334	36
12	17	23	10	0.5	1	229	22
12	17	23	15	0.2	0	229	34
12	17	23	20	0.0	0	153	38
12	17	23	25	0.1	1	166	75
12	17	23	30	0.1	0	127	69
12	17	23	35	0.1	0	193	8
12	17	23	40	0.4	1	232	35
12	17	23	45	0.8	2	240	22
12	17	23	50	0.7	1	217	16
12	17	23	55	0.2	1	264	56
12	18	0	0	0.2	0	179	29
12	18	0	5	0.2	0	191	34
12	18	0	10	0.3	1	135	25
12	18	0	15	0.3	0	188	10
12	18	0	20	0.4	1	195	12
12	18	0	25	0.1	0	232	33
12	18	0	30	0.4	0	199	18
12	18	0	35	0.2	1	216	18
12	18	0	40	0.3	0	227	15
12	18	0	45	0.4	1	218	24
12	18	0	50	0.4	1	277	87
12	18	0	55	0.6	1	226	44
12	18	1	0	0.2	0	294	93
12	18	1	5	0.1	0	163	38
12	18	1	10	0.2	1	110	33
12	18	1	15	0.1	0	57	44
12	18	1	20	0.1	0	44	69
12	18	1	25	0.0	0	127	26
12	18	1	30	0.6	1	212	10
12	18	1	35	0.5	1	232	24
12	18	1	40	0.5	1	210	16
12	18	1	45	0.5	2	249	14
12	18	1	50	0.6	0	244	18
12	18	1	55	0.4	1	192	47
12	18	2	0	0.5	1	213	18
12	18	2	5	0.3	1	219	14
12	18	2	10	0.1	0	239	33
12	18	2	15	0.0	0	205	24
12	18	2	20	0.1	0	204	18
12	18	2	25	0.3	1	207	7
12	18	2	30	0.1	0	222	24
12	18	2	35	0.1	0	216	24
12	18	2	40	0.3	1	213	14
12	18	2	45	0.3	1	203	13
12	18	2	50	0.3	0	220	16
12	18	2	55	0.3	1	200	25

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	18	3	0	0.2	0	200	15
12	18	3	5	0.0	0	7	91
12	18	3	10	0.4	1	198	22
12	18	3	15	0.7	1	234	22
12	18	3	20	0.9	1	201	11
12	18	3	25	0.5	0	195	18
12	18	3	30	0.4	1	216	24
12	18	3	35	0.5	1	206	14
12	18	3	40	0.4	0	211	17
12	18	3	45	0.4	1	208	32
12	18	3	50	0.3	1	220	20
12	18	3	55	0.6	1	225	19
12	18	4	0	0.5	1	217	19
12	18	4	5	0.7	2	206	13
12	18	4	10	0.7	1	210	12
12	18	4	15	0.9	1	208	18
12	18	4	20	0.5	1	226	12
12	18	4	25	0.3	1	303	52
12	18	4	30	0.1	0	304	59
12	18	4	35	0.1	0	172	12
12	18	4	40	0.6	1	234	27
12	18	4	45	0.5	1	237	23
12	18	4	50	0.6	1	224	21
12	18	4	55	0.4	0	227	16
12	18	5	0	0.1	1	344	89
12	18	5	5	0.1	0	4	30
12	18	5	10	0.0	0	197	9
12	18	5	15	0.0	0	194	1
12	18	5	20	0.4	1	223	19
12	18	5	25	0.5	1	211	15
12	18	5	30	0.2	1	306	62
12	18	5	35	0.3	1	204	10
12	18	5	40	0.2	0	204	11
12	18	5	45	0.8	1	229	47
12	18	5	50	0.5	1	273	36
12	18	5	55	0.6	1	219	22
12	18	6	0	0.3	1	227	41
12	18	6	5	0.5	1	219	15
12	18	6	10	0.6	1	228	13
12	18	6	15	0.4	0	236	19
12	18	6	20	0.5	1	230	19
12	18	6	25	0.5	1	233	22
12	18	6	30	0.4	1	218	43
12	18	6	35	0.2	0	303	72
12	18	6	40	0.2	0	318	101
12	18	6	45	0.3	1	334	66
12	18	6	50	0.2	0	10	31
12	18	6	55	0.2	1	273	94
12	18	7	0	0.3	0	327	60
12	18	7	5	0.2	1	327	30
12	18	7	10	0.4	1	274	36
12	18	7	15	0.3	1	307	46
12	18	7	20	0.9	2	235	31
12	18	7	25	1.2	1	234	30
12	18	7	30	0.9	1	266	37
12	18	7	35	0.4	1	236	29
12	18	7	40	0.6	2	233	24
12	18	7	45	0.4	1	240	26
12	18	7	50	0.5	1	265	25
12	18	7	55	0.5	0	224	25
12	18	8	0	0.2	1	258	44
12	18	8	5	0.8	2	240	37
12	18	8	10	0.3	0	258	38
12	18	8	15	0.3	1	214	43
12	18	8	20	0.6	0	204	25
12	18	8	25	0.1	0	218	78
12	18	8	30	0.5	1	188	19
12	18	8	35	0.3	0	120	56
12	18	8	40	0.5	1	60	63
12	18	8	45	0.2	1	143	35
12	18	8	50	0.7	1	155	47
12	18	8	55	0.5	0	144	42
12	18	9	0	0.2	1	134	44
12	18	9	5	0.6	2	228	54
12	18	9	10	0.2	0	206	83
12	18	9	15	0.5	1	203	40
12	18	9	20	0.2	0	224	88
12	18	9	25	0.3	0	175	45
12	18	9	30	0.8	2	180	21
12	18	9	35	0.4	1	146	34
12	18	9	40	0.2	1	180	81
12	18	9	45	0.5	1	10	81
12	18	9	50	0.2	1	56	63
12	18	9	55	0.3	1	236	73

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	18	10	0	0.5	2	16	81
12	18	10	5	0.4	0	335	70
12	18	10	10	0.5	1	346	25
12	18	10	15	0.5	1	3	27
12	18	10	20	0.5	0	331	33
12	18	10	25	0.1	0	294	64
12	18	10	30	0.3	1	18	92
12	18	10	35	0.4	0	277	52
12	18	10	40	0.2	0	284	73
12	18	10	45	0.3	0	179	39
12	18	10	50	0.1	0	24	83
12	18	10	55	0.3	0	203	10
12	18	11	0	0.4	1	155	93
12	18	11	5	0.4	1	107	56
12	18	11	10	0.7	1	8	47
12	18	11	15	0.3	1	171	80
12	18	11	20	0.6	1	104	56
12	18	11	25	0.7	1	343	54
12	18	11	30	0.4	1	297	81
12	18	11	35	0.2	0	288	59
12	18	11	40	0.1	0	132	71
12	18	11	45	0.4	1	348	56
12	18	11	50	0.4	0	329	51
12	18	11	55	0.5	1	349	53
12	18	12	0	0.9	2	27	52
12	18	12	5	0.8	2	343	49
12	18	12	10	0.9	2	357	37
12	18	12	15	1.1	2	350	22
12	18	12	20	0.5	1	9	61
12	18	12	25	0.2	1	293	85
12	18	12	30	0.5	0	281	41
12	18	12	35	0.3	1	91	88
12	18	12	40	0.5	2	23	60
12	18	12	45	0.6	1	353	92
12	18	12	50	0.2	0	257	66
12	18	12	55	0.0	1	272	79
12	18	13	0	0.5	1	1	42
12	18	13	5	0.4	0	343	34
12	18	13	10	0.4	1	270	39
12	18	13	15	0.3	0	352	34
12	18	13	20	0.2	0	301	32
12	18	13	25	0.8	3	9	48
12	18	13	30	0.6	2	25	70
12	18	13	35	0.5	1	7	40
12	18	13	40	0.6	1	329	66
12	18	13	45	0.7	2	335	25
12	18	13	50	0.4	1	329	62
12	18	13	55	0.1	1	261	43
12	18	14	0	0.5	1	322	49
12	18	14	5	0.3	1	249	52
12	18	14	10	0.7	1	289	49
12	18	14	15	0.6	1	2	44
12	18	14	20	0.7	1	343	24
12	18	14	25	0.5	2	335	25
12	18	14	30	0.6	1	337	27
12	18	14	35	0.7	1	344	26
12	18	14	40	0.4	0	341	43
12	18	14	45	0.3	0	40	59
12	18	14	50	0.5	1	331	29
12	18	14	55	0.6	2	13	73
12	18	15	0	1.0	2	23	48
12	18	15	5	0.5	1	287	60
12	18	15	10	0.3	1	155	75
12	18	15	15	0.5	0	249	52
12	18	15	20	0.6	1	48	52
12	18	15	25	0.5	1	4	74
12	18	15	30	0.4	0	283	83
12	18	15	35	0.1	0	323	66
12	18	15	40	0.2	0	136	59
12	18	15	45	0.2	0	28	75
12	18	15	50	0.4	1	269	57
12	18	15	55	0.4	1	249	45
12	18	16	0	0.2	2	260	57
12	18	16	5	0.4	1	202	17
12	18	16	10	0.5	1	237	41
12	18	16	15	0.1	0	164	37
12	18	16	20	0.0	0	126	39
12	18	16	25	0.7	1	353	40
12	18	16	30	0.6	1	349	33
12	18	16	35	0.4	1	22	60
12	18	16	40	0.2	0	264	54
12	18	16	45	0.0	0	67	48
12	18	16	50	0.6	1	302	41
12	18	16	55	0.4	1	304	43

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	18	17	0	0.6	0	283	48
12	18	17	5	0.3	0	357	30
12	18	17	10	0.5	1	11	19
12	18	17	15	0.5	1	355	28
12	18	17	20	0.4	1	338	27
12	18	17	25	0.2	1	282	47
12	18	17	30	0.8	1	228	25
12	18	17	35	0.3	1	238	27
12	18	17	40	0.4	1	311	53
12	18	17	45	0.4	1	0	31
12	18	17	50	0.1	1	349	27
12	18	17	55	0.3	1	351	34
12	18	18	0	0.7	1	51	30
12	18	18	5	0.0	0	85	24
12	18	18	10	0.0	0	128	92
12	18	18	15	0.0	0	206	15
12	18	18	20	0.1	0	232	60
12	18	18	25	0.1	0	278	53
12	18	18	30	0.0	0	203	45
12	18	18	35	0.0	0	67	68
12	18	18	40	0.0	0	337	3
12	18	18	45	0.0	0	334	12
12	18	18	50	0.1	1	253	71
12	18	18	55	0.2	1	198	18
12	18	19	0	0.2	1	210	16
12	18	19	5	0.2	1	250	41
12	18	19	10	0.4	1	249	22
12	18	19	15	0.9	2	258	24
12	18	19	20	0.6	1	251	45
12	18	19	25	0.6	1	253	30
12	18	19	30	0.1	1	214	35
12	18	19	35	0.8	1	212	17
12	18	19	40	0.3	0	200	14
12	18	19	45	0.1	0	215	15
12	18	19	50	0.0	0	264	44
12	18	19	55	0.0	0	92	48
12	18	20	0	0.0	0	90	17
12	18	20	5	0.2	1	70	60
12	18	20	10	0.2	0	143	12
12	18	20	15	0.4	0	176	23
12	18	20	20	0.1	0	190	1
12	18	20	25	0.5	1	206	17
12	18	20	30	0.4	1	221	15
12	18	20	35	0.1	0	257	67
12	18	20	40	0.1	0	200	8
12	18	20	45	0.0	0	206	56
12	18	20	50	0.5	1	346	22
12	18	20	55	0.1	1	319	23
12	18	21	0	0.1	0	291	33
12	18	21	5	0.4	1	265	42
12	18	21	10	0.2	0	245	25
12	18	21	15	0.4	1	208	14
12	18	21	20	0.5	1	232	31
12	18	21	25	0.3	1	265	44
12	18	21	30	0.2	0	187	15
12	18	21	35	0.0	0	199	8
12	18	21	40	0.0	0	220	9
12	18	21	45	0.0	0	229	1
12	18	21	50	0.0	0	210	51
12	18	21	55	0.8	2	35	31
12	18	22	0	0.8	1	19	26
12	18	22	5	0.7	1	33	17
12	18	22	10	0.5	1	24	19
12	18	22	15	0.1	0	282	87
12	18	22	20	0.1	1	195	11
12	18	22	25	0.1	0	207	8
12	18	22	30	0.0	0	184	16
12	18	22	35	0.1	0	198	10
12	18	22	40	0.2	0	207	4
12	18	22	45	0.1	0	214	3
12	18	22	50	0.2	0	215	2
12	18	22	55	0.4	1	255	24
12	18	23	0	0.4	1	233	32
12	18	23	5	0.4	2	232	14
12	18	23	10	0.3	0	276	32
12	18	23	15	0.1	1	220	70
12	18	23	20	0.1	1	255	42
12	18	23	25	0.5	1	248	38
12	18	23	30	0.1	1	216	27
12	18	23	35	0.4	0	226	34
12	18	23	40	0.3	1	263	42
12	18	23	45	0.5	1	225	28
12	18	23	50	0.5	1	206	32
12	18	23	55	0.7	1	193	13

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	19	0	0	0.1	0	198	15
12	19	0	5	0.2	0	212	18
12	19	0	10	0.5	1	212	12
12	19	0	15	0.1	0	222	23
12	19	0	20	0.3	1	226	21
12	19	0	25	0.2	1	236	16
12	19	0	30	0.4	1	244	15
12	19	0	35	0.4	1	290	46
12	19	0	40	0.2	0	234	45
12	19	0	45	0.1	1	239	40
12	19	0	50	0.4	0	289	24
12	19	0	55	0.5	1	349	19
12	19	1	0	0.7	1	346	14
12	19	1	5	0.4	1	343	20
12	19	1	10	0.5	1	10	37
12	19	1	15	0.2	0	76	44
12	19	1	20	0.1	0	137	33
12	19	1	25	0.1	0	152	18
12	19	1	30	0.2	1	107	22
12	19	1	35	0.3	0	103	12
12	19	1	40	0.0	0	114	1
12	19	1	45	0.0	0	165	14
12	19	1	50	0.2	0	198	11
12	19	1	55	0.0	0	203	5
12	19	2	0	0.0	0	197	0
12	19	2	5	0.0	0	197	0
12	19	2	10	0.0	0	197	0
12	19	2	15	0.0	0	188	21
12	19	2	20	0.1	0	26	45
12	19	2	25	0.0	0	134	14
12	19	2	30	0.0	0	160	8
12	19	2	35	0.0	0	165	0
12	19	2	40	0.0	0	168	2
12	19	2	45	0.2	1	82	44
12	19	2	50	0.4	1	90	48
12	19	2	55	0.1	0	89	63
12	19	3	0	0.1	1	138	18
12	19	3	5	0.2	0	81	52
12	19	3	10	0.2	1	60	34
12	19	3	15	0.0	0	27	22
12	19	3	20	0.0	0	203	38
12	19	3	25	0.0	0	205	6
12	19	3	30	0.2	1	224	9
12	19	3	35	0.3	0	216	8
12	19	3	40	0.1	0	231	17
12	19	3	45	0.0	0	209	2
12	19	3	50	0.0	0	210	0
12	19	3	55	0.0	0	210	0
12	19	4	0	0.0	0	211	0
12	19	4	5	0.0	0	185	42
12	19	4	10	0.0	0	133	11
12	19	4	15	0.0	0	170	10
12	19	4	20	0.1	0	184	7
12	19	4	25	0.1	0	189	13
12	19	4	30	0.1	0	97	21
12	19	4	35	0.0	0	92	3
12	19	4	40	0.0	0	66	39
12	19	4	45	0.0	0	55	38
12	19	4	50	0.0	0	59	48
12	19	4	55	0.1	0	203	5
12	19	5	0	0.0	0	200	0
12	19	5	5	0.1	0	196	2
12	19	5	10	0.3	0	200	3
12	19	5	15	0.5	1	209	5
12	19	5	20	0.1	0	207	6
12	19	5	25	0.0	0	197	4
12	19	5	30	0.2	0	210	8
12	19	5	35	0.2	0	205	2
12	19	5	40	0.0	0	207	0
12	19	5	45	0.0	0	207	0
12	19	5	50	0.0	0	208	2
12	19	5	55	0.0	0	216	3
12	19	6	0	0.0	0	213	0
12	19	6	5	0.1	0	212	8
12	19	6	10	0.1	0	198	13
12	19	6	15	0.0	0	189	0
12	19	6	20	0.1	0	206	5
12	19	6	25	0.3	1	210	8
12	19	6	30	0.2	0	218	6
12	19	6	35	0.1	1	200	5
12	19	6	40	0.3	1	195	11
12	19	6	45	0.5	0	196	14
12	19	6	50	0.2	0	205	11
12	19	6	55	0.0	0	202	4

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	19	7	0	0.1	1	213	9
12	19	7	5	0.4	1	213	17
12	19	7	10	0.5	1	216	21
12	19	7	15	0.6	1	214	17
12	19	7	20	0.7	1	210	14
12	19	7	25	0.4	1	224	25
12	19	7	30	0.5	1	216	20
12	19	7	35	0.6	1	223	22
12	19	7	40	0.5	1	229	20
12	19	7	45	0.6	2	231	25
12	19	7	50	0.6	1	234	28
12	19	7	55	0.7	1	232	23
12	19	8	0	0.7	1	225	26
12	19	8	5	0.6	1	230	30
12	19	8	10	0.5	1	245	27
12	19	8	15	0.3	1	258	30
12	19	8	20	0.4	1	218	23
12	19	8	25	0.1	1	222	28
12	19	8	30	0.6	2	11	73
12	19	8	35	0.8	2	28	29
12	19	8	40	0.1	0	145	64
12	19	8	45	0.9	2	44	43
12	19	8	50	0.6	1	70	76
12	19	8	55	0.8	2	39	59
12	19	9	0	0.8	1	351	28
12	19	9	5	0.3	1	325	40
12	19	9	10	0.5	1	316	30
12	19	9	15	0.1	1	318	70
12	19	9	20	0.7	1	327	20
12	19	9	25	0.8	1	354	47
12	19	9	30	0.5	1	17	58
12	19	9	35	0.6	1	19	51
12	19	9	40	0.6	1	14	35
12	19	9	45	0.5	1	62	44
12	19	9	50	0.4	0	33	47
12	19	9	55	0.5	1	38	59
12	19	10	0	0.8	1	345	36
12	19	10	5	0.5	0	347	41
12	19	10	10	0.6	1	35	45
12	19	10	15	0.5	0	0	36
12	19	10	20	0.5	2	324	91
12	19	10	25	0.6	1	1	46
12	19	10	30	0.4	2	48	72
12	19	10	35	1.0	1	42	36
12	19	10	40	0.7	1	17	70
12	19	10	45	0.9	1	40	68
12	19	10	50	1.2	2	1	34
12	19	10	55	1.5	3	34	25
12	19	11	0	1.4	1	37	51
12	19	11	5	0.8	3	17	42
12	19	11	10	1.3	3	14	37
12	19	11	15	1.2	2	15	28
12	19	11	20	0.8	1	8	30
12	19	11	25	0.5	1	333	33
12	19	11	30	0.2	0	210	86
12	19	11	35	0.6	1	91	67
12	19	11	40	1.0	2	10	39
12	19	11	45	1.6	3	22	24
12	19	11	50	1.7	4	26	30
12	19	11	55	1.8	3	29	26
12	19	12	0	1.7	3	28	26
12	19	12	5	0.8	2	29	29
12	19	12	10	0.8	2	349	27
12	19	12	15	1.1	1	349	22
12	19	12	20	0.9	0	336	28
12	19	12	25	1.0	2	51	44
12	19	12	30	1.2	2	4	29
12	19	12	35	1.6	3	359	24
12	19	12	40	0.6	1	47	49
12	19	12	45	0.6	1	36	49
12	19	12	50	1.0	2	42	33
12	19	12	55	0.7	1	21	41
12	19	13	0	0.5	1	49	57
12	19	13	5	0.4	2	30	57
12	19	13	10	1.1	1	336	23
12	19	13	15	0.6	3	342	39
12	19	13	20	1.3	2	3	26
12	19	13	25	1.4	2	357	24
12	19	13	30	1.2	1	48	34
12	19	13	35	0.7	2	8	45
12	19	13	40	0.8	2	85	46
12	19	13	45	1.0	2	50	58
12	19	13	50	0.9	2	81	46
12	19	13	55	0.7	2	65	39

