

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

**ENVIRONMENTAL MONITORING AND  
AUDIT REPORT NO. 36  
(for the month of January 2003)**

**FEBRUARY 2003**

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**JANUARY 2003**

**Issue & Revision Record**

<b>Rev.</b>	<b>Date</b>	<b>Originator</b>	<b>Checked By</b>	<b>Approved</b>	<b>Description</b>
A	February 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 and are currently expected to be completed by end of June 2003.

### 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 [January 2003](#). 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	31 µg/m <sup>3</sup> – 270 µg/m <sup>3</sup>	0	0
24-hr TSP	89 µg/m <sup>3</sup> – 152 µg/m <sup>3</sup>	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 [January 2003](#) 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 <sub>eq</sub> (30min)	CN3	All below baseline	0	0
	CN6	62.1 dB(A) – 68.7 dB(A)	0	0
	CN8	All below baseline	0	0
	CN11	All below baseline	0	0
	CN12	62.4 dB(A) – 69.0 dB(A)	0	0
	CN13	54.2 dB(A) – 67.6 dB(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 January 2003).

### Observations

- 1.5 No site inspection was conducted by EPD, LCO in the month of January 2003.
- 1.6 The wind data monitoring equipment recorded data at 5-minute intervals for the month of January 2003. The wind data recorded in the reporting month are contained in Appendix F.

### **Complaints**

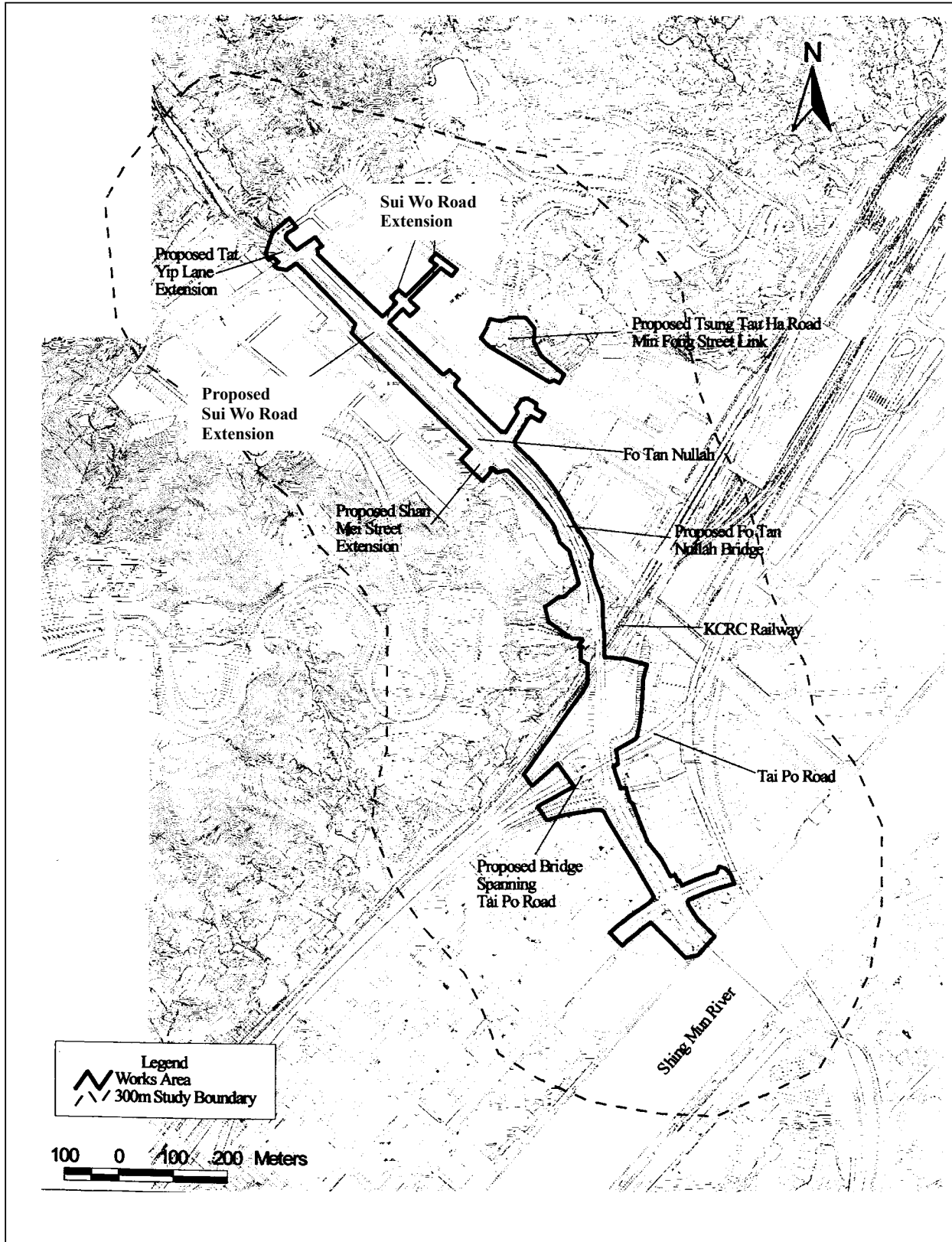
- 1.7 No complaints were received during January 2003.
- 1.8 A total of three (3) complaints have been received since the start of the Contract.


## 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.

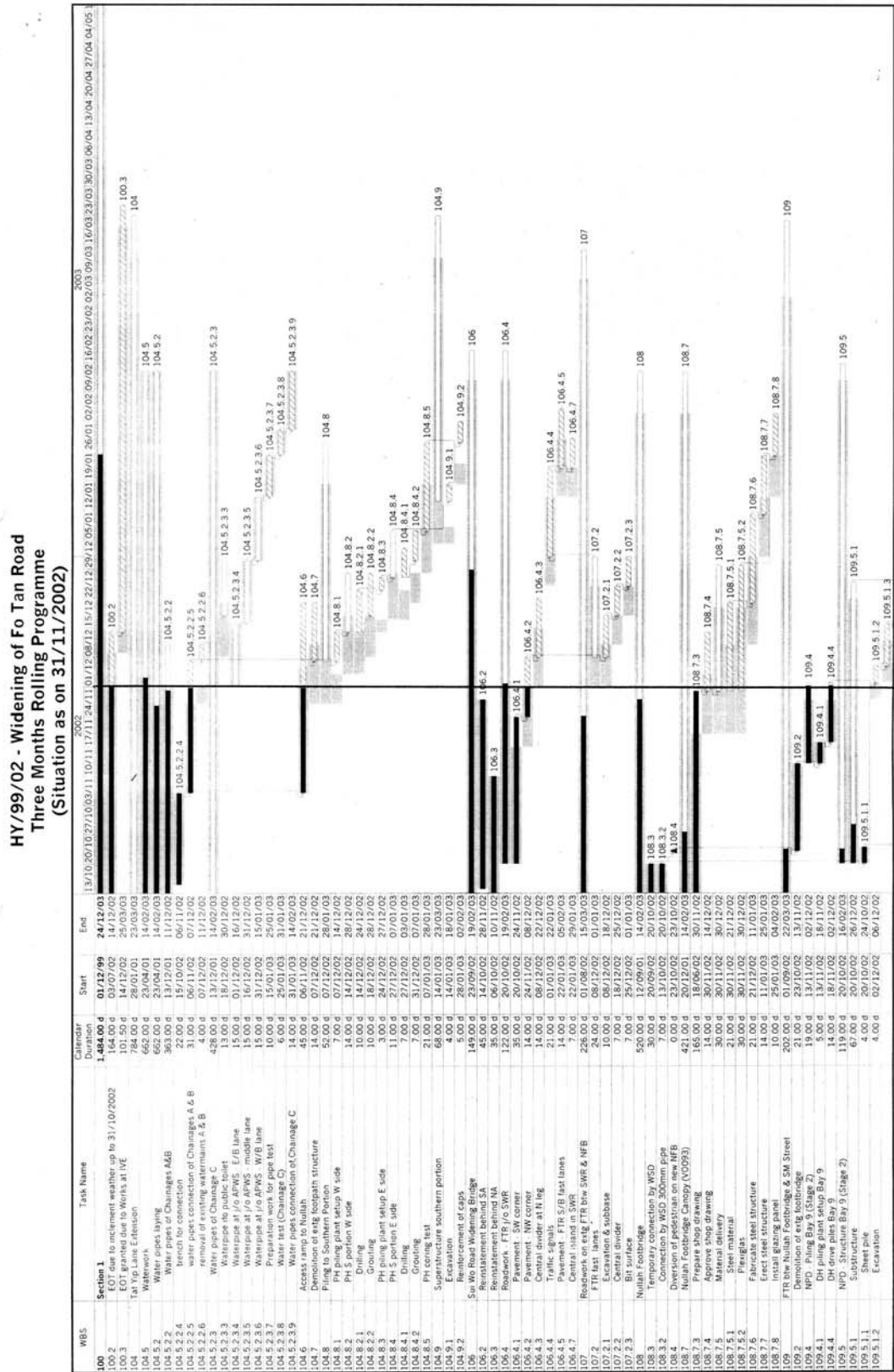
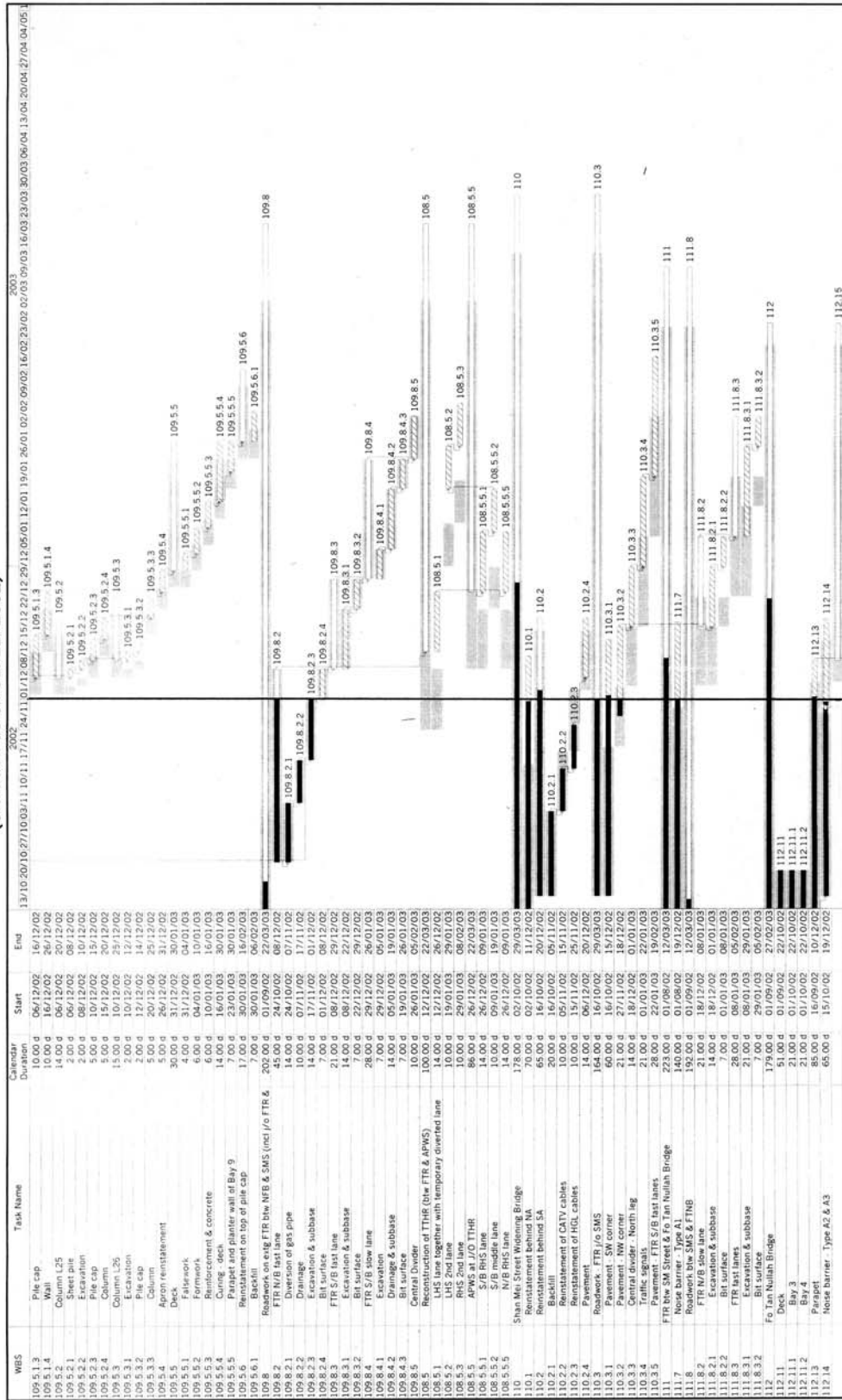


Figure 2.2 – Sheet 1 of 5

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



Programme No.: 3M.02.12 (based on Programme M06A)  
 Programme Date: 2/12/2002  
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Figure 2.2 – Sheet 2 of 5



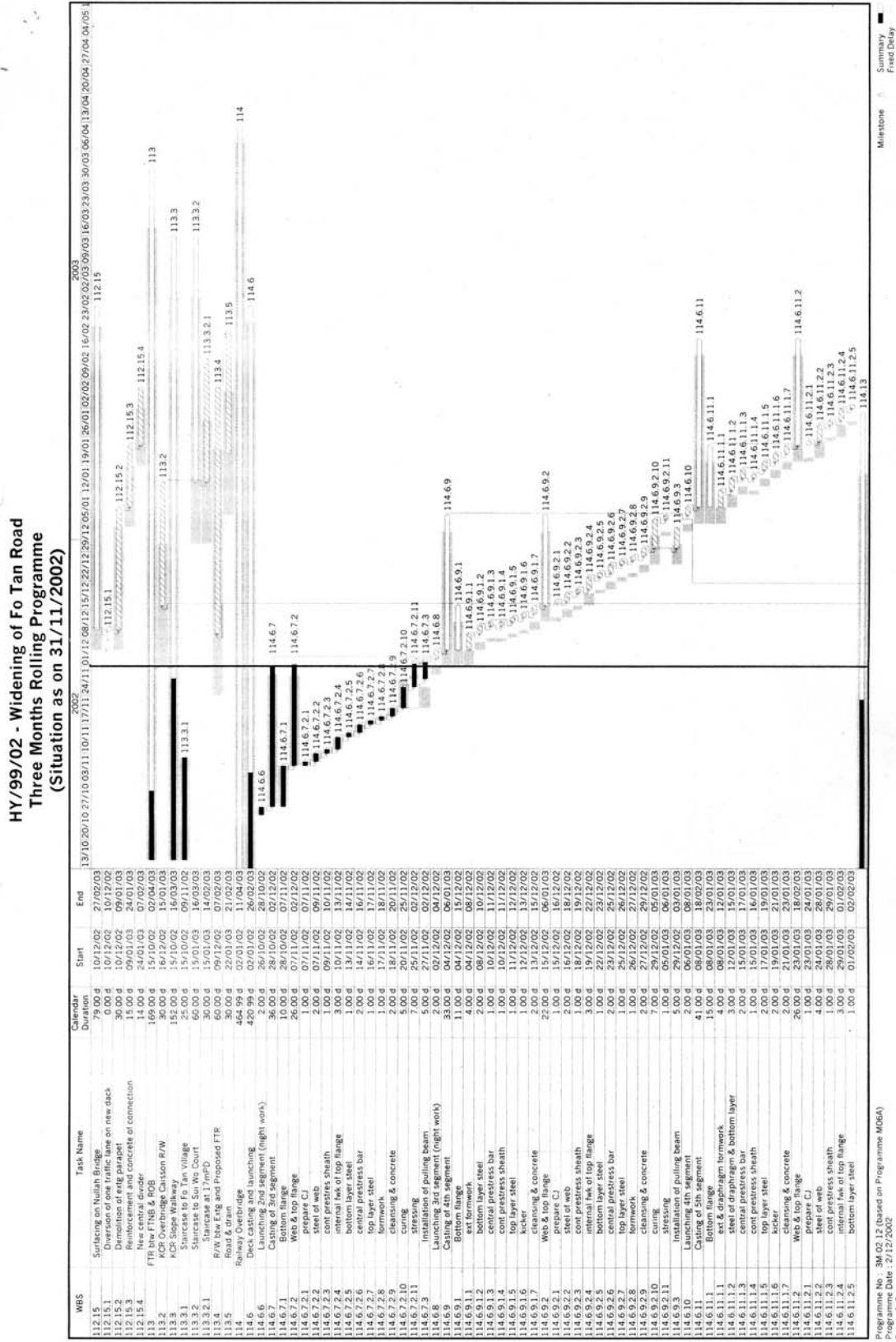


Figure 2.2 – Sheet 3 of 5

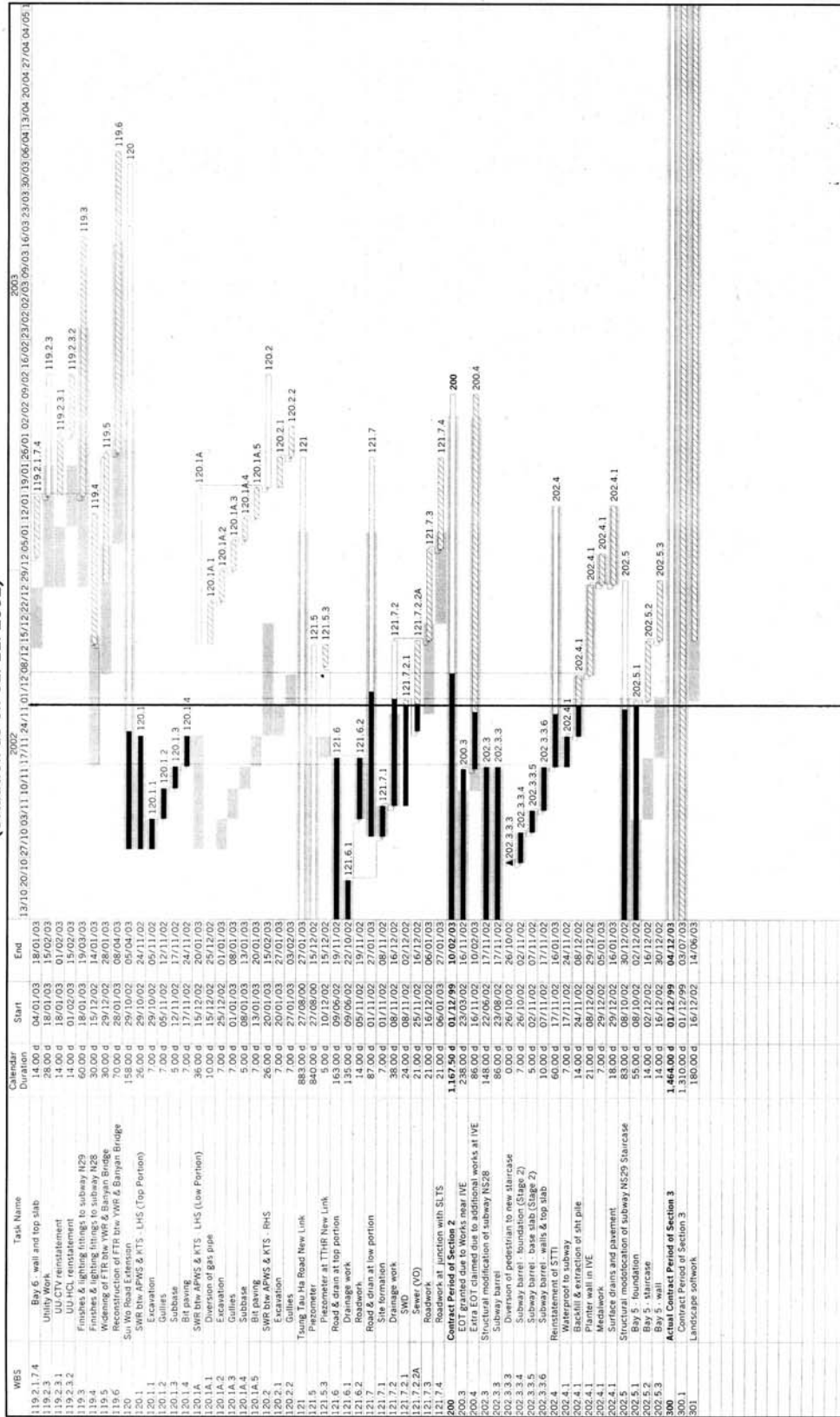
HY/99/02 - Widening of Fo Tan Road  
 Three Months Rolling Programme  
 (Situation as on 31/11/2002)

WBS	Task Name	Calendar	Start	End	2002	2003
114.13	EGE North Abutment	245.00 d	04/07/02	01/09/03		
114.13.1	Excavate for TP	145.00 d	04/07/02	15/12/02	114.13	
114.13.2	Construct pile	28.00 d	18/11/02	16/12/02	114.13.1	
114.13.3	Construct cap	14.00 d	16/12/02	30/12/02	114.13.2	
114.13.4	RA abutment wall	21.00 d	30/12/02	20/01/03	114.13.3	
114.13.5	RA curing	7.00 d	20/01/03	27/01/03	114.13.4	
114.13.6	Temporary bearing	130.00 d	13/08/02	21/12/02	114.13.5	
114.13.7	Insulation of temporary bearing	135.00 d	13/08/02	21/12/02	114.13.6	
114.13.8	Low King Street reconstruction	241.00 d	18/07/02	16/03/03	114.14	
115.1	Road & drains in casting yard	130.00 d	18/07/02	29/11/02	115.1.2	115.1
115.1.1	L&S/B	21.00 d	25/11/02	16/12/02	115.1.1	
115.1.2	Excavation	163.00 d	26/08/02	05/02/03	115.1.2	
115.1.3	Form slope	105.00 d	16/12/02	16/03/03	115.1.3	
115.1.4	Reconstruction of TP Road	30.00 d	01/12/02	31/12/02	115.1.4	
115.1.5	TP Road Subway Extension	30.00 d	01/12/02	31/12/02	115.1.5	
116.2	Reconstruction of KCR Overbridge & TP Road	60.00 d	15/01/03	16/03/03	116.2.3	
116.2.3	Reconstruction of KCR Overbridge & TP Road	60.00 d	15/01/03	16/03/03	116.2.3	
117.3	TP Road Abutment	28.00 d	30/11/02	26/12/02	117.3	
117.3.1	Form slope	162.00 d	26/08/02	04/02/03	117.3.1	
117.3.2	SA	148.00 d	26/08/02	21/01/03	117.3.2	
117.3.2.1	Retaining Wall	40.00 d	04/10/02	13/11/02	117.3.2.1	
117.3.2.2	R/W 1 wall	14.00 d	23/12/02	06/01/03	117.3.2.2	
117.3.2.3	30m slab	5.00 d	06/01/03	11/01/03	117.3.2.3	
117.3.2.4	R/W 2 wall	10.00 d	11/01/03	21/01/03	117.3.2.4	
117.3.2.5	no line	14.00 d	21/01/03	04/02/03	117.3.2.5	
117.3.2.6	backfill inside R/W	15.00 d	01/09/02	29/01/03	117.3.2.6	
117.3.2.7	Form slope	20.00 d	10/11/02	30/11/02	117.3.2.7	
117.3.2.8	Superstructure	11.00 d	30/11/02	11/12/02	117.3.2.8	
117.3.3	Construction of bridge deck	2.00 d	07/12/02	09/12/02	117.3.3.1	
117.3.3.1	Construction of bridge deck	2.00 d	07/12/02	09/12/02	117.3.3.1	
117.4	Web & top flange	14.00 d	15/01/03	29/01/03	117.4.3.1	
117.4.3.1	Web & top flange	14.00 d	15/01/03	29/01/03	117.4.3.1	
117.4.3.2	Prestress	7.00 d	30/11/02	07/12/02	117.4.3.2	
117.4.3.3	curing	2.00 d	07/12/02	09/12/02	117.4.3.3	
117.4.3.4	striking	14.00 d	11/12/02	29/12/02	117.4.3.4	
117.4.3.5	Parapet	14.00 d	15/01/03	29/01/03	117.4.3.5	
117.4.3.6	Demolition of falsework	21.00 d	25/12/02	15/01/03	117.4.3.6	
117.5	Connection to extg bridge	21.00 d	15/01/03	09/02/03	117.5	
117.6	Surfacing on bridge deck	1.00 d	15/01/03	15/01/03	117.6	
117.6.1	Diversion of one traffic lane on new deck	1.00 d	15/01/03	15/01/03	117.6.1	
117.6.2	Surfacing whole deck	7.00 d	29/01/03	09/02/03	117.6.2	
117.6.3	Surfacing whole deck	7.00 d	29/01/03	09/02/03	117.6.3	
118	FTR low TP Road & YW Road	880.00 d	15/01/01	14/06/03	118.1	
118.5	Noise barrier foundation (N bound)	460.00 d	18/02/02	24/05/03	118.5	
118.6	Noise barrier foundation (S bound)	616.00 d	15/09/01	24/05/03	118.6	
118.7	Foundation except SPC14 to 16	400.00 d	15/09/01	24/10/02	118.7	
118.8	Noise barrier (S bound)	452.00 d	12/03/02	07/06/03	118.8	
118.8.1	Noise barrier except SPC14 to 16	250.00 d	12/03/02	17/11/02	118.8.1	
118.8.2	Road & drain in widening section (N bound)	170.00 d	09/06/02	26/11/02	118.8.2	
118.8.3	Reconstruction of extg c/w (N parition)	114.00 d	10/12/02	03/04/03	118.8.3	
118.8.4	NP NB east lane & central divider	14.00 d	31/12/02	31/12/02	118.8.4	
118.8.5	NP NB slow lane	18.00 d	18/01/03	05/02/03	118.8.5	
118.8.6	Road & drain in widening section (S bound)	30.00 d	01/12/02	31/12/02	118.8.6	
118.8.7	Reconstruction of extg c/w (S parition)	114.00 d	31/12/02	24/04/03	118.8.7	
118.8.8	NP SB east lane & central divider	21.00 d	31/12/02	21/01/03	118.8.8	
118.8.9	NP SB middle lane	18.00 d	26/01/03	06/02/03	118.8.9	
118.8.10	FTR NP SB middle lane Bayway Bridge	1.016.00 d	26/01/03	06/02/03	118.8.10	
119	Modification of subway M29	402.00 d	09/01/02	15/02/03	119	
119.2.1	Structural modification of subway	374.00 d	09/01/02	16/01/03	119.2.1	
119.2.1.1	Excavation	342.00 d	09/01/02	17/12/02	119.2.1.1	
119.2.1.2	Excavation for Bay 6B	21.00 d	26/11/02	17/12/02	119.2.1.2	
119.2.1.3	Bay 4 wall and top slab	60.00 d	07/09/02	06/11/02	119.2.1.3	
119.2.1.4	Bay 6 wall and top slab	112.00 d	28/09/02	18/01/03	119.2.1.4	
119.2.1.7.2	Bay 6B foundation	4.00 d	21/12/02	21/12/02	119.2.1.7.2	
119.2.1.7.3	Bay 6 basis slab	14.00 d	21/12/02	04/01/03	119.2.1.7.3	

Programme No : 3M 02 17 (based on Programme M064)  
 Programme Date : 2/12/2002  
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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  
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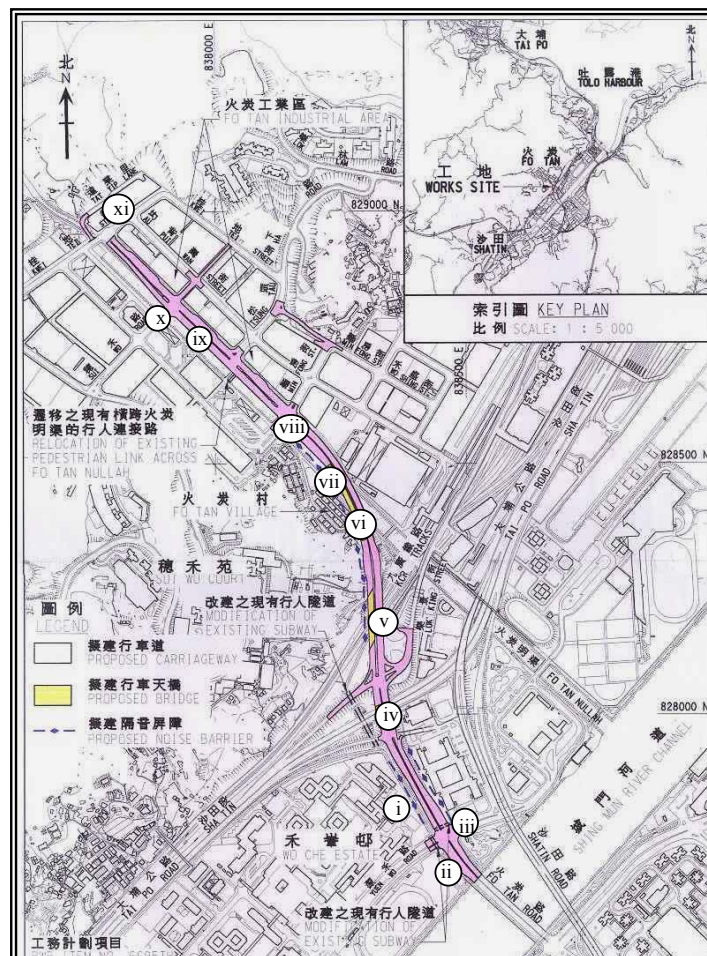
Figure 2.2 – Sheet 5 of 5



### 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 31/2/03.
- (iii) Construction of Subway NS28 adjacent to IVE(ST) – anticipated to be completed by 31/2/03.
- (iv) Construction of bridge deck of Tai Po Road Overbridge – has been 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 31/2/03 respectively.
- (vi) Construction of parapet and erection of noise barrier of Fo Tan Nullah Bridge – anticipated to be completed by 25/1/02.
- (vii) Construction of staircase at Turning Tee “A” at Fo Tan Village – anticipated to be completed by 31/2/03
- (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 – have been completed by 25/1/03.