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	19	14	0	1.1	1	83	34
12	19	14	5	0.9	1	343	33
12	19	14	10	0.8	2	42	57
12	19	14	15	1.1	2	343	23
12	19	14	20	0.7	1	1	34
12	19	14	25	0.5	1	47	50
12	19	14	30	0.5	1	13	50
12	19	14	35	0.2	0	287	41
12	19	14	40	0.1	1	330	53
12	19	14	45	0.5	1	24	64
12	19	14	50	0.8	2	27	35
12	19	14	55	1.0	2	21	20
12	19	15	0	0.7	2	326	60
12	19	15	5	0.6	1	315	32
12	19	15	10	0.6	1	334	19
12	19	15	15	0.3	0	298	48
12	19	15	20	0.1	1	189	51
12	19	15	25	0.6	1	62	35
12	19	15	30	0.4	1	72	42
12	19	15	35	0.6	2	57	55
12	19	15	40	0.4	1	16	60
12	19	15	45	0.7	1	337	22
12	19	15	50	0.9	1	354	27
12	19	15	55	0.8	1	62	40
12	19	16	0	0.7	1	58	42
12	19	16	5	0.3	2	25	48
12	19	16	10	0.3	0	355	101
12	19	16	15	0.5	1	346	29
12	19	16	20	0.4	1	338	36
12	19	16	25	0.6	2	94	66
12	19	16	30	0.4	0	96	55
12	19	16	35	0.3	1	201	19
12	19	16	40	0.3	0	202	30
12	19	16	45	0.5	1	28	76
12	19	16	50	0.5	1	21	30
12	19	16	55	0.2	1	94	71
12	19	17	0	0.3	1	76	40
12	19	17	5	0.4	2	355	29
12	19	17	10	1.2	2	348	24
12	19	17	15	0.4	0	42	41
12	19	17	20	0.1	0	195	68
12	19	17	25	0.5	1	58	47
12	19	17	30	0.6	0	33	39
12	19	17	35	0.6	1	51	42
12	19	17	40	0.4	1	80	50
12	19	17	45	0.6	1	22	52
12	19	17	50	0.6	3	348	36
12	19	17	55	1.3	3	59	40
12	19	18	0	1.4	2	80	38
12	19	18	5	0.7	1	83	65
12	19	18	10	0.7	2	135	65
12	19	18	15	0.8	2	104	53
12	19	18	20	0.7	4	78	78
12	19	18	25	1.2	1	79	32
12	19	18	30	1.0	2	56	43
12	19	18	35	0.1	0	85	94
12	19	18	40	0.2	0	207	72
12	19	18	45	0.7	2	4	67
12	19	18	50	0.7	1	345	47
12	19	18	55	0.8	2	262	40
12	19	19	0	0.3	0	330	62
12	19	19	5	0.8	1	18	51
12	19	19	10	0.4	2	116	83
12	19	19	15	0.7	1	19	86
12	19	19	20	0.7	2	314	53
12	19	19	25	0.3	2	50	41
12	19	19	30	0.3	0	33	79
12	19	19	35	0.7	3	355	90
12	19	19	40	1.3	3	0	53
12	19	19	45	1.1	1	351	44
12	19	19	50	1.0	2	335	40
12	19	19	55	1.4	3	344	44
12	19	20	0	1.7	3	344	48
12	19	20	5	1.8	4	352	38
12	19	20	10	1.6	5	322	47
12	19	20	15	1.4	2	340	41
12	19	20	20	2.2	5	341	23
12	19	20	25	1.7	2	7	42
12	19	20	30	1.3	3	28	56
12	19	20	35	1.0	2	337	38
12	19	20	40	1.0	0	350	48
12	19	20	45	0.8	3	359	43
12	19	20	50	1.5	4	331	37
12	19	20	55	0.6	1	54	71

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	19	21	0	0.8	3	67	61
12	19	21	5	0.7	2	3	44
12	19	21	10	0.8	1	322	40
12	19	21	15	0.4	2	249	37
12	19	21	20	0.6	1	275	31
12	19	21	25	0.2	1	227	35
12	19	21	30	0.2	1	159	32
12	19	21	35	0.6	1	187	39
12	19	21	40	0.7	2	312	93
12	19	21	45	0.5	1	275	64
12	19	21	50	0.3	1	177	61
12	19	21	55	0.5	1	237	80
12	19	22	0	1.0	4	314	52
12	19	22	5	0.9	2	9	51
12	19	22	10	1.2	3	72	77
12	19	22	15	0.7	2	67	63
12	19	22	20	1.3	3	102	54
12	19	22	25	1.0	2	85	70
12	19	22	30	1.0	2	344	48
12	19	22	35	0.7	1	69	79
12	19	22	40	0.9	3	95	67
12	19	22	45	1.2	3	90	43
12	19	22	50	1.1	2	100	39
12	19	22	55	1.7	4	55	48
12	19	23	0	1.2	3	101	52
12	19	23	5	1.4	3	21	67
12	19	23	10	1.0	3	19	79
12	19	23	15	1.0	3	42	82
12	19	23	20	1.1	2	39	55
12	19	23	25	1.0	2	17	38
12	19	23	30	0.8	3	69	85
12	19	23	35	1.0	2	352	57
12	19	23	40	1.2	2	40	49
12	19	23	45	0.7	2	46	48
12	19	23	50	0.7	2	40	94
12	19	23	55	0.5	1	338	72
12	20	0	0	0.6	3	56	78
12	20	0	5	0.4	1	344	70
12	20	0	10	0.9	0	323	58
12	20	0	15	1.2	4	18	83
12	20	0	20	1.6	2	0	38
12	20	0	25	1.2	3	8	54
12	20	0	30	0.9	2	246	80
12	20	0	35	0.5	0	172	93
12	20	0	40	1.3	4	108	78
12	20	0	45	0.5	0	72	68
12	20	0	50	0.3	1	306	69
12	20	0	55	0.5	0	74	59
12	20	1	0	0.9	2	188	64
12	20	1	5	0.9	3	87	79
12	20	1	10	1.5	3	359	45
12	20	1	15	0.8	1	56	62
12	20	1	20	1.4	4	7	43
12	20	1	25	1.1	1	0	38
12	20	1	30	0.7	2	74	66
12	20	1	35	1.2	2	61	60
12	20	1	40	0.2	0	216	96
12	20	1	45	0.3	2	318	92
12	20	1	50	0.9	1	106	61
12	20	1	55	0.5	2	186	73
12	20	2	0	1.4	3	296	52
12	20	2	5	1.2	2	334	40
12	20	2	10	1.1	1	297	48
12	20	2	15	0.6	1	21	51
12	20	2	20	0.4	2	267	91
12	20	2	25	1.0	2	192	58
12	20	2	30	1.2	1	211	22
12	20	2	35	1.2	2	241	37
12	20	2	40	1.3	4	230	28
12	20	2	45	1.1	1	228	28
12	20	2	50	1.0	2	210	27
12	20	2	55	0.8	1	239	43
12	20	3	0	0.9	2	238	36
12	20	3	5	1.2	2	243	35
12	20	3	10	1.0	1	264	75
12	20	3	15	0.7	1	347	83
12	20	3	20	1.5	3	226	30
12	20	3	25	1.7	3	230	49
12	20	3	30	1.2	2	250	58
12	20	3	35	1.2	2	249	48
12	20	3	40	0.6	2	249	67
12	20	3	45	0.4	0	132	77
12	20	3	50	0.4	0	116	77
12	20	3	55	0.8	2	207	40



DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	20	4	0	0.8	1	253	29
12	20	4	5	0.7	1	242	60
12	20	4	10	1.2	4	55	77
12	20	4	15	0.9	2	39	71
12	20	4	20	0.8	2	41	52
12	20	4	25	1.1	2	269	70
12	20	4	30	1.2	2	276	59
12	20	4	35	0.6	2	264	91
12	20	4	40	0.6	2	183	75
12	20	4	45	1.1	1	207	17
12	20	4	50	0.5	1	56	69
12	20	4	55	0.6	1	146	42
12	20	5	0	0.2	0	214	88
12	20	5	5	0.7	3	187	87
12	20	5	10	0.9	2	357	28
12	20	5	15	0.7	2	123	88
12	20	5	20	1.3	1	234	54
12	20	5	25	0.5	1	232	69
12	20	5	30	0.5	1	264	64
12	20	5	35	1.0	1	359	64
12	20	5	40	1.4	2	35	56
12	20	5	45	1.0	4	35	61
12	20	5	50	0.8	1	244	96
12	20	5	55	0.4	0	204	43
12	20	6	0	0.4	1	8	90
12	20	6	5	0.6	1	3	63
12	20	6	10	0.9	1	257	79
12	20	6	15	0.5	1	235	81
12	20	6	20	1.1	2	246	27
12	20	6	25	1.8	4	242	27
12	20	6	30	1.1	1	216	80
12	20	6	35	1.0	3	24	76
12	20	6	40	0.7	2	30	75
12	20	6	45	0.3	1	161	79
12	20	6	50	0.3	1	223	76
12	20	6	55	0.5	1	222	22
12	20	7	0	0.8	2	260	28
12	20	7	5	0.4	1	287	34
12	20	7	10	0.3	1	273	66
12	20	7	15	0.8	2	192	27
12	20	7	20	0.6	1	230	27
12	20	7	25	0.3	1	326	32
12	20	7	30	0.2	0	303	74
12	20	7	35	0.0	1	201	67
12	20	7	40	0.2	1	331	76
12	20	7	45	0.1	1	329	79
12	20	7	50	0.7	2	336	26
12	20	7	55	0.9	2	347	33
12	20	8	0	1.1	2	340	24
12	20	8	5	0.8	0	11	29
12	20	8	10	0.2	0	67	83
12	20	8	15	0.3	1	175	34
12	20	8	20	0.3	0	129	10
12	20	8	25	0.0	0	170	18
12	20	8	30	0.0	0	178	15
12	20	8	35	0.1	0	181	6
12	20	8	40	0.0	0	135	27
12	20	8	45	0.1	0	71	24
12	20	8	50	0.1	0	358	44
12	20	8	55	0.0	1	243	46
12	20	9	0	0.2	1	86	61
12	20	9	5	0.5	1	344	28
12	20	9	10	0.3	1	334	58
12	20	9	15	0.7	1	280	62
12	20	9	20	0.3	1	232	68
12	20	9	25	0.7	2	247	97
12	20	9	30	0.6	1	131	83
12	20	9	35	0.7	1	251	81
12	20	9	40	0.6	1	195	59
12	20	9	45	0.8	3	318	91
12	20	9	50	0.7	3	55	61
12	20	9	55	1.3	1	21	58
12	20	10	0	0.7	1	19	50
12	20	10	5	0.6	1	335	42
12	20	10	10	0.4	2	346	72
12	20	10	15	1.0	1	254	35
12	20	10	20	0.8	1	277	68
12	20	10	25	0.8	2	340	44
12	20	10	30	0.7	1	341	32
12	20	10	35	1.1	3	343	47
12	20	10	40	1.0	1	2	38
12	20	10	45	0.6	0	346	72
12	20	10	50	0.2	1	74	81
12	20	10	55	0.6	1	309	60

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	20	11	0	1.0	2	341	36
12	20	11	5	0.8	2	341	61
12	20	11	10	1.0	1	313	41
12	20	11	15	0.8	2	359	34
12	20	11	20	0.9	2	353	27
12	20	11	25	0.9	2	359	29
12	20	11	30	1.2	2	346	18
12	20	11	35	0.9	1	348	28
12	20	11	40	0.5	1	319	43
12	20	11	45	0.9	1	333	45
12	20	11	50	1.2	2	312	36
12	20	11	55	0.7	0	318	48
12	20	12	0	0.7	2	238	52
12	20	12	5	0.9	2	207	32
12	20	12	10	0.7	1	240	45
12	20	12	15	0.9	1	265	46
12	20	12	20	0.8	2	276	54
12	20	12	25	1.0	2	263	36
12	20	12	30	0.9	3	339	44
12	20	12	35	0.8	2	325	45
12	20	12	40	0.9	1	353	51
12	20	12	45	0.2	1	341	71
12	20	12	50	0.5	1	264	52
12	20	12	55	1.6	3	265	32
12	20	13	0	1.3	3	259	54
12	20	13	5	1.4	3	232	40
12	20	13	10	1.1	2	264	48
12	20	13	15	1.5	2	268	47
12	20	13	20	1.1	3	251	45
12	20	13	25	1.0	1	235	40
12	20	13	30	0.9	1	235	50
12	20	13	35	0.6	1	231	66
12	20	13	40	0.8	1	235	59
12	20	13	45	0.4	1	196	58
12	20	13	50	0.6	2	226	50
12	20	13	55	1.3	2	230	36
12	20	14	0	0.9	3	228	32
12	20	14	5	1.4	3	278	46
12	20	14	10	1.3	3	228	51
12	20	14	15	1.5	4	235	28
12	20	14	20	1.2	2	256	51
12	20	14	25	0.7	1	225	38
12	20	14	30	1.5	4	220	29
12	20	14	35	1.2	2	247	34
12	20	14	40	1.0	2	238	36
12	20	14	45	1.1	2	226	34
12	20	14	50	0.8	1	246	48
12	20	14	55	0.5	2	315	55
12	20	15	0	0.6	1	224	32
12	20	15	5	1.0	1	225	28
12	20	15	10	0.3	1	337	62
12	20	15	15	0.9	2	324	51
12	20	15	20	1.4	3	298	45
12	20	15	25	0.8	2	308	37
12	20	15	30	0.7	2	337	62
12	20	15	35	0.6	1	339	25
12	20	15	40	0.6	1	358	27
12	20	15	45	0.4	1	86	33
12	20	15	50	0.3	0	82	30
12	20	15	55	0.0	0	98	99
12	20	16	0	0.2	0	112	46
12	20	16	5	0.1	0	126	21
12	20	16	10	0.1	1	155	37
12	20	16	15	0.3	1	256	52
12	20	16	20	0.5	1	349	30
12	20	16	25	0.4	1	342	30
12	20	16	30	0.6	1	305	35
12	20	16	35	0.5	1	14	75
12	20	16	40	0.5	1	4	31
12	20	16	45	1.0	2	349	23
12	20	16	50	0.4	0	323	48
12	20	16	55	0.6	0	220	44
12	20	17	0	0.6	2	312	47
12	20	17	5	0.8	2	300	64
12	20	17	10	0.6	1	297	73
12	20	17	15	1.0	3	42	44
12	20	17	20	0.9	3	352	38
12	20	17	25	1.3	1	340	42
12	20	17	30	0.6	2	295	77
12	20	17	35	0.7	1	348	44
12	20	17	40	0.9	2	277	45
12	20	17	45	0.7	1	320	28
12	20	17	50	1.0	2	347	24
12	20	17	55	0.5	3	353	31

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	20	18	0	1.2	2	350	24
12	20	18	5	1.0	1	1	27
12	20	18	10	1.0	2	45	45
12	20	18	15	0.9	1	16	42
12	20	18	20	0.8	1	63	44
12	20	18	25	0.6	1	85	38
12	20	18	30	1.0	2	17	42
12	20	18	35	0.6	2	342	31
12	20	18	40	1.1	2	357	29
12	20	18	45	0.7	2	17	56
12	20	18	50	0.5	1	290	54
12	20	18	55	0.5	1	352	30
12	20	19	0	0.3	1	279	62
12	20	19	5	0.6	1	247	28
12	20	19	10	0.8	1	249	31
12	20	19	15	1.1	1	258	27
12	20	19	20	0.9	2	250	37
12	20	19	25	0.8	1	277	51
12	20	19	30	0.4	0	248	54
12	20	19	35	0.9	2	254	31
12	20	19	40	0.7	1	256	54
12	20	19	45	0.1	0	112	100
12	20	19	50	0.1	1	71	73
12	20	19	55	0.4	0	215	56
12	20	20	0	0.6	1	326	31
12	20	20	5	0.9	2	271	32
12	20	20	10	0.8	0	287	59
12	20	20	15	0.4	1	277	74
12	20	20	20	0.6	1	303	41
12	20	20	25	0.8	1	334	47
12	20	20	30	0.6	1	319	38
12	20	20	35	0.1	1	341	78
12	20	20	40	0.7	0	345	20
12	20	20	45	0.3	1	12	33
12	20	20	50	0.4	1	344	38
12	20	20	55	0.8	1	348	33
12	20	21	0	0.4	0	49	60
12	20	21	5	0.1	1	264	70
12	20	21	10	1.1	1	339	33
12	20	21	15	0.7	2	26	43
12	20	21	20	0.5	1	37	53
12	20	21	25	0.1	0	34	47
12	20	21	30	0.4	1	183	47
12	20	21	35	0.3	1	336	41
12	20	21	40	0.2	0	261	55
12	20	21	45	0.4	1	338	29
12	20	21	50	0.2	0	207	25
12	20	21	55	0.1	0	245	51
12	20	22	0	0.8	1	234	31
12	20	22	5	0.3	0	235	36
12	20	22	10	0.2	1	82	72
12	20	22	15	0.5	1	45	39
12	20	22	20	0.9	2	6	30
12	20	22	25	0.9	2	322	35
12	20	22	30	0.3	1	245	47
12	20	22	35	0.3	1	356	49
12	20	22	40	0.5	1	56	46
12	20	22	45	0.2	0	109	29
12	20	22	50	0.0	1	135	36
12	20	22	55	0.0	0	220	50
12	20	23	0	0.4	1	324	36
12	20	23	5	0.2	1	184	26
12	20	23	10	0.1	0	278	42
12	20	23	15	0.4	2	298	76
12	20	23	20	0.4	1	59	68
12	20	23	25	0.6	1	258	28
12	20	23	30	0.8	1	210	33
12	20	23	35	0.7	2	215	43
12	20	23	40	1.1	1	192	32
12	20	23	45	0.7	1	186	14
12	20	23	50	0.4	2	335	54
12	20	23	55	0.7	2	206	57
12	21	0	0	1.1	2	230	33
12	21	0	5	1.2	2	219	27
12	21	0	10	1.3	1	216	59
12	21	0	15	0.6	1	278	57
12	21	0	20	0.7	2	68	68
12	21	0	25	0.9	1	24	70
12	21	0	30	0.6	1	230	64
12	21	0	35	0.8	1	248	58
12	21	0	40	0.6	1	228	28
12	21	0	45	0.2	0	313	72
12	21	0	50	0.5	1	191	69
12	21	0	55	0.3	0	247	72

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	21	1	0	0.4	1	149	47
12	21	1	5	0.7	1	234	46
12	21	1	10	0.9	2	226	42
12	21	1	15	0.3	0	142	85
12	21	1	20	0.0	0	153	70
12	21	1	25	0.1	0	181	12
12	21	1	30	0.0	0	102	66
12	21	1	35	0.0	0	45	54
12	21	1	40	0.2	1	223	83
12	21	1	45	0.3	1	310	75
12	21	1	50	0.1	0	211	26
12	21	1	55	0.0	0	5	51
12	21	2	0	0.6	1	1	24
12	21	2	5	0.3	0	207	65
12	21	2	10	0.2	1	187	4
12	21	2	15	0.0	0	293	73
12	21	2	20	0.0	1	299	26
12	21	2	25	0.1	0	259	57
12	21	2	30	0.2	0	348	60
12	21	2	35	0.6	1	268	51
12	21	2	40	0.4	1	286	69
12	21	2	45	0.3	0	346	90
12	21	2	50	0.2	1	356	70
12	21	2	55	0.5	1	269	60
12	21	3	0	0.5	0	265	68
12	21	3	5	0.5	1	331	80
12	21	3	10	0.9	1	253	46
12	21	3	15	0.8	0	251	41
12	21	3	20	0.3	1	262	52
12	21	3	25	0.8	0	227	47
12	21	3	30	0.4	2	256	75
12	21	3	35	0.6	1	246	55
12	21	3	40	0.7	2	239	38
12	21	3	45	1.0	1	251	34
12	21	3	50	0.9	1	235	38
12	21	3	55	1.1	3	260	38
12	21	4	0	0.6	2	251	73
12	21	4	5	1.3	3	250	24
12	21	4	10	1.0	1	267	47
12	21	4	15	1.0	2	249	62
12	21	4	20	0.4	1	282	52
12	21	4	25	0.2	0	37	84
12	21	4	30	0.5	2	277	73
12	21	4	35	0.6	1	247	42
12	21	4	40	0.7	1	256	33
12	21	4	45	0.7	1	248	46
12	21	4	50	0.6	1	346	71
12	21	4	55	0.2	0	266	58
12	21	5	0	0.4	2	235	67
12	21	5	5	0.8	2	272	57
12	21	5	10	0.9	1	284	37
12	21	5	15	0.5	1	237	42
12	21	5	20	0.6	0	277	52
12	21	5	25	0.6	1	1	26
12	21	5	30	0.3	1	3	25
12	21	5	35	0.8	1	343	21
12	21	5	40	0.6	1	317	68
12	21	5	45	0.6	2	345	25
12	21	5	50	0.5	0	343	73
12	21	5	55	0.5	2	344	40
12	21	6	0	0.3	2	342	48
12	21	6	5	0.9	1	349	30
12	21	6	10	0.7	1	328	34
12	21	6	15	0.8	1	297	26
12	21	6	20	0.6	0	330	39
12	21	6	25	0.0	0	69	95
12	21	6	30	0.8	3	343	28
12	21	6	35	0.9	1	345	25
12	21	6	40	0.4	0	355	38
12	21	6	45	0.1	1	296	78
12	21	6	50	0.9	2	235	49
12	21	6	55	0.6	1	215	24
12	21	7	0	0.3	0	229	41
12	21	7	5	0.1	0	206	26
12	21	7	10	0.3	0	298	31
12	21	7	15	0.2	1	246	34
12	21	7	20	0.3	1	273	26
12	21	7	25	0.1	1	8	83
12	21	7	30	0.6	1	334	22
12	21	7	35	0.8	1	337	22
12	21	7	40	0.5	1	4	35
12	21	7	45	0.6	2	339	27
12	21	7	50	0.5	1	340	31
12	21	7	55	0.7	1	347	27