#### 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	<ol style="list-style-type: none"> <li>1 Identify source</li> <li>2 Inform Engineer</li> <li>3 Repeat measurement to confirm finding</li> <li>4 Increase monitoring frequency to daily</li> <li>5 Assess effectiveness of Contractor's remedial actions and keep the Engineer informed of the results</li> </ol>	<ol style="list-style-type: none"> <li>1 Confirm receipt of notification of failure in writing</li> <li>2 Notify Contractor</li> <li>3 Check monitoring data and Contractor's</li> <li>4 Discuss with Environmental Team Leader and Contractor potential remedial actions</li> <li>5 Ensure remedial actions properly implemented</li> </ol>	<ol style="list-style-type: none"> <li>1 Take immediate action and avoid further exceedance</li> <li>2 Submit proposals for remedial actions to Engineer within 3 working days of notification</li> <li>3 Implement the agreed proposals</li> <li>4 Amend proposal if appropriate</li> </ol>
2. Exceedance for two or more consecutive samples	<ol style="list-style-type: none"> <li>1 Identify source</li> <li>2 Inform Engineer of the causes and actions taken for the exceedance</li> <li>3 Repeat measurement to confirm findings</li> <li>4 Increase monitoring frequency to daily</li> <li>5 Investigate the causes of exceedance</li> <li>6 Arrange meeting with the Engineer to discuss the remedial actions to be taken</li> <li>7 Assess effectiveness of Contractor's remedial actions and keep the Engineer informed of the results</li> <li>8 If exceedance stops, cease additional monitoring</li> </ol>	<ol style="list-style-type: none"> <li>1 Confirm receipt of notification of failure in writing</li> <li>2 Notify Contractor</li> <li>3 Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented</li> <li>4 Discuss amongst Environmental Team Leader and the Contractor potential remedial actions</li> <li>5 Review Contractor's remedial actions whenever necessary to assure their effectiveness</li> <li>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</li> </ol>	<ol style="list-style-type: none"> <li>1. Take immediate action to avoid further exceedance</li> <li>2 Submit proposals for remedial actions to Engineer within 3 working days of notification</li> <li>3 Implement the agreed proposals</li> <li>4 Resubmit proposals if problem still not under control</li> <li>5 Stop the relevant portion of works as determined by the Engineer until the exceedance is abated</li> </ol>

#### 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 [January 2003](#). 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	31 µg/m <sup>3</sup> – 270 µg/m <sup>3</sup>	0	0
24-hr TSP	89 µg/m <sup>3</sup> – 152 µg/m <sup>3</sup>	0	0

- 5.23 The 1-hr TSP levels ranged between 31 µg/m<sup>3</sup> and 270 µg/m<sup>3</sup>. The 24-hr TSP levels ranged between 89 µg/m<sup>3</sup> and 152 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
2 January 2003	1	1.06	31	0	0
3 January 2003	1	1.13	103		
4 January 2003	1	1.10	106		
	Mean		80		
8 January 2003	1	1.13	103	0	0
9 January 2003	1	1.16	86		
10 January 2003	1	1.16	158		
	Mean		116		
14 January 2003	1	1.10	121	0	0
15 January 2003	1	1.13	118		
16 January 2003	1	1.05	270		
	Mean		170		
20 January 2003	1	1.16	133	0	0
21 January 2003	1	1.10	106		
22 January 2003	1	1.10	242		
	Mean		160		
25 January 2003	1	1.08	108	0	0
27 January 2003	1	1.05	143		
28 January 2003	1	1.05	206		
	Mean		152		
	Total no. of exceedances		0	0	0
	Maximum		270	-	-
	Minimum		31	-	-
	Mean		136	-	-

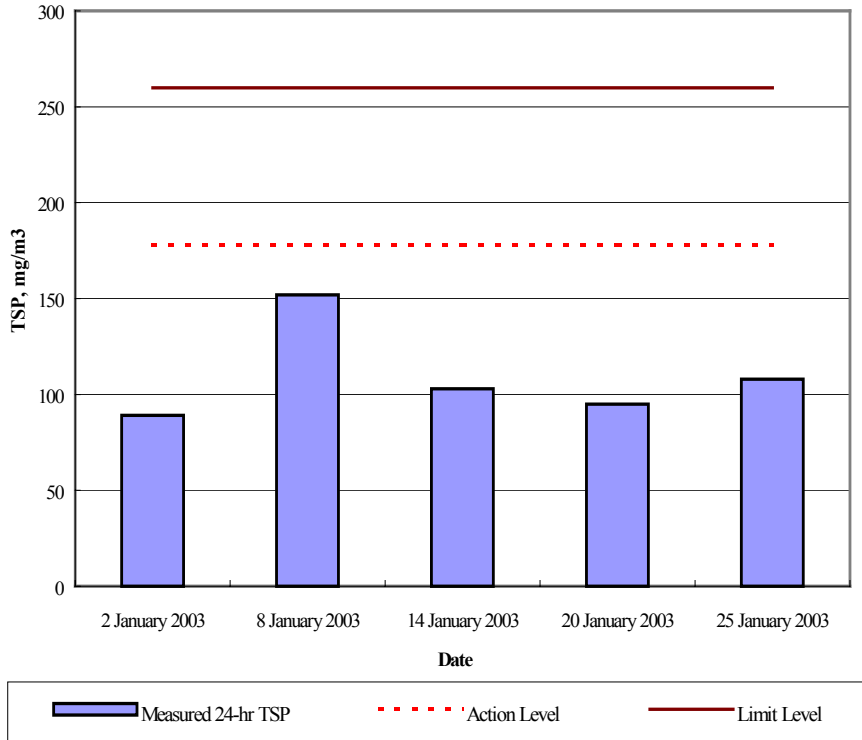
**Table 5.6 24-hr TSP Monitoring Results**

Date	Sampling time (Hours)	Average flow rate (m <sup>3</sup> /min)	TSP (µg/m <sup>3</sup> )	No. of exceedances	
				Action	Limit
2 January 2003	24	1.13	89	0	0
8 January 2003	24	1.13	152	0	0
14 January 2003	24	1.10	103	0	0
20 January 2003	24	1.16	95	0	0
25 January 2003	24	1.08	108	0	0
	Total no. of exceedances		0	0	0
	Maximum		152	-	-
	Minimum		89	-	-
	Mean		109	-	-

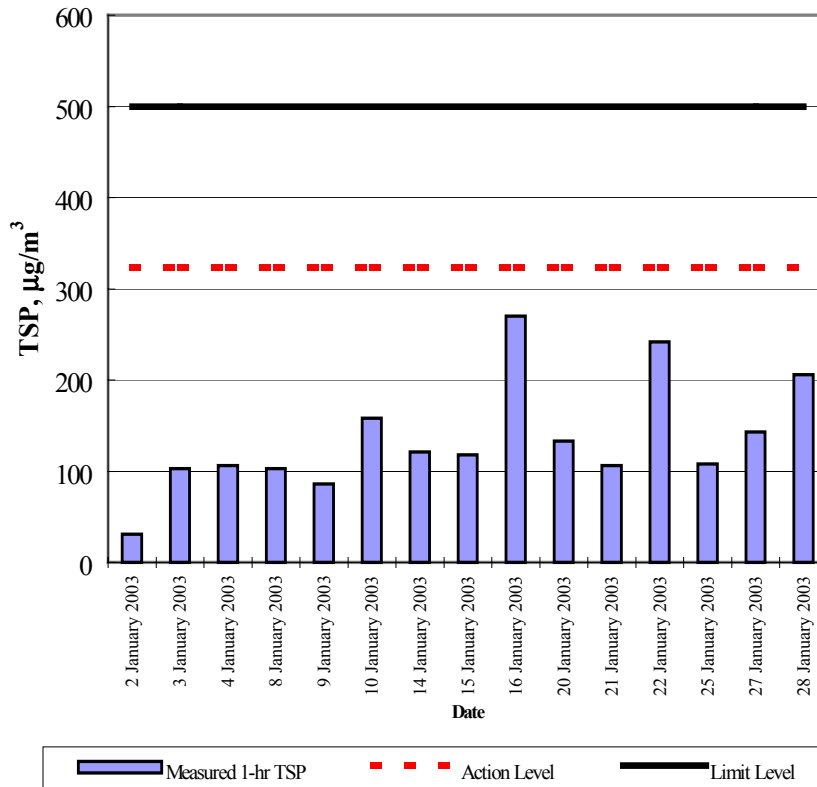
Note :

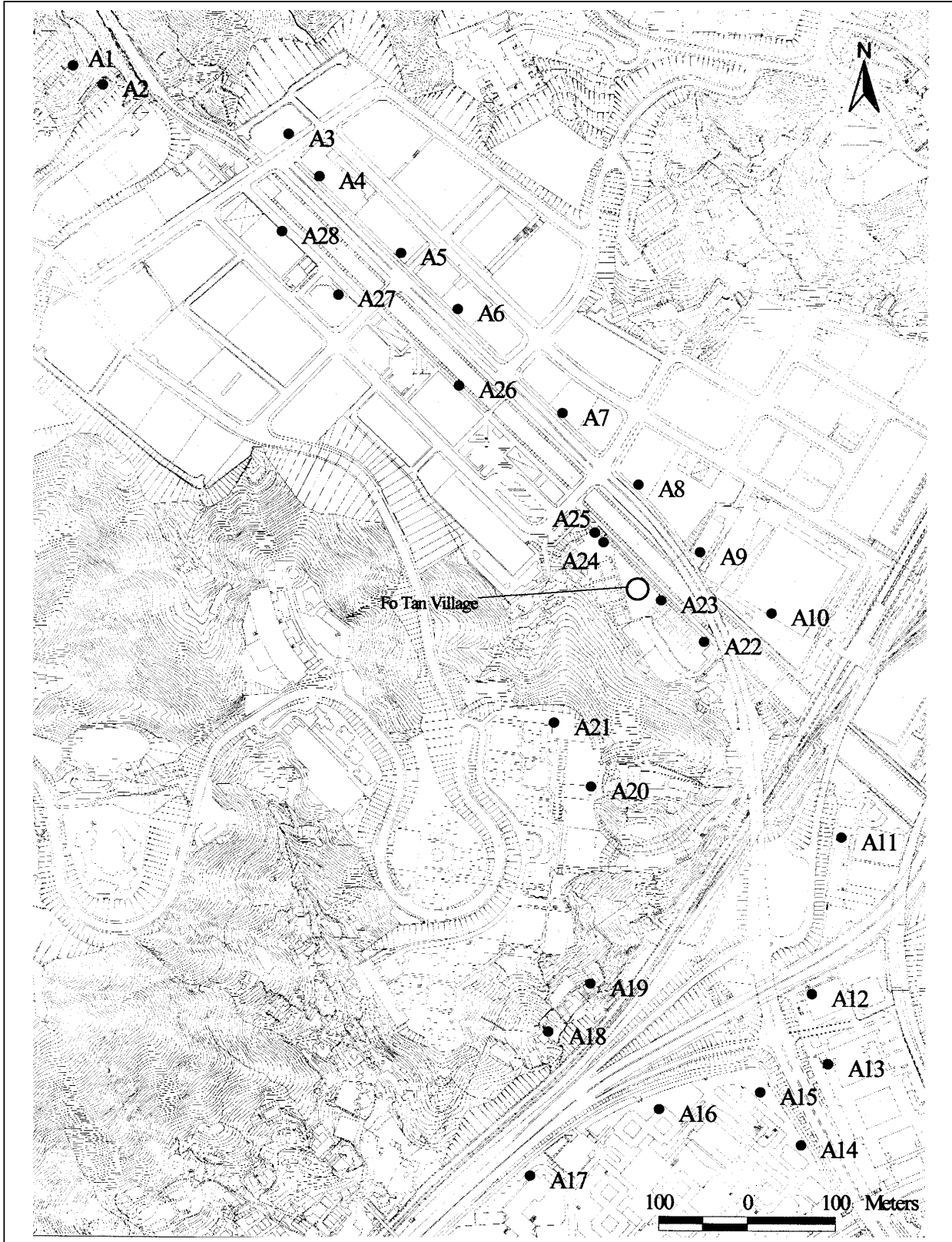
- 1- 2, 8, 14, 20 and 25 January 2003 were selected for 24-hour air quality sampling as the activities carried out on the above days potentially generate the highest dust nuisance to the residents.


### 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 **January** 2003 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 & Kjær 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		CN		
Equipment used		1 / 2		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)							
Reading 2	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)							
	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 January 2003 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	-	28
	CN6	62.1 dB(A) – 68.7 dB(A)	0	-	0	-	28
	CN8	All below baseline	0	-	0	-	13
	CN11	All below baseline	0	-	0	-	28
	CN12	62.4 dB(A) – 69.0 dB(A)	0	-	0	-	15
	CN13	54.2 dB(A) – 67.6 dB(A)	0	-	0	-	26
Total			0		0		138

- 6.16 There was no examination in the month of January 2003 at Hong Kong Institute of Vocational Education Sha Tin (i.e. CN12) and Jockey Club T-I College (i.e.CN8). There were examinations from 14 to 17 January 2003 at HK WCA Wong Ming Him Memorial School (i.e. CN13).
- 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. No noise monitoring for the reporting month was cancelled due to adverse weather conditions. 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 January 2003**

CN3	Major Construction Activities	Activities in Table 7.4.1 of EIA
Week 1: 1 Jan (Wed) – 5 Jan (Sun)	1. Site Preparation 2. Restatement of SMSWB 3. Roadworks	N N N
Week 2: 6 Jan (Mon) – 12 Jan (Sun)	4. Site Preparation 5. Breaking existing parapet wall 6. Roadworks	N N N
Week 3: 13 Jan (Mon) – 19 Jan (Sun)	7. Site Preparation 8. Restatement of SMSWB 9. Roadworks	N N N
Week 4: 20 Jan (Mon) – 26 Jan (Sun)	10. Site Preparation 11. Restatement of SMSWB 12. Roadworks	N N N
Week 5: 27 Jan (Mon) – 31 Jan (Fri)	13. Site Preparation 14. Restatement of SMSWB 15. Roadworks	N N N

CN3		Time	Measured Leq(30min)	Baseline Reading Used	L <sub>eq</sub> (30min) after deduction from baseline	Noise Standards
2-Jan-03	Thu	09:30	74.1	<i>76.6</i>	#	75
		13:30	73.6	<i>75.7</i>	#	75
3-Jan-03	Fri	09:00	73.6	<i>76.6</i>	#	75
		13:00	73.2	<i>75.7</i>	#	75
6-Jan-03	Mon	10:00	74.3	<i>76.6</i>	#	75
		14:00	73.8	<i>75.7</i>	#	75
8-Jan-03	Wed	10:00	73.6	<i>76.6</i>	#	75
		14:00	73.8	<i>75.7</i>	#	75
10-Jan-03	Fri	10:00	74.2	<i>76.6</i>	#	75
		14:00	73.8	<i>75.7</i>	#	75
13-Jan-03	Mon	09:30	74.2	<i>76.6</i>	#	75
		13:30	73.8	<i>75.7</i>	#	75
14-Jan-03	Tue	09:15	73.6	<i>76.6</i>	#	75
		14:00	73.4	<i>75.7</i>	#	75
16-Jan-03	Thu	09:30	73.4	<i>76.6</i>	#	75
		13:30	73.2	<i>75.7</i>	#	75
20-Jan-03	Mon	09:15	73.4	<i>76.6</i>	#	75
		13:30	73.2	<i>75.7</i>	#	75
22-Jan-03	Wed	09:15	73.2	<i>76.6</i>	#	75
		13:30	73.4	<i>75.7</i>	#	75
24-Jan-03	Fri	09:10	73.2	<i>76.6</i>	#	75
		13:30	72.4	<i>75.7</i>	#	75
27-Jan-03	Mon	09:00	73.3	<i>76.6</i>	#	75
		13:05	73.1	<i>75.7</i>	#	75
28-Jan-03	Tue	09:10	73.2	<i>76.6</i>	#	75
		13:15	73.7	<i>75.7</i>	#	75
29-Jan-03	Wed	09:10	73.1	<i>76.6</i>	#	75
		13:10	72.9	<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.

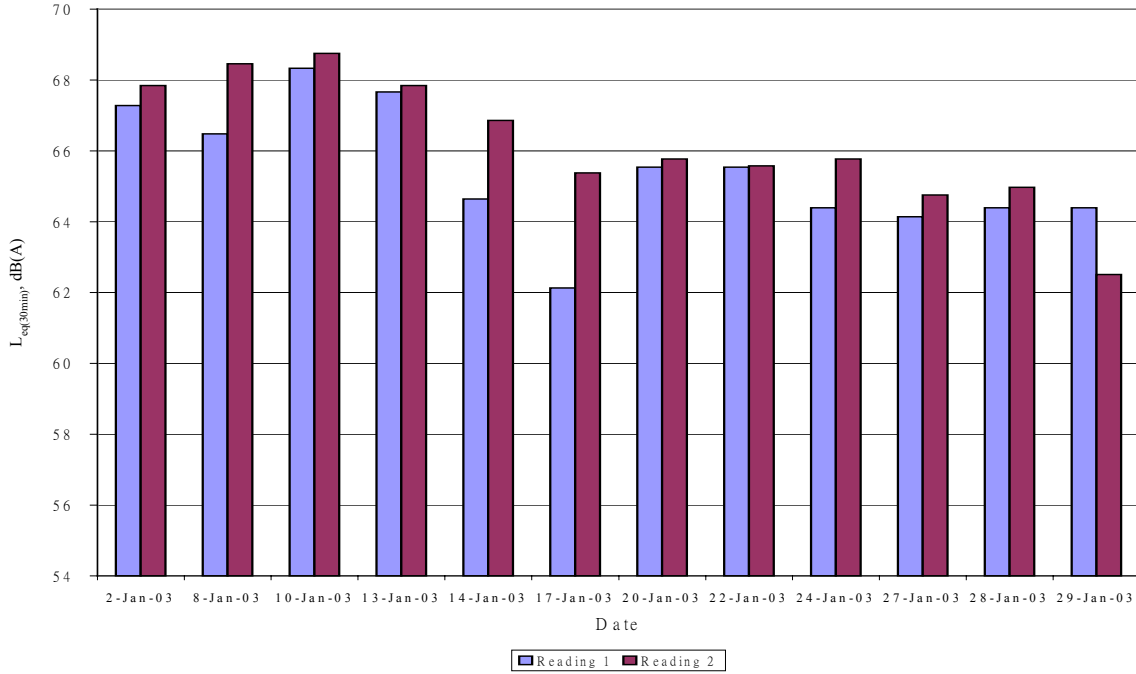
<u>CN6</u>	Major Construction Activities	Activities in Table 7.4.1 of EIA
Week 1: 1 Jan (Wed) – 5 Jan (Sun)	1. Site Preparation 2. Waterworks 3. Noise Barrier Installation	Y Y N
Week 2: 6 Jan (Mon) – 12 Jan (Sun)	4. Site Preparation 5. Waterworks 6. Noise Barrier Installation	Y Y N
Week 3: 13 Jan (Mon) – 19 Jan (Sun)	7. Site Preparation 8. Waterworks 9. Noise Barrier Installation	Y Y N
Week 4: 20 Jan (Mon) – 26 Jan (Sun)	10. Site Preparation 11. Waterworks 12. Noise Barrier Installation	Y Y N
Week 5: 27 Jan (Mon) – 31 Jan (Fri)	13. Site preparation 14. Waterworks 15. Erections platform for stitching	Y Y N

<u>CN6</u>		Time	Measured Leq(30min)	Baseline Reading Used	L <sub>eq</sub> (30min) after deduction from baseline	Noise Standards
2-Jan-03	Thu	10:00	70.2	67.1	67.3	75
		14:00	69.8	65.4	67.8	75
3-Jan-03	Fri	09:35	63.7	66.2	#	75
		13:35	64.1	65.4	#	75
6-Jan-03	Mon	10:30	63.9	66.7	#	75
		14:30	64.3	65.4	#	75
8-Jan-03	Wed	10:30	69.6	66.7	66.5	75
		14:30	70.2	65.4	68.5	75
10-Jan-03	Fri	10:30	70.6	66.7	68.3	75
		14:30	70.4	65.4	68.7	75
13-Jan-03	Mon	10:00	70.4	67.1	67.7	75
		14:00	69.8	65.4	67.8	75
14-Jan-03	Tue	09:45	68.5	66.2	64.6	75
		14:30	69.2	65.4	66.9	75
17-Jan-03	Fri	10:00	68.3	67.1	62.1	75
		14:00	68.4	65.4	65.4	75
20-Jan-03	Mon	09:50	69.4	67.1	65.5	75
		14:00	68.6	65.4	65.8	75
22-Jan-03	Wed	09:50	69.4	67.1	65.5	75
		14:05	68.5	65.4	65.6	75
24-Jan-03	Fri	09:45	68.4	66.2	64.4	75
		14:05	68.6	65.4	65.8	75
27-Jan-03	Mon	09:35	68.3	66.2	64.1	75
		13:40	68.1	65.4	64.8	75
28-Jan-03	Tue	09:45	68.4	66.2	64.4	75
		13:50	68.2	65.4	65.0	75
29-Jan-03	Wed	09:45	68.4	66.2	64.4	75
		13:45	67.2	65.4	62.5	75
Min Level, dB(A)		62.1				
Max Level, dB(A)		68.7				

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 CN6 (Unrestricted Period)



CN8	Major Construction Activities	Activities in Table 7.4.1 of EIA
Week 1: 1 Jan (Wed) – 5 Jan (Sun)	1. Site Preparation 2. Renovation of Subway36 3. Roadworks	N N N
Week 2: 6 Jan (Mon) – 12 Jan (Sun)	4. Site Preparation 5. Roadworks	N N
Week 3: 13 Jan (Mon) – 19 Jan (Sun)	6. Site Preparation 7. Drainage works 8. Roadworks	N N N
Week 4: 20 Jan (Mon) – 26 Jan (Sun)	9. Site Preparation 10. Drainage works 11. Roadworks	N N N
Week 5: 27 Jan (Mon) – 31 Jan (Fri)	12. Site Preparation 13. Drainage works 14. Roadworks	N N N

CN8		Time	Measured Leq(30min)	Baseline Reading Used	L <sub>eq</sub> (30min) after deduction from baseline	Noise Standards
3-Jan-03	Fri	10:10	71.7	<i>74</i>	#	70
7-Jan-03	Tue	09:45	71.4	<i>74</i>	#	70
8-Jan-03	Wed	11:00	71.4	<i>75.5</i>	#	70
9-Jan-03	Thu	09:45	71.2	<i>74</i>	#	70
13-Jan-03	Mon	10:30	67.8	<i>74.7</i>	#	70
15-Jan-03	Wed	09:15	72.5	<i>74</i>	#	70
16-Jan-03	Thu	10:00	72.5	<i>74</i>	#	70
21-Jan-03	Tue	13:15	72.2	<i>75.1</i>	#	70
23-Jan-03	Thu	13:20	72.3	<i>75.1</i>	#	70
24-Jan-03	Fri	13:20	72.3	<i>75.1</i>	#	70
27-Jan-03	Mon	10:10	71.3	<i>74</i>	#	70
29-Jan-03	Wed	10:20	71.1	<i>74.7</i>	#	70
30-Jan-03	Thu	09:30	72.1	<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.