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	21	8	0	0.6	1	336	24
12	21	8	5	0.8	1	6	24
12	21	8	10	0.3	1	331	52
12	21	8	15	0.7	1	7	32
12	21	8	20	0.6	1	3	24
12	21	8	25	0.7	1	352	27
12	21	8	30	0.6	1	348	30
12	21	8	35	0.3	1	333	56
12	21	8	40	0.4	1	248	65
12	21	8	45	0.8	1	340	40
12	21	8	50	1.1	1	348	33
12	21	8	55	1.3	1	356	31
12	21	9	0	0.8	1	344	33
12	21	9	5	1.1	1	331	48
12	21	9	10	0.4	1	347	89
12	21	9	15	0.8	2	346	40
12	21	9	20	0.6	3	0	29
12	21	9	25	1.1	2	0	31
12	21	9	30	1.1	2	344	30
12	21	9	35	0.8	2	341	43
12	21	9	40	0.8	3	315	76
12	21	9	45	1.2	2	0	24
12	21	9	50	1.0	1	336	62
12	21	9	55	0.9	1	320	29
12	21	10	0	1.0	1	353	33
12	21	10	5	1.0	1	0	38
12	21	10	10	0.8	1	317	62
12	21	10	15	1.1	3	335	54
12	21	10	20	1.0	2	1	35
12	21	10	25	1.2	2	2	58
12	21	10	30	0.5	1	22	72
12	21	10	35	0.8	2	13	43
12	21	10	40	0.8	2	225	72
12	21	10	45	0.8	1	314	49
12	21	10	50	0.9	2	7	51
12	21	10	55	1.4	2	357	27
12	21	11	0	1.3	3	23	32
12	21	11	5	0.9	2	22	51
12	21	11	10	1.3	2	32	40
12	21	11	15	1.4	2	34	36
12	21	11	20	0.8	1	12	55
12	21	11	25	1.1	2	221	58
12	21	11	30	1.0	2	13	50
12	21	11	35	1.1	1	313	66
12	21	11	40	0.6	1	16	63
12	21	11	45	0.8	1	335	72
12	21	11	50	1.3	1	353	54
12	21	11	55	0.5	2	324	92
12	21	12	0	0.9	3	255	70
12	21	12	5	0.9	2	295	72
12	21	12	10	1.1	5	352	79
12	21	12	15	0.8	1	353	66
12	21	12	20	0.5	1	356	68
12	21	12	25	0.6	1	263	68
12	21	12	30	0.6	1	330	76
12	21	12	35	0.8	1	345	93
12	21	12	40	0.8	1	262	90
12	21	12	45	0.7	1	5	44
12	21	12	50	0.9	2	271	75
12	21	12	55	0.9	0	263	56
12	21	13	0	0.9	3	295	62
12	21	13	5	1.3	2	247	30
12	21	13	10	0.8	1	277	71
12	21	13	15	0.9	2	291	50
12	21	13	20	1.0	1	352	41
12	21	13	25	0.4	1	303	73
12	21	13	30	1.0	3	343	39
12	21	13	35	0.9	2	316	54
12	21	13	40	0.7	2	253	54
12	21	13	45	1.2	2	242	39
12	21	13	50	2.0	3	238	24
12	21	13	55	1.4	3	228	28
12	21	14	0	1.4	3	217	27
12	21	14	5	1.5	3	220	28
12	21	14	10	1.6	3	227	29
12	21	14	15	1.3	2	229	26
12	21	14	20	1.3	3	224	27
12	21	14	25	1.4	2	226	34
12	21	14	30	1.4	3	221	24
12	21	14	35	1.1	2	217	26
12	21	14	40	1.1	2	231	38
12	21	14	45	1.4	2	225	28
12	21	14	50	1.5	2	220	23
12	21	14	55	1.4	2	215	28

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	21	15	0	1.3	2	226	26
12	21	15	5	0.8	1	247	61
12	21	15	10	0.5	1	290	49
12	21	15	15	1.2	3	228	38
12	21	15	20	0.8	1	251	65
12	21	15	25	0.8	3	330	54
12	21	15	30	1.1	3	342	34
12	21	15	35	1.1	2	346	33
12	21	15	40	0.8	2	308	64
12	21	15	45	1.0	2	293	75
12	21	15	50	0.9	2	254	43
12	21	15	55	0.7	1	285	59
12	21	16	0	0.5	3	246	44
12	21	16	5	1.0	1	263	50
12	21	16	10	0.7	2	274	72
12	21	16	15	1.5	4	237	31
12	21	16	20	1.8	3	242	37
12	21	16	25	1.2	3	236	39
12	21	16	30	0.8	1	219	44
12	21	16	35	1.1	3	243	40
12	21	16	40	0.5	1	238	58
12	21	16	45	0.9	1	226	28
12	21	16	50	0.8	0	265	35
12	21	16	55	0.9	1	257	24
12	21	17	0	0.7	2	282	51
12	21	17	5	0.9	1	265	27
12	21	17	10	1.0	1	312	35
12	21	17	15	1.2	2	258	37
12	21	17	20	1.2	3	263	30
12	21	17	25	1.1	2	249	31
12	21	17	30	0.8	1	257	45
12	21	17	35	0.8	1	258	31
12	21	17	40	0.9	1	266	42
12	21	17	45	0.6	2	238	35
12	21	17	50	0.8	1	236	30
12	21	17	55	1.4	4	237	27
12	21	18	0	1.3	2	251	32
12	21	18	5	0.9	1	248	47
12	21	18	10	0.6	1	259	32
12	21	18	15	0.7	1	225	41
12	21	18	20	0.4	1	310	57
12	21	18	25	0.6	1	278	38
12	21	18	30	0.4	1	225	40
12	21	18	35	0.4	1	210	22
12	21	18	40	0.7	1	210	15
12	21	18	45	0.6	1	216	23
12	21	18	50	0.9	2	210	20
12	21	18	55	0.4	0	239	39
12	21	19	0	0.4	1	275	58
12	21	19	5	0.6	2	269	53
12	21	19	10	1.0	1	255	33
12	21	19	15	0.9	2	227	34
12	21	19	20	0.7	0	258	37
12	21	19	25	0.6	1	248	57
12	21	19	30	0.4	1	258	55
12	21	19	35	0.8	1	243	39
12	21	19	40	0.6	1	222	29
12	21	19	45	0.7	1	251	33
12	21	19	50	0.8	1	244	55
12	21	19	55	0.8	2	266	31
12	21	20	0	0.7	1	225	38
12	21	20	5	0.6	1	242	39
12	21	20	10	0.5	1	236	45
12	21	20	15	0.8	1	272	30
12	21	20	20	0.8	1	258	24
12	21	20	25	0.9	1	228	25
12	21	20	30	0.6	1	244	26
12	21	20	35	0.1	0	141	70
12	21	20	40	0.3	0	298	53
12	21	20	45	0.6	2	319	48
12	21	20	50	0.7	1	351	36
12	21	20	55	0.2	1	325	36
12	21	21	0	0.8	1	260	39
12	21	21	5	0.4	1	326	56
12	21	21	10	0.4	1	310	55
12	21	21	15	0.0	0	138	50
12	21	21	20	0.4	0	349	46
12	21	21	25	0.4	1	294	28
12	21	21	30	0.7	1	267	38
12	21	21	35	0.9	2	264	25
12	21	21	40	1.0	2	265	31
12	21	21	45	0.9	2	281	55
12	21	21	50	1.1	3	255	34
12	21	21	55	0.5	0	258	37

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	21	22	0	0.4	2	250	31
12	21	22	5	0.8	1	250	37
12	21	22	10	0.3	0	233	63
12	21	22	15	0.6	1	264	42
12	21	22	20	0.7	2	261	44
12	21	22	25	0.7	2	245	23
12	21	22	30	0.8	1	240	23
12	21	22	35	1.0	1	252	35
12	21	22	40	0.7	1	222	33
12	21	22	45	0.7	2	234	25
12	21	22	50	0.8	1	237	22
12	21	22	55	0.7	0	223	18
12	21	23	0	0.3	0	272	30
12	21	23	5	0.3	1	244	32
12	21	23	10	0.2	1	354	56
12	21	23	15	0.2	0	219	52
12	21	23	20	0.4	1	235	26
12	21	23	25	0.5	1	229	23
12	21	23	30	0.5	1	241	16
12	21	23	35	0.3	0	237	37
12	21	23	40	0.1	0	210	19
12	21	23	45	0.1	0	197	19
12	21	23	50	0.6	1	224	16
12	21	23	55	0.7	2	224	21
12	22	0	0	0.6	1	224	25
12	22	0	5	0.4	1	204	21
12	22	0	10	0.4	1	237	21
12	22	0	15	0.5	1	235	21
12	22	0	20	0.5	1	230	25
12	22	0	25	0.7	1	212	15
12	22	0	30	0.5	1	235	26
12	22	0	35	0.6	1	221	20
12	22	0	40	0.5	0	239	27
12	22	0	45	0.5	1	240	19
12	22	0	50	0.6	2	223	21
12	22	0	55	0.9	1	246	30
12	22	1	0	0.7	1	236	39
12	22	1	5	0.6	2	260	32
12	22	1	10	0.9	1	280	54
12	22	1	15	0.5	0	266	74
12	22	1	20	0.4	1	270	81
12	22	1	25	0.2	1	276	83
12	22	1	30	0.4	1	267	37
12	22	1	35	0.2	1	191	78
12	22	1	40	0.2	0	226	72
12	22	1	45	0.2	1	227	74
12	22	1	50	0.2	1	141	74
12	22	1	55	0.2	1	64	64
12	22	2	0	0.1	0	82	68
12	22	2	5	0.3	1	5	55
12	22	2	10	0.6	1	358	28
12	22	2	15	0.4	2	283	72
12	22	2	20	0.7	0	263	33
12	22	2	25	0.8	2	271	49
12	22	2	30	0.7	1	241	24
12	22	2	35	0.7	1	247	29
12	22	2	40	0.5	2	275	33
12	22	2	45	0.6	1	253	46
12	22	2	50	0.5	1	274	46
12	22	2	55	0.2	0	292	59
12	22	3	0	0.2	1	290	32
12	22	3	5	0.5	1	256	29
12	22	3	10	0.3	1	341	22
12	22	3	15	0.6	1	349	26
12	22	3	20	0.9	2	356	26
12	22	3	25	1.0	2	2	27
12	22	3	30	0.8	1	345	50
12	22	3	35	1.2	1	5	38
12	22	3	40	0.9	2	25	35
12	22	3	45	0.8	2	337	25
12	22	3	50	1.3	3	353	21
12	22	3	55	1.2	2	353	28
12	22	4	0	1.5	2	352	18
12	22	4	5	1.5	2	350	16
12	22	4	10	1.2	2	339	21
12	22	4	15	1.1	1	346	21
12	22	4	20	0.7	1	343	22
12	22	4	25	1.2	2	338	24
12	22	4	30	1.4	2	345	22
12	22	4	35	0.8	1	20	30
12	22	4	40	0.5	1	11	41
12	22	4	45	0.5	1	15	49
12	22	4	50	0.4	1	357	42
12	22	4	55	0.7	1	346	31

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	22	5	0	0.3	1	357	55
12	22	5	5	1.1	3	243	30
12	22	5	10	1.1	2	242	35
12	22	5	15	0.9	1	291	41
12	22	5	20	0.8	2	307	56
12	22	5	25	0.4	1	280	52
12	22	5	30	0.6	1	249	37
12	22	5	35	0.6	1	264	49
12	22	5	40	0.1	0	317	58
12	22	5	45	0.3	0	0	21
12	22	5	50	0.2	0	314	56
12	22	5	55	0.3	2	315	29
12	22	6	0	0.7	1	254	56
12	22	6	5	0.4	1	243	47
12	22	6	10	0.7	1	269	44
12	22	6	15	0.4	1	292	42
12	22	6	20	0.8	2	294	60
12	22	6	25	0.8	1	274	32
12	22	6	30	0.8	1	266	43
12	22	6	35	0.8	1	255	35
12	22	6	40	0.7	2	259	31
12	22	6	45	0.6	1	239	37
12	22	6	50	0.6	1	310	52
12	22	6	55	0.6	1	263	39
12	22	7	0	0.5	1	263	35
12	22	7	5	0.5	1	240	62
12	22	7	10	0.6	1	255	30
12	22	7	15	0.8	1	264	30
12	22	7	20	0.8	2	245	39
12	22	7	25	0.8	3	236	32
12	22	7	30	0.6	1	273	50
12	22	7	35	0.9	2	264	34
12	22	7	40	1.2	3	237	28
12	22	7	45	1.1	1	237	32
12	22	7	50	1.2	3	247	43
12	22	7	55	1.3	3	223	29
12	22	8	0	1.3	2	265	45
12	22	8	5	1.2	2	242	40
12	22	8	10	1.3	2	274	50
12	22	8	15	0.7	1	232	43
12	22	8	20	0.5	1	222	60
12	22	8	25	1.1	2	243	33
12	22	8	30	0.9	1	256	55
12	22	8	35	0.8	2	249	37
12	22	8	40	1.2	1	278	31
12	22	8	45	0.8	1	278	52
12	22	8	50	1.1	2	255	52
12	22	8	55	1.1	3	244	53
12	22	9	0	0.8	2	281	70
12	22	9	5	0.9	2	257	42
12	22	9	10	1.0	1	285	48
12	22	9	15	0.7	2	276	44
12	22	9	20	0.6	0	335	70
12	22	9	25	0.6	2	326	50
12	22	9	30	0.3	2	330	73
12	22	9	35	0.7	2	324	55
12	22	9	40	0.4	2	273	75
12	22	9	45	1.1	1	297	48
12	22	9	50	1.1	2	300	63
12	22	9	55	1.3	2	329	51
12	22	10	0	1.0	1	335	41
12	22	10	5	0.8	1	271	58
12	22	10	10	1.0	2	4	53
12	22	10	15	0.9	1	310	80
12	22	10	20	0.7	2	337	52
12	22	10	25	0.9	2	333	56
12	22	10	30	1.1	2	311	48
12	22	10	35	1.4	2	318	47
12	22	10	40	0.7	1	346	67
12	22	10	45	0.7	3	321	79
12	22	10	50	1.2	2	315	44
12	22	10	55	1.2	2	276	51
12	22	11	0	1.0	1	276	46
12	22	11	5	0.9	3	301	43
12	22	11	10	1.1	2	248	56
12	22	11	15	1.1	3	347	34
12	22	11	20	1.3	2	353	29
12	22	11	25	1.5	2	348	25
12	22	11	30	1.6	4	12	28
12	22	11	35	1.5	3	352	24
12	22	11	40	1.5	2	342	27
12	22	11	45	1.7	3	353	23
12	22	11	50	1.7	3	338	25
12	22	11	55	1.0	2	299	64

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	22	12	0	1.4	2	343	48
12	22	12	5	1.3	2	322	55
12	22	12	10	1.2	3	339	33
12	22	12	15	1.4	3	342	37
12	22	12	20	0.6	1	303	65
12	22	12	25	1.1	2	323	49
12	22	12	30	0.9	3	315	68
12	22	12	35	0.7	0	299	65
12	22	12	40	0.8	3	353	45
12	22	12	45	1.0	1	356	40
12	22	12	50	1.4	2	350	34
12	22	12	55	0.7	2	339	47
12	22	13	0	1.1	3	347	34
12	22	13	5	1.8	2	346	24
12	22	13	10	0.7	1	314	85
12	22	13	15	0.8	3	358	64
12	22	13	20	1.4	3	349	21
12	22	13	25	1.9	2	4	25
12	22	13	30	0.8	3	347	39
12	22	13	35	1.5	1	5	40
12	22	13	40	1.3	2	5	29
12	22	13	45	1.4	2	354	27
12	22	13	50	1.4	3	354	29
12	22	13	55	0.9	2	359	38
12	22	14	0	1.2	2	352	44
12	22	14	5	1.4	2	6	33
12	22	14	10	1.2	2	341	21
12	22	14	15	1.5	2	350	28
12	22	14	20	1.1	3	353	44
12	22	14	25	1.7	2	359	27
12	22	14	30	1.8	3	359	24
12	22	14	35	1.7	2	348	38
12	22	14	40	1.1	2	337	44
12	22	14	45	1.4	2	340	38
12	22	14	50	0.8	2	318	68
12	22	14	55	1.6	3	334	40
12	22	15	0	1.3	2	340	44
12	22	15	5	1.5	3	338	36
12	22	15	10	0.7	2	326	56
12	22	15	15	1.1	3	264	55
12	22	15	20	1.2	2	305	44
12	22	15	25	1.0	3	319	65
12	22	15	30	1.6	3	349	28
12	22	15	35	0.7	2	326	52
12	22	15	40	1.0	1	259	55
12	22	15	45	0.8	2	279	46
12	22	15	50	1.1	1	224	55
12	22	15	55	0.5	1	197	86
12	22	16	0	0.5	1	255	48
12	22	16	5	0.6	2	341	33
12	22	16	10	0.8	1	340	50
12	22	16	15	0.5	0	341	51
12	22	16	20	0.5	1	338	62
12	22	16	25	0.4	1	354	45
12	22	16	30	0.6	2	356	48
12	22	16	35	0.7	2	343	38
12	22	16	40	0.7	1	341	32
12	22	16	45	0.5	1	343	47
12	22	16	50	0.8	2	348	25
12	22	16	55	0.5	1	333	52
12	22	17	0	0.8	1	282	46
12	22	17	5	1.0	2	327	52
12	22	17	10	1.1	1	337	28
12	22	17	15	0.5	2	324	45
12	22	17	20	0.5	0	312	33
12	22	17	25	0.5	1	326	39
12	22	17	30	0.1	0	109	94
12	22	17	35	0.2	1	247	79
12	22	17	40	0.1	0	330	86
12	22	17	45	0.4	1	193	30
12	22	17	50	0.4	1	220	21
12	22	17	55	0.2	0	106	37
12	22	18	0	0.2	0	321	61
12	22	18	5	0.1	1	239	98
12	22	18	10	0.8	1	337	43
12	22	18	15	1.3	2	336	33
12	22	18	20	0.8	0	339	35
12	22	18	25	0.4	1	238	59
12	22	18	30	0.4	1	244	32
12	22	18	35	0.3	1	3	82
12	22	18	40	0.5	1	291	47
12	22	18	45	0.4	1	226	34
12	22	18	50	0.9	2	227	31
12	22	18	55	2.0	3	211	22

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	22	19	0	1.3	2	215	21
12	22	19	5	0.6	1	325	72
12	22	19	10	0.2	0	338	66
12	22	19	15	0.2	0	330	40
12	22	19	20	0.7	1	339	52
12	22	19	25	0.5	2	296	50
12	22	19	30	0.2	0	221	85
12	22	19	35	0.8	1	250	38
12	22	19	40	0.8	2	231	42
12	22	19	45	0.8	1	319	60
12	22	19	50	0.7	1	357	22
12	22	19	55	0.7	1	350	28
12	22	20	0	0.5	1	8	58
12	22	20	5	0.8	2	350	28
12	22	20	10	1.1	2	358	23
12	22	20	15	1.3	2	346	19
12	22	20	20	0.7	1	346	25
12	22	20	25	0.6	2	312	28
12	22	20	30	0.6	1	341	33
12	22	20	35	0.7	1	334	37
12	22	20	40	0.8	1	330	42
12	22	20	45	1.1	2	237	28
12	22	20	50	0.6	1	242	67
12	22	20	55	0.9	1	230	30
12	22	21	0	1.7	3	230	28
12	22	21	5	1.4	3	222	28
12	22	21	10	1.4	2	222	30
12	22	21	15	0.6	1	246	33
12	22	21	20	0.4	1	337	60
12	22	21	25	0.4	1	316	38
12	22	21	30	0.8	2	321	51
12	22	21	35	1.5	3	337	19
12	22	21	40	1.1	2	313	24
12	22	21	45	0.6	1	292	64
12	22	21	50	0.7	2	312	41
12	22	21	55	1.0	2	245	24
12	22	22	0	1.0	2	233	31
12	22	22	5	1.4	2	223	27
12	22	22	10	1.1	1	217	29
12	22	22	15	0.8	2	237	35
12	22	22	20	0.7	2	321	38
12	22	22	25	1.0	2	294	32
12	22	22	30	1.3	2	322	28
12	22	22	35	0.8	2	297	64
12	22	22	40	0.9	2	307	32
12	22	22	45	1.0	2	312	28
12	22	22	50	1.2	1	319	35
12	22	22	55	0.6	1	301	56
12	22	23	0	0.9	2	247	41
12	22	23	5	1.3	2	225	26
12	22	23	10	0.6	1	242	44
12	22	23	15	0.5	1	242	25
12	22	23	20	0.5	1	225	23
12	22	23	25	0.6	2	241	23
12	22	23	30	0.3	1	294	64
12	22	23	35	0.5	1	272	36
12	22	23	40	0.6	1	253	17
12	22	23	45	1.0	3	259	27
12	22	23	50	0.7	1	255	38
12	22	23	55	0.8	1	253	32
12	23	0	0	0.9	2	254	19
12	23	0	5	0.3	1	257	46
12	23	0	10	0.9	2	252	22
12	23	0	15	1.0	2	260	18
12	23	0	20	0.8	1	284	41
12	23	0	25	0.8	1	254	34
12	23	0	30	0.9	1	266	23
12	23	0	35	0.7	1	229	27
12	23	0	40	0.8	2	246	27
12	23	0	45	0.8	2	233	27
12	23	0	50	1.1	2	231	27
12	23	0	55	0.9	2	251	35
12	23	1	0	1.0	2	244	25
12	23	1	5	1.1	2	237	24
12	23	1	10	1.2	2	248	25
12	23	1	15	0.8	1	241	30
12	23	1	20	0.7	1	256	45
12	23	1	25	0.5	2	315	60
12	23	1	30	0.8	2	264	24
12	23	1	35	0.7	1	248	48
12	23	1	40	1.4	2	218	26
12	23	1	45	1.2	3	221	27
12	23	1	50	0.8	1	230	30
12	23	1	55	0.8	1	298	51

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	23	2	0	0.2	0	291	56
12	23	2	5	0.3	1	288	49
12	23	2	10	0.3	1	319	31
12	23	2	15	0.5	1	334	22
12	23	2	20	0.7	1	329	16
12	23	2	25	0.7	1	302	33
12	23	2	30	0.3	1	301	62
12	23	2	35	0.8	1	329	31
12	23	2	40	0.5	1	321	35
12	23	2	45	0.3	1	327	56
12	23	2	50	0.8	1	336	23
12	23	2	55	0.6	1	300	45
12	23	3	0	0.8	2	234	28
12	23	3	5	1.3	3	222	27
12	23	3	10	0.7	1	253	52
12	23	3	15	0.9	2	236	32
12	23	3	20	0.9	1	234	42
12	23	3	25	0.5	2	251	80
12	23	3	30	0.4	1	329	47
12	23	3	35	0.7	0	326	37
12	23	3	40	0.5	0	224	24
12	23	3	45	0.4	0	237	34
12	23	3	50	0.2	1	319	77
12	23	3	55	0.1	0	329	64
12	23	4	0	0.2	1	230	29
12	23	4	5	0.3	0	238	29
12	23	4	10	0.4	1	229	34
12	23	4	15	1.1	2	228	28
12	23	4	20	1.4	2	225	28
12	23	4	25	0.3	1	248	51
12	23	4	30	0.4	3	289	51
12	23	4	35	0.4	0	286	60
12	23	4	40	0.5	3	236	54
12	23	4	45	1.0	2	236	36
12	23	4	50	0.9	2	238	39
12	23	4	55	1.2	2	244	37
12	23	5	0	0.6	2	258	66
12	23	5	5	0.9	2	239	41
12	23	5	10	1.3	3	230	30
12	23	5	15	1.5	2	227	35
12	23	5	20	1.4	2	227	29
12	23	5	25	0.9	1	253	43
12	23	5	30	0.2	0	247	70
12	23	5	35	0.3	1	286	54
12	23	5	40	0.6	1	255	52
12	23	5	45	0.3	1	320	64
12	23	5	50	0.3	1	321	62
12	23	5	55	0.5	1	268	51
12	23	6	0	1.2	1	229	29
12	23	6	5	0.9	1	237	39
12	23	6	10	0.5	1	254	56
12	23	6	15	0.4	1	305	43
12	23	6	20	0.3	1	306	53
12	23	6	25	0.7	2	315	25
12	23	6	30	1.0	1	338	37
12	23	6	35	0.8	1	325	38
12	23	6	40	0.9	2	310	42
12	23	6	45	1.0	1	321	46
12	23	6	50	0.7	1	255	75
12	23	6	55	0.6	1	229	57
12	23	7	0	1.2	3	235	46
12	23	7	5	1.5	2	219	35
12	23	7	10	1.6	4	221	24
12	23	7	15	1.3	5	233	49
12	23	7	20	1.6	4	226	28
12	23	7	25	1.4	4	231	27
12	23	7	30	1.7	3	225	33
12	23	7	35	1.2	1	232	31
12	23	7	40	1.5	2	226	34
12	23	7	45	1.5	3	222	26
12	23	7	50	1.8	3	222	29
12	23	7	55	1.9	4	223	26
12	23	8	0	1.9	4	220	23
12	23	8	5	0.9	1	281	75
12	23	8	10	0.8	4	227	68
12	23	8	15	1.0	1	244	37
12	23	8	20	0.7	1	329	52
12	23	8	25	1.1	1	349	29
12	23	8	30	1.5	3	351	27
12	23	8	35	1.3	2	342	36
12	23	8	40	0.9	2	217	55
12	23	8	45	0.9	1	311	87
12	23	8	50	0.6	2	353	48
12	23	8	55	1.4	3	347	27

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	23	9	0	1.3	2	342	33
12	23	9	5	1.0	2	331	43
12	23	9	10	0.9	3	274	58
12	23	9	15	1.1	2	263	36
12	23	9	20	0.9	2	349	44
12	23	9	25	1.0	1	13	43
12	23	9	30	0.4	1	351	47
12	23	9	35	0.8	2	346	30
12	23	9	40	1.1	2	353	27
12	23	9	45	1.1	1	326	36
12	23	9	50	0.9	1	18	34
12	23	9	55	1.2	2	10	44
12	23	10	0	0.5	2	349	41
12	23	10	5	0.6	0	287	59
12	23	10	10	0.4	1	255	53
12	23	10	15	0.9	2	356	49
12	23	10	20	1.0	1	353	24
12	23	10	25	1.0	2	337	53
12	23	10	30	1.3	3	343	29
12	23	10	35	0.8	2	332	59
12	23	10	40	1.1	2	353	50
12	23	10	45	1.1	2	343	49
12	23	10	50	0.7	2	348	76
12	23	10	55	0.9	2	283	46
12	23	11	0	0.8	3	339	40
12	23	11	5	0.6	1	336	62
12	23	11	10	0.9	2	309	62
12	23	11	15	1.1	2	331	34
12	23	11	20	1.0	2	355	49
12	23	11	25	0.8	2	345	42
12	23	11	30	1.0	1	317	41
12	23	11	35	0.6	2	326	68
12	23	11	40	1.2	3	322	35
12	23	11	45	0.8	2	281	65
12	23	11	50	1.2	3	340	47
12	23	11	55	1.2	3	345	59
12	23	12	0	1.0	2	326	39
12	23	12	5	0.8	1	281	78
12	23	12	10	1.0	3	325	40
12	23	12	15	1.1	2	307	46
12	23	12	20	0.7	1	317	62
12	23	12	25	0.6	1	296	74
12	23	12	30	1.1	2	329	48
12	23	12	35	1.0	2	356	53
12	23	12	40	0.6	1	310	54
12	23	12	45	0.9	1	320	47
12	23	12	50	0.9	1	308	61
12	23	12	55	1.2	3	318	42
12	23	13	0	1.0	1	323	50
12	23	13	5	0.6	2	330	48
12	23	13	10	0.5	1	212	78
12	23	13	15	1.0	2	291	64
12	23	13	20	0.7	3	28	77
12	23	13	25	0.8	1	329	39
12	23	13	30	0.8	3	138	96
12	23	13	35	0.8	1	331	73
12	23	13	40	1.0	3	323	45
12	23	13	45	1.2	1	328	81
12	23	13	50	0.3	1	297	89
12	23	13	55	1.0	3	33	77
12	23	14	0	0.6	2	339	39
12	23	14	5	0.6	1	320	44
12	23	14	10	0.9	1	281	68
12	23	14	15	0.6	1	306	61
12	23	14	20	0.4	1	250	44
12	23	14	25	0.7	2	306	76
12	23	14	30	0.8	1	76	48
12	23	14	35	0.7	2	201	47
12	23	14	40	0.6	1	247	58
12	23	14	45	0.6	1	226	63
12	23	14	50	0.6	2	142	96
12	23	14	55	0.5	3	20	80
12	23	15	0	1.5	2	0	25
12	23	15	5	1.4	4	357	44
12	23	15	10	1.4	3	355	43
12	23	15	15	0.9	1	232	43
12	23	15	20	0.7	1	263	57
12	23	15	25	0.2	1	77	69
12	23	15	30	0.5	2	254	76
12	23	15	35	0.5	2	31	73
12	23	15	40	0.6	2	333	28
12	23	15	45	0.9	1	3	24
12	23	15	50	0.4	2	39	64

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	23	16	0	0.7	1	345	43
12	23	16	5	0.8	2	316	36
12	23	16	10	0.7	1	316	40
12	23	16	15	0.4	1	285	74
12	23	16	20	0.9	2	258	35
12	23	16	25	0.8	1	249	30
12	23	16	30	0.8	2	290	36
12	23	16	35	1.0	1	246	44
12	23	16	40	1.1	1	259	22
12	23	16	45	0.7	3	258	46
12	23	16	50	0.9	2	255	47
12	23	16	55	1.2	1	255	48
12	23	17	0	0.7	1	224	43
12	23	17	5	0.6	1	236	54
12	23	17	10	0.7	1	243	30
12	23	17	15	0.5	1	247	49
12	23	17	20	0.5	0	271	79
12	23	17	25	0.7	1	231	40
12	23	17	30	0.9	2	226	29
12	23	17	35	0.4	1	250	68
12	23	17	40	0.7	1	241	39
12	23	17	45	0.3	1	240	75
12	23	17	50	0.2	0	230	26
12	23	17	55	0.3	0	227	41
12	23	18	0	0.4	1	217	20
12	23	18	5	0.5	1	215	14
12	23	18	10	0.6	0	221	22
12	23	18	15	0.6	1	222	20
12	23	18	20	0.7	1	217	25
12	23	18	25	0.6	1	215	26
12	23	18	30	0.6	1	222	20
12	23	18	35	0.6	1	210	20
12	23	18	40	0.7	1	218	21
12	23	18	45	0.5	1	220	23
12	23	18	50	0.4	1	227	32
12	23	18	55	0.4	1	239	22
12	23	19	0	0.7	1	228	19
12	23	19	5	0.5	1	231	18
12	23	19	10	0.4	1	220	15
12	23	19	15	0.7	1	222	25
12	23	19	20	0.7	1	228	19
12	23	19	25	0.7	1	234	22
12	23	19	30	0.6	2	227	21
12	23	19	35	0.7	2	237	24
12	23	19	40	1.1	2	237	22
12	23	19	45	1.0	1	230	21
12	23	19	50	1.0	2	223	23
12	23	19	55	0.8	1	232	20
12	23	20	0	1.0	2	234	26
12	23	20	5	0.9	2	223	23
12	23	20	10	0.9	1	226	36
12	23	20	15	0.7	2	236	26
12	23	20	20	0.9	1	230	19
12	23	20	25	0.8	2	230	32
12	23	20	30	0.8	2	228	27
12	23	20	35	0.7	2	233	21
12	23	20	40	0.6	1	235	20
12	23	20	45	0.9	1	229	21
12	23	20	50	0.7	1	231	24
12	23	20	55	0.5	1	234	24
12	23	21	0	0.7	1	222	23
12	23	21	5	0.4	1	236	19
12	23	21	10	0.3	0	274	56
12	23	21	15	0.2	1	277	79
12	23	21	20	0.7	1	222	22
12	23	21	25	0.7	1	225	25
12	23	21	30	0.7	2	230	19
12	23	21	35	0.6	1	228	23
12	23	21	40	0.6	2	239	21
12	23	21	45	1.0	2	234	22
12	23	21	50	0.7	1	234	21
12	23	21	55	0.8	2	229	23
12	23	22	0	0.7	1	232	18
12	23	22	5	0.7	2	242	24
12	23	22	10	0.8	1	250	18
12	23	22	15	0.8	2	244	22
12	23	22	20	0.8	1	237	17
12	23	22	25	0.9	2	243	21
12	23	22	30	0.8	1	242	22
12	23	22	35	1.1	2	244	13
12	23	22	40	0.9	2	244	20
12	23	22	45	1.3	2	250	13
12	23	22	50	1.1	3	228	24

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	23	23	0	0.7	2	244	40
12	23	23	5	0.9	1	250	34
12	23	23	10	1.0	2	247	25
12	23	23	15	1.0	2	234	30
12	23	23	20	0.8	1	255	34
12	23	23	25	0.9	2	235	23
12	23	23	30	1.0	1	248	38
12	23	23	35	0.8	1	248	33
12	23	23	40	0.7	2	265	42
12	23	23	45	0.7	2	257	45
12	23	23	50	0.8	2	261	52
12	23	23	55	0.6	3	237	26
12	24	0	0	0.7	2	262	46
12	24	0	5	1.1	2	223	26
12	24	0	10	0.6	1	247	29
12	24	0	15	0.8	2	245	35
12	24	0	20	0.7	1	225	25
12	24	0	25	0.7	1	240	19
12	24	0	30	0.5	1	229	22
12	24	0	35	0.7	1	235	22
12	24	0	40	0.4	1	243	32
12	24	0	45	0.7	1	209	18
12	24	0	50	0.6	1	224	29
12	24	0	55	0.7	2	235	41
12	24	1	0	0.9	2	260	51
12	24	1	5	0.6	1	239	58
12	24	1	10	1.0	2	251	29
12	24	1	15	1.0	2	231	37
12	24	1	20	0.9	1	263	29
12	24	1	25	0.7	1	236	27
12	24	1	30	0.7	1	238	22
12	24	1	35	0.7	1	231	28
12	24	1	40	0.7	1	236	32
12	24	1	45	0.6	1	227	27
12	24	1	50	0.8	1	225	27
12	24	1	55	0.3	1	242	31
12	24	2	0	0.5	1	228	33
12	24	2	5	0.7	2	238	26
12	24	2	10	0.7	1	238	34
12	24	2	15	0.6	1	228	23
12	24	2	20	0.7	1	230	27
12	24	2	25	0.6	1	270	55
12	24	2	30	0.6	1	280	37
12	24	2	35	0.4	1	223	65
12	24	2	40	0.3	1	292	46
12	24	2	45	0.4	1	324	64
12	24	2	50	0.5	2	277	61
12	24	2	55	0.8	1	262	28
12	24	3	0	0.4	1	267	26
12	24	3	5	0.4	1	268	24
12	24	3	10	0.4	1	351	12
12	24	3	15	0.3	1	347	20
12	24	3	20	0.8	1	353	18
12	24	3	25	0.3	1	318	33
12	24	3	30	0.8	1	6	23
12	24	3	35	0.6	1	30	49
12	24	3	40	0.2	1	323	40
12	24	3	45	0.7	1	265	40
12	24	3	50	0.8	2	239	31
12	24	3	55	0.5	2	241	40
12	24	4	0	1.2	3	232	28
12	24	4	5	1.4	2	260	36
12	24	4	10	1.3	2	255	28
12	24	4	15	1.6	2	268	22
12	24	4	20	1.2	2	256	30
12	24	4	25	0.9	2	240	32
12	24	4	30	1.1	2	250	31
12	24	4	35	1.3	3	264	31
12	24	4	40	0.7	0	237	49
12	24	4	45	0.4	1	248	55
12	24	4	50	1.1	2	257	20
12	24	4	55	0.8	2	258	35
12	24	5	0	0.9	1	255	51
12	24	5	5	0.5	2	275	41
12	24	5	10	0.4	1	281	54
12	24	5	15	0.6	0	299	37
12	24	5	20	0.2	0	296	65
12	24	5	25	0.2	1	16	52
12	24	5	30	0.2	1	343	25
12	24	5	35	0.2	1	5	87
12	24	5	40	0.0	0	308	65
12	24	5	45	0.0	0	53	51
12	24	5	50	0.2	1	67	60
12	24	5	55	0.4	1	254	75

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	24	6	0	0.6	1	233	23
12	24	6	5	0.6	1	246	23
12	24	6	10	0.5	0	234	26
12	24	6	15	0.8	1	248	15
12	24	6	20	0.4	1	213	35
12	24	6	25	0.3	0	241	27
12	24	6	30	0.1	0	69	55
12	24	6	35	0.1	1	121	66
12	24	6	40	0.6	2	245	28
12	24	6	45	0.7	1	246	27
12	24	6	50	0.3	1	228	29
12	24	6	55	0.3	1	240	18
12	24	7	0	0.5	1	243	28
12	24	7	5	0.4	0	238	49
12	24	7	10	0.5	1	237	68
12	24	7	15	0.3	1	302	70
12	24	7	20	0.1	1	187	71
12	24	7	25	0.1	0	297	77
12	24	7	30	0.1	0	253	49
12	24	7	35	0.3	0	321	72
12	24	7	40	0.3	1	351	101
12	24	7	45	0.5	1	285	43
12	24	7	50	0.8	2	287	48
12	24	7	55	0.9	1	317	30
12	24	8	0	1.3	2	353	32
12	24	8	5	1.2	3	344	31
12	24	8	10	0.5	1	39	63
12	24	8	15	0.7	1	342	49
12	24	8	20	0.5	1	352	46
12	24	8	25	0.7	3	354	27
12	24	8	30	1.3	2	351	26
12	24	8	35	1.2	2	357	22
12	24	8	40	1.1	1	350	49
12	24	8	45	0.9	2	12	38
12	24	8	50	1.1	2	31	34
12	24	8	55	0.7	1	358	98
12	24	9	0	0.9	2	359	30
12	24	9	5	1.1	1	5	27
12	24	9	10	1.2	2	3	41
12	24	9	15	1.2	3	345	25
12	24	9	20	1.2	2	359	28
12	24	9	25	0.4	1	315	59
12	24	9	30	0.3	2	291	73
12	24	9	35	1.2	3	12	38
12	24	9	40	1.3	1	330	37
12	24	9	45	0.6	0	350	65
12	24	9	50	0.8	1	353	69
12	24	9	55	0.6	1	344	45
12	24	10	0	1.2	2	355	31
12	24	10	5	0.9	2	340	42
12	24	10	10	1.3	2	357	32
12	24	10	15	1.0	1	348	56
12	24	10	20	0.5	2	340	66
12	24	10	25	0.9	1	325	62
12	24	10	30	0.5	1	326	50
12	24	10	35	0.5	1	311	44
12	24	10	40	0.3	1	337	67
12	24	10	45	0.9	1	5	42
12	24	10	50	0.8	1	354	46
12	24	10	55	1.0	5	354	47
12	24	11	0	1.0	3	1	52
12	24	11	5	1.2	1	4	27
12	24	11	10	1.4	2	356	27
12	24	11	15	1.4	2	5	32
12	24	11	20	1.6	2	354	24
12	24	11	25	1.1	2	13	26
12	24	11	30	1.8	3	3	30
12	24	11	35	1.2	2	18	40
12	24	11	40	1.4	2	34	47
12	24	11	45	1.2	2	1	34
12	24	11	50	0.8	2	20	40
12	24	11	55	1.0	3	12	38
12	24	12	0	1.9	2	25	24
12	24	12	5	1.9	3	21	24
12	24	12	10	1.5	3	28	27
12	24	12	15	1.6	3	25	28
12	24	12	20	1.2	2	33	34
12	24	12	25	1.4	2	33	23
12	24	12	30	1.1	2	24	37
12	24	12	35	1.0	2	33	27
12	24	12	40	0.7	2	2	52
12	24	12	45	0.5	1	346	55
12	24	12	50	0.6	1	339	62
12	24	12	55	0.6	1	1	61

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	24	13	0	0.8	2	13	60
12	24	13	5	0.3	1	79	67
12	24	13	10	1.3	3	9	32
12	24	13	15	0.9	1	30	55
12	24	13	20	1.0	1	343	49
12	24	13	25	1.2	2	342	35
12	24	13	30	0.6	1	358	56
12	24	13	35	1.2	2	335	28
12	24	13	40	0.7	2	279	60
12	24	13	45	0.7	1	353	64
12	24	13	50	0.7	1	309	55
12	24	13	55	1.0	2	319	48
12	24	14	0	0.8	1	331	51
12	24	14	5	0.7	2	242	55
12	24	14	10	0.6	1	282	73
12	24	14	15	0.6	1	260	47
12	24	14	20	0.9	2	245	45
12	24	14	25	1.1	2	252	36
12	24	14	30	1.2	3	252	48
12	24	14	35	1.1	1	249	44
12	24	14	40	0.3	0	294	56
12	24	14	45	0.7	2	265	41
12	24	14	50	0.7	1	229	48
12	24	14	55	0.7	2	324	65
12	24	15	0	0.7	1	320	58
12	24	15	5	0.4	1	339	68
12	24	15	10	0.3	2	261	63
12	24	15	15	0.6	1	294	63
12	24	15	20	0.3	0	296	83
12	24	15	25	0.3	1	331	61
12	24	15	30	0.6	1	356	40
12	24	15	35	0.6	1	330	63
12	24	15	40	0.4	1	314	80
12	24	15	45	0.5	2	358	35
12	24	15	50	1.1	2	1	24
12	24	15	55	0.7	2	338	33
12	24	16	0	0.7	0	341	31
12	24	16	5	0.8	2	358	33
12	24	16	10	0.9	2	344	24
12	24	16	15	0.7	0	332	62
12	24	16	20	0.6	1	268	61
12	24	16	25	0.8	1	286	48
12	24	16	30	0.3	2	307	54
12	24	16	35	0.7	0	343	56
12	24	16	40	0.2	0	217	85
12	24	16	45	0.1	1	180	80
12	24	16	50	0.5	2	286	83
12	24	16	55	0.5	1	315	81
12	24	17	0	0.6	1	335	35
12	24	17	5	0.3	1	46	59
12	24	17	10	0.6	1	359	22
12	24	17	15	0.7	2	336	28
12	24	17	20	0.5	0	358	27
12	24	17	25	0.2	0	156	50
12	24	17	30	0.3	1	217	30
12	24	17	35	0.4	1	197	15
12	24	17	40	0.6	1	185	33
12	24	17	45	0.7	1	204	20
12	24	17	50	0.7	2	198	15
12	24	17	55	0.8	1	202	16
12	24	18	0	1.0	2	207	14
12	24	18	5	0.7	1	206	13
12	24	18	10	0.6	1	206	15
12	24	18	15	0.9	2	205	14
12	24	18	20	0.7	1	221	23
12	24	18	25	0.7	2	220	21
12	24	18	30	0.8	1	211	16
12	24	18	35	0.6	1	216	17
12	24	18	40	0.4	1	221	13
12	24	18	45	0.7	1	210	18
12	24	18	50	0.6	1	222	22
12	24	18	55	0.5	1	210	16
12	24	19	0	0.5	1	212	21
12	24	19	5	0.7	1	216	19
12	24	19	10	0.8	1	212	19
12	24	19	15	0.6	2	209	20
12	24	19	20	0.6	0	219	19
12	24	19	25	0.2	1	231	14
12	24	19	30	0.4	1	202	23
12	24	19	35	0.3	1	209	33
12	24	19	40	0.5	1	216	21
12	24	19	45	0.5	1	234	30
12	24	19	50	0.5	1	227	26
12	24	19	55	0.6	1	227	22



DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	24	20	0	0.3	1	232	27
12	24	20	5	0.6	1	226	29
12	24	20	10	0.4	1	232	24
12	24	20	15	0.8	2	229	25
12	24	20	20	0.5	1	219	33
12	24	20	25	0.6	1	235	23
12	24	20	30	0.7	1	235	27
12	24	20	35	0.6	1	223	18
12	24	20	40	0.5	1	236	21
12	24	20	45	0.6	1	234	26
12	24	20	50	0.6	1	237	36
12	24	20	55	0.6	1	225	29
12	24	21	0	0.8	1	220	31
12	24	21	5	0.6	1	228	19
12	24	21	10	0.5	1	245	34
12	24	21	15	0.3	0	258	57
12	24	21	20	0.5	1	219	23
12	24	21	25	0.6	1	229	25
12	24	21	30	0.6	3	222	26
12	24	21	35	0.9	1	228	33
12	24	21	40	0.6	1	232	25
12	24	21	45	0.5	1	212	14
12	24	21	50	0.6	1	217	16
12	24	21	55	0.3	0	237	20
12	24	22	0	0.4	1	230	22
12	24	22	5	0.3	0	243	39
12	24	22	10	0.0	0	188	98
12	24	22	15	0.2	1	356	58
12	24	22	20	0.4	1	205	12
12	24	22	25	0.5	0	236	63
12	24	22	30	0.4	1	258	41
12	24	22	35	0.2	0	235	19
12	24	22	40	0.2	1	253	53
12	24	22	45	0.5	1	236	70
12	24	22	50	0.4	1	228	19
12	24	22	55	0.1	0	251	29
12	24	23	0	0.5	1	245	29
12	24	23	5	0.7	1	251	32
12	24	23	10	0.5	1	254	28
12	24	23	15	0.5	1	243	30
12	24	23	20	0.7	1	255	30
12	24	23	25	0.6	1	227	30
12	24	23	30	0.3	1	246	71
12	24	23	35	0.4	1	269	53
12	24	23	40	0.2	0	321	93
12	24	23	45	0.1	0	232	39
12	24	23	50	0.1	1	146	80
12	24	23	55	0.6	1	263	56
12	25	0	0	0.5	1	238	43
12	25	0	5	0.4	0	198	62
12	25	0	10	0.2	0	300	66
12	25	0	15	0.8	2	311	50
12	25	0	20	0.8	2	316	50
12	25	0	25	0.8	2	284	44
12	25	0	30	1.2	2	254	25
12	25	0	35	0.8	1	250	30
12	25	0	40	1.3	2	254	40
12	25	0	45	0.6	1	321	38
12	25	0	50	0.6	1	287	59
12	25	0	55	0.7	1	256	38
12	25	1	0	0.7	1	261	27
12	25	1	5	1.1	2	259	54
12	25	1	10	1.1	2	240	41
12	25	1	15	1.1	2	263	33
12	25	1	20	1.2	2	252	54
12	25	1	25	1.5	3	227	41
12	25	1	30	1.4	2	243	45
12	25	1	35	1.1	2	267	31
12	25	1	40	0.8	1	244	29
12	25	1	45	0.8	1	247	29
12	25	1	50	0.8	1	248	36
12	25	1	55	1.2	3	229	26
12	25	2	0	0.7	1	233	58
12	25	2	5	0.9	2	242	30
12	25	2	10	1.0	1	245	30
12	25	2	15	1.1	2	256	29
12	25	2	20	1.1	3	262	26
12	25	2	25	0.9	3	248	26
12	25	2	30	1.0	3	250	36
12	25	2	35	1.4	2	250	38
12	25	2	40	1.1	2	242	37
12	25	2	45	1.1	2	270	54
12	25	2	50	1.3	2	244	34
12	25	2	55	1.1	2	242	29