<u>CN11</u>	Major Construction Activities	Activities in Table 7.4.1 of EIA
Week 1: 1 Jan (Wed) – 5 Jan (Sun)	1. Site preparation 2. Roadworks 3. Renovation of Subway 39	Y Y N
Week 2: 6 Jan (Mon) – 12 Jan (Sun)	4. Site preparation 5. Road works 6. Renovation of Subway 39	Y Y N
Week 3: 13 Jan (Mon) – 19 Jan (Sun)	7. Site preparation 8. Road works 9. Renovation of Subway 39	Y Y N
Week 4: 20 Jan (Mon) – 26 Jan (Sun)	10. Site preparation 11. Road works 12. Renovation of Subway 39	Y Y N
Week 5: 27 Jan (Mon) – 31 Jan (Fri)	13. Site preparation 14. Road works 15. Renovation of Subway 39	Y Y N

<u>CN11</u>		Time	Measured Leq(30min)	Baseline Reading Used	L <sub>eq</sub> (30min) after deduction from baseline	Noise Standards
2-Jan-03	Thu	10:30	66.1	<i>67.9</i>	#	75
		14:30	66.3	<i>70.1</i>	#	75
3-Jan-03	Fri	10:40	66.3	<i>67.9</i>	#	75
		14:45	67.1	<i>70.1</i>	#	75
6-Jan-03	Mon	11:00	66.6	<i>68.1</i>	#	75
		15:00	66.9	<i>70.1</i>	#	75
7-Jan-03	Tue	10:15	66.9	<i>67.4</i>	#	75
		13:30	67.1	<i>68.7</i>	#	75
9-Jan-03	Thu	10:15	66.8	<i>67.4</i>	#	75
		14:00	66.7	<i>67.9</i>	#	75
15-Jan-03	Wed	09:45	67.2	<i>67.4</i>	#	75
		13:30	68.4	<i>68.7</i>	#	75
16-Jan-03	Thu	10:30	67.6	<i>67.9</i>	#	75
		14:00	67.1	<i>67.9</i>	#	75
17-Jan-03	Fri	10:30	67.1	<i>67.9</i>	#	75
		14:30	66.8	<i>70.1</i>	#	75
21-Jan-03	Tue	09:00	67.1	<i>67.4</i>	#	75
		13:55	67.4	<i>67.9</i>	#	75
22-Jan-03	Wed	10:30	67.3	<i>67.9</i>	#	75
		14:40	67.1	<i>70.1</i>	#	75
23-Jan-03	Thu	09:30	66.3	<i>67.4</i>	#	75
		14:00	67.4	<i>67.9</i>	#	75
27-Jan-03	Mon	10:05	67.3	<i>67.4</i>	#	75
		14:20	68.1	<i>70.1</i>	#	75
28-Jan-03	Tue	10:25	67.1	<i>67.9</i>	#	75
		14:30	66.8	<i>70.1</i>	#	75
30-Jan-03	Thu	10:10	66.5	<i>67.4</i>	#	75
		13:30	68.1	<i>68.7</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.

4. Reading shown as ' #' denotes measurement after deduction from the background noise is below the respective baseline reading.

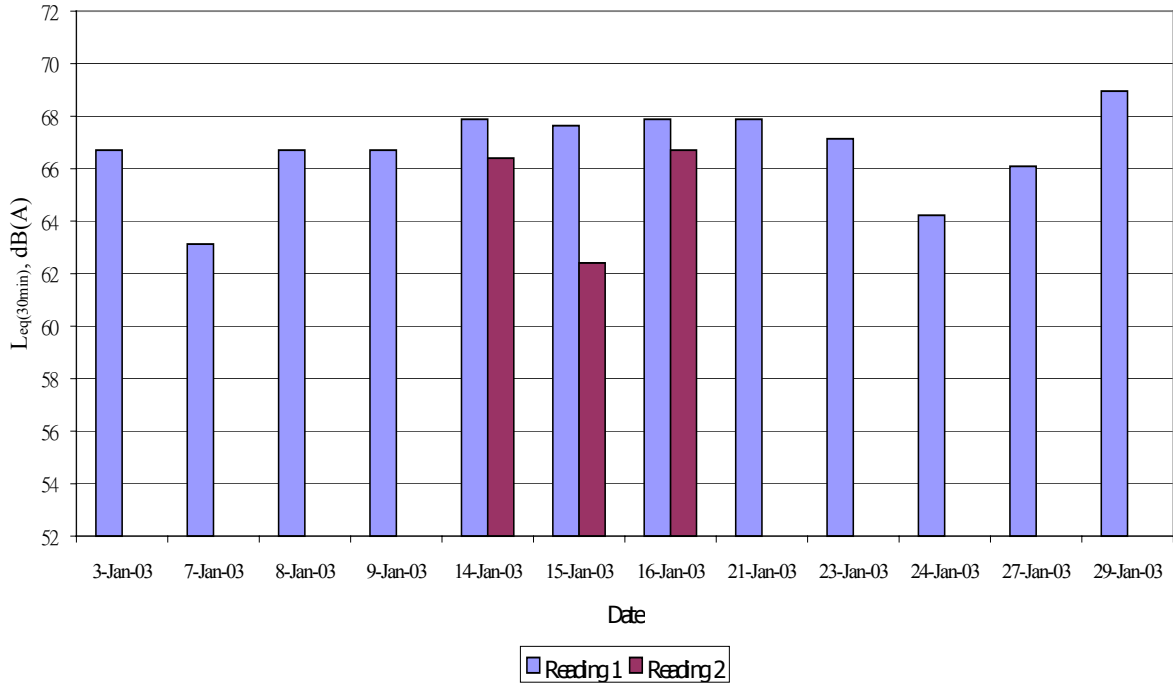
CN12	Major Construction Activities	Activities in Table 7.4.1 of EIA
Week 1: 1 Jan (Wed) – 5 Jan (Sun)	1. Roadworks 2. Site preparation	Y N
Week 2: 6 Jan (Mon) – 12 Jan (Sun)	3. Roadworks 4. Site preparation	Y N
Week 3: 13 Jan (Mon) – 19 Jan (Sun)	5. Roadworks 6. Drainage works 7. Site preparation	Y N N
Week 4: 20 Jan (Mon) – 26 Jan (Sun)	8. Roadworks 9. Drainage works 10. Site preparation	Y N N
Week 5: 27 Jan (Mon) – 31 Jan (Fri)	11. Roadworks 12. Drainage works 13. Site preparation	Y N N

CN12		Time	Measured Leq(30min)	Baseline Reading Used	L <sub>eq</sub> (30min) after Deduction from baseline	Noise Standards
3-Jan-03	Fri	16:00	71.4	<i>69.6</i>	66.7	70
7-Jan-03	Tue	14:00	71.4	<i>70.7</i>	63.1	70
8-Jan-03	Wed	15:00	71.4	<i>69.6</i>	66.7	70
9-Jan-03	Thu	14:30	71.4	<i>69.6</i>	66.7	70
14-Jan-03	Tue	10:20	71.6	<i>69.2</i>	67.9	70
		15:00	71.3	<i>69.6</i>	66.4	70
15-Jan-03	Wed	10:20	71.5	<i>69.2</i>	67.6	70
		14:00	71.3	<i>70.7</i>	62.4	70
16-Jan-03	Thu	11:00	71.6	<i>69.2</i>	67.9	70
		14:40	71.4	<i>69.6</i>	66.7	70
21-Jan-03	Tue	10:15	71.6	<i>69.2</i>	67.9	70
23-Jan-03	Thu	10:40	71.3	<i>69.2</i>	67.1	70
24-Jan-03	Fri	10:30	70.4	<i>69.2</i>	64.2	70
27-Jan-03	Mon	16:00	71.2	<i>69.6</i>	66.1	70
29-Jan-03	Wed	16:00	72.3	<i>69.6</i>	69.0	70
Min Level, dB(A)		62.4				
Max Level, dB(A)		69.0				

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)



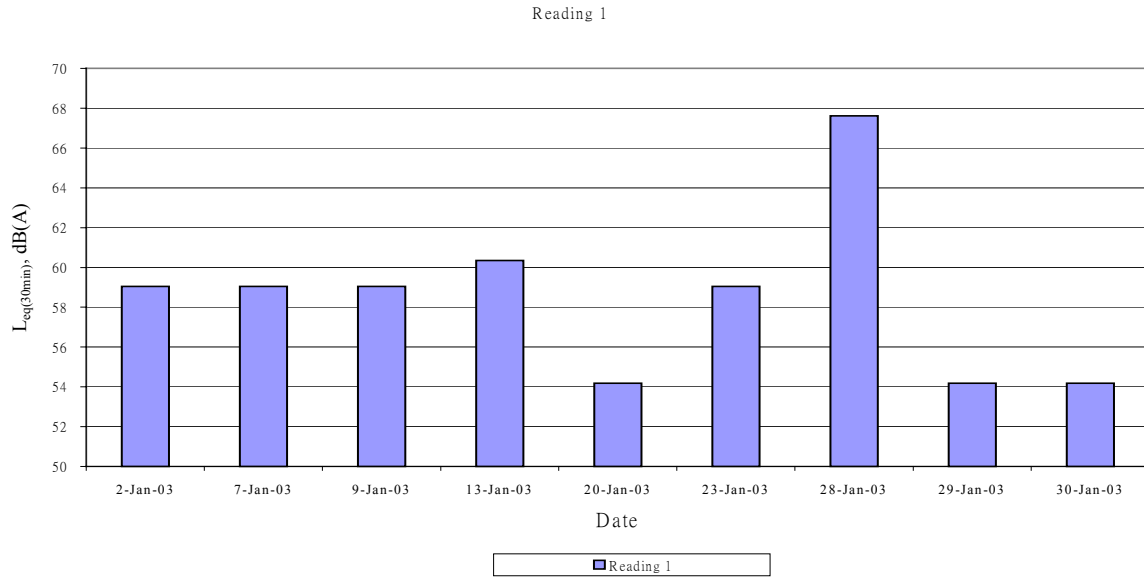
<u>CN13</u>	Major Construction Activities	Activities in Table 7.4.1 of EIA
Week 1: 1 Jan (Wed) – 5 Jan (Sun)	1. Site preparation 2. Placing concrete-Superstructure 3. Removal of formwork	Y Y N
Week 2: 6 Jan (Mon) – 12 Jan (Sun)	4. Site preparation 5. Placing concrete-Superstructure 6. Removal of formwork	Y Y N
Week 3: 13 Jan (Mon) – 19 Jan (Sun)	7. Site preparation 8. Placing concrete-Superstructure 9. Removal of formwork	Y Y N
Week 4: 20 Jan (Mon) – 26 Jan (Sun)	10. Site preparation 11. Erection of formwork of NS 29 12. Curing of concrete	Y N N
Week 5: 27 Jan (Mon) – 31 Jan (Fri)	13. Site preparation 14. Reinstatement of Subway NS28 15. Drainage works	Y N N

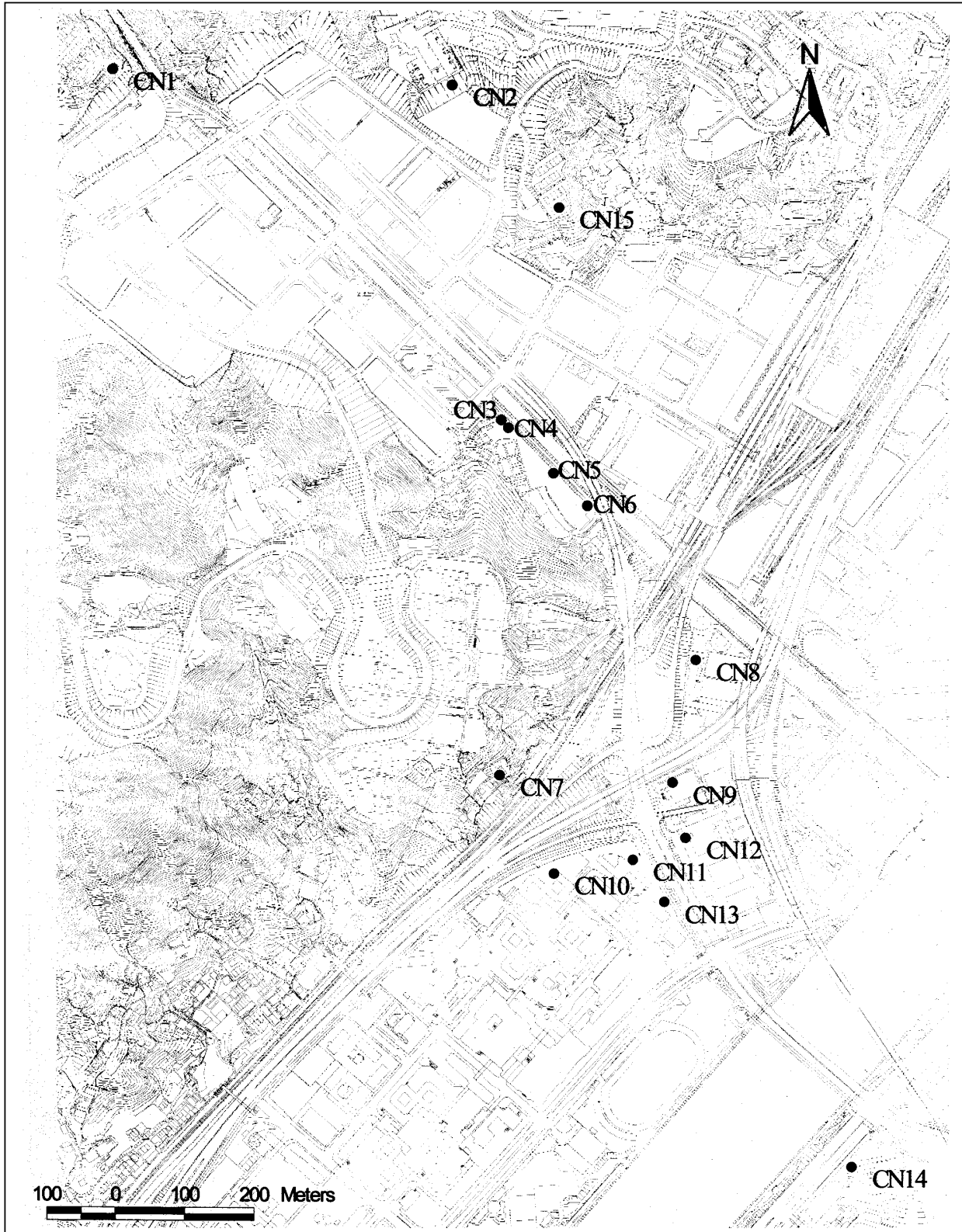
<u>CN13</u>		Time	Measured Leq(30min)	Baseline Reading Used	L <sub>eq</sub> (30min) after deduction from baseline	Noise Standards
2-Jan-03	Thu	11:00	70.4	<i>71.7</i>	#	70
		15:00	70.8	<i>70.5</i>	59.0	70
7-Jan-03	Tue	10:45	70.2	<i>72.7</i>	#	70
		14:30	70.8	<i>70.5</i>	59.0	70
9-Jan-03	Thu	10:45	71.2	<i>72.7</i>	#	70
		15:00	70.8	<i>70.5</i>	59.0	70
10-Jan-03	Fri	11:00	70.2	<i>71.7</i>	#	70
		15:00	70.4	<i>70.5</i>	#	70
13-Jan-03	Mon	11:00	71.1	<i>71.7</i>	#	70
		14:30	70.9	<i>70.5</i>	60.3	70
15-Jan-03	Wed	11:00	70.6	<i>71.7</i>	#	65
		14:30	70.4	<i>70.5</i>	#	65
17-Jan-03	Fri	11:00	70.6	<i>71.7</i>	#	65
		15:00	70.2	<i>70.5</i>	#	65
20-Jan-03	Mon	10:35	71.2	<i>72.7</i>	#	70
		14:30	70.6	<i>70.5</i>	54.2	70
21-Jan-03	Tue	09:35	71.6	<i>74.3</i>	#	70
		14:35	70.4	<i>70.5</i>	#	70
23-Jan-03	Thu	10:05	70.6	<i>74.3</i>	#	70
		14:35	70.8	<i>70.5</i>	59.0	70
28-Jan-03	Tue	11:00	71.4	<i>71.7</i>	#	70
		16:00	72.3	<i>70.5</i>	67.6	70
29-Jan-03	Wed	10:55	71.1	<i>71.7</i>	#	70
		14:25	70.6	<i>70.5</i>	54.2	70
30-Jan-03	Thu	10:45	70.4	<i>72.7</i>	#	70
		14:05	70.6	<i>70.5</i>	54.2	70
Min Level, dB(A)		54.2				
Max Level, dB(A)		67.6				

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

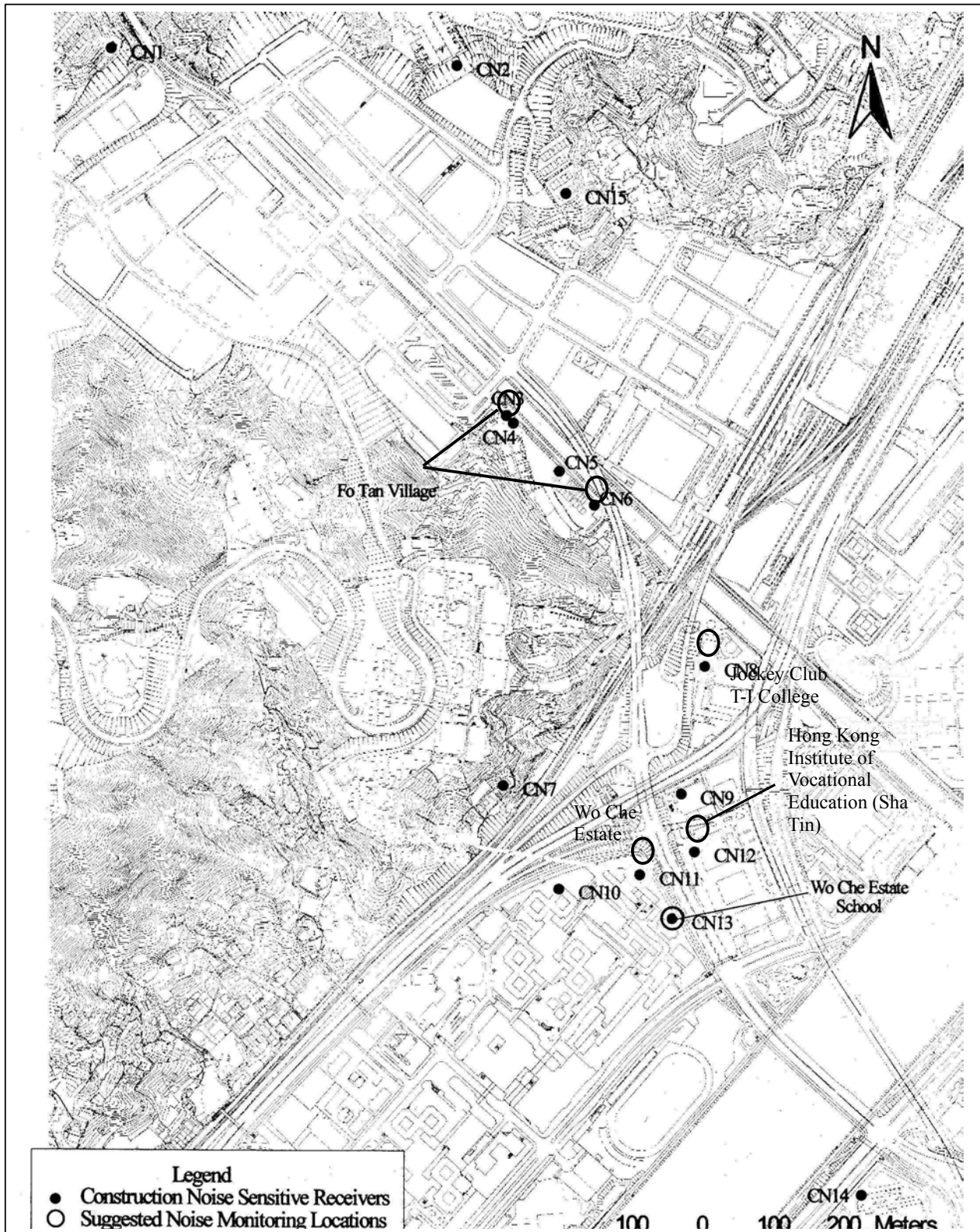
## Noise Impact Monitoring at CN13 (Unrestricted Period)






	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>
		<b>Contract No.: HY/99/02</b>
		<b>Drawing No.: Figure 6.2</b>



## 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 January 2003).

**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 January 2003)

## **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 January 2003. 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	January 2003	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	January 2003	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	January 2003	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 January 2003.

**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. QUARTERLY REVIEW OF THE EM&A PROGRAMME

10.1 This quarterly review provides a summary and an audit of the monitoring results recorded from 1 November 2002 to 31 January 2003 for Widening of Fo Tan Road and Related Improvement Measures in Fo Tan, Contract No HY/99/02. Trend Analyses and Implementation Status of EIA recommendations for the reporting period are included in this chapter.

### Summary of Action and Limit Level Exceedances

10.2 The action and limit levels breached in the reporting period (1 November 2002 to 31 January 2003) are summarised in Table 10.1.

**Table 10.1 Action and Limit Level non-compliances within the reporting months (1 November 2002 to 31 January 2003) for Contract HY/99/02**

Environmental Parameters		November 2003				December 2002				January 2003			
		Total	A	L	%	Total	A	L	%	Total	A	L	%
Noise	Unrestricted Period	118	0	0	0	122	0	0	0	138	0	0	0
Air	1-hr TSP	14	0	0	0	15	0	0	0	15	0	0	0
	24-hr TSP	5	0	0	0	5	0	0	0	5	0	0	0
Water	PH	0	0	0	0	0	0	0	0	0	0	0	0
	SS	0	0	0	0	0	0	0	0	0	0	0	0
	Oil & Grease	0	0	0	0	0	0	0	0	0	0	0	0

Note: Total = Total number of monitoring events undertaken  
 A = Number of monitoring events with results exceeding the Action Level  
 L = Number of monitoring events with results exceeding the Limit Level  
 % = Percentage of exceedance

### Audit of Results

10.3 Water Quality

10.3.1 No exceedance is recorded in the reporting months.

10.4 Air Quality

10.4.1 No exceedance is recorded in the reporting months.

10.5 Noise Level

10.5.1 The noise level monitoring 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.

### **Summary of Observations**

#### 10.6 Water Quality

10.6.1 No exceedance of water quality level has been recorded during this quarter.

10.6.2 No site inspection was conducted by EPD in the reporting months. No Inspection Record was issued during the reporting months.

#### 10.7 Air Quality

10.7.1 No exceedance of air quality level has been recorded during this quarter.

10.7.2 The wind data monitoring equipment for better air quality monitoring was recorded at 5-minute intervals for the period November 2002 to January 2003.

#### 10.8 Noise Level

10.8.1. No exceedance of noise level monitoring has been recorded during this quarter.

### **Summary of Complaints**

10.9.1. No complaint has been received between 1 November 2002 and 31 January 2003.

### **Trend Analyses of Environmental Qualities**

10.10 For Contract HY/99/02, the representative air quality monitoring station is selected at the roof in 66, Fo Tan Village as recommended in the EM&A Manual. The trend of 1-hr and 24-hr TSP monitoring are shown in Figures 10.1 and 10.2.

10.11 The noise level monitoring trends are summarized in Figures 10.3 to 10.8.

**Table 10.2 Summary of Complaints and Environmental Outcome**

Environmental Parameters	Date	Complaint(s)	Mitigation Works	Follow-up Action(s)
-	-	Nil to report		

Figure 10.1

## Trend Analysis of Air Quality (From November 2002 to January 2003)

### 1-hour Total Suspended Particulates (TSP)

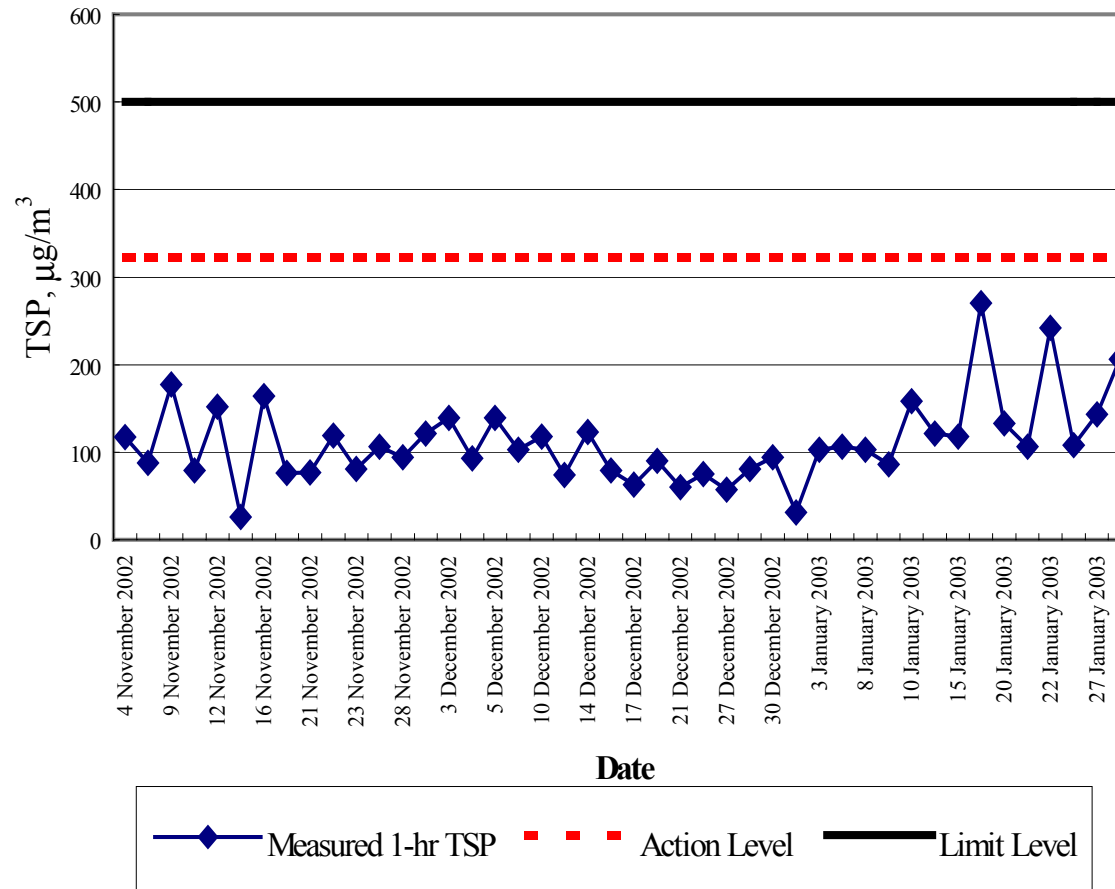
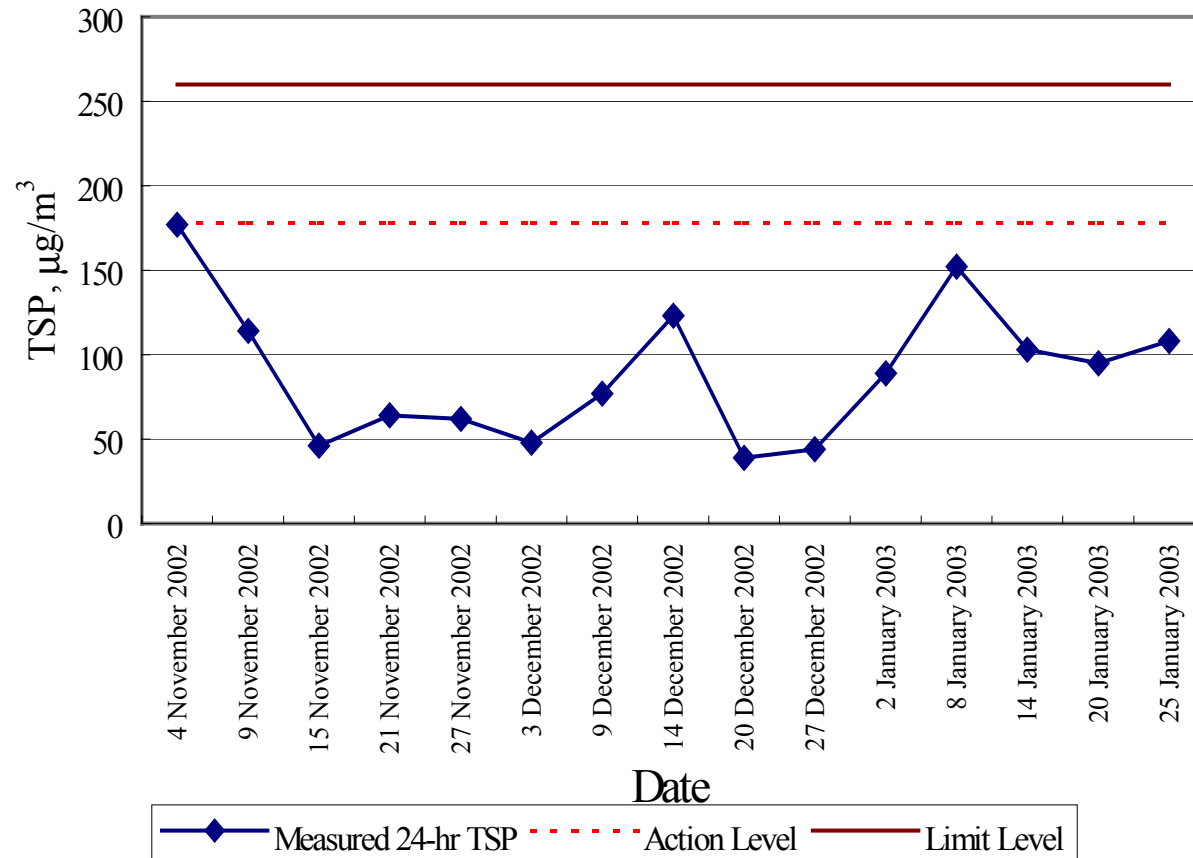


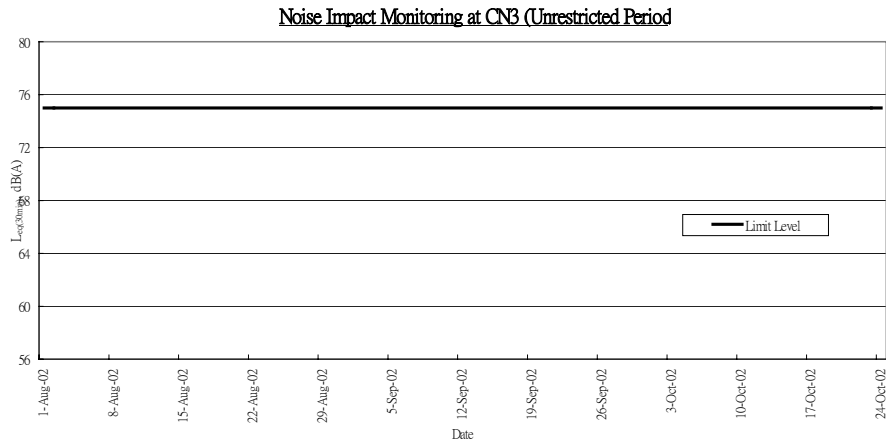
Figure 10.2

### Trend Analysis of Air Quality (From November 2002 to January 2003)

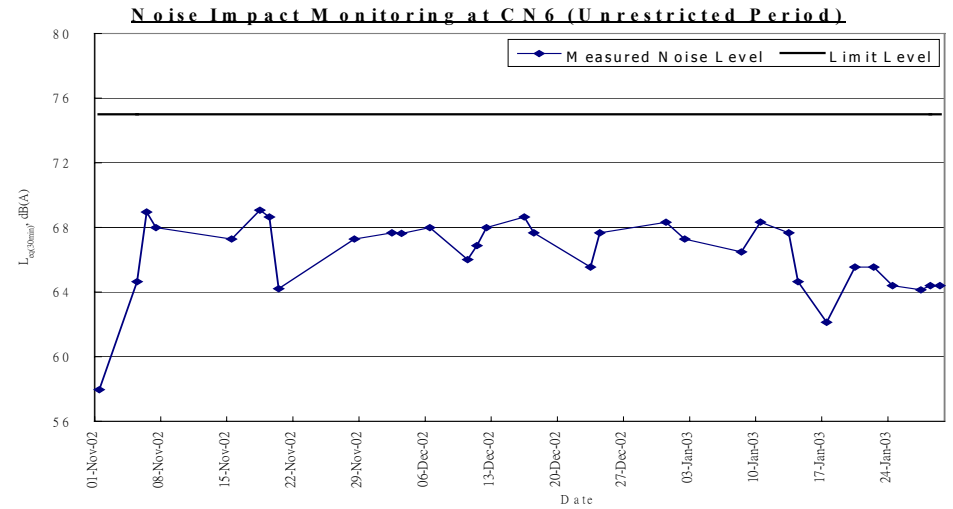
#### 24-hour Total Suspended Particulates (TSP)



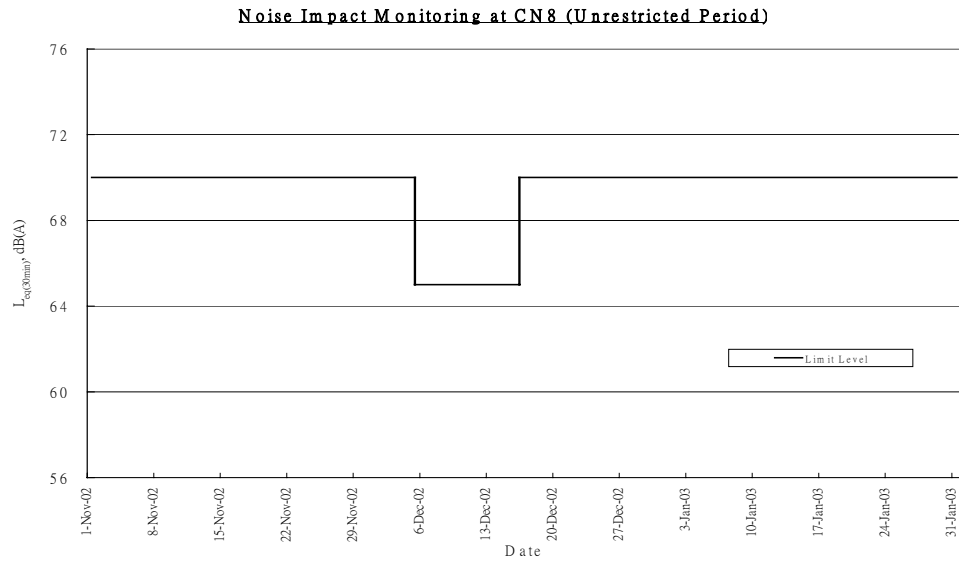
**Figure 10.3**



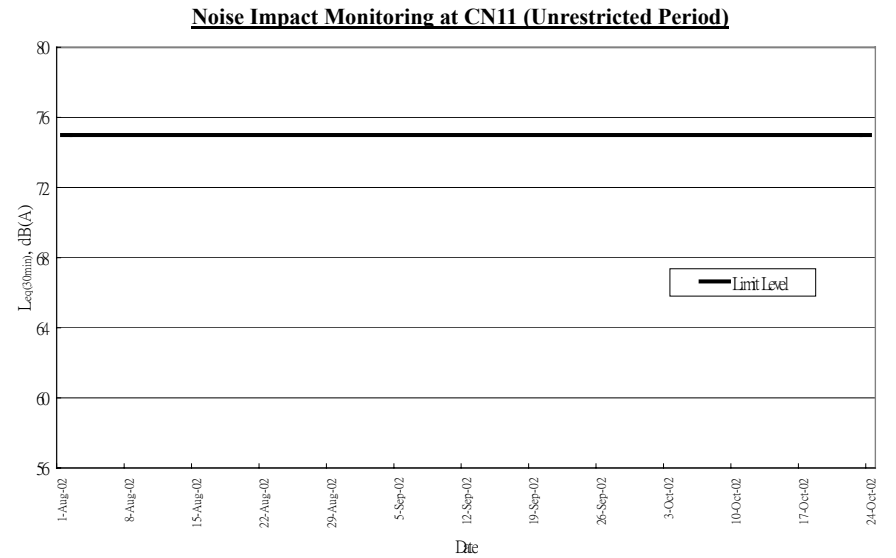
**Figure 10.4**



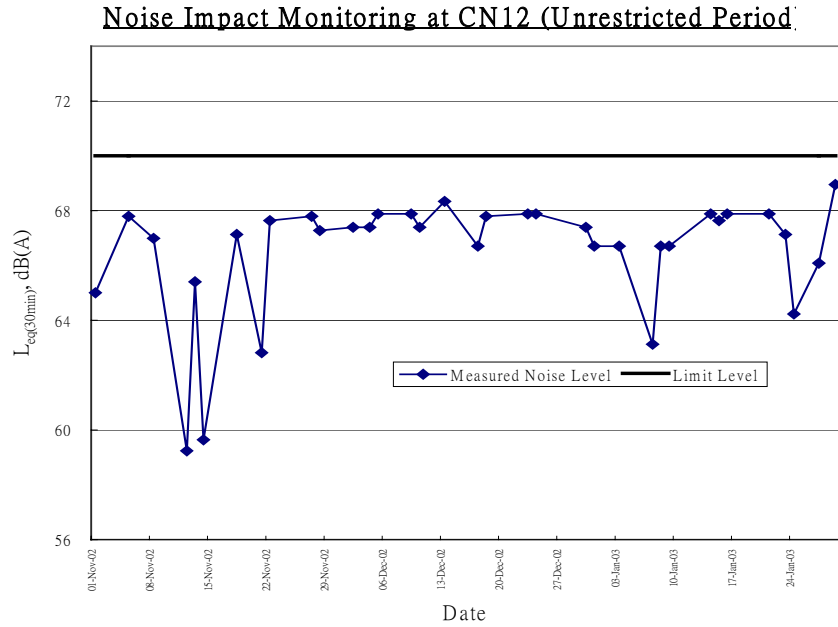
**Figure 10.5**



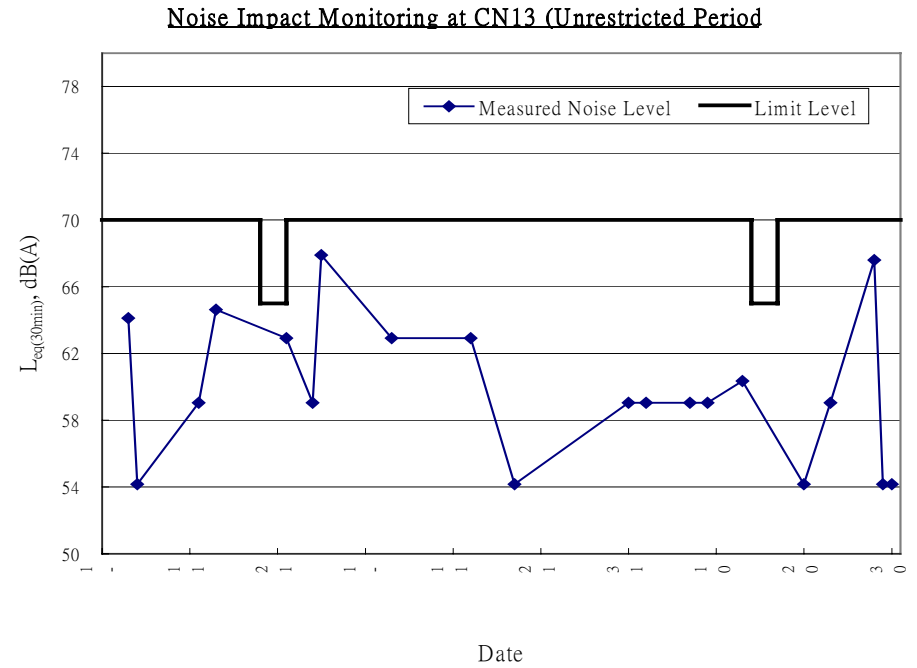
**Figure 10.6**



**Figure 10.7**



**Figure 10.8**



**Note: Starting from June 2001, the presented/plotted data is the adjusted value that has been deducted from the background noise. As such, they may not appear in the trend figure as the measured data is below the baseline value.**



## 11. FUTURE KEY ISSUES

11.1 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.

11.2 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) Installation of roof canopy of Subway NS29 adjacent to Sha Tin Sports Ground – anticipated to be completed by 31/3/03.
- (iii) Finishes and lighting fittings to Subway NS28 adjacent to IVE(ST) – anticipated to be completed by 31/3/03.
- (iv) Construction of parapet of Tai Po Road Overbridge – anticipated to be completed by 29/2/03.
- (v) Construction of bridge segments and north abutment of Railway Overbridge – anticipated to be completed by 31/3/03 and 31/2/03 respectively.
- (vi) Deck stitching between new and existing Fo Tan Nullah Bridge – anticipated to be completed by 25/2/02.
- (vii) Construction of staircase at Turning Tee “A” at Fo Tan Village – anticipated to be completed by 31/2/03
- (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) Piling work and deck construction at Tat Yip Lane Extension – anticipated to be completed by 31/2/03.

## **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. : 36	Reporting Period : 1 January 03 to 31 January 03	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
Report No. : 36	Reporting Period : 1 January 03 to 31 January 03	Page No. : 1 of 1

**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. : 36	Reporting Period : 1 January 03 to 31 January 03	Page No. : 1 of 10

**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

Permit No./Licence No.	Permit Holder	Relevant Ordinance	Description	Licence Valid Period	Remark
GW-TN0543-2002	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Bar bender and cutter (electric), Crane and mobile (diesel), Lorry with crane, Concrete lorry mixer, Excavator (tracked), Power rammer (petrol), Saw (circular, wood), Poker (vibratory, hand-held), Road miller, Dump truck, Road sweeper, Dump truck with grab, Asphalt paver, Road roller, Roller (vibratory), Breaker (electric, hand-held with noise emission label, sound power level $\leq$ 105dB(A))	9 January 2003 - 8 July 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-TN0544-2002	Shun Yuen Construction/CNCEC JV	Noise Control Ordinance	Road miller, Dump truck, Road sweeper, Lorry with grab, Asphalt paver, Road roller, Roller (vibratory), Power pack for hand-held item pf PME, Breaker (hydraulic, hand-held with noise emission label, sound power level $\leq 111$ dB(A)), Breaker (electric, hand-held with noise emission label, sound power level $\leq 105$ dB(A)), Concrete lorry mixer, Poker (vibratory, hand-held, electric), Crane and mobile (diesel), Lorry with crane, Drill (electric, hand-held)	20 January 2003 – 19 July 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. : 36	Reporting Period : 1 January 03 to 31 January 03	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**

<b>ENVIRONMENTAL MONITORING AND AUDIT REPORT</b>		
Contract : Widening of Fo Tan Road and Related Improvement Measures in Fo Tan		Appendix E
Report No. : 36	Reporting Period : 1 January 03 to 31 January 03	Page No. : 1 of 1

**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. : 36	Reporting Period : 1 January 03 to 31 January 03	

**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)
1	1	0	0	0.6	1	348	19
1	1	0	5	0.8	1	347	20
1	1	0	10	0.7	2	345	27
1	1	0	15	1.0	1	344	21
1	1	0	20	0.8	2	340	19
1	1	0	25	1.0	2	344	21
1	1	0	30	0.7	1	328	44
1	1	0	35	0.3	1	306	64
1	1	0	40	0.1	1	220	67
1	1	0	45	0.1	0	156	86
1	1	0	50	0.0	0	93	33
1	1	0	55	0.3	1	313	69
1	1	1	0	0.8	2	246	34
1	1	1	5	0.3	0	315	56
1	1	1	10	0.4	1	225	24
1	1	1	15	0.5	1	264	33
1	1	1	20	0.3	1	273	30
1	1	1	25	0.3	0	245	41
1	1	1	30	0.3	1	288	59
1	1	1	35	0.6	1	272	59
1	1	1	40	0.6	1	270	51
1	1	1	45	0.2	1	245	20
1	1	1	50	0.7	2	257	32
1	1	1	55	0.8	1	270	22
1	1	2	0	0.9	1	244	32
1	1	2	5	0.4	0	300	80
1	1	2	10	0.9	2	352	17
1	1	2	15	0.6	1	267	89
1	1	2	20	0.2	0	313	46
1	1	2	25	0.4	2	281	64
1	1	2	30	0.5	1	260	57
1	1	2	35	0.5	1	319	33
1	1	2	40	0.7	1	324	45
1	1	2	45	0.4	2	305	54
1	1	2	50	1.0	3	294	52
1	1	2	55	0.5	1	279	53
1	1	3	0	0.4	1	289	46
1	1	3	5	0.5	1	246	36
1	1	3	10	0.4	1	251	50
1	1	3	15	0.7	1	287	53
1	1	3	20	0.3	1	302	64
1	1	3	25	0.4	2	282	59
1	1	3	30	1.0	1	265	36
1	1	3	35	0.7	2	243	33
1	1	3	40	0.8	1	253	33
1	1	3	45	1.1	2	253	34
1	1	3	50	0.8	1	263	34
1	1	3	55	0.9	1	266	43
1	1	4	0	0.9	2	243	28
1	1	4	5	0.6	1	217	38
1	1	4	10	0.7	1	250	37
1	1	4	15	1.2	2	255	27
1	1	4	20	1.0	2	257	48
1	1	4	25	0.8	2	246	27
1	1	4	30	0.8	1	267	34
1	1	4	35	1.0	2	263	50
1	1	4	40	0.9	3	257	33
1	1	4	45	0.8	1	259	34
1	1	4	50	1.3	2	248	28
1	1	4	55	1.1	2	266	31
1	1	5	0	0.6	1	271	32
1	1	5	5	0.5	1	266	48
1	1	5	10	0.7	1	237	32
1	1	5	15	0.8	1	236	30
1	1	5	20	1.0	1	277	73
1	1	5	25	0.7	1	332	42
1	1	5	30	0.7	2	276	47
1	1	5	35	0.6	1	274	43
1	1	5	40	1.3	2	278	49
1	1	5	45	1.3	2	269	28
1	1	5	50	0.3	1	295	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)
1	1	5	55	1.0	2	227	28
1	1	6	0	0.6	1	235	26
1	1	6	5	0.7	2	236	41
1	1	6	10	0.9	1	284	56
1	1	6	15	0.5	2	257	66
1	1	6	20	1.0	2	260	42
1	1	6	25	1.1	2	265	36
1	1	6	30	0.8	1	260	44
1	1	6	35	1.1	2	254	32
1	1	6	40	0.9	1	240	43
1	1	6	45	0.9	2	235	26
1	1	6	50	1.1	1	289	50
1	1	6	55	1.1	3	236	27
1	1	7	0	1.0	2	240	32
1	1	7	5	0.9	2	235	42
1	1	7	10	0.8	2	267	54
1	1	7	15	1.0	2	280	42
1	1	7	20	0.4	1	262	62
1	1	7	25	0.3	1	266	56
1	1	7	30	0.6	1	273	54
1	1	7	35	0.7	1	223	25
1	1	7	40	0.8	2	237	43
1	1	7	45	0.9	1	254	47
1	1	7	50	0.7	1	325	43
1	1	7	55	0.4	1	320	68
1	1	8	0	1.1	2	248	29
1	1	8	5	0.9	3	262	44
1	1	8	10	0.8	1	226	68
1	1	8	15	0.8	1	230	39
1	1	8	20	0.7	1	248	51
1	1	8	25	0.6	2	268	42
1	1	8	30	1.1	1	240	24
1	1	8	35	1.1	3	220	22
1	1	8	40	1.0	1	219	25
1	1	8	45	0.8	2	228	30
1	1	8	50	1.3	2	213	24
1	1	8	55	1.1	1	216	20
1	1	9	0	1.1	2	223	26
1	1	9	5	0.6	1	269	35
1	1	9	10	0.6	1	276	48
1	1	9	15	0.8	1	283	46
1	1	9	20	0.4	2	216	69
1	1	9	25	0.6	1	251	57
1	1	9	30	0.8	1	242	37
1	1	9	35	0.4	1	236	60
1	1	9	40	0.6	1	307	55
1	1	9	45	0.6	2	255	50
1	1	9	50	0.9	2	240	35
1	1	9	55	1.2	1	275	54
1	1	10	0	1.0	2	311	46
1	1	10	5	1.2	2	287	60
1	1	10	10	1.1	2	276	57
1	1	10	15	0.8	2	256	44
1	1	10	20	1.2	3	287	46
1	1	10	25	0.8	0	314	61
1	1	10	30	0.7	2	279	55
1	1	10	35	0.6	1	278	39
1	1	10	40	0.6	1	329	36
1	1	10	45	0.6	1	318	71
1	1	10	50	0.7	2	344	47
1	1	10	55	1.0	1	343	28
1	1	11	0	0.7	1	344	39
1	1	11	5	0.9	1	314	53
1	1	11	10	0.4	1	298	53
1	1	11	15	0.5	1	267	52
1	1	11	20	0.1	0	221	89
1	1	11	25	0.7	2	307	32
1	1	11	30	0.5	1	7	95
1	1	11	35	0.6	1	309	62
1	1	11	40	1.0	2	4	30
1	1	11	45	0.8	2	312	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)
1	1	11	50	1.0	2	232	53
1	1	11	55	0.9	2	300	73
1	1	12	0	0.9	2	303	71
1	1	12	5	0.9	2	253	51
1	1	12	10	0.6	1	323	51
1	1	12	15	0.6	2	337	58
1	1	12	20	1.0	3	275	54
1	1	12	25	0.4	0	270	54
1	1	12	30	1.1	1	276	53
1	1	12	35	0.8	1	349	71
1	1	12	40	0.8	1	292	72
1	1	12	45	0.9	2	260	29
1	1	12	50	0.9	1	266	53
1	1	12	55	0.5	2	337	56
1	1	13	0	1.2	2	229	36
1	1	13	5	0.8	0	325	57
1	1	13	10	0.7	1	337	31
1	1	13	15	0.5	2	291	48
1	1	13	20	1.0	2	261	54
1	1	13	25	0.9	2	26	44
1	1	13	30	0.9	2	279	68
1	1	13	35	0.9	1	239	34
1	1	13	40	0.7	1	359	38
1	1	13	45	0.4	2	231	91
1	1	13	50	1.1	1	225	38
1	1	13	55	0.6	1	353	62
1	1	14	0	0.8	1	260	33
1	1	14	5	0.7	2	332	56
1	1	14	10	0.6	1	236	68
1	1	14	15	0.8	1	261	55
1	1	14	20	0.6	1	238	50
1	1	14	25	0.7	1	358	53
1	1	14	30	0.5	1	325	61
1	1	14	35	0.9	1	236	41
1	1	14	40	0.3	0	205	92
1	1	14	45	0.4	1	276	67
1	1	14	50	0.8	2	348	38
1	1	14	55	0.6	0	338	75
1	1	15	0	0.8	2	31	71
1	1	15	5	1.0	5	354	69
1	1	15	10	1.9	2	356	43
1	1	15	15	1.5	4	324	41
1	1	15	20	0.8	2	15	31
1	1	15	25	0.8	1	336	79
1	1	15	30	1.1	1	354	48
1	1	15	35	1.1	3	5	70
1	1	15	40	1.3	3	333	52
1	1	15	45	1.6	2	354	32
1	1	15	50	0.9	1	16	70
1	1	15	55	1.4	2	8	66
1	1	16	0	0.8	2	12	62
1	1	16	5	1.5	2	350	39
1	1	16	10	1.5	2	16	54
1	1	16	15	1.6	3	346	32
1	1	16	20	1.0	1	53	78
1	1	16	25	1.3	1	86	53
1	1	16	30	0.8	2	41	64
1	1	16	35	0.8	4	1	61
1	1	16	40	1.6	4	8	59
1	1	16	45	0.7	4	250	97
1	1	16	50	0.7	2	290	77
1	1	16	55	0.9	3	45	61
1	1	17	0	1.2	1	80	61
1	1	17	5	1.1	2	68	49
1	1	17	10	0.7	1	83	68
1	1	17	15	0.3	1	83	65
1	1	17	20	0.7	2	35	67
1	1	17	25	0.6	1	84	48
1	1	17	30	0.4	1	71	64
1	1	17	35	0.7	1	77	41
1	1	17	40	0.4	1	101	65
1	1	17	45	0.8	3	83	79
1	1	17	50	1.1	1	31	59
1	1	17	55	0.9	2	75	65
1	1	18	0	0.6	1	87	48
1	1	18	5	0.8	2	91	36
1	1	18	10	0.4	1	34	47
1	1	18	15	0.3	0	49	80
1	1	18	20	0.2	0	101	56
1	1	18	25	0.7	1	55	47
1	1	18	30	0.6	1	36	62
1	1	18	35	0.9	1	33	53
1	1	18	40	1.1	2	17	47
1	1	18	45	1.0	2	81	63