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	25	3	0	1.3	2	248	35
12	25	3	5	1.0	2	253	34
12	25	3	10	0.9	1	257	38
12	25	3	15	0.9	2	244	27
12	25	3	20	0.5	1	341	49
12	25	3	25	0.3	1	344	36
12	25	3	30	0.7	2	286	46
12	25	3	35	1.0	1	263	35
12	25	3	40	1.2	2	254	33
12	25	3	45	0.9	1	256	27
12	25	3	50	1.1	2	264	22
12	25	3	55	0.9	2	241	25
12	25	4	0	1.2	2	291	41
12	25	4	5	0.7	1	242	31
12	25	4	10	1.1	1	261	27
12	25	4	15	1.0	2	248	35
12	25	4	20	0.8	1	257	31
12	25	4	25	1.0	1	250	29
12	25	4	30	0.8	1	248	35
12	25	4	35	0.7	2	234	44
12	25	4	40	0.8	1	230	57
12	25	4	45	1.1	2	251	49
12	25	4	50	1.1	5	254	45
12	25	4	55	1.1	2	234	26
12	25	5	0	0.6	2	270	61
12	25	5	5	0.9	1	237	39
12	25	5	10	1.1	2	232	32
12	25	5	15	1.3	2	249	38
12	25	5	20	1.0	2	238	31
12	25	5	25	1.0	2	241	46
12	25	5	30	0.8	1	266	41
12	25	5	35	0.4	0	244	79
12	25	5	40	0.9	3	266	44
12	25	5	45	1.0	4	278	40
12	25	5	50	1.3	2	254	46
12	25	5	55	1.1	3	269	38
12	25	6	0	0.7	2	223	34
12	25	6	5	1.1	3	246	30
12	25	6	10	0.8	1	250	48
12	25	6	15	0.7	0	221	43
12	25	6	20	1.2	3	233	42
12	25	6	25	1.2	3	260	53
12	25	6	30	0.9	2	261	55
12	25	6	35	1.2	2	232	30
12	25	6	40	1.3	2	240	37
12	25	6	45	1.1	3	231	35
12	25	6	50	1.1	3	220	29
12	25	6	55	1.4	2	235	36
12	25	7	0	1.1	2	230	46
12	25	7	5	0.9	2	183	68
12	25	7	10	1.1	2	227	31
12	25	7	15	1.2	2	219	28
12	25	7	20	1.1	2	228	30
12	25	7	25	1.4	1	243	45
12	25	7	30	0.8	2	234	36
12	25	7	35	1.5	4	243	36
12	25	7	40	1.4	2	255	49
12	25	7	45	0.7	2	265	56
12	25	7	50	0.6	2	257	45
12	25	7	55	1.1	2	266	42
12	25	8	0	1.3	3	238	39
12	25	8	5	1.3	3	250	41
12	25	8	10	1.1	2	251	54
12	25	8	15	1.1	3	259	45
12	25	8	20	1.2	1	275	38
12	25	8	25	1.5	2	262	40
12	25	8	30	1.1	2	258	43
12	25	8	35	1.3	2	218	31
12	25	8	40	1.8	3	228	29
12	25	8	45	1.1	3	255	49
12	25	8	50	1.0	2	279	74
12	25	8	55	0.5	1	300	87
12	25	9	0	0.3	0	304	83
12	25	9	5	1.2	3	250	64
12	25	9	10	1.3	3	235	55
12	25	9	15	1.1	2	255	52
12	25	9	20	1.5	2	238	28
12	25	9	25	1.5	2	246	32
12	25	9	30	0.3	2	296	77
12	25	9	35	0.8	2	236	89
12	25	9	40	1.0	5	249	69
12	25	9	45	1.1	2	289	62
12	25	9	50	1.0	3	221	62
12	25	9	55	1.3	3	263	48

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	25	10	0	1.4	3	274	45
12	25	10	5	1.3	3	249	41
12	25	10	10	2.0	4	250	36
12	25	10	15	1.9	3	246	35
12	25	10	20	1.5	3	252	51
12	25	10	25	1.6	2	241	36
12	25	10	30	1.6	4	263	37
12	25	10	35	0.9	2	242	44
12	25	10	40	1.5	3	236	28
12	25	10	45	1.2	1	238	43
12	25	10	50	1.0	1	261	59
12	25	10	55	1.1	3	55	64
12	25	11	0	0.8	2	263	63
12	25	11	5	0.5	1	344	64
12	25	11	10	1.0	1	11	57
12	25	11	15	0.5	1	350	88
12	25	11	20	1.1	2	30	57
12	25	11	25	0.9	2	311	61
12	25	11	30	1.8	4	233	26
12	25	11	35	2.1	3	219	31
12	25	11	40	1.7	3	220	28
12	25	11	45	1.8	3	219	22
12	25	11	50	1.8	4	230	27
12	25	11	55	1.4	2	230	29
12	25	12	0	1.1	1	261	28
12	25	12	5	1.2	3	261	53
12	25	12	10	1.0	3	267	39
12	25	12	15	1.0	3	243	69
12	25	12	20	1.3	2	279	52
12	25	12	25	1.0	1	278	55
12	25	12	30	1.3	3	267	37
12	25	12	35	0.9	2	268	60
12	25	12	40	1.0	3	254	51
12	25	12	45	1.0	1	241	43
12	25	12	50	0.9	2	246	54
12	25	12	55	0.8	2	307	55
12	25	13	0	0.5	1	268	64
12	25	13	5	0.5	1	299	81
12	25	13	10	0.3	0	244	90
12	25	13	15	0.2	1	148	88
12	25	13	20	0.5	1	292	84
12	25	13	25	1.3	3	239	61
12	25	13	30	1.5	1	260	44
12	25	13	35	0.6	2	268	86
12	25	13	40	0.7	1	320	63
12	25	13	45	1.1	2	320	55
12	25	13	50	1.0	2	309	51
12	25	13	55	0.7	3	263	66
12	25	14	0	0.5	1	318	66
12	25	14	5	0.7	1	4	64
12	25	14	10	0.4	1	221	78
12	25	14	15	1.3	2	250	27
12	25	14	20	1.2	2	254	56
12	25	14	25	1.4	2	225	24
12	25	14	30	0.3	1	263	86
12	25	14	35	0.5	1	338	94
12	25	14	40	1.0	3	326	71
12	25	14	45	0.7	2	286	72
12	25	14	50	0.9	2	249	66
12	25	14	55	0.6	1	248	54
12	25	15	0	1.2	2	240	29
12	25	15	5	1.5	3	253	29
12	25	15	10	1.1	2	254	52
12	25	15	15	1.4	3	231	31
12	25	15	20	1.2	2	222	59
12	25	15	25	0.5	2	214	64
12	25	15	30	0.5	1	302	66
12	25	15	35	1.1	1	283	46
12	25	15	40	1.0	2	286	52
12	25	15	45	0.4	0	240	83
12	25	15	50	0.9	1	282	44
12	25	15	55	0.4	1	277	61
12	25	16	0	0.6	1	249	37
12	25	16	5	0.8	2	241	58
12	25	16	10	0.7	1	305	49
12	25	16	15	0.8	2	265	41
12	25	16	20	0.9	1	245	45
12	25	16	25	1.3	3	224	23
12	25	16	30	1.6	3	215	20
12	25	16	35	1.5	2	227	26
12	25	16	40	1.4	2	229	29
12	25	16	45	1.1	2	260	41
12	25	16	50	0.7	1	283	61
12	25	16	55	1.0	1	299	50

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	25	17	0	0.9	1	282	38
12	25	17	5	0.5	2	255	38
12	25	17	10	0.8	2	269	33
12	25	17	15	1.0	3	260	33
12	25	17	20	1.3	3	256	28
12	25	17	25	1.1	2	256	23
12	25	17	30	1.1	2	258	23
12	25	17	35	0.8	2	276	51
12	25	17	40	0.6	2	277	45
12	25	17	45	0.5	1	284	54
12	25	17	50	1.0	1	239	39
12	25	17	55	0.7	1	250	39
12	25	18	0	0.6	1	330	54
12	25	18	5	0.9	2	326	28
12	25	18	10	0.8	2	264	65
12	25	18	15	0.5	1	280	71
12	25	18	20	0.6	1	307	58
12	25	18	25	0.9	3	255	41
12	25	18	30	1.0	2	232	44
12	25	18	35	1.1	1	227	34
12	25	18	40	1.3	3	242	30
12	25	18	45	0.9	1	267	31
12	25	18	50	1.5	3	254	17
12	25	18	55	0.8	2	238	45
12	25	19	0	0.9	2	244	31
12	25	19	5	1.2	3	267	32
12	25	19	10	1.5	3	255	26
12	25	19	15	1.6	3	254	25
12	25	19	20	1.8	3	252	25
12	25	19	25	0.7	1	279	40
12	25	19	30	1.3	3	256	41
12	25	19	35	1.5	3	253	25
12	25	19	40	1.2	2	232	43
12	25	19	45	1.4	3	248	36
12	25	19	50	1.7	3	252	44
12	25	19	55	1.2	3	245	35
12	25	20	0	1.8	4	245	37
12	25	20	5	1.4	2	253	42
12	25	20	10	1.2	2	244	44
12	25	20	15	1.1	2	239	61
12	25	20	20	1.1	4	237	49
12	25	20	25	1.4	4	276	57
12	25	20	30	1.4	2	241	46
12	25	20	35	1.1	2	213	25
12	25	20	40	1.4	2	230	42
12	25	20	45	1.2	2	242	59
12	25	20	50	1.2	2	233	50
12	25	20	55	1.1	4	226	54
12	25	21	0	1.1	1	205	60
12	25	21	5	0.7	1	239	58
12	25	21	10	0.9	1	255	56
12	25	21	15	1.1	1	218	44
12	25	21	20	1.0	3	262	55
12	25	21	25	1.5	5	239	46
12	25	21	30	0.9	2	234	50
12	25	21	35	1.0	4	233	47
12	25	21	40	1.2	1	246	38
12	25	21	45	0.3	1	186	79
12	25	21	50	0.7	2	260	62
12	25	21	55	0.2	1	258	46
12	25	22	0	0.7	1	251	33
12	25	22	5	0.7	0	317	32
12	25	22	10	0.8	1	221	51
12	25	22	15	1.5	5	258	45
12	25	22	20	1.1	2	265	47
12	25	22	25	0.7	1	193	58
12	25	22	30	1.0	2	259	77
12	25	22	35	1.1	2	240	39
12	25	22	40	1.0	2	241	41
12	25	22	45	1.2	2	247	35
12	25	22	50	0.7	3	247	77
12	25	22	55	1.1	1	262	60
12	25	23	0	2.0	6	219	37
12	25	23	5	2.9	5	220	23
12	25	23	10	2.8	5	219	23
12	25	23	15	2.7	5	222	25
12	25	23	20	2.2	4	232	34
12	25	23	25	2.9	6	217	25
12	25	23	30	2.9	4	216	23
12	25	23	35	2.4	5	223	28
12	25	23	40	2.9	5	215	23
12	25	23	45	2.5	4	214	22
12	25	23	50	2.0	4	220	24
12	25	23	55	1.7	3	219	29

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	26	0	0	0.8	1	256	68
12	26	0	5	1.0	2	238	28
12	26	0	10	1.1	2	244	29
12	26	0	15	1.5	2	260	23
12	26	0	20	1.5	3	244	32
12	26	0	25	2.1	4	216	22
12	26	0	30	1.5	2	224	28
12	26	0	35	0.9	1	239	45
12	26	0	40	0.5	2	318	52
12	26	0	45	0.8	1	307	44
12	26	0	50	1.0	3	245	47
12	26	0	55	1.2	3	237	29
12	26	1	0	1.7	3	216	20
12	26	1	5	1.4	2	227	29
12	26	1	10	1.2	3	236	31
12	26	1	15	1.1	2	290	36
12	26	1	20	1.6	3	242	32
12	26	1	25	1.4	3	224	38
12	26	1	30	1.3	2	222	42
12	26	1	35	0.8	1	259	53
12	26	1	40	0.9	2	236	53
12	26	1	45	1.4	3	230	29
12	26	1	50	1.0	1	241	32
12	26	1	55	1.4	3	291	45
12	26	2	0	1.0	3	284	53
12	26	2	5	1.6	5	232	28
12	26	2	10	1.6	2	236	41
12	26	2	15	0.9	2	330	70
12	26	2	20	0.9	2	279	60
12	26	2	25	1.0	3	252	42
12	26	2	30	0.9	2	246	47
12	26	2	35	1.4	3	256	30
12	26	2	40	1.4	2	248	28
12	26	2	45	0.9	2	252	35
12	26	2	50	1.4	3	243	30
12	26	2	55	1.9	4	231	25
12	26	3	0	1.3	2	244	45
12	26	3	5	0.6	2	233	33
12	26	3	10	0.4	1	329	64
12	26	3	15	0.9	2	292	45
12	26	3	20	0.7	1	307	45
12	26	3	25	1.1	2	264	25
12	26	3	30	1.2	2	277	33
12	26	3	35	1.1	4	267	27
12	26	3	40	1.8	4	250	47
12	26	3	45	0.9	1	281	60
12	26	3	50	1.3	4	237	64
12	26	3	55	1.7	2	258	33
12	26	4	0	2.1	6	231	45
12	26	4	5	1.8	1	231	42
12	26	4	10	1.2	3	232	33
12	26	4	15	1.6	3	238	40
12	26	4	20	1.4	3	231	28
12	26	4	25	1.1	2	243	31
12	26	4	30	1.4	1	257	26
12	26	4	35	2.1	3	214	28
12	26	4	40	1.6	4	236	33
12	26	4	45	1.3	4	265	64
12	26	4	50	1.6	3	249	32
12	26	4	55	1.2	4	233	64
12	26	5	0	0.8	0	356	58
12	26	5	5	0.6	1	345	62
12	26	5	10	0.9	2	145	89
12	26	5	15	1.1	4	217	50
12	26	5	20	0.9	1	229	56
12	26	5	25	1.2	2	234	45
12	26	5	30	1.4	3	265	50
12	26	5	35	1.1	2	260	51
12	26	5	40	1.8	4	245	36
12	26	5	45	1.2	3	256	49
12	26	5	50	1.5	4	271	64
12	26	5	55	1.6	3	262	32
12	26	6	0	1.3	1	260	27
12	26	6	5	1.4	2	246	32
12	26	6	10	1.2	3	236	27
12	26	6	15	2.0	4	221	27
12	26	6	20	1.9	3	231	33
12	26	6	25	2.4	5	219	28
12	26	6	30	2.4	4	217	27
12	26	6	35	1.8	3	224	29
12	26	6	40	2.1	4	218	26
12	26	6	45	1.5	2	234	33
12	26	6	50	1.2	3	243	42
12	26	6	55	1.2	3	236	54

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	26	7	0	1.6	4	233	36
12	26	7	5	1.8	4	234	30
12	26	7	10	1.8	3	242	22
12	26	7	15	1.4	3	228	35
12	26	7	20	1.1	2	230	31
12	26	7	25	1.3	2	237	26
12	26	7	30	1.6	3	241	23
12	26	7	35	1.9	2	246	25
12	26	7	40	1.7	4	253	32
12	26	7	45	1.7	3	252	22
12	26	7	50	2.0	4	272	34
12	26	7	55	1.2	3	275	49
12	26	8	0	1.3	2	246	48
12	26	8	5	1.4	2	260	41
12	26	8	10	1.3	4	265	45
12	26	8	15	1.5	3	258	40
12	26	8	20	1.9	4	251	39
12	26	8	25	1.8	5	253	43
12	26	8	30	2.3	6	258	51
12	26	8	35	2.4	6	242	32
12	26	8	40	1.7	5	244	49
12	26	8	45	2.0	4	237	45
12	26	8	50	2.2	7	246	39
12	26	8	55	1.1	1	256	96
12	26	9	0	1.0	4	223	86
12	26	9	5	1.2	3	220	71
12	26	9	10	1.4	2	242	46
12	26	9	15	2.1	6	263	47
12	26	9	20	2.7	5	234	37
12	26	9	25	2.0	4	251	46
12	26	9	30	1.5	3	255	70
12	26	9	35	1.6	3	242	47
12	26	9	40	1.1	4	235	63
12	26	9	45	1.8	3	247	40
12	26	9	50	2.1	4	254	50
12	26	9	55	1.8	4	259	49
12	26	10	0	1.6	3	244	40
12	26	10	5	1.9	3	248	45
12	26	10	10	2.2	5	255	54
12	26	10	15	1.9	3	267	57
12	26	10	20	2.0	5	248	38
12	26	10	25	2.0	4	261	33
12	26	10	30	1.6	3	235	41
12	26	10	35	1.5	2	245	57
12	26	10	40	1.5	2	250	47
12	26	10	45	0.9	3	245	73
12	26	10	50	1.5	1	278	75
12	26	10	55	1.5	3	244	61
12	26	11	0	1.5	3	242	59
12	26	11	5	1.4	3	251	42
12	26	11	10	1.9	4	258	37
12	26	11	15	1.8	3	252	38
12	26	11	20	2.1	5	253	49
12	26	11	25	1.3	4	246	74
12	26	11	30	2.1	5	250	34
12	26	11	35	1.6	3	250	47
12	26	11	40	1.3	4	234	45
12	26	11	45	1.6	3	233	44
12	26	11	50	2.1	4	237	32
12	26	11	55	2.5	6	240	31
12	26	12	0	2.3	3	235	28
12	26	12	5	2.1	3	236	45
12	26	12	10	2.0	2	247	43
12	26	12	15	2.2	5	255	44
12	26	12	20	1.6	3	232	32
12	26	12	25	1.3	3	238	40
12	26	12	30	1.2	1	258	59
12	26	12	35	1.3	3	258	45
12	26	12	40	1.7	5	232	30
12	26	12	45	1.9	2	260	39
12	26	12	50	1.2	3	258	38
12	26	12	55	1.4	3	288	47
12	26	13	0	1.3	2	276	54
12	26	13	5	1.6	5	226	31
12	26	13	10	2.6	5	221	23
12	26	13	15	2.1	3	220	29
12	26	13	20	1.7	4	231	30
12	26	13	25	2.0	4	226	24
12	26	13	30	1.8	3	232	34
12	26	13	35	1.5	2	229	24
12	26	13	40	1.8	7	228	27
12	26	13	45	2.0	4	233	30
12	26	13	50	1.2	3	255	41
12	26	13	55	1.0	3	290	55

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	26	14	0	1.4	2	261	36
12	26	14	5	1.8	4	254	58
12	26	14	10	1.7	3	324	43
12	26	14	15	2.2	6	250	45
12	26	14	20	2.1	3	269	58
12	26	14	25	1.8	5	254	57
12	26	14	30	1.8	4	270	56
12	26	14	35	1.7	2	227	28
12	26	14	40	1.4	3	229	46
12	26	14	45	1.8	2	254	39
12	26	14	50	1.0	2	248	55
12	26	14	55	1.8	4	229	30
12	26	15	0	1.9	4	225	32
12	26	15	5	1.1	3	250	49
12	26	15	10	1.6	2	232	31
12	26	15	15	1.5	3	244	42
12	26	15	20	1.9	2	232	36
12	26	15	25	1.7	1	229	42
12	26	15	30	1.6	2	238	56
12	26	15	35	1.4	5	228	46
12	26	15	40	2.6	4	225	27
12	26	15	45	2.1	4	225	37
12	26	15	50	1.3	5	236	50
12	26	15	55	1.3	2	255	52
12	26	16	0	2.0	5	256	45
12	26	16	5	1.8	6	246	35
12	26	16	10	1.6	4	238	52
12	26	16	15	1.7	3	249	61
12	26	16	20	1.6	3	275	56
12	26	16	25	2.0	6	255	54
12	26	16	30	1.6	3	244	44
12	26	16	35	1.4	3	236	61
12	26	16	40	1.7	3	246	59
12	26	16	45	1.8	3	262	51
12	26	16	50	0.6	1	304	62
12	26	16	55	1.6	3	275	56
12	26	17	0	1.7	4	245	49
12	26	17	5	1.5	3	239	52
12	26	17	10	1.0	2	233	59
12	26	17	15	1.0	2	260	64
12	26	17	20	1.0	2	341	69
12	26	17	25	1.8	3	261	52
12	26	17	30	1.0	5	334	94
12	26	17	35	0.9	2	247	70
12	26	17	40	1.7	3	270	54
12	26	17	45	1.5	4	280	44
12	26	17	50	2.0	2	263	49
12	26	17	55	1.7	2	253	39
12	26	18	0	1.7	4	214	44
12	26	18	5	1.5	2	235	44
12	26	18	10	1.1	2	291	74
12	26	18	15	1.4	3	237	69
12	26	18	20	1.4	2	284	54
12	26	18	25	1.6	4	258	60
12	26	18	30	0.9	2	295	58
12	26	18	35	1.2	3	236	36
12	26	18	40	1.7	4	242	46
12	26	18	45	1.0	2	252	56
12	26	18	50	0.8	3	267	75
12	26	18	55	1.2	2	252	34
12	26	19	0	1.5	4	272	40
12	26	19	5	1.7	3	256	53
12	26	19	10	1.3	3	225	37
12	26	19	15	1.4	2	236	33
12	26	19	20	0.7	2	279	70
12	26	19	25	1.1	2	297	61
12	26	19	30	0.8	1	271	68
12	26	19	35	0.7	2	249	37
12	26	19	40	1.1	3	247	45
12	26	19	45	1.6	3	254	23
12	26	19	50	1.5	2	251	50
12	26	19	55	1.1	1	257	46
12	26	20	0	1.1	3	265	44
12	26	20	5	1.1	2	317	40
12	26	20	10	1.3	3	237	64
12	26	20	15	1.2	4	267	57
12	26	20	20	1.4	4	278	47
12	26	20	25	1.6	3	261	31
12	26	20	30	1.5	2	266	45
12	26	20	35	0.6	0	270	83
12	26	20	40	1.6	2	272	41
12	26	20	45	1.3	3	261	35
12	26	20	50	1.4	2	256	35
12	26	20	55	1.8	4	243	31