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)
1	1	18	50	0.9	2	23	60
1	1	18	55	0.5	1	74	73
1	1	19	0	0.5	0	328	53
1	1	19	5	0.2	1	44	101
1	1	19	10	0.5	1	53	62
1	1	19	15	0.6	1	20	39
1	1	19	20	0.7	1	231	37
1	1	19	25	0.3	1	221	23
1	1	19	30	0.6	1	260	60
1	1	19	35	0.5	1	268	59
1	1	19	40	0.7	2	53	99
1	1	19	45	0.5	1	191	54
1	1	19	50	0.9	4	212	101
1	1	19	55	0.6	2	238	85
1	1	20	0	0.5	1	272	78
1	1	20	5	0.5	1	1	57
1	1	20	10	0.4	1	131	68
1	1	20	15	0.6	1	214	17
1	1	20	20	0.3	1	261	37
1	1	20	25	0.6	2	226	28
1	1	20	30	0.6	1	237	45
1	1	20	35	0.5	2	241	32
1	1	20	40	0.8	2	223	75
1	1	20	45	0.1	0	340	35
1	1	20	50	0.8	1	242	77
1	1	20	55	0.9	3	51	63
1	1	21	0	0.6	1	64	53
1	1	21	5	0.4	1	326	50
1	1	21	10	1.0	0	89	35
1	1	21	15	0.5	2	87	81
1	1	21	20	0.6	2	20	69
1	1	21	25	1.3	2	357	35
1	1	21	30	1.3	2	357	31
1	1	21	35	0.4	1	34	72
1	1	21	40	0.8	2	39	67
1	1	21	45	0.3	1	120	87
1	1	21	50	0.1	0	160	38
1	1	21	55	0.5	1	116	75
1	1	22	0	0.3	1	46	77
1	1	22	5	0.2	1	246	94
1	1	22	10	0.4	2	348	87
1	1	22	15	1.0	2	74	57
1	1	22	20	0.8	1	78	75
1	1	22	25	0.9	2	125	79
1	1	22	30	1.1	2	88	66
1	1	22	35	0.6	1	353	33
1	1	22	40	0.5	2	288	79
1	1	22	45	1.0	3	76	49
1	1	22	50	1.6	4	5	95
1	1	22	55	0.6	2	12	73
1	1	23	0	2.1	5	356	46
1	1	23	5	1.4	3	0	67
1	1	23	10	1.4	3	10	54
1	1	23	15	0.9	3	343	67
1	1	23	20	1.4	1	19	63
1	1	23	25	0.5	1	284	63
1	1	23	30	1.7	5	333	54
1	1	23	35	1.2	2	330	50
1	1	23	40	2.4	7	351	39
1	1	23	45	1.6	3	348	39
1	1	23	50	2.0	5	338	50
1	1	23	55	1.1	2	319	44
1	2	0	0	1.5	2	350	32
1	2	0	5	1.6	1	8	63
1	2	0	10	0.9	3	244	55
1	2	0	15	0.5	3	290	57
1	2	0	20	1.4	2	7	50
1	2	0	25	0.9	2	330	33
1	2	0	30	0.6	1	291	88
1	2	0	35	1.1	1	293	82
1	2	0	40	1.2	3	21	76
1	2	0	45	1.2	3	315	71
1	2	0	50	1.3	2	356	48
1	2	0	55	1.0	2	6	49
1	2	1	0	0.8	1	131	90
1	2	1	5	0.6	1	262	98
1	2	1	10	1.6	2	12	65
1	2	1	15	1.3	1	253	49
1	2	1	20	0.8	1	196	95
1	2	1	25	1.2	2	36	74
1	2	1	30	1.3	3	322	72
1	2	1	35	1.1	1	292	88
1	2	1	40	0.5	1	48	84
1	2	1	45	0.9	2	229	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)
1	2	1	50	0.5	0	294	68
1	2	1	55	0.6	1	225	52
1	2	2	0	0.6	2	66	89
1	2	2	5	0.6	1	244	70
1	2	2	10	0.6	1	267	66
1	2	2	15	0.6	1	288	66
1	2	2	20	1.1	0	233	51
1	2	2	25	1.0	2	236	79
1	2	2	30	0.9	3	272	78
1	2	2	35	1.2	3	231	89
1	2	2	40	1.2	1	228	49
1	2	2	45	1.4	2	172	83
1	2	2	50	0.7	1	207	76
1	2	2	55	0.3	0	87	92
1	2	3	0	0.8	2	228	88
1	2	3	5	0.7	1	269	59
1	2	3	10	1.4	2	323	68
1	2	3	15	0.7	1	68	94
1	2	3	20	1.7	5	350	60
1	2	3	25	0.8	2	29	65
1	2	3	30	0.7	1	219	93
1	2	3	35	1.4	1	311	70
1	2	3	40	1.1	2	305	102
1	2	3	45	0.9	0	299	86
1	2	3	50	0.7	1	232	55
1	2	3	55	0.8	3	275	95
1	2	4	0	1.6	5	40	65
1	2	4	5	1.1	1	23	55
1	2	4	10	1.1	2	11	88
1	2	4	15	0.8	3	328	81
1	2	4	20	1.6	3	28	67
1	2	4	25	1.2	2	8	53
1	2	4	30	1.1	3	324	94
1	2	4	35	1.2	2	236	66
1	2	4	40	0.4	2	194	77
1	2	4	45	1.3	2	232	30
1	2	4	50	1.1	2	257	65
1	2	4	55	0.9	1	219	42
1	2	5	0	0.8	3	212	46
1	2	5	5	1.0	1	234	71
1	2	5	10	1.3	4	321	70
1	2	5	15	1.4	2	256	60
1	2	5	20	1.1	3	250	80
1	2	5	25	0.8	0	238	76
1	2	5	30	0.8	2	133	54
1	2	5	35	0.5	1	302	92
1	2	5	40	0.7	2	177	83
1	2	5	45	1.2	3	167	74
1	2	5	50	1.0	1	251	84
1	2	5	55	1.3	3	304	92
1	2	6	0	0.8	1	224	95
1	2	6	5	1.1	1	256	54
1	2	6	10	0.6	1	222	63
1	2	6	15	1.7	3	231	24
1	2	6	20	1.3	2	210	74
1	2	6	25	1.1	1	301	73
1	2	6	30	1.5	2	215	49
1	2	6	35	1.5	4	233	38
1	2	6	40	1.4	1	243	40
1	2	6	45	0.8	3	142	96
1	2	6	50	0.9	2	231	52
1	2	6	55	1.0	2	286	69
1	2	7	0	0.9	5	289	77
1	2	7	5	1.3	4	318	72
1	2	7	10	1.4	2	221	90
1	2	7	15	0.9	3	257	62
1	2	7	20	1.3	3	234	83
1	2	7	25	0.9	1	273	88
1	2	7	30	0.9	3	261	68
1	2	7	35	1.5	4	303	96
1	2	7	40	1.1	2	213	94
1	2	7	45	1.2	3	262	61
1	2	7	50	1.2	3	316	59
1	2	7	55	1.2	2	9	59
1	2	8	0	0.9	2	348	81
1	2	8	5	0.9	0	312	80
1	2	8	10	1.1	3	269	96
1	2	8	15	0.7	2	95	86
1	2	8	20	1.4	3	351	66
1	2	8	25	1.1	1	8	53
1	2	8	30	0.6	0	3	53
1	2	8	35	0.8	4	319	83
1	2	8	40	0.3	1	179	58
1	2	8	45	1.2	2	347	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)
1	2	8	50	0.4	2	239	54
1	2	8	55	0.3	1	299	64
1	2	9	0	0.2	1	249	61
1	2	9	5	0.5	3	2	72
1	2	9	10	1.6	3	357	63
1	2	9	15	1.7	3	27	32
1	2	9	20	1.5	4	354	64
1	2	9	25	0.7	1	35	67
1	2	9	30	0.9	2	90	56
1	2	9	35	1.0	2	95	48
1	2	9	40	1.0	1	68	60
1	2	9	45	0.8	2	57	68
1	2	9	50	0.9	3	28	77
1	2	9	55	1.0	2	78	71
1	2	10	0	1.0	1	105	40
1	2	10	5	1.5	4	81	43
1	2	10	10	1.4	4	69	73
1	2	10	15	1.3	2	139	73
1	2	10	20	1.1	2	34	82
1	2	10	25	1.7	3	30	76
1	2	10	30	0.9	2	300	88
1	2	10	35	1.3	2	84	62
1	2	10	40	1.1	2	78	66
1	2	10	45	0.8	2	76	49
1	2	10	50	1.1	1	63	55
1	2	10	55	1.1	2	58	59
1	2	11	0	0.6	1	42	73
1	2	11	5	0.7	2	52	95
1	2	11	10	0.8	3	54	60
1	2	11	15	0.9	2	30	79
1	2	11	20	0.7	1	87	82
1	2	11	25	0.9	1	47	55
1	2	11	30	1.4	4	57	66
1	2	11	35	1.0	1	84	66
1	2	11	40	1.1	3	95	47
1	2	11	45	1.1	2	8	90
1	2	11	50	1.6	4	112	53
1	2	11	55	1.2	4	83	64
1	2	12	0	2.0	3	45	49
1	2	12	5	1.2	2	345	92
1	2	12	10	1.2	2	29	74
1	2	12	15	0.7	1	24	102
1	2	12	20	1.0	2	353	63
1	2	12	25	0.9	2	2	72
1	2	12	30	0.9	1	12	68
1	2	12	35	0.6	2	137	76
1	2	12	40	0.9	1	78	70
1	2	12	45	0.9	3	5	73
1	2	12	50	0.8	1	33	60
1	2	12	55	1.3	3	342	60
1	2	13	0	0.8	2	8	49
1	2	13	5	1.0	3	28	60
1	2	13	10	0.9	1	24	67
1	2	13	15	1.3	4	55	70
1	2	13	20	1.2	4	356	26
1	2	13	25	1.1	3	47	79
1	2	13	30	0.9	1	114	54
1	2	13	35	0.7	1	45	50
1	2	13	40	0.4	0	82	47
1	2	13	45	0.2	1	77	54
1	2	13	50	0.7	2	350	50
1	2	13	55	0.8	1	341	71
1	2	14	0	0.6	1	349	69
1	2	14	5	1.1	2	28	53
1	2	14	10	0.7	1	34	94
1	2	14	15	0.8	2	36	63
1	2	14	20	0.3	1	316	46
1	2	14	25	0.2	0	4	54
1	2	14	30	0.8	2	279	46
1	2	14	35	0.6	2	321	59
1	2	14	40	0.3	1	263	70
1	2	14	45	0.5	1	233	42
1	2	14	50	0.6	2	259	71
1	2	14	55	0.6	1	258	50
1	2	15	0	0.6	1	306	40
1	2	15	5	1.1	2	274	47
1	2	15	10	0.7	2	276	65
1	2	15	15	0.5	1	208	33
1	2	15	20	0.9	1	234	50
1	2	15	25	0.6	0	216	75
1	2	15	30	0.8	1	258	43
1	2	15	35	0.8	2	248	59
1	2	15	40	0.5	1	251	43
1	2	15	45	0.4	2	246	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)
1	2	15	50	0.4	1	265	45
1	2	15	55	0.7	1	243	55
1	2	16	0	0.7	2	252	34
1	2	16	5	0.4	1	249	46
1	2	16	10	0.6	1	328	31
1	2	16	15	0.5	1	309	40
1	2	16	20	0.5	2	320	50
1	2	16	25	0.7	2	250	34
1	2	16	30	0.5	1	270	46
1	2	16	35	0.3	0	255	46
1	2	16	40	0.3	1	239	32
1	2	16	45	0.8	2	262	42
1	2	16	50	1.0	1	268	45
1	2	16	55	0.8	1	297	42
1	2	17	0	0.3	1	251	47
1	2	17	5	0.2	1	230	45
1	2	17	10	0.7	1	254	34
1	2	17	15	0.6	2	318	37
1	2	17	20	0.9	1	326	21
1	2	17	25	0.4	2	322	88
1	2	17	30	0.4	0	305	73
1	2	17	35	0.2	0	221	68
1	2	17	40	0.6	1	251	23
1	2	17	45	0.5	0	271	47
1	2	17	50	0.1	1	327	69
1	2	17	55	0.5	1	242	41
1	2	18	0	0.5	0	336	42
1	2	18	5	0.2	0	340	74
1	2	18	10	0.2	1	240	83
1	2	18	15	0.3	1	260	55
1	2	18	20	0.5	1	238	48
1	2	18	25	0.7	1	225	34
1	2	18	30	0.5	0	283	20
1	2	18	35	0.1	0	274	25
1	2	18	40	0.2	0	280	48
1	2	18	45	0.6	1	9	28
1	2	18	50	0.1	0	302	64
1	2	18	55	0.6	2	250	40
1	2	19	0	0.4	1	235	55
1	2	19	5	0.3	1	270	31
1	2	19	10	0.4	1	282	36
1	2	19	15	0.2	1	295	52
1	2	19	20	0.3	0	283	55
1	2	19	25	0.7	2	349	21
1	2	19	30	0.7	1	345	23
1	2	19	35	0.7	1	342	38
1	2	19	40	1.0	1	340	20
1	2	19	45	0.5	1	351	26
1	2	19	50	0.9	1	355	20
1	2	19	55	0.4	1	351	20
1	2	20	0	1.0	2	359	22
1	2	20	5	0.5	0	14	44
1	2	20	10	0.5	0	69	42
1	2	20	15	0.4	1	21	33
1	2	20	20	0.3	0	341	17
1	2	20	25	0.3	2	90	42
1	2	20	30	0.4	1	65	55
1	2	20	35	0.4	1	62	85
1	2	20	40	0.2	0	214	13
1	2	20	45	0.1	0	187	20
1	2	20	50	0.2	1	123	85
1	2	20	55	0.5	1	239	61
1	2	21	0	0.6	1	241	40
1	2	21	5	1.2	3	345	24
1	2	21	10	1.5	3	347	22
1	2	21	15	1.7	3	346	21
1	2	21	20	2.0	4	345	21
1	2	21	25	1.5	2	322	39
1	2	21	30	1.3	2	243	43
1	2	21	35	0.6	2	319	41
1	2	21	40	0.9	2	253	53
1	2	21	45	1.0	3	269	46
1	2	21	50	0.8	2	315	50
1	2	21	55	0.8	1	316	47
1	2	22	0	1.2	1	276	58
1	2	22	5	1.6	3	229	38
1	2	22	10	1.7	2	225	27
1	2	22	15	1.7	3	226	28
1	2	22	20	1.8	3	237	27
1	2	22	25	1.4	2	231	26
1	2	22	30	1.6	5	229	31
1	2	22	35	1.3	1	247	38
1	2	22	40	0.9	2	245	40
1	2	22	45	1.2	3	240	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)
1	2	22	50	1.4	2	231	35
1	2	22	55	2.0	4	238	40
1	2	23	0	1.2	2	244	45
1	2	23	5	1.2	2	243	40
1	2	23	10	1.4	2	266	33
1	2	23	15	1.1	2	275	36
1	2	23	20	1.1	3	241	40
1	2	23	25	1.6	3	224	28
1	2	23	30	1.3	2	227	27
1	2	23	35	1.6	4	225	26
1	2	23	40	1.7	3	226	26
1	2	23	45	1.8	4	221	25
1	2	23	50	1.6	2	226	30
1	2	23	55	2.0	5	217	25
1	3	0	0	1.8	4	217	24
1	3	0	5	2.2	4	226	24
1	3	0	10	2.1	4	220	26
1	3	0	15	1.5	2	223	27
1	3	0	20	1.9	5	224	28
1	3	0	25	2.3	4	218	29
1	3	0	30	1.5	3	243	34
1	3	0	35	1.3	3	243	35
1	3	0	40	1.9	2	235	22
1	3	0	45	1.5	3	236	35
1	3	0	50	1.6	5	233	31
1	3	0	55	1.4	3	244	42
1	3	1	0	1.9	5	244	32
1	3	1	5	1.8	3	228	28
1	3	1	10	1.5	3	232	35
1	3	1	15	1.8	3	229	32
1	3	1	20	2.2	6	218	28
1	3	1	25	2.2	3	221	28
1	3	1	30	2.2	3	219	27
1	3	1	35	1.9	3	229	36
1	3	1	40	1.5	3	239	43
1	3	1	45	1.7	4	232	29
1	3	1	50	1.7	3	235	32
1	3	1	55	1.6	1	227	28
1	3	2	0	2.7	6	219	25
1	3	2	5	2.0	3	222	28
1	3	2	10	2.3	4	228	33
1	3	2	15	2.1	5	225	27
1	3	2	20	2.2	5	229	31
1	3	2	25	2.2	3	220	24
1	3	2	30	2.2	4	222	29
1	3	2	35	2.1	4	220	28
1	3	2	40	1.6	4	240	36
1	3	2	45	2.0	3	227	32
1	3	2	50	2.4	7	236	40
1	3	2	55	2.2	5	231	33
1	3	3	0	1.9	3	225	30
1	3	3	5	2.0	5	226	37
1	3	3	10	2.5	5	220	34
1	3	3	15	2.0	3	224	37
1	3	3	20	1.8	3	236	37
1	3	3	25	2.0	4	235	42
1	3	3	30	1.8	6	236	35
1	3	3	35	2.1	5	231	30
1	3	3	40	2.1	5	239	43
1	3	3	45	2.2	5	222	31
1	3	3	50	2.9	4	215	28
1	3	3	55	1.7	4	230	60
1	3	4	0	2.2	5	224	36
1	3	4	5	3.0	4	219	40
1	3	4	10	1.7	6	234	51
1	3	4	15	2.5	5	219	25
1	3	4	20	2.2	5	232	39
1	3	4	25	1.9	5	233	47
1	3	4	30	2.3	5	220	26
1	3	4	35	2.3	3	220	26
1	3	4	40	1.7	3	218	29
1	3	4	45	1.4	3	229	32
1	3	4	50	2.1	4	226	29
1	3	4	55	1.8	2	218	23
1	3	5	0	1.2	2	247	21
1	3	5	5	1.1	1	270	52
1	3	5	10	1.4	3	236	26
1	3	5	15	1.0	1	266	47
1	3	5	20	0.7	2	267	36
1	3	5	25	1.1	2	286	48
1	3	5	30	1.0	2	294	54
1	3	5	35	1.4	3	263	29
1	3	5	40	1.4	2	256	32
1	3	5	45	1.3	2	265	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)
1	3	5	50	1.6	2	319	45
1	3	5	55	1.6	3	267	33
1	3	6	0	1.1	1	265	41
1	3	6	5	1.4	5	236	51
1	3	6	10	3.0	5	219	27
1	3	6	15	1.5	3	270	41
1	3	6	20	1.5	3	249	47
1	3	6	25	1.2	3	237	46
1	3	6	30	2.2	4	222	30
1	3	6	35	2.1	5	225	26
1	3	6	40	2.5	5	219	27
1	3	6	45	3.1	7	223	26
1	3	6	50	3.0	5	220	23
1	3	6	55	3.2	7	220	24
1	3	7	0	2.1	4	227	31
1	3	7	5	1.7	4	235	28
1	3	7	10	1.9	2	230	30
1	3	7	15	2.2	4	227	29
1	3	7	20	2.2	6	226	33
1	3	7	25	3.0	4	222	24
1	3	7	30	2.1	2	225	27
1	3	7	35	2.1	5	220	32
1	3	7	40	1.3	2	244	31
1	3	7	45	1.8	5	250	31
1	3	7	50	2.0	3	258	43
1	3	7	55	1.5	2	249	29
1	3	8	0	1.6	2	237	47
1	3	8	5	1.3	3	232	28
1	3	8	10	1.7	3	239	30
1	3	8	15	1.2	2	277	33
1	3	8	20	1.9	3	264	36
1	3	8	25	1.2	1	302	44
1	3	8	30	1.3	2	238	29
1	3	8	35	1.2	3	250	51
1	3	8	40	1.5	4	253	37
1	3	8	45	1.5	3	257	43
1	3	8	50	1.8	4	282	60
1	3	8	55	1.3	3	271	53
1	3	9	0	1.5	3	234	31
1	3	9	5	1.5	2	229	35
1	3	9	10	0.5	1	304	81
1	3	9	15	1.0	3	340	71
1	3	9	20	1.3	2	343	36
1	3	9	25	1.1	1	307	40
1	3	9	30	1.5	5	331	46
1	3	9	35	1.5	3	287	39
1	3	9	40	0.8	1	269	47
1	3	9	45	0.9	2	237	51
1	3	9	50	1.0	3	281	72
1	3	9	55	1.1	2	272	45
1	3	10	0	1.3	2	246	50
1	3	10	5	0.6	1	256	76
1	3	10	10	1.5	3	289	55
1	3	10	15	1.3	2	250	49
1	3	10	20	1.1	2	267	57
1	3	10	25	1.6	4	238	32
1	3	10	30	1.6	3	238	46
1	3	10	35	1.3	2	280	56
1	3	10	40	0.5	1	311	64
1	3	10	45	0.7	3	355	35
1	3	10	50	1.1	2	287	53
1	3	10	55	1.2	1	323	45
1	3	11	0	0.9	2	294	53
1	3	11	5	1.0	2	322	52
1	3	11	10	1.3	3	339	55
1	3	11	15	1.6	2	346	27
1	3	11	20	1.7	3	5	45
1	3	11	25	1.9	3	356	25
1	3	11	30	1.6	3	346	30
1	3	11	35	1.9	3	351	23
1	3	11	40	1.9	3	354	20
1	3	11	45	1.3	3	330	41
1	3	11	50	1.2	2	334	65
1	3	11	55	0.7	2	345	72
1	3	12	0	1.8	4	345	22
1	3	12	5	1.3	2	348	28
1	3	12	10	1.6	2	352	28
1	3	12	15	1.9	2	350	26
1	3	12	20	1.5	4	356	30
1	3	12	25	1.2	2	348	24
1	3	12	30	1.8	4	1	27
1	3	12	35	1.8	3	352	23
1	3	12	40	1.1	2	353	57
1	3	12	45	1.2	1	270	58

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)
1	3	12	50	0.6	1	295	77
1	3	12	55	0.5	1	234	78
1	3	13	0	1.2	3	347	50
1	3	13	5	1.5	2	331	45
1	3	13	10	1.1	3	344	64
1	3	13	15	1.3	3	353	30
1	3	13	20	1.5	2	349	26
1	3	13	25	1.2	1	351	34
1	3	13	30	1.2	2	348	24
1	3	13	35	1.8	4	340	29
1	3	13	40	1.1	1	315	49
1	3	13	45	0.9	4	334	70
1	3	13	50	1.1	2	285	56
1	3	13	55	1.2	1	336	69
1	3	14	0	0.7	3	319	72
1	3	14	5	1.1	3	269	64
1	3	14	10	0.8	3	306	52
1	3	14	15	1.8	4	5	24
1	3	14	20	0.9	2	36	83
1	3	14	25	0.9	2	278	68
1	3	14	30	1.3	2	287	50
1	3	14	35	0.9	3	313	64
1	3	14	40	1.9	3	335	26
1	3	14	45	1.0	2	338	57
1	3	14	50	1.0	2	1	46
1	3	14	55	0.5	1	289	88
1	3	15	0	0.6	2	80	60
1	3	15	5	0.7	1	339	68
1	3	15	10	0.5	1	355	68
1	3	15	15	0.9	2	341	62
1	3	15	20	0.9	1	234	51
1	3	15	25	0.7	2	214	59
1	3	15	30	1.1	2	220	31
1	3	15	35	1.2	1	233	49
1	3	15	40	0.8	2	187	51
1	3	15	45	0.8	3	225	48
1	3	15	50	1.0	2	217	38
1	3	15	55	1.3	1	220	74
1	3	16	0	0.9	2	235	68
1	3	16	5	0.8	2	220	66
1	3	16	10	1.1	3	237	37
1	3	16	15	1.0	1	230	49
1	3	16	20	0.9	2	221	30
1	3	16	25	1.1	2	233	48
1	3	16	30	0.6	1	240	47
1	3	16	35	0.7	1	262	33
1	3	16	40	0.6	1	240	30
1	3	16	45	0.8	1	204	23
1	3	16	50	1.0	2	222	23
1	3	16	55	1.0	1	265	38
1	3	17	0	0.8	1	224	45
1	3	17	5	0.8	1	241	38
1	3	17	10	0.8	2	207	23
1	3	17	15	0.9	1	228	19
1	3	17	20	0.6	1	233	22
1	3	17	25	0.8	1	220	16
1	3	17	30	0.8	1	213	17
1	3	17	35	0.8	1	217	16
1	3	17	40	0.6	1	215	15
1	3	17	45	0.9	1	211	17
1	3	17	50	0.7	1	215	16
1	3	17	55	0.7	2	221	21
1	3	18	0	0.9	1	221	14
1	3	18	5	0.8	1	217	15
1	3	18	10	1.0	1	227	23
1	3	18	15	0.9	2	224	23
1	3	18	20	0.9	1	231	18
1	3	18	25	1.0	2	229	16
1	3	18	30	0.7	2	228	20
1	3	18	35	1.0	1	233	21
1	3	18	40	0.8	2	215	17
1	3	18	45	0.9	1	214	15
1	3	18	50	0.5	1	229	22
1	3	18	55	0.2	0	223	17
1	3	19	0	0.4	1	200	12
1	3	19	5	0.7	1	204	11
1	3	19	10	0.6	1	216	12
1	3	19	15	0.4	0	221	19
1	3	19	20	0.8	1	219	21
1	3	19	25	0.6	1	224	25
1	3	19	30	0.7	1	212	14
1	3	19	35	0.7	1	212	12
1	3	19	40	0.6	0	214	17
1	3	19	45	0.5	1	218	11



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)
1	3	19	50	0.6	1	212	11
1	3	19	55	0.8	1	215	14
1	3	20	0	0.7	1	219	13
1	3	20	5	0.6	1	221	16
1	3	20	10	0.7	1	218	18
1	3	20	15	0.6	1	214	16
1	3	20	20	0.7	1	215	15
1	3	20	25	0.6	1	212	14
1	3	20	30	0.6	1	221	20
1	3	20	35	0.7	1	217	22
1	3	20	40	0.6	2	228	24
1	3	20	45	0.7	1	212	18
1	3	20	50	0.8	1	215	15
1	3	20	55	0.6	1	216	15
1	3	21	0	0.5	1	222	16
1	3	21	5	0.4	2	218	19
1	3	21	10	0.6	1	217	17
1	3	21	15	0.7	1	235	21
1	3	21	20	0.7	1	225	18
1	3	21	25	0.4	2	217	23
1	3	21	30	0.3	1	232	22
1	3	21	35	0.6	2	221	18
1	3	21	40	0.5	1	233	20
1	3	21	45	0.8	1	220	18
1	3	21	50	0.6	1	224	18
1	3	21	55	0.5	1	220	20
1	3	22	0	0.4	0	217	18
1	3	22	5	0.4	1	207	11
1	3	22	10	0.3	1	201	7
1	3	22	15	0.1	0	196	12
1	3	22	20	0.0	0	187	17
1	3	22	25	0.1	0	271	16
1	3	22	30	0.0	0	209	54
1	3	22	35	0.2	1	212	23
1	3	22	40	0.1	0	201	9
1	3	22	45	0.0	0	200	9
1	3	22	50	0.2	0	221	15
1	3	22	55	0.0	0	263	34
1	3	23	0	0.2	1	205	15
1	3	23	5	0.3	1	215	13
1	3	23	10	0.4	1	216	15
1	3	23	15	0.3	1	215	17
1	3	23	20	0.3	1	216	25
1	3	23	25	0.5	1	219	16
1	3	23	30	0.5	1	211	15
1	3	23	35	0.5	1	223	24
1	3	23	40	0.1	0	199	17
1	3	23	45	0.4	1	211	14
1	3	23	50	0.3	0	207	13
1	3	23	55	0.4	1	213	17
1	4	0	0	0.3	1	216	19
1	4	0	5	0.4	1	209	15
1	4	0	10	0.3	0	193	14
1	4	0	15	0.1	0	206	29
1	4	0	20	0.1	0	202	7
1	4	0	25	0.3	1	211	15
1	4	0	30	0.3	1	214	16
1	4	0	35	0.5	1	209	14
1	4	0	40	0.5	1	212	13
1	4	0	45	0.1	0	223	29
1	4	0	50	0.2	1	205	18
1	4	0	55	0.1	1	210	7
1	4	1	0	0.1	0	198	10
1	4	1	5	0.0	0	145	28
1	4	1	10	0.2	1	165	41
1	4	1	15	0.4	1	213	15
1	4	1	20	0.3	1	215	14
1	4	1	25	0.4	1	206	17
1	4	1	30	0.2	0	216	15
1	4	1	35	0.1	0	192	4
1	4	1	40	0.2	1	204	18
1	4	1	45	0.2	0	200	17
1	4	1	50	0.2	0	221	21
1	4	1	55	0.3	1	213	20
1	4	2	0	0.3	1	205	13
1	4	2	5	0.5	1	215	20
1	4	2	10	0.4	1	225	17
1	4	2	15	0.4	1	226	18
1	4	2	20	0.3	1	211	27
1	4	2	25	0.5	1	219	21
1	4	2	30	0.4	1	210	20
1	4	2	35	0.1	0	219	26
1	4	2	40	0.5	1	204	12
1	4	2	45	0.5	1	218	18

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)
1	4	2	50	0.2	0	199	25
1	4	2	55	0.4	1	223	17
1	4	3	0	0.4	0	216	13
1	4	3	5	0.5	1	221	16
1	4	3	10	0.5	1	218	15
1	4	3	15	0.5	1	214	21
1	4	3	20	0.2	1	214	17
1	4	3	25	0.1	0	193	10
1	4	3	30	0.1	0	206	10
1	4	3	35	0.3	1	208	19
1	4	3	40	0.1	0	193	11
1	4	3	45	0.2	1	196	11
1	4	3	50	0.2	0	196	10
1	4	3	55	0.2	0	194	4
1	4	4	0	0.1	0	193	6
1	4	4	5	0.1	0	201	9
1	4	4	10	0.2	0	202	8
1	4	4	15	0.3	0	207	9
1	4	4	20	0.3	1	209	12
1	4	4	25	0.3	1	226	17
1	4	4	30	0.2	0	224	19
1	4	4	35	0.1	0	200	8
1	4	4	40	0.2	0	200	17
1	4	4	45	0.1	0	213	13
1	4	4	50	0.2	0	206	51
1	4	4	55	0.1	0	202	25
1	4	5	0	0.0	0	161	43
1	4	5	5	0.1	0	79	59
1	4	5	10	0.1	1	81	23
1	4	5	15	0.1	1	167	29
1	4	5	20	0.2	1	187	10
1	4	5	25	0.1	0	197	11
1	4	5	30	0.2	1	228	15
1	4	5	35	0.2	0	192	86
1	4	5	40	0.0	0	114	25
1	4	5	45	0.0	0	115	41
1	4	5	50	0.1	0	145	62
1	4	5	55	0.0	0	58	12
1	4	6	0	0.1	0	133	44
1	4	6	5	0.2	0	195	23
1	4	6	10	0.1	0	154	29
1	4	6	15	0.1	0	87	41
1	4	6	20	0.1	0	0	62
1	4	6	25	0.2	1	330	73
1	4	6	30	0.2	1	42	51
1	4	6	35	0.4	1	57	69
1	4	6	40	0.2	0	187	21
1	4	6	45	0.1	0	201	8
1	4	6	50	0.3	1	200	23
1	4	6	55	0.2	0	199	31
1	4	7	0	0.0	0	157	2
1	4	7	5	0.0	0	175	85
1	4	7	10	0.1	0	9	89
1	4	7	15	0.0	0	208	44
1	4	7	20	0.2	0	190	37
1	4	7	25	0.1	0	148	23
1	4	7	30	0.1	1	150	44
1	4	7	35	0.6	2	359	32
1	4	7	40	0.5	0	51	36
1	4	7	45	0.1	0	31	65
1	4	7	50	0.2	1	237	84
1	4	7	55	0.1	0	18	45
1	4	8	0	0.0	0	5	64
1	4	8	5	0.3	1	261	80
1	4	8	10	0.3	1	40	70
1	4	8	15	0.3	1	6	37
1	4	8	20	0.4	1	7	40
1	4	8	25	0.7	1	36	45
1	4	8	30	0.5	1	351	78
1	4	8	35	0.6	1	27	59
1	4	8	40	0.2	0	207	64
1	4	8	45	0.7	2	245	44
1	4	8	50	0.7	2	308	41
1	4	8	55	0.6	1	350	60
1	4	9	0	0.9	2	327	30
1	4	9	5	0.6	1	344	63
1	4	9	10	0.8	2	317	46
1	4	9	15	1.1	3	351	42
1	4	9	20	1.5	2	351	26
1	4	9	25	0.9	2	347	72
1	4	9	30	1.0	2	337	34
1	4	9	35	1.1	2	351	32
1	4	9	40	0.7	1	353	49
1	4	9	45	1.5	2	11	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)
1	4	9	50	1.3	2	3	37
1	4	9	55	1.6	2	19	25
1	4	10	0	1.3	3	7	30
1	4	10	5	0.9	1	31	33
1	4	10	10	0.8	1	18	45
1	4	10	15	1.5	3	359	24
1	4	10	20	0.8	1	329	70
1	4	10	25	0.8	1	267	91
1	4	10	30	0.9	3	309	82
1	4	10	35	1.1	2	354	43
1	4	10	40	1.0	2	1	31
1	4	10	45	1.2	2	344	47
1	4	10	50	0.7	2	12	69
1	4	10	55	0.8	1	17	79
1	4	11	0	0.5	1	337	32
1	4	11	5	0.5	1	303	49
1	4	11	10	0.3	1	14	67
1	4	11	15	0.8	2	347	34
1	4	11	20	0.8	1	25	46
1	4	11	25	0.6	2	33	54
1	4	11	30	0.9	2	333	31
1	4	11	35	0.6	1	339	41
1	4	11	40	1.2	2	2	23
1	4	11	45	0.8	1	347	40
1	4	11	50	0.7	2	332	35
1	4	11	55	1.1	2	334	40
1	4	12	0	0.7	1	349	87
1	4	12	5	1.2	2	334	52
1	4	12	10	0.9	3	284	67
1	4	12	15	1.0	2	275	81
1	4	12	20	1.2	2	279	78
1	4	12	25	1.8	3	359	24
1	4	12	30	0.8	2	337	76
1	4	12	35	1.0	3	230	54
1	4	12	40	0.8	2	302	73
1	4	12	45	1.2	2	350	35
1	4	12	50	1.3	3	359	26
1	4	12	55	0.8	0	340	66
1	4	13	0	0.9	3	345	76
1	4	13	5	1.4	2	5	44
1	4	13	10	1.6	2	345	32
1	4	13	15	1.1	2	336	53
1	4	13	20	0.6	0	349	68
1	4	13	25	0.5	2	22	86
1	4	13	30	1.3	3	4	36
1	4	13	35	1.2	3	340	46
1	4	13	40	0.8	2	351	56
1	4	13	45	1.1	2	318	52
1	4	13	50	0.8	1	8	52
1	4	13	55	0.8	2	42	76
1	4	14	0	1.4	2	2	20
1	4	14	5	1.5	3	346	45
1	4	14	10	1.4	4	355	34
1	4	14	15	1.4	2	359	43
1	4	14	20	1.4	2	15	38
1	4	14	25	0.8	1	37	85
1	4	14	30	0.8	4	219	73
1	4	14	35	0.9	1	286	68
1	4	14	40	0.9	3	7	47
1	4	14	45	1.3	2	306	66
1	4	14	50	1.4	1	250	38
1	4	14	55	0.9	2	261	56
1	4	15	0	1.2	4	264	79
1	4	15	5	1.0	2	215	28
1	4	15	10	1.5	3	270	43
1	4	15	15	1.5	2	241	37
1	4	15	20	0.7	1	253	72
1	4	15	25	0.6	1	247	51
1	4	15	30	0.7	2	282	46
1	4	15	35	0.5	1	303	74
1	4	15	40	0.4	0	256	97
1	4	15	45	1.1	2	307	66
1	4	15	50	0.9	2	232	57
1	4	15	55	0.8	2	231	62
1	4	16	0	1.2	2	223	28
1	4	16	5	0.8	1	215	68
1	4	16	10	0.9	1	304	40
1	4	16	15	0.5	1	221	43
1	4	16	20	1.0	2	236	33
1	4	16	25	1.4	3	254	39
1	4	16	30	0.5	1	228	39
1	4	16	35	0.4	1	249	58
1	4	16	40	0.6	1	243	48
1	4	16	45	0.7	1	234	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)
1	4	16	50	0.5	1	212	17
1	4	16	55	0.8	2	233	24
1	4	17	0	0.3	1	356	83
1	4	17	5	0.3	1	211	87
1	4	17	10	0.0	0	331	93
1	4	17	15	0.3	1	201	18
1	4	17	20	0.3	0	252	69
1	4	17	25	0.3	1	172	45
1	4	17	30	0.4	1	185	52
1	4	17	35	0.7	1	195	18
1	4	17	40	0.8	2	228	21
1	4	17	45	0.6	1	225	18
1	4	17	50	0.7	1	216	20
1	4	17	55	0.6	1	219	21
1	4	18	0	0.7	1	205	16
1	4	18	5	0.6	2	230	24
1	4	18	10	0.6	1	230	30
1	4	18	15	0.4	0	231	30
1	4	18	20	0.7	1	226	19
1	4	18	25	0.6	1	227	14
1	4	18	30	0.4	1	224	23
1	4	18	35	0.5	1	211	11
1	4	18	40	0.3	0	194	10
1	4	18	45	0.4	1	54	44
1	4	18	50	0.9	2	23	36
1	4	18	55	0.4	0	25	51
1	4	19	0	0.5	1	198	8
1	4	19	5	0.7	1	214	15
1	4	19	10	0.2	0	207	30
1	4	19	15	0.5	1	203	18
1	4	19	20	0.7	1	207	10
1	4	19	25	0.5	1	219	11
1	4	19	30	0.4	1	212	19
1	4	19	35	0.2	0	219	29
1	4	19	40	0.2	0	254	66
1	4	19	45	0.1	1	120	16
1	4	19	50	0.1	0	108	35
1	4	19	55	0.3	0	170	30
1	4	20	0	0.5	1	200	6
1	4	20	5	0.4	0	194	14
1	4	20	10	0.1	0	181	27
1	4	20	15	0.3	1	225	33
1	4	20	20	0.8	2	237	12
1	4	20	25	0.7	1	243	26
1	4	20	30	0.3	1	230	28
1	4	20	35	0.2	0	238	55
1	4	20	40	0.3	0	267	81
1	4	20	45	0.2	1	244	99
1	4	20	50	0.4	0	283	70
1	4	20	55	0.2	0	13	68
1	4	21	0	0.2	1	153	40
1	4	21	5	0.1	0	177	12
1	4	21	10	0.1	1	180	11
1	4	21	15	0.5	1	178	21
1	4	21	20	0.3	1	263	90
1	4	21	25	0.6	2	311	81
1	4	21	30	0.4	0	308	88
1	4	21	35	1.2	2	311	77
1	4	21	40	0.3	1	270	74
1	4	21	45	0.2	1	235	58
1	4	21	50	0.6	1	211	17
1	4	21	55	0.6	1	224	16
1	4	22	0	0.8	1	222	21
1	4	22	5	0.5	1	217	17
1	4	22	10	0.7	1	214	15
1	4	22	15	0.9	1	215	14
1	4	22	20	0.8	2	227	17
1	4	22	25	0.6	1	222	18
1	4	22	30	0.3	1	229	19
1	4	22	35	0.4	0	223	20
1	4	22	40	0.2	0	233	10
1	4	22	45	0.4	1	225	18
1	4	22	50	0.5	1	224	18
1	4	22	55	0.6	1	231	17
1	4	23	0	0.7	1	243	12
1	4	23	5	0.5	1	221	12
1	4	23	10	0.6	1	235	15
1	4	23	15	0.5	1	219	13
1	4	23	20	0.3	0	220	14
1	4	23	25	0.4	0	211	11
1	4	23	30	0.3	0	232	24
1	4	23	35	0.4	1	232	18
1	4	23	40	0.6	1	245	10
1	4	23	45	0.8	1	240	16

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)
1	4	23	50	0.6	1	229	17
1	4	23	55	0.4	0	223	25
1	5	0	0	0.5	1	220	16
1	5	0	5	0.2	0	234	21
1	5	0	10	0.4	0	228	17
1	5	0	15	0.4	1	219	15
1	5	0	20	0.1	0	189	72
1	5	0	25	0.3	0	339	58
1	5	0	30	0.3	1	245	25
1	5	0	35	0.8	2	243	23
1	5	0	40	0.8	2	258	46
1	5	0	45	0.8	2	240	35
1	5	0	50	0.9	1	252	60
1	5	0	55	1.1	2	224	62
1	5	1	0	0.9	1	226	57
1	5	1	5	1.5	1	262	43
1	5	1	10	0.6	1	284	44
1	5	1	15	0.7	1	245	45
1	5	1	20	0.6	2	241	33
1	5	1	25	1.0	2	261	28
1	5	1	30	1.0	2	245	31
1	5	1	35	0.8	1	244	56
1	5	1	40	1.1	2	242	36
1	5	1	45	0.4	1	280	61
1	5	1	50	0.9	2	258	29
1	5	1	55	1.3	2	245	24
1	5	2	0	1.2	2	272	35
1	5	2	5	0.9	2	265	49
1	5	2	10	1.0	3	253	64
1	5	2	15	1.2	1	263	33
1	5	2	20	1.0	1	261	56
1	5	2	25	1.1	1	238	52
1	5	2	30	1.5	2	230	28
1	5	2	35	1.3	2	226	34
1	5	2	40	1.2	2	222	35
1	5	2	45	1.0	1	245	43
1	5	2	50	1.2	2	254	24
1	5	2	55	1.3	1	226	45
1	5	3	0	1.1	3	249	46
1	5	3	5	0.7	2	245	41
1	5	3	10	1.4	3	244	44
1	5	3	15	1.0	2	250	41
1	5	3	20	1.0	2	245	43
1	5	3	25	1.1	2	254	39
1	5	3	30	1.0	1	256	48
1	5	3	35	0.8	2	252	42
1	5	3	40	1.0	2	229	52
1	5	3	45	1.3	2	280	47
1	5	3	50	0.9	1	247	39
1	5	3	55	1.1	2	245	39
1	5	4	0	1.6	3	243	32
1	5	4	5	1.3	3	256	41
1	5	4	10	1.3	3	264	39
1	5	4	15	1.2	2	293	48
1	5	4	20	1.5	4	236	30
1	5	4	25	1.3	2	268	77
1	5	4	30	1.5	2	238	39
1	5	4	35	1.6	3	239	33
1	5	4	40	1.7	4	252	31
1	5	4	45	1.9	5	241	29
1	5	4	50	2.1	3	251	26
1	5	4	55	0.6	1	256	54
1	5	5	0	0.9	2	246	52
1	5	5	5	0.6	1	307	78
1	5	5	10	1.1	2	231	47
1	5	5	15	1.3	3	227	37
1	5	5	20	1.3	3	223	52
1	5	5	25	0.9	2	264	45
1	5	5	30	1.6	2	258	30
1	5	5	35	1.2	3	260	59
1	5	5	40	1.3	2	241	35
1	5	5	45	1.1	2	257	32
1	5	5	50	1.3	2	255	31
1	5	5	55	1.7	2	252	27
1	5	6	0	1.4	3	266	43
1	5	6	5	1.1	1	257	48
1	5	6	10	0.8	1	243	50
1	5	6	15	0.8	1	246	40
1	5	6	20	1.0	1	242	43
1	5	6	25	1.0	2	250	43
1	5	6	30	1.2	2	251	33
1	5	6	35	1.0	3	236	34
1	5	6	40	1.6	2	240	29
1	5	6	45	1.4	2	247	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)
1	5	6	50	1.4	3	256	37
1	5	6	55	1.5	2	238	42
1	5	7	0	1.6	5	254	33
1	5	7	5	1.6	4	262	35
1	5	7	10	1.6	3	241	53
1	5	7	15	1.5	4	267	53
1	5	7	20	1.7	3	265	34
1	5	7	25	1.5	3	241	30
1	5	7	30	1.1	2	245	47
1	5	7	35	1.5	3	273	31
1	5	7	40	1.7	4	273	48
1	5	7	45	0.8	1	324	59
1	5	7	50	0.8	3	255	34
1	5	7	55	0.3	2	309	80
1	5	8	0	1.1	1	258	42
1	5	8	5	1.1	2	271	43
1	5	8	10	1.2	3	237	50
1	5	8	15	1.2	3	238	30
1	5	8	20	1.4	2	263	35
1	5	8	25	1.2	2	238	35
1	5	8	30	1.3	2	240	32
1	5	8	35	1.4	3	267	55
1	5	8	40	1.2	2	235	31
1	5	8	45	1.8	2	237	34
1	5	8	50	1.7	3	243	43
1	5	8	55	1.5	4	250	51
1	5	9	0	1.7	3	245	31
1	5	9	5	1.7	2	240	42
1	5	9	10	2.2	3	251	34
1	5	9	15	1.9	1	268	43
1	5	9	20	1.6	3	246	46
1	5	9	25	1.9	3	240	36
1	5	9	30	1.5	3	247	48
1	5	9	35	1.4	3	247	53
1	5	9	40	1.3	2	250	41
1	5	9	45	1.0	3	230	81
1	5	9	50	1.4	3	242	33
1	5	9	55	1.6	5	264	52
1	5	10	0	1.7	2	261	43
1	5	10	5	1.0	1	233	54
1	5	10	10	1.6	4	237	43
1	5	10	15	2.0	3	257	48
1	5	10	20	1.4	4	231	34
1	5	10	25	1.1	2	256	74
1	5	10	30	1.6	4	264	46
1	5	10	35	1.8	3	239	44
1	5	10	40	1.6	2	247	50
1	5	10	45	1.3	2	253	55
1	5	10	50	1.6	3	223	42
1	5	10	55	1.3	1	241	55
1	5	11	0	0.8	1	252	60
1	5	11	5	1.0	3	251	73
1	5	11	10	1.4	2	223	51
1	5	11	15	1.2	2	0	55
1	5	11	20	0.9	3	290	59
1	5	11	25	1.1	1	346	48
1	5	11	30	1.2	2	337	40
1	5	11	35	1.0	4	332	50
1	5	11	40	1.0	2	352	52
1	5	11	45	1.3	2	356	63
1	5	11	50	1.4	2	7	34
1	5	11	55	0.9	1	252	87
1	5	12	0	0.8	2	273	61
1	5	12	5	1.1	3	249	67
1	5	12	10	1.2	2	327	74
1	5	12	15	1.2	3	349	42
1	5	12	20	1.0	2	279	62
1	5	12	25	1.3	2	336	36
1	5	12	30	1.3	2	333	27
1	5	12	35	1.0	1	337	40
1	5	12	40	0.8	2	315	52
1	5	12	45	1.2	2	260	36
1	5	12	50	1.1	1	294	57
1	5	12	55	1.5	2	350	25
1	5	13	0	0.8	2	354	45
1	5	13	5	1.3	2	307	50
1	5	13	10	1.0	3	339	52
1	5	13	15	1.3	1	333	22
1	5	13	20	0.8	2	356	44
1	5	13	25	1.4	2	2	33
1	5	13	30	0.8	2	348	35
1	5	13	35	1.0	2	295	52
1	5	13	40	1.2	2	319	44
1	5	13	45	0.7	2	347	52