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	26	21	0	1.2	1	258	51
12	26	21	5	1.2	6	277	46
12	26	21	10	1.4	2	256	80
12	26	21	15	1.3	2	248	62
12	26	21	20	1.2	2	270	71
12	26	21	25	1.2	3	250	50
12	26	21	30	1.6	2	264	57
12	26	21	35	1.3	2	273	44
12	26	21	40	2.0	3	246	30
12	26	21	45	1.6	2	275	56
12	26	21	50	1.7	4	275	37
12	26	21	55	1.2	2	240	46
12	26	22	0	1.6	4	238	38
12	26	22	5	0.7	0	324	49
12	26	22	10	1.1	3	284	50
12	26	22	15	1.5	2	266	33
12	26	22	20	1.2	1	276	38
12	26	22	25	1.7	4	228	29
12	26	22	30	2.3	4	225	28
12	26	22	35	2.3	4	222	28
12	26	22	40	2.0	5	221	30
12	26	22	45	2.2	5	221	27
12	26	22	50	1.0	1	255	44
12	26	22	55	1.0	2	240	42
12	26	23	0	1.6	3	233	29
12	26	23	5	1.4	2	243	32
12	26	23	10	1.3	2	299	59
12	26	23	15	1.1	2	236	42
12	26	23	20	1.2	3	250	50
12	26	23	25	1.0	1	216	40
12	26	23	30	1.0	3	251	57
12	26	23	35	0.9	3	330	103
12	26	23	40	1.2	2	257	39
12	26	23	45	1.0	2	275	35
12	26	23	50	1.4	3	250	19
12	26	23	55	1.0	3	238	36
12	27	0	0	2.3	3	214	24
12	27	0	5	2.1	5	224	29
12	27	0	10	1.7	5	230	32
12	27	0	15	2.8	6	218	24
12	27	0	20	2.5	3	225	36
12	27	0	25	1.8	4	230	31
12	27	0	30	1.9	5	219	27
12	27	0	35	2.8	5	211	23
12	27	0	40	2.4	4	215	24
12	27	0	45	2.3	3	224	24
12	27	0	50	2.6	3	222	23
12	27	0	55	1.4	4	237	38
12	27	1	0	2.1	4	229	31
12	27	1	5	1.5	2	228	36
12	27	1	10	1.7	3	235	39
12	27	1	15	2.2	4	238	25
12	27	1	20	2.0	4	228	31
12	27	1	25	2.3	4	238	24
12	27	1	30	1.5	3	236	28
12	27	1	35	1.0	2	247	29
12	27	1	40	1.2	4	233	28
12	27	1	45	1.6	4	229	33
12	27	1	50	1.2	2	234	35
12	27	1	55	1.6	4	226	27
12	27	2	0	1.8	3	223	25
12	27	2	5	1.5	3	226	31
12	27	2	10	1.3	3	241	39
12	27	2	15	2.1	5	226	30
12	27	2	20	2.7	6	217	25
12	27	2	25	2.5	5	218	25
12	27	2	30	1.8	4	228	28
12	27	2	35	2.4	4	217	25
12	27	2	40	1.5	4	229	33
12	27	2	45	2.0	4	225	29
12	27	2	50	2.7	4	217	23
12	27	2	55	2.4	4	223	29
12	27	3	0	1.9	4	231	32
12	27	3	5	2.8	4	216	25
12	27	3	10	2.1	3	220	24
12	27	3	15	2.3	4	216	28
12	27	3	20	2.0	4	225	26
12	27	3	25	1.7	3	232	30
12	27	3	30	2.4	5	222	26
12	27	3	35	1.6	3	230	37
12	27	3	40	1.8	4	239	49
12	27	3	45	1.0	2	256	46
12	27	3	50	1.5	5	255	31
12	27	3	55	1.7	3	233	27

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	27	4	0	1.4	4	235	25
12	27	4	5	1.5	3	232	29
12	27	4	10	1.5	3	245	33
12	27	4	15	1.6	4	235	34
12	27	4	20	1.9	3	221	29
12	27	4	25	1.6	3	228	42
12	27	4	30	1.5	3	227	39
12	27	4	35	1.3	2	237	22
12	27	4	40	1.5	2	229	24
12	27	4	45	1.4	3	222	26
12	27	4	50	0.9	1	206	32
12	27	4	55	1.0	1	211	30
12	27	5	0	1.0	1	241	21
12	27	5	5	0.8	1	270	21
12	27	5	10	0.7	3	263	49
12	27	5	15	1.1	3	235	29
12	27	5	20	1.0	1	206	44
12	27	5	25	1.0	1	165	40
12	27	5	30	0.9	2	237	42
12	27	5	35	1.4	3	236	31
12	27	5	40	1.5	3	225	31
12	27	5	45	1.5	3	232	37
12	27	5	50	1.6	3	268	54
12	27	5	55	0.9	2	252	43
12	27	6	0	1.4	4	256	35
12	27	6	5	1.2	2	250	36
12	27	6	10	1.2	2	241	31
12	27	6	15	0.8	1	265	44
12	27	6	20	0.5	1	326	81
12	27	6	25	0.6	1	234	34
12	27	6	30	0.9	2	242	65
12	27	6	35	0.9	1	262	51
12	27	6	40	0.3	1	7	78
12	27	6	45	0.2	2	241	75
12	27	6	50	1.4	2	262	55
12	27	6	55	0.7	2	256	56
12	27	7	0	1.3	3	245	50
12	27	7	5	1.7	3	251	30
12	27	7	10	1.6	3	222	29
12	27	7	15	1.4	3	228	30
12	27	7	20	1.4	2	233	26
12	27	7	25	1.0	2	235	31
12	27	7	30	1.2	3	217	24
12	27	7	35	1.6	3	220	22
12	27	7	40	1.7	3	220	26
12	27	7	45	1.8	3	219	28
12	27	7	50	1.2	2	228	28
12	27	7	55	0.9	3	234	52
12	27	8	0	1.7	3	220	25
12	27	8	5	1.0	2	247	53
12	27	8	10	0.7	1	248	27
12	27	8	15	1.0	2	229	27
12	27	8	20	1.1	2	236	30
12	27	8	25	1.1	2	226	32
12	27	8	30	1.0	2	225	26
12	27	8	35	0.7	1	240	48
12	27	8	40	0.7	2	228	33
12	27	8	45	0.5	3	262	33
12	27	8	50	1.4	3	258	51
12	27	8	55	1.5	3	253	58
12	27	9	0	1.1	2	270	40
12	27	9	5	0.5	1	256	82
12	27	9	10	0.6	3	295	76
12	27	9	15	0.7	1	291	70
12	27	9	20	0.6	1	287	59
12	27	9	25	0.9	1	296	81
12	27	9	30	1.0	2	320	60
12	27	9	35	1.1	1	242	38
12	27	9	40	0.6	2	234	38
12	27	9	45	0.6	1	297	33
12	27	9	50	0.7	1	325	59
12	27	9	55	0.9	3	285	61
12	27	10	0	1.2	3	246	45
12	27	10	5	1.7	2	258	35
12	27	10	10	1.0	2	328	38
12	27	10	15	0.7	2	255	61
12	27	10	20	1.6	2	244	24
12	27	10	25	1.6	3	243	26
12	27	10	30	2.4	4	228	28
12	27	10	35	2.3	5	220	23
12	27	10	40	3.1	5	217	24
12	27	10	45	2.9	4	211	23
12	27	10	50	3.3	6	217	26
12	27	10	55	2.2	2	232	31

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	27	11	0	1.9	5	236	45
12	27	11	5	2.1	3	222	30
12	27	11	10	2.0	4	222	33
12	27	11	15	2.6	5	219	27
12	27	11	20	3.1	6	215	25
12	27	11	25	2.5	6	218	22
12	27	11	30	3.1	7	220	26
12	27	11	35	2.5	4	225	26
12	27	11	40	2.4	4	225	29
12	27	11	45	3.2	5	216	24
12	27	11	50	2.4	5	222	25
12	27	11	55	2.4	4	217	26
12	27	12	0	2.2	4	221	27
12	27	12	5	2.1	4	223	28
12	27	12	10	2.0	3	226	30
12	27	12	15	2.0	3	226	30
12	27	12	20	1.5	3	234	35
12	27	12	25	2.3	5	221	26
12	27	12	30	2.2	4	214	18
12	27	12	35	1.9	3	216	25
12	27	12	40	2.9	6	214	21
12	27	12	45	2.2	4	217	28
12	27	12	50	2.3	5	221	27
12	27	12	55	1.7	2	227	32
12	27	13	0	1.9	4	225	31
12	27	13	5	2.1	3	221	29
12	27	13	10	2.3	5	217	24
12	27	13	15	2.0	4	222	25
12	27	13	20	2.6	5	217	25
12	27	13	25	1.7	4	225	33
12	27	13	30	2.2	4	223	29
12	27	13	35	1.5	5	241	42
12	27	13	40	2.0	4	223	28
12	27	13	45	1.9	2	233	39
12	27	13	50	2.4	4	220	23
12	27	13	55	3.1	5	217	25
12	27	14	0	1.9	3	224	29
12	27	14	5	2.5	4	222	29
12	27	14	10	2.4	4	219	25
12	27	14	15	2.3	4	218	28
12	27	14	20	2.4	3	220	23
12	27	14	25	2.4	3	221	27
12	27	14	30	2.5	4	218	22
12	27	14	35	2.2	3	223	30
12	27	14	40	2.3	5	220	28
12	27	14	45	1.6	4	232	33
12	27	14	50	2.5	4	224	27
12	27	14	55	2.1	4	228	28
12	27	15	0	2.2	5	216	28
12	27	15	5	2.7	4	225	27
12	27	15	10	2.0	3	229	30
12	27	15	15	2.3	5	221	27
12	27	15	20	2.7	6	218	26
12	27	15	25	2.9	6	226	26
12	27	15	30	2.7	5	222	32
12	27	15	35	2.6	4	233	31
12	27	15	40	2.3	5	230	34
12	27	15	45	2.5	5	214	22
12	27	15	50	2.3	4	218	29
12	27	15	55	2.8	3	217	24
12	27	16	0	2.5	4	221	30
12	27	16	5	1.5	3	223	32
12	27	16	10	1.8	3	224	31
12	27	16	15	2.4	3	220	23
12	27	16	20	2.3	4	214	21
12	27	16	25	2.1	3	219	24
12	27	16	30	2.1	5	227	31
12	27	16	35	2.8	5	224	25
12	27	16	40	2.2	4	220	25
12	27	16	45	2.3	4	226	25
12	27	16	50	1.8	3	220	27
12	27	16	55	1.7	2	231	28
12	27	17	0	1.2	2	228	41
12	27	17	5	1.4	4	233	39
12	27	17	10	2.2	3	218	24
12	27	17	15	2.4	5	217	22
12	27	17	20	2.1	4	213	24
12	27	17	25	1.9	3	221	25
12	27	17	30	1.5	2	228	27
12	27	17	35	1.4	2	219	27
12	27	17	40	1.0	2	225	27
12	27	17	45	1.2	1	225	26
12	27	17	50	1.3	3	227	28
12	27	17	55	1.1	2	230	36

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	27	18	0	1.2	2	223	27
12	27	18	5	1.7	4	220	32
12	27	18	10	1.5	2	233	28
12	27	18	15	0.8	1	233	32
12	27	18	20	1.0	1	241	46
12	27	18	25	0.9	2	236	38
12	27	18	30	1.0	2	241	23
12	27	18	35	1.1	2	235	23
12	27	18	40	1.3	2	258	35
12	27	18	45	0.9	2	263	45
12	27	18	50	1.5	2	282	43
12	27	18	55	1.2	1	290	44
12	27	19	0	1.2	2	271	37
12	27	19	5	1.2	3	230	25
12	27	19	10	1.3	2	244	40
12	27	19	15	0.8	1	243	48
12	27	19	20	1.0	2	229	31
12	27	19	25	1.2	3	236	43
12	27	19	30	1.4	3	222	24
12	27	19	35	1.1	3	227	29
12	27	19	40	1.6	2	217	20
12	27	19	45	0.7	1	234	33
12	27	19	50	0.7	1	237	34
12	27	19	55	0.7	1	255	43
12	27	20	0	0.8	3	230	38
12	27	20	5	2.3	5	215	22
12	27	20	10	2.3	5	220	25
12	27	20	15	2.7	4	218	27
12	27	20	20	2.3	4	222	26
12	27	20	25	2.0	4	229	37
12	27	20	30	2.4	6	227	32
12	27	20	35	2.6	6	221	26
12	27	20	40	2.5	6	221	26
12	27	20	45	2.5	5	220	24
12	27	20	50	2.7	4	216	26
12	27	20	55	1.6	4	219	30
12	27	21	0	1.8	3	227	31
12	27	21	5	2.0	4	217	23
12	27	21	10	1.7	2	216	23
12	27	21	15	1.3	2	224	35
12	27	21	20	1.1	2	235	30
12	27	21	25	0.8	2	245	29
12	27	21	30	1.2	2	228	22
12	27	21	35	1.5	3	229	23
12	27	21	40	1.2	2	246	24
12	27	21	45	1.3	3	244	32
12	27	21	50	1.5	3	233	23
12	27	21	55	1.4	4	228	27
12	27	22	0	1.4	3	251	27
12	27	22	5	1.6	3	227	27
12	27	22	10	1.1	1	251	27
12	27	22	15	1.4	3	242	21
12	27	22	20	1.3	1	240	23
12	27	22	25	1.1	3	231	33
12	27	22	30	0.8	2	250	34
12	27	22	35	1.2	2	235	33
12	27	22	40	2.1	4	218	22
12	27	22	45	2.2	4	218	25
12	27	22	50	1.7	4	218	32
12	27	22	55	1.6	2	224	26
12	27	23	0	1.3	3	219	28
12	27	23	5	1.4	2	232	25
12	27	23	10	0.9	1	225	26
12	27	23	15	1.2	2	230	25
12	27	23	20	0.9	2	246	20
12	27	23	25	1.2	2	234	30
12	27	23	30	1.1	2	223	32
12	27	23	35	0.8	1	275	34
12	27	23	40	1.2	2	256	55
12	27	23	45	1.5	3	287	42
12	27	23	50	1.3	3	257	28
12	27	23	55	0.5	1	302	69
12	28	0	0	0.9	1	271	53
12	28	0	5	1.4	3	248	34
12	28	0	10	0.8	3	299	60
12	28	0	15	0.5	0	305	52
12	28	0	20	1.2	3	272	45
12	28	0	25	0.6	0	309	80
12	28	0	30	0.8	1	300	56
12	28	0	35	0.9	2	301	63
12	28	0	40	1.4	3	304	36
12	28	0	45	0.8	1	315	39
12	28	0	50	0.6	1	321	45
12	28	0	55	0.4	1	329	64

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	28	1	0	0.8	2	260	40
12	28	1	5	0.9	2	261	46
12	28	1	10	1.0	2	298	54
12	28	1	15	0.5	1	353	63
12	28	1	20	1.1	0	282	81
12	28	1	25	0.7	2	325	51
12	28	1	30	0.8	1	280	64
12	28	1	35	1.0	2	262	54
12	28	1	40	0.3	2	304	76
12	28	1	45	1.0	3	285	53
12	28	1	50	1.4	2	295	37
12	28	1	55	0.6	2	298	62
12	28	2	0	1.1	2	332	37
12	28	2	5	0.8	1	309	64
12	28	2	10	0.7	2	322	57
12	28	2	15	0.9	1	305	49
12	28	2	20	0.9	2	342	34
12	28	2	25	1.1	2	350	38
12	28	2	30	0.9	2	279	62
12	28	2	35	1.0	2	308	46
12	28	2	40	0.7	2	338	38
12	28	2	45	1.3	2	348	22
12	28	2	50	1.0	1	350	41
12	28	2	55	1.1	2	342	21
12	28	3	0	1.2	2	350	23
12	28	3	5	1.3	1	353	23
12	28	3	10	0.9	1	355	23
12	28	3	15	0.8	1	347	30
12	28	3	20	1.1	2	348	23
12	28	3	25	0.8	1	329	45
12	28	3	30	0.8	1	286	55
12	28	3	35	0.5	1	353	71
12	28	3	40	0.3	1	344	82
12	28	3	45	0.7	1	346	40
12	28	3	50	0.7	1	295	53
12	28	3	55	1.0	1	260	52
12	28	4	0	0.7	1	318	47
12	28	4	5	1.4	1	330	35
12	28	4	10	1.0	2	345	30
12	28	4	15	1.0	3	345	48
12	28	4	20	1.1	2	347	33
12	28	4	25	1.3	3	342	28
12	28	4	30	1.4	1	350	29
12	28	4	35	0.9	2	349	57
12	28	4	40	1.5	2	358	30
12	28	4	45	1.6	2	353	21
12	28	4	50	1.8	3	356	23
12	28	4	55	1.8	3	344	22
12	28	5	0	0.3	0	316	53
12	28	5	5	0.4	1	305	40
12	28	5	10	1.2	2	357	23
12	28	5	15	1.9	3	0	26
12	28	5	20	1.5	3	353	31
12	28	5	25	1.3	3	351	25
12	28	5	30	1.1	1	346	25
12	28	5	35	1.0	3	334	40
12	28	5	40	1.1	2	341	35
12	28	5	45	1.1	2	316	58
12	28	5	50	0.6	1	300	49
12	28	5	55	0.5	1	292	38
12	28	6	0	0.8	0	315	46
12	28	6	5	0.7	2	328	42
12	28	6	10	1.1	1	333	36
12	28	6	15	1.5	3	349	17
12	28	6	20	1.1	1	340	29
12	28	6	25	1.3	2	340	21
12	28	6	30	0.9	1	351	27
12	28	6	35	1.5	2	349	19
12	28	6	40	0.8	1	326	38
12	28	6	45	1.0	2	346	27
12	28	6	50	0.7	1	338	24
12	28	6	55	0.8	1	332	22
12	28	7	0	0.7	2	293	46
12	28	7	5	0.6	1	270	36
12	28	7	10	0.6	1	306	57
12	28	7	15	0.6	1	344	46
12	28	7	20	0.8	2	355	33
12	28	7	25	0.7	0	351	62
12	28	7	30	0.7	1	268	46
12	28	7	35	0.6	1	304	41
12	28	7	40	0.5	2	317	53
12	28	7	45	0.3	0	305	52
12	28	7	50	0.7	2	285	39
12	28	7	55	1.0	3	274	45

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	28	8	0	0.9	1	327	53
12	28	8	5	1.1	3	337	55
12	28	8	10	0.8	1	7	28
12	28	8	15	0.7	1	340	24
12	28	8	20	0.8	2	350	30
12	28	8	25	1.0	3	358	35
12	28	8	30	0.9	1	342	47
12	28	8	35	1.0	2	357	27
12	28	8	40	1.0	2	355	44
12	28	8	45	1.3	3	355	29
12	28	8	50	1.0	1	16	58
12	28	8	55	1.0	2	4	30
12	28	9	0	1.2	1	1	31
12	28	9	5	0.7	2	0	37
12	28	9	10	1.1	2	7	36
12	28	9	15	1.2	3	342	33
12	28	9	20	1.6	4	351	28
12	28	9	25	1.3	3	4	26
12	28	9	30	0.6	1	344	55
12	28	9	35	0.3	2	269	50
12	28	9	40	1.1	1	332	39
12	28	9	45	0.6	1	10	38
12	28	9	50	1.3	2	7	29
12	28	9	55	1.0	2	6	42
12	28	10	0	0.4	1	340	47
12	28	10	5	0.7	1	351	54
12	28	10	10	0.7	2	8	41
12	28	10	15	0.8	1	332	74
12	28	10	20	0.8	3	1	45
12	28	10	25	0.8	2	17	53
12	28	10	30	1.1	2	22	46
12	28	10	35	1.2	3	359	46
12	28	10	40	0.9	1	2	48
12	28	10	45	1.1	2	345	27
12	28	10	50	1.7	2	359	27
12	28	10	55	1.5	4	4	41
12	28	11	0	1.1	2	352	34
12	28	11	5	1.1	2	344	29
12	28	11	10	0.9	2	343	35
12	28	11	15	1.0	2	338	52
12	28	11	20	0.8	3	352	44
12	28	11	25	0.9	2	358	51
12	28	11	30	0.7	2	316	40
12	28	11	35	0.4	1	336	76
12	28	11	40	0.7	1	358	50
12	28	11	45	1.0	3	18	45
12	28	11	50	0.8	2	341	87
12	28	11	55	0.8	2	350	28
12	28	12	0	1.3	2	14	26
12	28	12	5	1.5	3	356	29
12	28	12	10	1.3	2	359	33
12	28	12	15	1.0	3	347	38
12	28	12	20	1.1	3	341	27
12	28	12	25	1.6	3	18	37
12	28	12	30	0.8	1	274	74
12	28	12	35	1.0	3	336	37
12	28	12	40	1.1	1	346	29
12	28	12	45	0.8	2	348	42
12	28	12	50	1.1	1	342	26
12	28	12	55	1.0	2	354	32
12	28	13	0	0.6	0	49	71
12	28	13	5	0.9	2	351	63
12	28	13	10	0.9	3	335	42
12	28	13	15	1.3	2	342	34
12	28	13	20	0.6	1	334	69
12	28	13	25	0.8	1	336	39
12	28	13	30	0.8	2	359	27
12	28	13	35	1.5	3	10	31
12	28	13	40	0.9	2	23	58
12	28	13	45	0.4	1	338	55
12	28	13	50	0.9	2	350	31
12	28	13	55	0.8	2	17	49
12	28	14	0	0.6	2	340	48
12	28	14	5	0.9	2	334	74
12	28	14	10	0.5	2	231	86
12	28	14	15	0.6	2	312	68
12	28	14	20	0.5	2	333	53
12	28	14	25	0.8	1	331	36
12	28	14	30	0.7	1	278	66
12	28	14	35	1.4	3	235	28
12	28	14	40	0.3	1	274	40
12	28	14	45	0.6	1	262	55
12	28	14	50	0.5	1	286	78
12	28	14	55	0.4	1	251	74

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	28	15	0	0.7	1	327	49
12	28	15	5	0.6	2	240	58
12	28	15	10	0.4	1	251	63
12	28	15	15	0.9	2	270	78
12	28	15	20	0.8	1	244	57
12	28	15	25	1.0	1	282	36
12	28	15	30	0.8	2	313	42
12	28	15	35	0.8	2	269	44
12	28	15	40	0.7	1	276	44
12	28	15	45	0.5	1	268	67
12	28	15	50	0.6	0	318	40
12	28	15	55	0.5	2	285	69
12	28	16	0	0.5	1	330	52
12	28	16	5	0.2	1	338	47
12	28	16	10	0.3	2	349	54
12	28	16	15	0.3	1	303	61
12	28	16	20	0.5	2	291	50
12	28	16	25	0.7	1	264	19
12	28	16	30	0.8	2	313	36
12	28	16	35	0.5	0	330	34
12	28	16	40	0.2	1	218	29
12	28	16	45	0.4	0	240	34
12	28	16	50	0.6	1	246	41
12	28	16	55	0.4	2	218	19
12	28	17	0	0.4	1	228	34
12	28	17	5	0.5	1	230	30
12	28	17	10	0.5	1	237	42
12	28	17	15	1.1	2	213	17
12	28	17	20	2.0	3	211	19
12	28	17	25	1.6	2	209	21
12	28	17	30	1.1	3	217	26
12	28	17	35	1.6	2	212	25
12	28	17	40	1.8	3	211	21
12	28	17	45	1.9	3	212	23
12	28	17	50	2.1	4	212	25
12	28	17	55	1.2	3	216	26
12	28	18	0	1.8	3	211	20
12	28	18	5	2.1	4	214	26
12	28	18	10	1.9	4	216	23
12	28	18	15	1.6	3	217	25
12	28	18	20	2.2	3	215	20
12	28	18	25	1.4	3	220	29
12	28	18	30	1.9	4	217	24
12	28	18	35	1.2	1	224	35
12	28	18	40	2.1	4	215	23
12	28	18	45	1.6	1	224	38
12	28	18	50	1.5	3	222	29
12	28	18	55	1.3	1	226	28
12	28	19	0	1.4	4	234	28
12	28	19	5	1.6	3	220	29
12	28	19	10	0.9	2	241	49
12	28	19	15	1.7	2	221	36
12	28	19	20	1.8	4	215	28
12	28	19	25	1.3	1	223	29
12	28	19	30	1.0	2	220	30
12	28	19	35	1.2	1	241	37
12	28	19	40	1.3	3	217	29
12	28	19	45	1.1	1	235	35
12	28	19	50	0.4	1	207	46
12	28	19	55	1.5	3	211	23
12	28	20	0	1.2	3	239	38
12	28	20	5	0.9	2	224	49
12	28	20	10	0.9	1	235	34
12	28	20	15	0.9	3	201	54
12	28	20	20	0.5	0	216	72
12	28	20	25	0.6	1	207	23
12	28	20	30	0.6	2	196	24
12	28	20	35	2.1	3	213	23
12	28	20	40	1.4	2	221	34
12	28	20	45	1.8	3	223	28
12	28	20	50	1.9	3	217	28
12	28	20	55	0.8	1	256	63
12	28	21	0	0.6	2	233	40
12	28	21	5	1.3	3	232	33
12	28	21	10	0.7	1	255	46
12	28	21	15	0.5	0	318	47
12	28	21	20	0.7	2	341	39
12	28	21	25	0.4	1	7	53
12	28	21	30	0.3	1	171	30
12	28	21	35	0.3	1	193	7
12	28	21	40	0.1	0	21	70
12	28	21	45	0.4	1	30	55
12	28	21	50	0.3	1	146	100
12	28	21	55	0.2	0	152	21

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	28	22	0	0.4	1	124	21
12	28	22	5	0.3	0	139	23
12	28	22	10	0.2	0	142	14
12	28	22	15	0.3	1	141	24
12	28	22	20	0.5	0	114	24
12	28	22	25	0.3	1	129	36
12	28	22	30	0.3	1	104	37
12	28	22	35	0.3	1	87	46
12	28	22	40	0.5	1	19	43
12	28	22	45	0.3	1	65	43
12	28	22	50	0.1	0	17	56
12	28	22	55	0.6	2	348	37
12	28	23	0	0.9	1	357	40
12	28	23	5	0.3	1	349	41
12	28	23	10	0.5	1	34	45
12	28	23	15	0.5	1	4	28
12	28	23	20	0.8	2	350	35
12	28	23	25	0.6	1	53	49
12	28	23	30	0.3	0	9	67
12	28	23	35	0.2	1	357	57
12	28	23	40	0.1	0	1	47
12	28	23	45	0.0	0	264	31
12	28	23	50	0.1	1	140	55
12	28	23	55	0.5	1	15	57
12	29	0	0	0.7	1	21	32
12	29	0	5	0.7	0	19	26
12	29	0	10	0.2	0	352	24
12	29	0	15	0.0	0	181	72
12	29	0	20	0.5	2	64	52
12	29	0	25	1.0	1	32	26
12	29	0	30	0.2	0	44	75
12	29	0	35	0.1	0	73	50
12	29	0	40	0.1	0	340	39
12	29	0	45	0.3	1	13	71
12	29	0	50	0.5	2	27	68
12	29	0	55	0.6	1	22	36
12	29	1	0	0.6	2	58	61
12	29	1	5	0.3	0	109	53
12	29	1	10	0.9	3	13	24
12	29	1	15	1.3	1	239	79
12	29	1	20	0.6	1	202	62
12	29	1	25	0.8	1	327	67
12	29	1	30	0.3	1	101	60
12	29	1	35	0.5	1	311	71
12	29	1	40	0.9	1	335	37
12	29	1	45	0.7	1	4	31
12	29	1	50	0.6	1	356	29
12	29	1	55	0.7	2	2	36
12	29	2	0	0.8	2	43	51
12	29	2	5	0.7	1	37	63
12	29	2	10	0.2	1	355	69
12	29	2	15	0.9	2	29	30
12	29	2	20	0.9	1	41	34
12	29	2	25	0.6	1	19	42
12	29	2	30	0.3	0	29	92
12	29	2	35	0.5	1	242	63
12	29	2	40	0.9	2	239	48
12	29	2	45	1.1	2	217	32
12	29	2	50	0.9	2	213	51
12	29	2	55	1.1	1	266	78
12	29	3	0	0.2	0	109	59
12	29	3	5	0.6	2	69	62
12	29	3	10	1.3	2	15	34
12	29	3	15	0.8	1	16	60
12	29	3	20	1.1	2	353	34
12	29	3	25	1.0	3	1	29
12	29	3	30	1.3	2	358	24
12	29	3	35	1.0	2	356	19
12	29	3	40	0.9	1	352	28
12	29	3	45	0.9	1	345	25
12	29	3	50	1.2	2	346	20
12	29	3	55	0.4	0	312	44
12	29	4	0	0.2	0	336	36
12	29	4	5	0.2	0	321	29
12	29	4	10	0.4	1	274	87
12	29	4	15	0.9	1	284	31
12	29	4	20	0.5	1	239	27
12	29	4	25	0.4	2	0	67
12	29	4	30	0.7	1	347	24
12	29	4	35	0.1	0	289	64
12	29	4	40	0.2	1	356	25
12	29	4	45	0.6	1	1	19
12	29	4	50	0.4	1	313	73
12	29	4	55	0.7	2	271	42

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	29	5	0	0.3	1	186	95
12	29	5	5	0.4	1	253	51
12	29	5	10	0.8	2	252	27
12	29	5	15	0.3	1	268	43
12	29	5	20	0.6	1	252	37
12	29	5	25	0.4	1	279	50
12	29	5	30	0.6	1	9	36
12	29	5	35	0.7	1	354	19
12	29	5	40	0.3	1	261	31
12	29	5	45	0.8	2	257	27
12	29	5	50	0.9	1	309	39
12	29	5	55	0.9	2	266	26
12	29	6	0	0.6	1	273	59
12	29	6	5	0.3	0	350	39
12	29	6	10	0.2	1	11	20
12	29	6	15	0.1	0	319	70
12	29	6	20	0.4	1	240	65
12	29	6	25	0.2	1	251	60
12	29	6	30	0.3	1	239	31
12	29	6	35	0.5	1	254	23
12	29	6	40	0.1	0	223	48
12	29	6	45	0.5	2	237	29
12	29	6	50	0.7	1	262	21
12	29	6	55	0.3	1	330	42
12	29	7	0	0.5	1	308	49
12	29	7	5	0.7	1	1	25
12	29	7	10	0.3	2	295	43
12	29	7	15	0.8	1	325	40
12	29	7	20	0.6	1	347	32
12	29	7	25	0.5	1	335	28
12	29	7	30	0.4	1	269	52
12	29	7	35	0.6	2	313	67
12	29	7	40	0.6	1	315	62
12	29	7	45	0.4	1	254	39
12	29	7	50	0.3	1	302	46
12	29	7	55	0.7	1	285	50
12	29	8	0	1.1	2	347	24
12	29	8	5	1.7	3	346	23
12	29	8	10	1.6	3	349	23
12	29	8	15	1.6	3	354	29
12	29	8	20	1.6	2	353	35
12	29	8	25	0.7	2	349	38
12	29	8	30	0.4	1	12	45
12	29	8	35	0.3	1	312	52
12	29	8	40	0.5	1	339	26
12	29	8	45	0.7	2	7	27
12	29	8	50	0.7	2	350	36
12	29	8	55	1.0	2	350	21
12	29	9	0	0.6	1	350	35
12	29	9	5	1.1	2	353	19
12	29	9	10	1.2	2	351	20
12	29	9	15	1.1	2	346	22
12	29	9	20	1.2	2	342	18
12	29	9	25	1.0	2	339	16
12	29	9	30	1.1	1	346	23
12	29	9	35	0.7	2	9	36
12	29	9	40	1.2	2	342	21
12	29	9	45	1.0	2	3	52
12	29	9	50	0.9	2	343	51
12	29	9	55	1.0	2	337	24
12	29	10	0	1.0	1	349	20
12	29	10	5	0.8	2	345	19
12	29	10	10	1.2	2	15	20
12	29	10	15	1.3	2	23	29
12	29	10	20	0.6	2	343	43
12	29	10	25	0.7	1	337	37
12	29	10	30	1.1	1	342	26
12	29	10	35	0.9	1	349	24
12	29	10	40	1.5	3	351	21
12	29	10	45	1.3	1	347	23
12	29	10	50	1.3	2	354	19
12	29	10	55	1.0	1	334	29
12	29	11	0	0.7	1	318	49
12	29	11	5	0.8	1	280	45
12	29	11	10	0.3	0	39	70
12	29	11	15	0.4	1	15	32
12	29	11	20	1.0	2	359	27
12	29	11	25	0.8	3	24	67
12	29	11	30	0.8	2	341	37
12	29	11	35	1.2	2	267	40
12	29	11	40	1.4	3	255	47
12	29	11	45	1.3	2	286	42
12	29	11	50	1.4	2	253	42
12	29	11	55	1.2	1	307	42



DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	29	12	0	1.2	1	262	67
12	29	12	5	0.6	1	295	76
12	29	12	10	0.8	1	282	78
12	29	12	15	0.8	1	306	83
12	29	12	20	0.6	1	243	61
12	29	12	25	1.1	3	249	47
12	29	12	30	0.7	1	203	75
12	29	12	35	0.6	2	260	71
12	29	12	40	0.8	2	347	48
12	29	12	45	0.9	1	341	44
12	29	12	50	1.3	3	334	50
12	29	12	55	1.2	3	4	83
12	29	13	0	1.2	3	318	59
12	29	13	5	0.9	3	194	95
12	29	13	10	1.0	2	24	53
12	29	13	15	0.8	1	357	59
12	29	13	20	0.7	2	285	80
12	29	13	25	1.7	2	215	30
12	29	13	30	0.7	2	279	67
12	29	13	35	1.0	1	278	53
12	29	13	40	0.8	2	311	72
12	29	13	45	1.2	2	296	43
12	29	13	50	1.1	3	245	59
12	29	13	55	0.8	2	259	64
12	29	14	0	0.8	3	253	54
12	29	14	5	0.9	1	251	36
12	29	14	10	0.8	2	336	51
12	29	14	15	1.2	2	351	37
12	29	14	20	1.0	2	332	40
12	29	14	25	0.5	1	355	77
12	29	14	30	0.7	2	325	78
12	29	14	35	1.3	2	336	57
12	29	14	40	0.7	1	316	71
12	29	14	45	1.0	1	5	38
12	29	14	50	0.9	2	357	43
12	29	14	55	0.7	1	327	45
12	29	15	0	0.7	1	270	58
12	29	15	5	0.9	2	277	55
12	29	15	10	0.5	1	281	75
12	29	15	15	0.5	1	288	43
12	29	15	20	0.4	1	287	53
12	29	15	25	1.1	2	277	31
12	29	15	30	1.0	2	266	45
12	29	15	35	0.9	1	267	20
12	29	15	40	0.6	0	290	44
12	29	15	45	0.5	0	318	42
12	29	15	50	0.7	1	296	63
12	29	15	55	0.8	2	258	47
12	29	16	0	0.6	1	348	39
12	29	16	5	0.4	1	275	57
12	29	16	10	0.4	1	328	78
12	29	16	15	0.8	2	258	54
12	29	16	20	0.9	2	256	29
12	29	16	25	0.9	3	269	48
12	29	16	30	0.7	0	292	49
12	29	16	35	0.4	2	311	54
12	29	16	40	0.8	1	338	19
12	29	16	45	0.7	2	243	26
12	29	16	50	1.1	0	231	36
12	29	16	55	1.0	2	262	29
12	29	17	0	0.9	2	239	37
12	29	17	5	1.6	3	214	21
12	29	17	10	1.2	2	216	27
12	29	17	15	1.3	2	206	23
12	29	17	20	1.0	1	203	18
12	29	17	25	1.0	2	210	17
12	29	17	30	0.8	2	208	19
12	29	17	35	1.0	2	211	18
12	29	17	40	0.8	2	208	16
12	29	17	45	1.1	2	204	22
12	29	17	50	1.3	1	203	14
12	29	17	55	1.1	2	217	20
12	29	18	0	1.1	2	204	17
12	29	18	5	1.5	2	206	22
12	29	18	10	1.5	3	211	20
12	29	18	15	1.7	3	218	21
12	29	18	20	2.2	3	216	23
12	29	18	25	1.7	2	215	25
12	29	18	30	1.8	3	217	32
12	29	18	35	1.3	3	228	35
12	29	18	40	1.6	2	219	29
12	29	18	45	0.7	1	208	27
12	29	18	50	1.0	1	207	25
12	29	18	55	0.7	1	205	14

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	29	19	0	0.8	1	189	16
12	29	19	5	0.7	1	197	14
12	29	19	10	0.1	0	200	20
12	29	19	15	0.0	0	164	18
12	29	19	20	0.0	0	178	25
12	29	19	25	0.1	1	196	82
12	29	19	30	0.2	0	358	73
12	29	19	35	0.4	1	212	53
12	29	19	40	0.6	2	155	38
12	29	19	45	0.3	0	161	32
12	29	19	50	1.0	1	187	11
12	29	19	55	1.1	2	188	13
12	29	20	0	0.7	1	189	23
12	29	20	5	0.8	1	185	16
12	29	20	10	0.8	1	196	13
12	29	20	15	0.6	1	203	22
12	29	20	20	0.6	1	202	15
12	29	20	25	0.5	1	195	12
12	29	20	30	0.5	1	206	18
12	29	20	35	0.3	0	207	10
12	29	20	40	0.2	1	218	19
12	29	20	45	0.2	1	194	9
12	29	20	50	0.1	0	229	21
12	29	20	55	0.0	0	210	32
12	29	21	0	0.2	1	158	40
12	29	21	5	0.1	0	200	18
12	29	21	10	0.0	0	218	9
12	29	21	15	0.1	0	211	6
12	29	21	20	0.1	0	211	11
12	29	21	25	0.1	0	220	13
12	29	21	30	0.2	0	193	10
12	29	21	35	0.4	1	201	9
12	29	21	40	0.1	0	209	10
12	29	21	45	0.1	0	205	10
12	29	21	50	0.0	0	204	12
12	29	21	55	0.0	0	194	2
12	29	22	0	0.3	0	221	19
12	29	22	5	0.0	0	213	8
12	29	22	10	0.0	0	198	2
12	29	22	15	0.1	1	110	63
12	29	22	20	0.1	0	79	39
12	29	22	25	0.2	0	35	58
12	29	22	30	0.0	0	308	65
12	29	22	35	0.2	0	212	18
12	29	22	40	0.0	0	174	3
12	29	22	45	0.1	0	154	18
12	29	22	50	0.4	0	81	84
12	29	22	55	0.3	1	89	36
12	29	23	0	0.4	0	77	48
12	29	23	5	0.4	1	89	19
12	29	23	10	0.5	0	100	17
12	29	23	15	0.3	1	111	14
12	29	23	20	0.4	0	102	15
12	29	23	25	0.2	0	218	33
12	29	23	30	0.3	0	207	8
12	29	23	35	0.1	0	214	8
12	29	23	40	0.3	1	217	15
12	29	23	45	0.4	1	221	17
12	29	23	50	0.5	1	221	18
12	29	23	55	0.0	0	210	22
12	30	0	0	0.0	0	158	14
12	30	0	5	0.0	0	188	17
12	30	0	10	0.0	0	166	28
12	30	0	15	0.2	0	193	24
12	30	0	20	0.1	0	201	3
12	30	0	25	0.2	0	205	9
12	30	0	30	0.2	0	195	23
12	30	0	35	0.2	0	212	20
12	30	0	40	0.2	0	230	21
12	30	0	45	0.3	1	230	16
12	30	0	50	0.2	0	222	17
12	30	0	55	0.4	0	219	13
12	30	1	0	0.1	0	217	4
12	30	1	5	0.2	1	208	7
12	30	1	10	0.1	0	180	26
12	30	1	15	0.2	1	193	26
12	30	1	20	0.5	1	239	17
12	30	1	25	0.4	1	229	16
12	30	1	30	0.6	1	222	17
12	30	1	35	0.8	1	221	21
12	30	1	40	0.2	0	232	17
12	30	1	45	0.4	0	226	21
12	30	1	50	0.2	0	206	21
12	30	1	55	0.1	0	178	15

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	30	2	0	0.3	0	198	13
12	30	2	5	0.0	0	169	3
12	30	2	10	0.2	0	185	16
12	30	2	15	0.2	0	209	5
12	30	2	20	0.1	0	235	15
12	30	2	25	0.2	0	251	25
12	30	2	30	0.1	0	251	43
12	30	2	35	0.0	0	153	19
12	30	2	40	0.1	0	135	17
12	30	2	45	0.4	0	224	18
12	30	2	50	0.3	0	220	36
12	30	2	55	0.4	1	213	18
12	30	3	0	0.4	1	217	22
12	30	3	5	0.2	0	310	74
12	30	3	10	0.3	1	95	59
12	30	3	15	0.1	0	185	29
12	30	3	20	0.0	0	290	41
12	30	3	25	0.2	1	322	51
12	30	3	30	0.1	0	35	23
12	30	3	35	0.6	2	22	28
12	30	3	40	1.1	1	8	23
12	30	3	45	0.9	2	9	36
12	30	3	50	0.7	1	56	64
12	30	3	55	0.6	2	37	70
12	30	4	0	0.7	1	53	49
12	30	4	5	0.2	1	2	97
12	30	4	10	0.8	1	263	26
12	30	4	15	0.3	1	244	49
12	30	4	20	0.6	1	284	62
12	30	4	25	0.1	0	41	92
12	30	4	30	0.0	0	238	11
12	30	4	35	0.0	0	220	46
12	30	4	40	0.4	0	59	44
12	30	4	45	0.2	0	112	49
12	30	4	50	0.1	1	96	39
12	30	4	55	0.5	1	254	95
12	30	5	0	0.7	1	309	69
12	30	5	5	0.2	0	309	66
12	30	5	10	0.1	0	151	22
12	30	5	15	0.3	0	120	15
12	30	5	20	0.4	1	103	29
12	30	5	25	0.5	1	78	24
12	30	5	30	0.4	1	125	30
12	30	5	35	0.5	1	120	12
12	30	5	40	0.1	0	40	61
12	30	5	45	0.4	0	247	32
12	30	5	50	0.0	0	196	49
12	30	5	55	0.2	1	128	59
12	30	6	0	0.6	1	55	42
12	30	6	5	0.3	1	74	42
12	30	6	10	0.5	1	10	33
12	30	6	15	0.5	1	1	37
12	30	6	20	0.4	0	340	18
12	30	6	25	0.5	1	348	19
12	30	6	30	0.2	0	26	60
12	30	6	35	0.7	1	43	33
12	30	6	40	0.2	0	67	36
12	30	6	45	0.7	1	6	24
12	30	6	50	1.0	2	29	18
12	30	6	55	0.5	1	14	31
12	30	7	0	0.6	1	5	30
12	30	7	5	0.1	0	356	46
12	30	7	10	0.3	0	341	24
12	30	7	15	0.2	0	350	62
12	30	7	20	0.0	0	264	98
12	30	7	25	0.6	1	353	38
12	30	7	30	0.4	1	335	54
12	30	7	35	0.4	1	296	65
12	30	7	40	0.3	1	293	79
12	30	7	45	0.3	0	237	54
12	30	7	50	0.7	2	349	25
12	30	7	55	0.6	1	66	57
12	30	8	0	0.7	2	31	43
12	30	8	5	0.6	1	94	39
12	30	8	10	0.6	1	1	46
12	30	8	15	0.7	1	94	70
12	30	8	20	0.9	1	39	37
12	30	8	25	0.8	2	268	89
12	30	8	30	1.1	2	44	46
12	30	8	35	0.4	0	267	60
12	30	8	40	1.6	2	15	20
12	30	8	45	0.7	1	39	42
12	30	8	50	0.6	1	349	88
12	30	8	55	0.7	1	180	54