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)
1	5	13	50	0.7	2	281	73
1	5	13	55	0.8	2	304	68
1	5	14	0	1.0	1	334	55
1	5	14	5	0.9	1	241	68
1	5	14	10	0.9	2	292	68
1	5	14	15	0.8	3	234	64
1	5	14	20	0.4	2	333	49
1	5	14	25	1.3	1	335	49
1	5	14	30	0.9	3	290	64
1	5	14	35	1.4	3	254	42
1	5	14	40	1.1	2	257	52
1	5	14	45	1.3	2	256	59
1	5	14	50	1.2	3	252	34
1	5	14	55	1.1	1	257	54
1	5	15	0	1.2	3	330	78
1	5	15	5	0.6	3	293	84
1	5	15	10	1.1	1	249	56
1	5	15	15	0.8	2	252	46
1	5	15	20	1.0	2	272	41
1	5	15	25	1.2	2	248	59
1	5	15	30	1.2	2	285	48
1	5	15	35	0.4	4	74	82
1	5	15	40	1.6	3	20	42
1	5	15	45	1.8	4	341	40
1	5	15	50	1.1	2	29	52
1	5	15	55	1.7	3	358	47
1	5	16	0	1.4	2	355	46
1	5	16	5	1.2	4	343	53
1	5	16	10	1.7	4	338	30
1	5	16	15	1.7	2	5	48
1	5	16	20	0.9	2	103	77
1	5	16	25	1.7	4	351	46
1	5	16	30	1.0	2	1	60
1	5	16	35	0.9	2	48	65
1	5	16	40	1.2	2	48	57
1	5	16	45	1.5	4	352	39
1	5	16	50	1.1	4	339	52
1	5	16	55	1.4	2	12	56
1	5	17	0	1.0	3	9	62
1	5	17	5	1.1	1	40	59
1	5	17	10	1.6	5	9	59
1	5	17	15	1.1	1	36	77
1	5	17	20	1.4	4	16	71
1	5	17	25	1.3	2	19	73
1	5	17	30	0.9	1	339	70
1	5	17	35	1.0	2	15	67
1	5	17	40	1.2	1	3	48
1	5	17	45	1.2	4	7	65
1	5	17	50	1.4	2	10	44
1	5	17	55	0.9	2	0	54
1	5	18	0	0.9	2	71	74
1	5	18	5	1.5	3	353	37
1	5	18	10	0.8	2	16	73
1	5	18	15	0.5	1	45	55
1	5	18	20	0.5	0	148	78
1	5	18	25	0.7	2	53	93
1	5	18	30	0.9	1	264	74
1	5	18	35	1.0	2	207	24
1	5	18	40	0.5	2	279	74
1	5	18	45	1.1	2	244	60
1	5	18	50	1.1	1	225	23
1	5	18	55	0.3	1	222	18
1	5	19	0	0.5	1	239	18
1	5	19	5	0.5	1	229	22
1	5	19	10	0.3	2	329	78
1	5	19	15	1.1	2	349	42
1	5	19	20	0.5	2	327	51
1	5	19	25	0.6	2	306	68
1	5	19	30	1.7	4	344	40
1	5	19	35	1.2	3	5	45
1	5	19	40	0.8	3	0	68
1	5	19	45	1.5	5	346	49
1	5	19	50	1.2	3	1	51
1	5	19	55	1.5	2	350	44
1	5	20	0	1.4	2	336	30
1	5	20	5	1.1	2	355	40
1	5	20	10	1.3	3	3	60
1	5	20	15	1.0	1	84	68
1	5	20	20	0.9	2	40	49
1	5	20	25	1.3	3	14	67
1	5	20	30	1.3	2	44	48
1	5	20	35	1.0	2	33	79
1	5	20	40	1.3	2	102	80
1	5	20	45	1.2	5	108	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)
1	5	20	50	1.4	2	56	70
1	5	20	55	1.4	3	7	56
1	5	21	0	0.9	1	55	63
1	5	21	5	1.1	4	5	50
1	5	21	10	1.1	3	24	50
1	5	21	15	2.1	5	24	54
1	5	21	20	0.7	1	63	75
1	5	21	25	0.6	1	63	53
1	5	21	30	0.9	2	40	71
1	5	21	35	1.0	3	55	74
1	5	21	40	1.5	4	31	63
1	5	21	45	1.2	4	347	47
1	5	21	50	1.4	2	23	71
1	5	21	55	0.9	5	62	77
1	5	22	0	1.1	1	18	62
1	5	22	5	0.5	1	39	70
1	5	22	10	1.5	3	3	55
1	5	22	15	0.7	2	64	82
1	5	22	20	0.9	2	39	50
1	5	22	25	1.2	5	82	51
1	5	22	30	2.0	5	4	39
1	5	22	35	0.8	1	6	72
1	5	22	40	0.7	1	33	60
1	5	22	45	0.9	4	18	47
1	5	22	50	1.1	2	21	50
1	5	22	55	1.0	1	344	66
1	5	23	0	0.2	0	330	81
1	5	23	5	0.5	2	206	43
1	5	23	10	0.7	1	226	30
1	5	23	15	0.5	1	216	77
1	5	23	20	0.5	2	260	79
1	5	23	25	1.0	2	254	37
1	5	23	30	1.1	2	252	52
1	5	23	35	0.8	2	301	75
1	5	23	40	1.5	1	287	47
1	5	23	45	1.6	3	251	38
1	5	23	50	1.4	3	238	30
1	5	23	55	1.4	2	264	42
1	6	0	0	1.5	3	255	56
1	6	0	5	1.2	1	254	55
1	6	0	10	1.1	1	258	45
1	6	0	15	0.8	2	258	65
1	6	0	20	0.8	1	65	100
1	6	0	25	0.7	1	236	52
1	6	0	30	1.2	3	251	44
1	6	0	35	1.3	3	267	42
1	6	0	40	1.4	3	274	50
1	6	0	45	0.8	1	299	68
1	6	0	50	0.8	2	261	51
1	6	0	55	0.9	1	235	36
1	6	1	0	1.3	4	249	34
1	6	1	5	1.2	1	252	40
1	6	1	10	1.1	2	239	40
1	6	1	15	1.3	3	222	45
1	6	1	20	1.6	3	236	19
1	6	1	25	1.4	3	241	29
1	6	1	30	1.3	2	228	27
1	6	1	35	1.3	2	236	39
1	6	1	40	1.5	2	238	35
1	6	1	45	1.3	2	232	34
1	6	1	50	1.3	2	250	39
1	6	1	55	1.3	3	232	23
1	6	2	0	1.5	3	235	31
1	6	2	5	1.0	1	253	36
1	6	2	10	1.6	3	236	48
1	6	2	15	1.1	3	262	59
1	6	2	20	1.7	3	259	35
1	6	2	25	1.5	3	242	28
1	6	2	30	1.4	4	234	27
1	6	2	35	1.6	3	232	28
1	6	2	40	1.3	3	257	42
1	6	2	45	1.5	3	238	28
1	6	2	50	1.3	3	218	29
1	6	2	55	1.1	2	238	37
1	6	3	0	1.1	3	229	24
1	6	3	5	1.2	2	252	37
1	6	3	10	1.4	2	257	41
1	6	3	15	1.1	2	268	64
1	6	3	20	1.4	3	232	40
1	6	3	25	1.3	2	228	40
1	6	3	30	1.4	3	247	57
1	6	3	35	1.1	3	235	41
1	6	3	40	1.6	1	247	44
1	6	3	45	1.5	3	247	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)
1	6	3	50	1.9	4	253	26
1	6	3	55	2.1	3	230	38
1	6	4	0	1.8	2	239	36
1	6	4	5	1.3	3	237	37
1	6	4	10	1.2	2	235	41
1	6	4	15	1.5	4	215	29
1	6	4	20	1.3	3	216	35
1	6	4	25	1.4	2	238	39
1	6	4	30	1.5	3	226	24
1	6	4	35	1.5	3	234	28
1	6	4	40	1.4	4	242	33
1	6	4	45	1.3	1	245	37
1	6	4	50	1.5	3	243	35
1	6	4	55	1.5	2	268	43
1	6	5	0	1.4	3	247	34
1	6	5	5	1.5	3	232	27
1	6	5	10	1.4	4	237	34
1	6	5	15	1.4	2	240	40
1	6	5	20	1.6	3	248	38
1	6	5	25	1.7	2	263	36
1	6	5	30	1.2	2	266	34
1	6	5	35	1.2	2	249	39
1	6	5	40	1.3	2	258	38
1	6	5	45	1.7	3	249	28
1	6	5	50	1.6	3	256	54
1	6	5	55	0.8	2	212	52
1	6	6	0	1.1	3	263	50
1	6	6	5	1.1	3	246	54
1	6	6	10	1.2	1	263	42
1	6	6	15	0.8	3	269	56
1	6	6	20	1.5	4	255	34
1	6	6	25	1.2	2	241	39
1	6	6	30	1.4	2	262	37
1	6	6	35	0.8	2	233	55
1	6	6	40	0.7	1	266	32
1	6	6	45	1.3	2	247	32
1	6	6	50	0.9	2	234	42
1	6	6	55	1.3	2	262	42
1	6	7	0	1.0	3	251	49
1	6	7	5	1.2	1	264	47
1	6	7	10	1.6	4	252	39
1	6	7	15	1.3	4	282	41
1	6	7	20	1.3	2	244	46
1	6	7	25	0.8	2	251	56
1	6	7	30	1.3	1	243	33
1	6	7	35	1.2	3	246	49
1	6	7	40	1.4	3	271	49
1	6	7	45	1.3	2	238	56
1	6	7	50	1.3	3	234	51
1	6	7	55	1.7	2	238	46
1	6	8	0	1.1	2	235	42
1	6	8	5	1.3	3	236	34
1	6	8	10	1.2	2	255	37
1	6	8	15	1.1	3	263	58
1	6	8	20	1.3	3	253	41
1	6	8	25	1.1	1	260	49
1	6	8	30	1.7	3	274	45
1	6	8	35	1.5	4	231	57
1	6	8	40	1.7	5	271	56
1	6	8	45	2.0	4	233	38
1	6	8	50	1.5	3	258	71
1	6	8	55	1.7	4	245	35
1	6	9	0	1.4	5	253	48
1	6	9	5	1.1	2	245	47
1	6	9	10	1.7	4	249	40
1	6	9	15	1.4	3	262	58
1	6	9	20	1.4	4	262	46
1	6	9	25	1.4	2	271	48
1	6	9	30	1.4	3	252	42
1	6	9	35	1.3	2	256	50
1	6	9	40	1.3	3	261	38
1	6	9	45	1.4	3	242	40
1	6	9	50	1.9	5	241	39
1	6	9	55	1.6	3	237	33
1	6	10	0	1.5	3	242	33
1	6	10	5	1.3	4	252	51
1	6	10	10	1.4	3	235	25
1	6	10	15	1.8	3	227	37
1	6	10	20	2.0	4	226	25
1	6	10	25	1.3	5	236	35
1	6	10	30	1.3	1	224	38
1	6	10	35	1.4	3	254	35
1	6	10	40	1.2	2	249	57
1	6	10	45	1.3	4	241	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)
1	6	10	50	0.9	3	230	55
1	6	10	55	1.1	2	213	32
1	6	11	0	1.5	2	267	53
1	6	11	5	0.7	1	239	64
1	6	11	10	1.2	2	257	30
1	6	11	15	1.4	2	256	45
1	6	11	20	0.8	1	282	54
1	6	11	25	0.9	2	270	45
1	6	11	30	0.9	3	240	52
1	6	11	35	1.1	1	309	46
1	6	11	40	0.9	1	326	27
1	6	11	45	1.1	2	299	39
1	6	11	50	0.8	1	258	63
1	6	11	55	1.1	2	259	30
1	6	12	0	1.0	1	257	48
1	6	12	5	1.2	3	238	21
1	6	12	10	1.2	2	238	34
1	6	12	15	1.5	2	256	31
1	6	12	20	1.2	2	266	41
1	6	12	25	1.4	3	225	28
1	6	12	30	1.9	4	212	21
1	6	12	35	1.5	3	227	27
1	6	12	40	2.1	3	216	21
1	6	12	45	1.8	2	216	24
1	6	12	50	1.5	1	213	20
1	6	12	55	0.7	1	228	48
1	6	13	0	0.6	1	291	50
1	6	13	5	0.1	1	219	51
1	6	13	10	0.6	2	188	39
1	6	13	15	1.4	2	211	24
1	6	13	20	2.4	4	218	26
1	6	13	25	2.0	3	227	32
1	6	13	30	1.4	4	238	44
1	6	13	35	1.8	3	239	32
1	6	13	40	1.4	2	231	42
1	6	13	45	2.0	4	230	29
1	6	13	50	1.4	1	256	64
1	6	13	55	1.2	3	212	37
1	6	14	0	2.1	6	217	28
1	6	14	5	3.2	4	216	38
1	6	14	10	2.4	5	241	37
1	6	14	15	2.1	4	227	34
1	6	14	20	2.9	6	238	34
1	6	14	25	2.3	5	239	39
1	6	14	30	2.8	5	234	32
1	6	14	35	2.2	7	253	55
1	6	14	40	2.9	5	236	31
1	6	14	45	2.8	5	238	28
1	6	14	50	2.0	3	240	46
1	6	14	55	1.7	4	242	57
1	6	15	0	2.5	5	248	48
1	6	15	5	2.6	5	254	64
1	6	15	10	1.2	2	332	59
1	6	15	15	1.9	6	248	70
1	6	15	20	2.8	2	241	54
1	6	15	25	1.4	6	234	61
1	6	15	30	1.9	5	244	50
1	6	15	35	2.1	3	239	49
1	6	15	40	1.2	4	308	80
1	6	15	45	2.0	3	331	31
1	6	15	50	1.6	4	234	64
1	6	15	55	2.1	4	265	61
1	6	16	0	1.2	2	305	75
1	6	16	5	1.3	3	298	64
1	6	16	10	2.7	9	257	51
1	6	16	15	1.6	3	315	86
1	6	16	20	2.1	6	329	50
1	6	16	25	3.1	3	336	25
1	6	16	30	2.2	5	333	56
1	6	16	35	2.5	3	328	44
1	6	16	40	1.8	4	297	55
1	6	16	45	2.2	4	320	49
1	6	16	50	2.0	5	334	46
1	6	16	55	2.2	4	334	39
1	6	17	0	1.8	3	292	44
1	6	17	5	2.0	3	283	58
1	6	17	10	1.5	5	255	54
1	6	17	15	1.8	3	308	49
1	6	17	20	2.1	4	322	45
1	6	17	25	2.3	3	335	42
1	6	17	30	2.5	7	336	30
1	6	17	35	2.4	5	315	45
1	6	17	40	2.5	7	320	40
1	6	17	45	2.0	4	326	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)
1	6	17	50	2.5	3	329	34
1	6	17	55	1.0	2	237	81
1	6	18	0	1.5	3	319	51
1	6	18	5	1.1	4	321	61
1	6	18	10	2.0	2	309	55
1	6	18	15	3.0	5	322	45
1	6	18	20	2.2	3	333	38
1	6	18	25	1.3	6	274	75
1	6	18	30	1.4	4	257	63
1	6	18	35	2.3	5	225	29
1	6	18	40	1.9	5	228	30
1	6	18	45	1.4	3	327	48
1	6	18	50	0.7	1	316	42
1	6	18	55	1.7	4	226	26
1	6	19	0	1.1	1	243	59
1	6	19	5	1.4	4	218	41
1	6	19	10	1.7	2	227	31
1	6	19	15	1.4	2	261	29
1	6	19	20	1.0	2	254	47
1	6	19	25	0.7	2	214	54
1	6	19	30	1.0	4	235	35
1	6	19	35	1.1	2	255	37
1	6	19	40	1.1	2	273	50
1	6	19	45	0.9	2	304	27
1	6	19	50	1.5	3	261	36
1	6	19	55	1.0	1	303	32
1	6	20	0	1.4	2	291	46
1	6	20	5	1.3	3	298	44
1	6	20	10	1.2	2	309	42
1	6	20	15	1.6	4	293	45
1	6	20	20	1.5	2	295	45
1	6	20	25	1.0	2	299	47
1	6	20	30	0.9	1	334	37
1	6	20	35	0.9	2	233	73
1	6	20	40	0.4	1	28	80
1	6	20	45	1.2	1	335	39
1	6	20	50	0.7	2	286	49
1	6	20	55	1.4	2	329	56
1	6	21	0	0.5	2	264	74
1	6	21	5	1.5	3	277	37
1	6	21	10	0.7	3	287	65
1	6	21	15	1.4	3	265	51
1	6	21	20	1.3	2	253	51
1	6	21	25	1.3	2	241	38
1	6	21	30	1.0	2	252	46
1	6	21	35	1.1	2	217	53
1	6	21	40	1.5	3	239	34
1	6	21	45	1.2	3	257	38
1	6	21	50	0.6	1	214	50
1	6	21	55	1.1	2	243	40
1	6	22	0	1.0	2	259	34
1	6	22	5	1.0	2	242	26
1	6	22	10	1.4	2	263	48
1	6	22	15	0.9	1	245	65
1	6	22	20	0.4	1	266	87
1	6	22	25	0.9	2	215	38
1	6	22	30	1.0	3	248	26
1	6	22	35	0.9	1	233	35
1	6	22	40	1.4	2	224	30
1	6	22	45	1.0	1	253	53
1	6	22	50	0.7	2	269	44
1	6	22	55	0.9	1	221	34
1	6	23	0	0.9	3	246	45
1	6	23	5	1.2	2	293	41
1	6	23	10	0.2	0	285	65
1	6	23	15	0.3	1	154	26
1	6	23	20	0.7	2	10	68
1	6	23	25	0.8	2	240	50
1	6	23	30	0.8	1	227	47
1	6	23	35	0.6	1	323	64
1	6	23	40	1.5	2	346	24
1	6	23	45	0.6	1	289	42
1	6	23	50	0.8	2	251	56
1	6	23	55	0.7	2	287	65
1	7	0	0	0.8	1	257	74
1	7	0	5	0.6	2	237	55
1	7	0	10	0.8	1	255	55
1	7	0	15	1.4	2	240	33
1	7	0	20	0.8	1	261	58
1	7	0	25	1.8	3	223	28
1	7	0	30	2.0	3	230	28
1	7	0	35	1.5	2	238	44
1	7	0	40	1.1	1	288	75
1	7	0	45	2.4	5	227	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)
1	7	0	50	2.3	5	234	28
1	7	0	55	1.4	1	239	54
1	7	1	0	1.1	4	216	66
1	7	1	5	1.5	1	238	53
1	7	1	10	1.3	3	247	50
1	7	1	15	2.3	3	227	32
1	7	1	20	1.7	5	241	53
1	7	1	25	1.1	2	253	51
1	7	1	30	1.5	2	353	71
1	7	1	35	2.3	4	224	35
1	7	1	40	3.0	8	222	26
1	7	1	45	2.1	3	234	46
1	7	1	50	1.6	3	234	37
1	7	1	55	2.1	4	230	30
1	7	2	0	1.7	5	240	32
1	7	2	5	1.5	2	267	61
1	7	2	10	1.7	4	317	60
1	7	2	15	2.2	4	337	22
1	7	2	20	1.4	4	323	62
1	7	2	25	0.8	2	317	81
1	7	2	30	0.9	3	238	75
1	7	2	35	1.9	3	230	41
1	7	2	40	2.9	4	232	27
1	7	2	45	2.6	3	232	30
1	7	2	50	2.5	4	226	30
1	7	2	55	2.5	4	223	28
1	7	3	0	2.0	6	237	46
1	7	3	5	1.5	3	239	47
1	7	3	10	1.5	2	234	38
1	7	3	15	1.0	2	252	52
1	7	3	20	1.2	2	238	54
1	7	3	25	1.7	5	228	35
1	7	3	30	1.6	2	239	37
1	7	3	35	0.9	1	227	68
1	7	3	40	1.3	4	242	58
1	7	3	45	1.5	3	237	38
1	7	3	50	2.4	3	218	25
1	7	3	55	2.5	5	225	28
1	7	4	0	2.6	6	227	29
1	7	4	5	2.7	6	225	27
1	7	4	10	2.0	3	240	26
1	7	4	15	1.7	2	243	25
1	7	4	20	1.1	2	238	41
1	7	4	25	1.4	2	239	44
1	7	4	30	1.4	3	262	46
1	7	4	35	2.0	3	244	40
1	7	4	40	2.2	4	232	27
1	7	4	45	1.9	5	230	28
1	7	4	50	1.4	2	245	32
1	7	4	55	1.1	2	272	41
1	7	5	0	1.5	5	257	55
1	7	5	5	1.7	4	263	43
1	7	5	10	1.5	3	240	49
1	7	5	15	1.5	4	244	41
1	7	5	20	1.5	4	253	47
1	7	5	25	2.0	4	240	33
1	7	5	30	2.1	4	236	32
1	7	5	35	2.3	3	226	35
1	7	5	40	1.6	3	244	44
1	7	5	45	1.9	4	232	28
1	7	5	50	2.1	3	224	31
1	7	5	55	2.4	5	225	27
1	7	6	0	2.2	4	224	27
1	7	6	5	2.0	4	225	30
1	7	6	10	2.3	5	219	29
1	7	6	15	1.9	6	226	31
1	7	6	20	2.3	5	225	27
1	7	6	25	2.3	4	221	28
1	7	6	30	2.7	5	217	24
1	7	6	35	2.6	4	218	22
1	7	6	40	2.3	4	216	23
1	7	6	45	2.0	4	217	30
1	7	6	50	1.6	4	237	39
1	7	6	55	2.0	3	221	23
1	7	7	0	2.1	3	220	30
1	7	7	5	2.2	3	227	28
1	7	7	10	2.6	5	220	24
1	7	7	15	2.0	4	228	27
1	7	7	20	2.9	5	216	24
1	7	7	25	2.6	6	221	32
1	7	7	30	2.9	6	222	26
1	7	7	35	2.8	6	220	27
1	7	7	40	2.8	4	223	30
1	7	7	45	2.7	4	224	26

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)
1	7	7	50	2.6	5	219	32
1	7	7	55	2.7	5	220	27
1	7	8	0	2.4	3	224	29
1	7	8	5	2.7	7	226	30
1	7	8	10	2.5	5	218	23
1	7	8	15	1.7	3	227	26
1	7	8	20	1.9	2	223	30
1	7	8	25	1.4	3	233	31
1	7	8	30	1.3	3	250	34
1	7	8	35	1.3	1	308	72
1	7	8	40	1.0	3	283	53
1	7	8	45	1.3	2	278	50
1	7	8	50	0.4	1	217	77
1	7	8	55	1.4	3	283	53
1	7	9	0	2.8	5	214	21
1	7	9	5	2.3	4	226	36
1	7	9	10	1.9	3	216	28
1	7	9	15	1.3	5	241	43
1	7	9	20	1.2	3	224	41
1	7	9	25	1.2	2	226	33
1	7	9	30	1.5	2	232	33
1	7	9	35	1.5	3	219	26
1	7	9	40	1.5	4	230	30
1	7	9	45	2.0	3	241	40
1	7	9	50	1.1	2	237	60
1	7	9	55	1.5	2	239	41
1	7	10	0	2.6	7	224	29
1	7	10	5	2.4	4	232	28
1	7	10	10	2.4	4	217	24
1	7	10	15	2.3	5	220	26
1	7	10	20	1.9	4	226	39
1	7	10	25	2.2	4	212	22
1	7	10	30	2.2	4	228	29
1	7	10	35	1.8	2	237	32
1	7	10	40	1.8	2	237	30
1	7	10	45	1.7	4	232	36
1	7	10	50	1.6	3	234	34
1	7	10	55	1.6	4	236	39
1	7	11	0	2.1	2	237	30
1	7	11	5	1.2	2	230	49
1	7	11	10	1.6	4	278	53
1	7	11	15	0.7	2	297	72
1	7	11	20	1.3	2	342	31
1	7	11	25	1.0	1	279	97
1	7	11	30	0.8	3	303	70
1	7	11	35	1.2	3	352	49
1	7	11	40	1.1	4	342	38
1	7	11	45	0.9	3	311	59
1	7	11	50	1.3	2	345	59
1	7	11	55	0.8	1	328	51
1	7	12	0	0.9	2	307	59
1	7	12	5	1.3	3	332	52
1	7	12	10	1.2	3	325	42
1	7	12	15	0.6	1	337	63
1	7	12	20	0.9	3	319	90
1	7	12	25	1.0	1	353	45
1	7	12	30	0.7	2	13	64
1	7	12	35	1.2	2	10	59
1	7	12	40	1.2	2	286	59
1	7	12	45	1.5	2	311	56
1	7	12	50	1.1	2	306	88
1	7	12	55	1.1	2	295	67
1	7	13	0	0.7	2	327	76
1	7	13	5	1.0	2	226	88
1	7	13	10	1.0	3	272	77
1	7	13	15	1.9	3	265	49
1	7	13	20	1.8	3	244	41
1	7	13	25	1.5	2	300	47
1	7	13	30	1.3	3	329	59
1	7	13	35	0.8	3	253	57
1	7	13	40	1.8	4	233	32
1	7	13	45	1.9	4	244	25
1	7	13	50	1.7	4	233	28
1	7	13	55	1.8	3	225	27
1	7	14	0	1.5	1	243	46
1	7	14	5	0.8	1	251	44
1	7	14	10	0.8	2	319	55
1	7	14	15	0.7	2	273	67
1	7	14	20	1.5	3	257	45
1	7	14	25	1.0	2	256	59
1	7	14	30	1.3	1	261	49
1	7	14	35	0.8	2	279	59
1	7	14	40	0.9	1	309	84
1	7	14	45	0.6	1	318	88