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	30	9	0	0.4	0	144	93
12	30	9	5	1.7	3	26	35
12	30	9	10	0.9	1	357	61
12	30	9	15	1.1	2	36	72
12	30	9	20	1.1	2	34	60
12	30	9	25	0.9	3	71	52
12	30	9	30	1.5	3	43	39
12	30	9	35	1.0	1	16	65
12	30	9	40	0.7	2	17	47
12	30	9	45	0.4	1	258	81
12	30	9	50	0.7	2	225	31
12	30	9	55	0.5	1	267	68
12	30	10	0	0.8	1	18	48
12	30	10	5	0.7	1	55	73
12	30	10	10	0.8	1	311	53
12	30	10	15	0.5	1	44	54
12	30	10	20	1.3	2	34	38
12	30	10	25	0.3	1	358	64
12	30	10	30	1.0	1	351	53
12	30	10	35	1.1	1	38	57
12	30	10	40	1.5	2	16	46
12	30	10	45	0.6	1	343	69
12	30	10	50	0.7	2	348	59
12	30	10	55	0.6	1	46	76
12	30	11	0	2.4	5	31	27
12	30	11	5	1.3	2	42	44
12	30	11	10	1.4	2	34	34
12	30	11	15	1.6	3	31	40
12	30	11	20	1.1	1	353	70
12	30	11	25	0.6	2	339	42
12	30	11	30	0.7	2	10	39
12	30	11	35	0.7	3	321	70
12	30	11	40	0.6	2	334	69
12	30	11	45	1.4	3	347	34
12	30	11	50	1.7	4	341	34
12	30	11	55	1.2	2	344	31
12	30	12	0	1.5	3	336	28
12	30	12	5	0.9	1	8	36
12	30	12	10	1.0	2	334	39
12	30	12	15	0.9	2	19	51
12	30	12	20	1.1	1	26	58
12	30	12	25	0.6	1	259	89
12	30	12	30	0.9	2	358	42
12	30	12	35	1.7	4	15	34
12	30	12	40	0.7	1	328	70
12	30	12	45	1.0	3	328	70
12	30	12	50	0.9	2	291	58
12	30	12	55	1.5	2	350	41
12	30	13	0	1.3	2	1	33
12	30	13	5	0.9	2	255	54
12	30	13	10	0.6	2	284	36
12	30	13	15	0.8	2	317	50
12	30	13	20	1.4	2	5	26
12	30	13	25	0.8	3	327	41
12	30	13	30	1.3	1	8	29
12	30	13	35	1.3	2	352	27
12	30	13	40	0.4	1	342	50
12	30	13	45	1.0	2	334	46
12	30	13	50	0.9	2	0	32
12	30	13	55	0.8	1	311	72
12	30	14	0	1.1	3	219	47
12	30	14	5	1.3	4	228	28
12	30	14	10	2.0	3	220	24
12	30	14	15	1.5	2	217	25
12	30	14	20	1.1	3	228	56
12	30	14	25	1.5	3	216	23
12	30	14	30	1.5	2	224	29
12	30	14	35	1.4	3	217	28
12	30	14	40	1.5	2	223	35
12	30	14	45	1.7	4	224	32
12	30	14	50	1.1	1	214	41
12	30	14	55	1.2	2	226	38
12	30	15	0	1.3	4	220	35
12	30	15	5	1.7	3	220	27
12	30	15	10	1.3	0	227	50
12	30	15	15	1.6	3	221	30
12	30	15	20	2.2	3	215	21
12	30	15	25	1.7	4	221	30
12	30	15	30	1.3	4	220	27
12	30	15	35	1.5	1	231	38
12	30	15	40	1.4	3	227	41
12	30	15	45	1.3	3	217	38
12	30	15	50	1.2	4	226	42
12	30	15	55	1.2	3	225	33

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	30	16	0	1.7	2	229	28
12	30	16	5	1.7	3	223	28
12	30	16	10	1.6	2	226	30
12	30	16	15	1.6	3	230	27
12	30	16	20	1.8	4	238	29
12	30	16	25	1.5	2	224	31
12	30	16	30	1.5	2	232	29
12	30	16	35	1.7	4	236	36
12	30	16	40	1.9	3	234	24
12	30	16	45	1.5	3	239	32
12	30	16	50	1.6	3	250	36
12	30	16	55	1.6	3	238	33
12	30	17	0	0.7	1	260	37
12	30	17	5	0.7	1	235	42
12	30	17	10	0.6	3	270	57
12	30	17	15	0.7	2	256	40
12	30	17	20	0.7	2	247	61
12	30	17	25	0.5	1	212	95
12	30	17	30	0.4	1	326	36
12	30	17	35	0.9	3	225	71
12	30	17	40	0.8	2	221	47
12	30	17	45	0.5	1	243	47
12	30	17	50	0.3	1	218	53
12	30	17	55	0.8	2	230	61
12	30	18	0	1.0	2	224	31
12	30	18	5	1.0	2	228	53
12	30	18	10	0.5	0	223	42
12	30	18	15	0.7	3	202	59
12	30	18	20	0.8	2	212	38
12	30	18	25	1.1	3	227	37
12	30	18	30	0.8	2	219	35
12	30	18	35	1.3	2	244	42
12	30	18	40	1.6	3	234	31
12	30	18	45	1.8	2	236	24
12	30	18	50	1.7	5	232	30
12	30	18	55	1.5	3	242	29
12	30	19	0	1.8	3	242	28
12	30	19	5	1.7	4	232	32
12	30	19	10	1.5	3	232	50
12	30	19	15	1.2	3	247	31
12	30	19	20	1.1	3	267	49
12	30	19	25	1.6	5	230	33
12	30	19	30	1.2	3	257	50
12	30	19	35	1.3	3	287	50
12	30	19	40	1.2	2	217	52
12	30	19	45	1.0	1	221	77
12	30	19	50	1.3	2	225	38
12	30	19	55	0.7	1	273	61
12	30	20	0	1.4	3	243	41
12	30	20	5	1.6	3	248	38
12	30	20	10	1.1	3	254	56
12	30	20	15	1.8	5	262	53
12	30	20	20	1.6	3	237	37
12	30	20	25	0.9	4	247	76
12	30	20	30	1.8	4	241	36
12	30	20	35	1.1	1	254	48
12	30	20	40	0.8	2	224	67
12	30	20	45	2.0	2	236	36
12	30	20	50	1.5	4	235	40
12	30	20	55	1.4	3	263	51
12	30	21	0	0.9	2	269	58
12	30	21	5	1.5	1	232	56
12	30	21	10	0.9	1	239	65
12	30	21	15	1.3	3	255	74
12	30	21	20	0.7	1	246	53
12	30	21	25	1.2	2	236	82
12	30	21	30	0.7	2	243	72
12	30	21	35	0.6	2	273	60
12	30	21	40	0.6	1	274	74
12	30	21	45	1.0	3	215	46
12	30	21	50	0.4	0	261	69
12	30	21	55	0.9	4	336	49
12	30	22	0	2.2	3	350	24
12	30	22	5	1.7	2	348	28
12	30	22	10	2.0	3	18	27
12	30	22	15	1.3	2	353	40
12	30	22	20	1.2	2	335	27
12	30	22	25	1.2	2	328	30
12	30	22	30	1.3	3	345	33
12	30	22	35	1.5	3	335	28
12	30	22	40	1.0	4	329	52
12	30	22	45	2.1	5	340	36
12	30	22	50	1.2	3	332	30
12	30	22	55	1.8	2	344	37

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	30	23	0	1.5	4	315	31
12	30	23	5	2.1	3	325	29
12	30	23	10	1.5	2	338	37
12	30	23	15	1.0	3	334	55
12	30	23	20	1.4	2	5	46
12	30	23	25	0.5	1	318	57
12	30	23	30	1.0	2	330	28
12	30	23	35	1.9	3	327	44
12	30	23	40	2.1	3	344	20
12	30	23	45	2.2	3	344	21
12	30	23	50	2.5	4	345	20
12	30	23	55	2.1	4	347	19
12	31	0	0	1.4	4	350	38
12	31	0	5	2.1	3	350	27
12	31	0	10	2.0	3	346	28
12	31	0	15	1.2	2	345	58
12	31	0	20	0.9	1	323	60
12	31	0	25	0.9	1	284	32
12	31	0	30	0.7	2	329	44
12	31	0	35	1.1	1	348	35
12	31	0	40	1.2	1	342	21
12	31	0	45	1.2	2	345	24
12	31	0	50	0.8	1	323	48
12	31	0	55	1.1	4	249	60
12	31	1	0	1.4	2	236	50
12	31	1	5	1.3	1	244	52
12	31	1	10	0.7	1	337	49
12	31	1	15	1.6	5	341	37
12	31	1	20	2.4	2	322	30
12	31	1	25	1.7	2	340	27
12	31	1	30	1.6	1	332	54
12	31	1	35	1.3	3	330	39
12	31	1	40	0.8	1	322	56
12	31	1	45	0.4	1	212	103
12	31	1	50	0.7	1	114	69
12	31	1	55	0.8	4	185	97
12	31	2	0	1.3	2	342	18
12	31	2	5	0.8	1	19	25
12	31	2	10	0.1	0	13	40
12	31	2	15	1.0	3	8	27
12	31	2	20	1.2	2	359	29
12	31	2	25	0.4	0	335	82
12	31	2	30	0.5	1	342	72
12	31	2	35	0.8	1	349	46
12	31	2	40	1.1	1	6	39
12	31	2	45	0.9	2	301	64
12	31	2	50	1.3	2	211	22
12	31	2	55	0.9	1	200	19
12	31	3	0	0.4	1	32	92
12	31	3	5	0.8	2	44	42
12	31	3	10	0.5	1	15	22
12	31	3	15	1.0	2	342	44
12	31	3	20	1.5	4	329	35
12	31	3	25	1.9	4	337	34
12	31	3	30	0.8	2	85	96
12	31	3	35	0.7	1	280	67
12	31	3	40	0.7	1	338	52
12	31	3	45	0.8	2	262	51
12	31	3	50	1.2	2	261	43
12	31	3	55	1.5	3	305	45
12	31	4	0	1.8	3	329	40
12	31	4	5	1.3	2	340	39
12	31	4	10	1.6	5	343	37
12	31	4	15	1.9	4	335	27
12	31	4	20	1.2	3	245	55
12	31	4	25	1.0	2	256	53
12	31	4	30	0.5	1	268	59
12	31	4	35	0.6	2	60	46
12	31	4	40	0.7	1	79	40
12	31	4	45	0.7	2	354	34
12	31	4	50	0.9	2	36	41
12	31	4	55	1.0	2	84	42
12	31	5	0	0.5	1	76	42
12	31	5	5	0.5	1	80	43
12	31	5	10	0.1	1	106	51
12	31	5	15	0.2	1	57	66
12	31	5	20	0.5	1	337	36
12	31	5	25	0.4	2	317	55
12	31	5	30	0.7	2	261	54
12	31	5	35	0.2	1	33	47
12	31	5	40	0.7	2	353	48
12	31	5	45	0.5	1	307	51
12	31	5	50	0.8	1	333	27
12	31	5	55	0.6	1	317	33

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	31	6	0	0.7	3	295	53
12	31	6	5	1.1	2	328	32
12	31	6	10	1.0	2	319	38
12	31	6	15	0.9	2	319	73
12	31	6	20	1.1	2	297	67
12	31	6	25	1.4	4	212	26
12	31	6	30	1.1	3	231	42
12	31	6	35	1.0	2	227	47
12	31	6	40	0.6	1	211	51
12	31	6	45	0.2	2	58	27
12	31	6	50	0.5	2	21	34
12	31	6	55	1.6	3	14	34
12	31	7	0	0.9	1	15	35
12	31	7	5	0.7	2	43	32
12	31	7	10	0.3	1	104	42
12	31	7	15	0.5	1	236	45
12	31	7	20	0.4	1	244	55
12	31	7	25	0.3	0	213	46
12	31	7	30	0.0	0	128	39
12	31	7	35	0.3	1	155	49
12	31	7	40	0.4	1	323	76
12	31	7	45	0.0	0	247	67
12	31	7	50	0.8	1	319	34
12	31	7	55	0.7	1	296	47
12	31	8	0	0.5	2	265	64
12	31	8	5	1.2	2	332	49
12	31	8	10	0.7	1	291	56
12	31	8	15	1.1	3	233	33
12	31	8	20	1.0	1	218	28
12	31	8	25	0.1	0	70	66
12	31	8	30	0.4	1	2	27
12	31	8	35	0.4	2	349	43
12	31	8	40	1.0	2	357	31
12	31	8	45	0.9	1	38	49
12	31	8	50	0.7	2	54	37
12	31	8	55	0.6	2	31	54
12	31	9	0	0.4	1	84	44
12	31	9	5	0.1	0	109	18
12	31	9	10	0.6	1	228	49
12	31	9	15	0.3	0	240	77
12	31	9	20	0.1	0	60	97
12	31	9	25	0.4	1	7	40
12	31	9	30	0.1	0	276	64
12	31	9	35	0.5	2	342	34
12	31	9	40	1.0	1	340	24
12	31	9	45	0.5	1	303	42
12	31	9	50	0.7	1	269	53
12	31	9	55	0.3	0	177	75
12	31	10	0	0.5	1	356	45
12	31	10	5	0.7	1	348	49
12	31	10	10	0.6	1	260	62
12	31	10	15	0.7	1	263	54
12	31	10	20	0.5	1	244	48
12	31	10	25	0.9	2	346	40
12	31	10	30	1.1	1	12	24
12	31	10	35	0.9	2	344	32
12	31	10	40	1.1	2	350	24
12	31	10	45	1.5	3	351	24
12	31	10	50	1.3	2	343	25
12	31	10	55	0.6	0	338	50
12	31	11	0	0.6	1	359	35
12	31	11	5	0.4	1	349	50
12	31	11	10	0.9	2	357	46
12	31	11	15	0.6	2	16	45
12	31	11	20	0.6	2	358	37
12	31	11	25	1.3	3	3	40
12	31	11	30	0.6	1	319	62
12	31	11	35	1.0	3	338	35
12	31	11	40	1.4	2	12	23
12	31	11	45	1.6	3	350	24
12	31	11	50	2.0	3	348	20
12	31	11	55	1.7	3	3	24
12	31	12	0	1.3	2	1	22
12	31	12	5	1.3	3	354	27
12	31	12	10	1.5	4	11	34
12	31	12	15	1.8	3	354	29
12	31	12	20	1.4	2	354	24
12	31	12	25	1.6	2	0	24
12	31	12	30	1.3	2	4	26
12	31	12	35	1.5	2	2	22
12	31	12	40	1.2	2	353	23
12	31	12	45	1.1	3	354	27
12	31	12	50	1.3	2	347	28
12	31	12	55	1.3	2	357	25

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	31	13	0	1.2	2	350	24
12	31	13	5	0.7	1	353	28
12	31	13	10	0.7	2	343	39
12	31	13	15	0.6	2	351	30
12	31	13	20	0.9	1	345	46
12	31	13	25	0.5	2	1	43
12	31	13	30	1.0	3	356	42
12	31	13	35	0.6	1	330	54
12	31	13	40	0.8	1	26	48
12	31	13	45	0.8	2	5	41
12	31	13	50	0.8	2	354	30
12	31	13	55	1.0	2	359	30
12	31	14	0	1.0	1	34	41
12	31	14	5	1.2	2	14	23
12	31	14	10	1.3	3	8	29
12	31	14	15	0.8	1	356	32
12	31	14	20	0.7	2	2	54
12	31	14	25	1.1	2	347	26
12	31	14	30	1.1	2	350	51
12	31	14	35	0.7	1	307	77
12	31	14	40	0.5	1	15	68
12	31	14	45	0.8	2	358	32
12	31	14	50	1.1	2	355	25
12	31	14	55	1.3	2	346	26
12	31	15	0	1.2	2	347	21
12	31	15	5	1.5	3	347	25
12	31	15	10	0.9	2	356	35
12	31	15	15	1.1	3	357	28
12	31	15	20	1.3	2	3	31
12	31	15	25	1.1	1	352	32
12	31	15	30	0.9	1	123	101
12	31	15	35	0.7	1	283	77
12	31	15	40	0.8	1	247	28
12	31	15	45	0.9	2	283	44
12	31	15	50	0.7	1	336	41
12	31	15	55	1.0	2	240	54
12	31	16	0	0.6	1	256	62
12	31	16	5	0.8	1	258	62
12	31	16	10	0.5	2	314	70
12	31	16	15	0.6	2	313	67
12	31	16	20	0.8	1	334	52
12	31	16	25	0.3	1	320	38
12	31	16	30	0.7	1	349	33
12	31	16	35	0.8	1	269	58
12	31	16	40	0.5	1	277	57
12	31	16	45	1.1	2	250	33
12	31	16	50	0.8	1	291	53
12	31	16	55	0.6	2	327	58
12	31	17	0	1.1	2	293	48
12	31	17	5	0.7	1	233	34
12	31	17	10	0.9	1	261	51
12	31	17	15	0.8	2	241	43
12	31	17	20	0.8	1	244	32
12	31	17	25	1.0	2	232	29
12	31	17	30	0.9	1	222	26
12	31	17	35	0.6	2	222	21
12	31	17	40	0.7	1	221	27
12	31	17	45	0.7	1	228	18
12	31	17	50	0.4	0	251	37
12	31	17	55	0.5	1	251	27
12	31	18	0	0.5	1	244	28
12	31	18	5	1.1	2	268	38
12	31	18	10	0.9	2	254	35
12	31	18	15	1.1	4	270	37
12	31	18	20	1.1	1	238	30
12	31	18	25	0.7	1	242	29
12	31	18	30	1.1	2	259	40
12	31	18	35	0.9	2	235	32
12	31	18	40	1.2	2	251	44
12	31	18	45	1.0	1	253	50
12	31	18	50	1.2	2	248	40
12	31	18	55	0.7	1	243	53
12	31	19	0	0.7	1	262	60
12	31	19	5	0.7	2	221	38
12	31	19	10	1.0	2	273	37
12	31	19	15	0.9	1	249	38
12	31	19	20	0.7	2	247	47
12	31	19	25	1.1	1	279	44
12	31	19	30	0.9	3	246	53
12	31	19	35	1.0	1	237	28
12	31	19	40	0.9	1	254	32
12	31	19	45	1.1	4	250	49
12	31	19	50	1.1	2	230	31

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
12	31	20	0	0.7	1	236	48
12	31	20	5	0.8	2	288	49
12	31	20	10	0.9	1	271	42
12	31	20	15	0.5	1	284	41
12	31	20	20	1.0	3	252	51
12	31	20	25	0.6	1	233	67
12	31	20	30	0.7	1	260	68
12	31	20	35	0.6	1	191	41
12	31	20	40	1.0	2	267	30
12	31	20	45	0.5	1	248	44
12	31	20	50	0.5	1	239	77
12	31	20	55	0.7	1	235	47
12	31	21	0	0.4	1	243	59
12	31	21	5	0.8	2	237	34
12	31	21	10	1.1	1	231	31
12	31	21	15	0.7	1	219	55
12	31	21	20	0.5	1	222	22
12	31	21	25	1.0	1	216	27
12	31	21	30	1.0	3	213	29
12	31	21	35	0.8	1	213	40
12	31	21	40	0.9	1	214	27
12	31	21	45	0.3	1	264	54
12	31	21	50	0.4	1	342	57
12	31	21	55	0.4	1	265	62
12	31	22	0	0.5	1	234	54
12	31	22	5	0.5	0	253	37
12	31	22	10	0.4	0	289	62
12	31	22	15	0.1	0	183	55
12	31	22	20	0.9	1	17	25
12	31	22	25	0.2	1	21	56
12	31	22	30	0.8	1	239	40
12	31	22	35	0.8	1	219	42
12	31	22	40	0.8	1	223	22
12	31	22	45	1.0	1	239	16
12	31	22	50	0.6	1	245	14
12	31	22	55	0.1	1	234	19
12	31	23	0	0.4	1	239	26
12	31	23	5	0.2	0	256	20
12	31	23	10	0.5	1	217	17
12	31	23	15	0.7	2	242	25
12	31	23	20	0.8	1	253	20
12	31	23	25	0.1	0	311	23
12	31	23	30	0.3	1	345	22
12	31	23	35	0.6	2	251	40
12	31	23	40	0.3	1	212	20
12	31	23	45	0.2	0	318	52
12	31	23	50	0.0	0	277	59
12	31	23	55	0.5	1	347	31

DATE (Month)	DATE (Day)	TIME (Hour)	TIME (Minute)	Average Wind Speed (m/s)	Maximum Wind Speed (m/s)	Average Wind Direction (Deg)	Maximum Wind Direction (Deg)
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