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)
1	7	14	50	1.3	3	286	60
1	7	14	55	1.2	3	267	51
1	7	15	0	1.1	3	218	53
1	7	15	5	0.6	1	217	67
1	7	15	10	1.3	2	256	37
1	7	15	15	1.4	3	258	53
1	7	15	20	1.6	2	257	46
1	7	15	25	1.5	4	245	37
1	7	15	30	1.1	2	242	49
1	7	15	35	0.6	2	342	74
1	7	15	40	0.9	2	269	47
1	7	15	45	1.5	3	266	54
1	7	15	50	1.3	1	264	57
1	7	15	55	1.7	2	254	48
1	7	16	0	1.6	3	220	24
1	7	16	5	2.1	5	232	31
1	7	16	10	1.8	2	243	28
1	7	16	15	1.5	2	223	49
1	7	16	20	1.2	1	229	37
1	7	16	25	1.9	3	228	33
1	7	16	30	1.8	3	224	36
1	7	16	35	1.2	3	235	45
1	7	16	40	1.7	3	218	27
1	7	16	45	2.2	3	217	23
1	7	16	50	1.1	2	226	36
1	7	16	55	1.1	1	246	54
1	7	17	0	1.8	4	230	31
1	7	17	5	1.6	3	218	32
1	7	17	10	1.5	2	236	33
1	7	17	15	1.4	3	216	28
1	7	17	20	1.3	3	234	35
1	7	17	25	1.3	1	245	37
1	7	17	30	1.4	3	241	40
1	7	17	35	1.4	3	229	51
1	7	17	40	1.6	3	234	35
1	7	17	45	1.5	2	229	34
1	7	17	50	1.6	3	276	42
1	7	17	55	1.3	3	264	48
1	7	18	0	1.4	2	283	52
1	7	18	5	1.8	2	264	39
1	7	18	10	1.0	3	264	54
1	7	18	15	1.5	3	259	49
1	7	18	20	1.5	3	248	43
1	7	18	25	1.9	3	233	28
1	7	18	30	1.9	3	236	34
1	7	18	35	1.4	3	230	37
1	7	18	40	1.6	2	239	29
1	7	18	45	2.2	4	224	27
1	7	18	50	1.5	2	227	29
1	7	18	55	1.3	3	233	32
1	7	19	0	1.6	4	236	31
1	7	19	5	1.5	2	234	49
1	7	19	10	2.2	4	223	24
1	7	19	15	2.5	5	223	23
1	7	19	20	2.4	5	218	27
1	7	19	25	2.5	4	224	26
1	7	19	30	2.3	4	221	28
1	7	19	35	1.9	3	224	30
1	7	19	40	1.3	3	228	32
1	7	19	45	1.7	3	221	25
1	7	19	50	1.4	3	227	29
1	7	19	55	1.5	2	233	27
1	7	20	0	1.2	2	238	29
1	7	20	5	1.7	3	231	29
1	7	20	10	0.6	2	256	63
1	7	20	15	1.1	2	250	35
1	7	20	20	1.5	2	243	24
1	7	20	25	1.2	2	238	30
1	7	20	30	1.2	2	206	29
1	7	20	35	1.2	3	216	23
1	7	20	40	1.1	1	234	49
1	7	20	45	1.1	1	222	36
1	7	20	50	1.4	4	240	39
1	7	20	55	1.6	1	220	55
1	7	21	0	1.3	2	246	63
1	7	21	5	1.1	2	230	56
1	7	21	10	1.1	2	218	35
1	7	21	15	1.0	1	261	52
1	7	21	20	1.0	2	209	55
1	7	21	25	1.1	1	239	40
1	7	21	30	0.6	2	233	51
1	7	21	35	0.8	1	232	30
1	7	21	40	1.1	1	217	38
1	7	21	45	0.9	2	231	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)
1	7	21	50	1.1	1	218	34
1	7	21	55	1.4	3	228	51
1	7	22	0	1.4	4	248	53
1	7	22	5	1.2	2	230	39
1	7	22	10	1.3	1	272	78
1	7	22	15	1.0	2	246	70
1	7	22	20	0.8	1	221	61
1	7	22	25	0.9	2	211	36
1	7	22	30	1.1	2	226	34
1	7	22	35	1.1	2	232	49
1	7	22	40	0.5	1	230	43
1	7	22	45	1.2	1	211	32
1	7	22	50	1.0	2	224	45
1	7	22	55	0.6	1	238	70
1	7	23	0	1.0	1	245	30
1	7	23	5	0.8	2	223	42
1	7	23	10	1.2	4	242	40
1	7	23	15	1.5	3	283	51
1	7	23	20	1.2	2	241	39
1	7	23	25	1.2	1	244	27
1	7	23	30	1.0	2	251	32
1	7	23	35	0.5	1	233	59
1	7	23	40	0.9	1	238	26
1	7	23	45	1.1	2	235	41
1	7	23	50	1.4	2	240	30
1	7	23	55	1.2	3	281	37
1	8	0	0	1.1	2	251	38
1	8	0	5	1.6	2	274	26
1	8	0	10	1.3	2	259	29
1	8	0	15	1.2	2	260	36
1	8	0	20	1.0	2	241	33
1	8	0	25	1.1	2	219	39
1	8	0	30	1.4	1	280	58
1	8	0	35	0.9	1	219	34
1	8	0	40	0.7	1	213	41
1	8	0	45	0.7	2	234	40
1	8	0	50	0.9	1	221	26
1	8	0	55	1.3	2	230	29
1	8	1	0	1.0	1	220	25
1	8	1	5	0.9	2	224	26
1	8	1	10	0.9	2	225	22
1	8	1	15	0.8	1	228	22
1	8	1	20	0.6	1	236	28
1	8	1	25	0.6	2	235	21
1	8	1	30	0.7	2	226	25
1	8	1	35	0.4	1	244	30
1	8	1	40	0.6	1	259	51
1	8	1	45	0.7	1	304	34
1	8	1	50	0.5	2	255	55
1	8	1	55	0.6	1	248	27
1	8	2	0	1.3	2	226	29
1	8	2	5	0.9	1	246	41
1	8	2	10	1.3	2	260	31
1	8	2	15	0.9	1	244	51
1	8	2	20	1.2	1	259	31
1	8	2	25	0.4	1	295	46
1	8	2	30	0.5	0	278	50
1	8	2	35	0.5	2	260	37
1	8	2	40	0.8	1	242	34
1	8	2	45	1.1	2	276	36
1	8	2	50	1.1	1	242	30
1	8	2	55	1.1	2	249	44
1	8	3	0	1.2	2	237	31
1	8	3	5	1.3	2	240	36
1	8	3	10	0.9	1	232	49
1	8	3	15	0.9	2	248	35
1	8	3	20	1.1	2	236	31
1	8	3	25	1.3	2	254	31
1	8	3	30	1.1	3	249	38
1	8	3	35	1.3	3	258	26
1	8	3	40	0.8	2	263	40
1	8	3	45	1.0	3	262	28
1	8	3	50	1.2	2	263	32
1	8	3	55	1.2	1	267	24
1	8	4	0	0.8	1	259	27
1	8	4	5	0.9	1	258	28
1	8	4	10	1.2	3	258	28
1	8	4	15	1.2	1	252	30
1	8	4	20	1.4	3	274	27
1	8	4	25	0.8	1	280	36
1	8	4	30	1.1	1	274	25
1	8	4	35	0.5	2	337	23
1	8	4	40	0.9	2	345	19
1	8	4	45	1.0	2	348	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)
1	8	4	50	0.7	1	348	22
1	8	4	55	0.7	1	350	25
1	8	5	0	1.0	2	352	21
1	8	5	5	0.9	1	356	20
1	8	5	10	0.7	2	348	31
1	8	5	15	0.8	1	356	24
1	8	5	20	0.5	1	19	32
1	8	5	25	1.0	2	32	27
1	8	5	30	1.1	2	32	26
1	8	5	35	0.8	2	36	31
1	8	5	40	0.9	1	16	29
1	8	5	45	1.0	2	11	30
1	8	5	50	1.1	1	35	42
1	8	5	55	1.0	2	25	44
1	8	6	0	1.3	2	14	31
1	8	6	5	1.5	2	35	30
1	8	6	10	0.8	1	75	46
1	8	6	15	0.7	2	85	43
1	8	6	20	0.6	2	26	33
1	8	6	25	0.6	2	42	40
1	8	6	30	0.6	1	10	40
1	8	6	35	0.5	1	81	39
1	8	6	40	0.2	0	134	69
1	8	6	45	0.4	1	40	47
1	8	6	50	0.6	2	357	38
1	8	6	55	0.9	1	346	32
1	8	7	0	1.3	3	357	29
1	8	7	5	0.7	1	355	46
1	8	7	10	0.8	3	359	34
1	8	7	15	0.5	1	4	50
1	8	7	20	0.6	2	348	46
1	8	7	25	0.7	2	355	31
1	8	7	30	0.8	1	357	25
1	8	7	35	0.7	1	358	31
1	8	7	40	0.8	2	9	32
1	8	7	45	0.7	1	358	29
1	8	7	50	0.7	1	357	43
1	8	7	55	1.2	3	1	31
1	8	8	0	0.9	2	357	27
1	8	8	5	1.3	1	38	38
1	8	8	10	0.5	2	19	60
1	8	8	15	0.8	1	11	44
1	8	8	20	1.0	2	1	32
1	8	8	25	1.1	3	1	36
1	8	8	30	0.9	2	348	44
1	8	8	35	1.2	3	1	25
1	8	8	40	1.1	2	351	66
1	8	8	45	0.9	1	330	44
1	8	8	50	0.6	2	330	33
1	8	8	55	0.7	1	28	71
1	8	9	0	0.7	2	357	33
1	8	9	5	0.8	1	343	25
1	8	9	10	0.8	2	353	24
1	8	9	15	1.2	1	4	41
1	8	9	20	0.4	2	42	71
1	8	9	25	1.3	2	359	29
1	8	9	30	1.3	1	7	22
1	8	9	35	0.7	2	338	30
1	8	9	40	0.9	2	18	31
1	8	9	45	1.3	2	359	25
1	8	9	50	1.3	3	359	28
1	8	9	55	1.1	2	343	38
1	8	10	0	1.0	2	11	47
1	8	10	5	1.3	2	14	34
1	8	10	10	1.2	2	6	34
1	8	10	15	1.4	2	358	28
1	8	10	20	1.1	1	8	28
1	8	10	25	0.8	2	13	41
1	8	10	30	0.5	1	30	82
1	8	10	35	1.2	2	352	31
1	8	10	40	0.9	1	15	38
1	8	10	45	0.9	2	358	47
1	8	10	50	1.1	2	1	43
1	8	10	55	1.4	3	1	26
1	8	11	0	1.1	1	20	49
1	8	11	5	1.2	1	3	40
1	8	11	10	1.1	2	335	58
1	8	11	15	0.9	2	16	54
1	8	11	20	0.9	2	357	50
1	8	11	25	1.1	1	338	48
1	8	11	30	0.6	2	236	96
1	8	11	35	1.6	4	264	45
1	8	11	40	1.5	2	236	60
1	8	11	45	0.9	3	310	59



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)
1	8	11	50	0.8	2	331	42
1	8	11	55	0.8	1	325	39
1	8	12	0	0.6	3	319	53
1	8	12	5	1.3	3	270	48
1	8	12	10	1.0	2	331	62
1	8	12	15	0.6	1	316	51
1	8	12	20	0.6	3	324	56
1	8	12	25	1.2	2	337	35
1	8	12	30	0.4	1	306	74
1	8	12	35	0.9	3	326	63
1	8	12	40	1.0	1	288	70
1	8	12	45	1.1	2	280	74
1	8	12	50	1.6	3	266	53
1	8	12	55	1.4	1	252	70
1	8	13	0	1.4	3	257	55
1	8	13	5	1.6	2	248	51
1	8	13	10	0.8	1	327	76
1	8	13	15	1.5	3	238	48
1	8	13	20	1.5	4	231	47
1	8	13	25	1.3	3	235	54
1	8	13	30	2.0	3	249	35
1	8	13	35	1.7	2	268	48
1	8	13	40	1.2	1	264	54
1	8	13	45	1.1	3	319	52
1	8	13	50	1.2	1	314	50
1	8	13	55	1.0	3	276	94
1	8	14	0	1.9	5	241	35
1	8	14	5	2.1	3	270	38
1	8	14	10	2.1	3	233	45
1	8	14	15	1.4	1	221	37
1	8	14	20	1.0	1	225	66
1	8	14	25	1.3	2	242	57
1	8	14	30	0.8	4	231	45
1	8	14	35	1.6	1	254	40
1	8	14	40	1.5	4	259	48
1	8	14	45	1.1	4	243	34
1	8	14	50	1.2	2	221	39
1	8	14	55	1.0	1	256	54
1	8	15	0	1.5	3	254	57
1	8	15	5	2.2	2	256	40
1	8	15	10	1.6	4	244	40
1	8	15	15	1.2	2	255	68
1	8	15	20	1.1	1	247	44
1	8	15	25	1.3	1	226	57
1	8	15	30	0.8	1	213	59
1	8	15	35	1.3	3	221	70
1	8	15	40	0.8	2	257	92
1	8	15	45	1.1	4	200	69
1	8	15	50	1.3	2	292	60
1	8	15	55	0.9	1	242	73
1	8	16	0	0.8	3	223	84
1	8	16	5	1.0	4	217	46
1	8	16	10	1.0	3	214	47
1	8	16	15	1.1	2	224	63
1	8	16	20	0.6	1	238	88
1	8	16	25	0.8	2	229	49
1	8	16	30	1.4	3	239	30
1	8	16	35	1.3	4	246	59
1	8	16	40	0.5	2	236	61
1	8	16	45	0.8	3	245	47
1	8	16	50	0.5	2	221	66
1	8	16	55	1.1	3	215	50
1	8	17	0	1.3	2	222	32
1	8	17	5	0.5	1	235	58
1	8	17	10	0.5	0	207	63
1	8	17	15	0.9	3	260	32
1	8	17	20	0.8	1	244	47
1	8	17	25	0.5	1	260	51
1	8	17	30	0.9	2	267	50
1	8	17	35	0.6	1	237	49
1	8	17	40	0.6	0	235	34
1	8	17	45	1.2	5	256	28
1	8	17	50	1.0	2	235	54
1	8	17	55	1.2	2	228	31
1	8	18	0	1.0	2	227	30
1	8	18	5	0.8	1	228	45
1	8	18	10	0.7	1	227	22
1	8	18	15	0.5	1	227	22
1	8	18	20	1.0	2	228	24
1	8	18	25	1.0	2	229	24
1	8	18	30	0.9	1	219	28
1	8	18	35	0.5	1	245	50
1	8	18	40	0.9	2	224	33
1	8	18	45	0.8	1	213	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)
1	8	18	50	1.1	2	228	22
1	8	18	55	0.9	1	233	35
1	8	19	0	0.5	1	233	42
1	8	19	5	0.7	2	244	20
1	8	19	10	0.9	1	246	18
1	8	19	15	0.5	1	229	42
1	8	19	20	0.4	1	249	45
1	8	19	25	0.8	1	224	29
1	8	19	30	0.4	1	221	33
1	8	19	35	0.6	2	234	34
1	8	19	40	0.5	2	241	49
1	8	19	45	0.7	2	257	41
1	8	19	50	0.6	1	218	47
1	8	19	55	0.3	1	230	23
1	8	20	0	0.6	1	219	16
1	8	20	5	0.5	1	238	33
1	8	20	10	1.0	2	222	25
1	8	20	15	0.7	1	222	26
1	8	20	20	0.7	1	236	26
1	8	20	25	0.7	1	218	17
1	8	20	30	0.6	1	224	28
1	8	20	35	0.5	1	213	26
1	8	20	40	0.5	1	214	24
1	8	20	45	0.4	0	224	25
1	8	20	50	0.5	1	218	12
1	8	20	55	0.9	1	220	17
1	8	21	0	0.2	1	225	45
1	8	21	5	0.3	0	221	13
1	8	21	10	0.0	0	234	65
1	8	21	15	0.3	0	207	26
1	8	21	20	0.1	0	210	16
1	8	21	25	0.6	1	239	37
1	8	21	30	0.9	2	214	28
1	8	21	35	0.6	1	210	24
1	8	21	40	0.0	0	86	28
1	8	21	45	0.1	1	154	33
1	8	21	50	0.4	1	83	38
1	8	21	55	0.6	1	212	14
1	8	22	0	0.6	1	213	16
1	8	22	5	0.3	0	231	20
1	8	22	10	0.3	1	213	27
1	8	22	15	0.5	1	206	10
1	8	22	20	0.5	1	201	7
1	8	22	25	0.2	0	224	19
1	8	22	30	0.4	1	219	13
1	8	22	35	0.3	0	204	9
1	8	22	40	0.0	0	204	42
1	8	22	45	0.1	0	191	47
1	8	22	50	0.1	0	188	12
1	8	22	55	0.1	0	151	33
1	8	23	0	0.3	0	219	15
1	8	23	5	0.1	0	217	29
1	8	23	10	0.1	0	294	83
1	8	23	15	0.0	0	129	56
1	8	23	20	0.1	0	108	40
1	8	23	25	0.3	0	162	33
1	8	23	30	0.0	0	158	57
1	8	23	35	0.1	0	138	31
1	8	23	40	0.0	0	154	15
1	8	23	45	0.0	0	131	41
1	8	23	50	0.0	0	144	32
1	8	23	55	0.1	0	133	19
1	9	0	0	0.1	0	168	13
1	9	0	5	0.0	0	172	24
1	9	0	10	0.0	0	146	1
1	9	0	15	0.0	0	190	17
1	9	0	20	0.0	0	151	4
1	9	0	25	0.5	1	110	27
1	9	0	30	0.3	1	73	35
1	9	0	35	0.1	0	112	3
1	9	0	40	0.1	1	87	26
1	9	0	45	0.5	0	104	24
1	9	0	50	0.2	0	202	43
1	9	0	55	0.1	0	188	15
1	9	1	0	0.2	1	58	35
1	9	1	5	0.4	1	71	31
1	9	1	10	0.8	1	43	26
1	9	1	15	0.1	1	94	59
1	9	1	20	0.0	0	196	3
1	9	1	25	0.3	0	197	9
1	9	1	30	0.1	1	203	11
1	9	1	35	0.0	0	232	29
1	9	1	40	0.1	0	197	29
1	9	1	45	0.0	0	165	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)
1	9	1	50	0.2	1	198	60
1	9	1	55	0.1	0	211	14
1	9	2	0	0.2	0	119	34
1	9	2	5	0.3	0	102	18
1	9	2	10	0.1	1	114	17
1	9	2	15	0.2	0	199	25
1	9	2	20	0.3	0	200	11
1	9	2	25	0.4	1	224	15
1	9	2	30	0.6	1	230	17
1	9	2	35	0.4	1	242	23
1	9	2	40	0.1	1	41	67
1	9	2	45	0.0	0	32	33
1	9	2	50	0.3	0	356	42
1	9	2	55	0.2	0	334	38
1	9	3	0	0.6	1	342	43
1	9	3	5	0.9	2	3	28
1	9	3	10	0.9	1	29	29
1	9	3	15	0.8	1	4	36
1	9	3	20	0.7	1	34	47
1	9	3	25	0.4	2	30	29
1	9	3	30	0.6	1	32	51
1	9	3	35	1.0	1	20	30
1	9	3	40	0.8	1	21	26
1	9	3	45	0.7	1	2	22
1	9	3	50	0.6	1	36	42
1	9	3	55	0.9	2	51	39
1	9	4	0	1.1	2	34	31
1	9	4	5	0.9	1	46	48
1	9	4	10	0.5	1	28	37
1	9	4	15	0.4	1	36	39
1	9	4	20	1.0	2	15	25
1	9	4	25	0.9	1	52	48
1	9	4	30	0.4	1	63	35
1	9	4	35	0.7	1	100	28
1	9	4	40	0.4	0	97	44
1	9	4	45	0.3	1	126	47
1	9	4	50	0.1	0	62	26
1	9	4	55	0.0	0	54	20
1	9	5	0	0.1	0	64	92
1	9	5	5	0.1	0	210	10
1	9	5	10	0.3	1	287	35
1	9	5	15	0.5	1	282	28
1	9	5	20	0.5	1	293	45
1	9	5	25	0.4	0	95	34
1	9	5	30	0.7	1	79	70
1	9	5	35	0.3	1	91	71
1	9	5	40	0.6	1	359	19
1	9	5	45	0.2	1	229	27
1	9	5	50	0.2	1	224	15
1	9	5	55	0.4	1	232	11
1	9	6	0	0.1	0	195	20
1	9	6	5	0.1	0	186	16
1	9	6	10	0.3	0	192	15
1	9	6	15	0.4	1	206	11
1	9	6	20	0.0	0	134	40
1	9	6	25	0.2	0	114	17
1	9	6	30	0.1	0	203	29
1	9	6	35	0.5	0	190	3
1	9	6	40	0.5	1	210	10
1	9	6	45	0.3	1	208	17
1	9	6	50	0.1	0	184	22
1	9	6	55	0.1	0	209	14
1	9	7	0	0.0	0	176	12
1	9	7	5	0.2	0	185	7
1	9	7	10	0.2	0	201	7
1	9	7	15	0.2	0	191	5
1	9	7	20	0.1	0	210	10
1	9	7	25	0.0	0	173	24
1	9	7	30	0.0	0	139	7
1	9	7	35	0.3	0	189	4
1	9	7	40	0.3	1	198	7
1	9	7	45	0.2	0	197	4
1	9	7	50	0.0	0	129	9
1	9	7	55	0.0	0	127	2
1	9	8	0	0.1	1	105	67
1	9	8	5	0.4	1	339	30
1	9	8	10	0.3	1	95	60
1	9	8	15	0.5	1	62	46
1	9	8	20	0.2	0	56	21
1	9	8	25	0.3	1	16	48
1	9	8	30	0.7	1	338	17
1	9	8	35	0.2	1	9	31
1	9	8	40	0.3	1	38	39
1	9	8	45	0.2	1	265	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)
1	9	8	50	0.7	1	249	30
1	9	8	55	0.1	0	173	45
1	9	9	0	0.4	1	338	28
1	9	9	5	0.5	1	265	42
1	9	9	10	0.3	0	144	54
1	9	9	15	0.2	1	12	59
1	9	9	20	0.5	1	2	40
1	9	9	25	0.5	1	348	28
1	9	9	30	0.9	2	352	26
1	9	9	35	0.9	1	2	33
1	9	9	40	0.4	2	334	41
1	9	9	45	0.9	2	12	36
1	9	9	50	0.8	1	353	79
1	9	9	55	0.8	2	26	72
1	9	10	0	1.3	3	63	48
1	9	10	5	1.4	2	32	35
1	9	10	10	1.3	3	34	45
1	9	10	15	1.2	3	29	37
1	9	10	20	1.4	2	26	44
1	9	10	25	0.8	1	48	51
1	9	10	30	1.1	2	38	34
1	9	10	35	0.7	1	49	64
1	9	10	40	1.0	2	34	44
1	9	10	45	1.4	2	357	25
1	9	10	50	1.1	2	45	50
1	9	10	55	0.9	2	57	51
1	9	11	0	0.9	2	66	53
1	9	11	5	1.0	2	34	39
1	9	11	10	0.9	2	61	50
1	9	11	15	0.6	1	118	96
1	9	11	20	1.0	3	49	68
1	9	11	25	1.3	3	48	44
1	9	11	30	1.3	2	43	57
1	9	11	35	0.6	1	330	61
1	9	11	40	0.9	3	355	42
1	9	11	45	0.5	1	4	56
1	9	11	50	1.1	2	9	44
1	9	11	55	0.6	2	63	88
1	9	12	0	1.1	4	88	58
1	9	12	5	1.2	2	89	44
1	9	12	10	0.8	1	104	65
1	9	12	15	1.4	3	81	42
1	9	12	20	1.4	3	18	44
1	9	12	25	0.8	1	13	63
1	9	12	30	1.1	2	359	44
1	9	12	35	1.3	2	10	47
1	9	12	40	0.9	2	347	42
1	9	12	45	1.3	4	59	65
1	9	12	50	1.4	2	84	59
1	9	12	55	1.2	3	19	46
1	9	13	0	1.3	1	65	47
1	9	13	5	0.6	1	271	77
1	9	13	10	0.9	1	247	46
1	9	13	15	0.9	1	12	45
1	9	13	20	1.1	2	47	39
1	9	13	25	0.7	1	136	96
1	9	13	30	0.7	2	148	71
1	9	13	35	1.1	2	240	32
1	9	13	40	1.0	3	205	43
1	9	13	45	1.2	2	342	42
1	9	13	50	0.9	2	255	49
1	9	13	55	0.6	1	319	45
1	9	14	0	1.1	1	208	61
1	9	14	5	1.1	3	343	56
1	9	14	10	0.9	2	354	38
1	9	14	15	1.7	4	5	30
1	9	14	20	1.6	2	358	32
1	9	14	25	0.8	1	243	52
1	9	14	30	0.8	2	252	57
1	9	14	35	1.2	1	264	77
1	9	14	40	0.7	3	226	46
1	9	14	45	0.7	2	170	79
1	9	14	50	1.0	1	159	42
1	9	14	55	0.8	3	201	75
1	9	15	0	1.0	3	228	65
1	9	15	5	1.5	4	236	34
1	9	15	10	0.9	2	239	73
1	9	15	15	1.7	3	222	31
1	9	15	20	1.6	4	221	29
1	9	15	25	1.8	4	231	32
1	9	15	30	2.2	3	232	27
1	9	15	35	2.1	5	230	28
1	9	15	40	1.8	3	226	28
1	9	15	45	1.7	3	228	26

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)
1	9	15	50	1.8	2	244	36
1	9	15	55	0.9	2	228	34
1	9	16	0	1.0	2	218	44
1	9	16	5	0.6	1	209	55
1	9	16	10	0.8	1	227	48
1	9	16	15	1.3	1	216	27
1	9	16	20	1.6	1	237	26
1	9	16	25	1.6	2	235	27
1	9	16	30	0.8	2	248	39
1	9	16	35	0.4	1	246	41
1	9	16	40	0.7	1	206	20
1	9	16	45	0.8	1	228	31
1	9	16	50	0.9	1	234	27
1	9	16	55	0.4	0	216	20
1	9	17	0	0.8	1	208	20
1	9	17	5	0.3	1	253	74
1	9	17	10	0.1	1	206	63
1	9	17	15	0.3	1	156	57
1	9	17	20	0.1	0	157	87
1	9	17	25	0.2	0	190	16
1	9	17	30	0.4	0	188	9
1	9	17	35	0.4	1	241	56
1	9	17	40	0.2	0	194	22
1	9	17	45	0.3	0	188	10
1	9	17	50	0.2	0	146	55
1	9	17	55	0.4	1	167	42
1	9	18	0	0.6	1	212	13
1	9	18	5	0.4	0	193	19
1	9	18	10	0.3	1	215	22
1	9	18	15	0.6	1	238	31
1	9	18	20	0.4	1	249	38
1	9	18	25	0.7	1	233	31
1	9	18	30	0.2	1	246	25
1	9	18	35	0.3	1	231	30
1	9	18	40	0.5	0	212	13
1	9	18	45	0.2	1	284	49
1	9	18	50	0.1	0	294	53
1	9	18	55	0.3	1	247	79
1	9	19	0	1.3	3	353	24
1	9	19	5	1.0	2	3	27
1	9	19	10	1.0	1	341	24
1	9	19	15	0.9	2	352	31
1	9	19	20	1.2	2	350	24
1	9	19	25	1.0	2	342	26
1	9	19	30	1.5	2	349	24
1	9	19	35	1.4	2	340	23
1	9	19	40	1.0	2	344	23
1	9	19	45	1.3	3	343	27
1	9	19	50	1.1	1	359	27
1	9	19	55	0.7	2	22	52
1	9	20	0	0.9	1	4	30
1	9	20	5	1.1	2	357	30
1	9	20	10	1.1	2	342	24
1	9	20	15	0.7	1	328	47
1	9	20	20	0.6	1	262	18
1	9	20	25	0.3	1	310	79
1	9	20	30	0.7	1	340	33
1	9	20	35	0.9	2	324	42
1	9	20	40	0.2	0	344	49
1	9	20	45	0.4	3	340	74
1	9	20	50	0.9	2	349	31
1	9	20	55	0.9	2	333	31
1	9	21	0	0.8	2	354	31
1	9	21	5	0.7	2	353	26
1	9	21	10	1.0	1	332	25
1	9	21	15	1.0	3	308	46
1	9	21	20	0.5	1	287	63
1	9	21	25	0.4	1	239	32
1	9	21	30	0.3	1	185	87
1	9	21	35	0.4	1	171	72
1	9	21	40	0.1	0	200	30
1	9	21	45	0.2	0	217	67
1	9	21	50	0.2	1	197	37
1	9	21	55	0.2	1	191	70
1	9	22	0	0.1	0	184	43
1	9	22	5	0.3	0	159	33
1	9	22	10	0.4	1	244	91
1	9	22	15	0.3	0	115	98
1	9	22	20	0.5	1	159	47
1	9	22	25	0.4	1	128	67
1	9	22	30	0.6	4	61	74
1	9	22	35	0.4	1	152	60
1	9	22	40	1.3	2	90	45
1	9	22	45	0.9	1	112	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)
1	9	22	50	0.4	0	108	39
1	9	22	55	0.1	0	140	79
1	9	23	0	0.2	0	192	53
1	9	23	5	0.3	1	168	35
1	9	23	10	0.1	0	114	63
1	9	23	15	0.3	0	159	46
1	9	23	20	0.3	1	134	68
1	9	23	25	0.5	1	321	68
1	9	23	30	0.6	1	353	59
1	9	23	35	0.6	2	41	67
1	9	23	40	0.6	1	87	28
1	9	23	45	0.5	1	94	45
1	9	23	50	0.1	0	20	56
1	9	23	55	0.5	1	320	36
1	10	0	0	0.2	1	186	91
1	10	0	5	0.2	0	198	42
1	10	0	10	0.2	1	264	49
1	10	0	15	0.1	1	193	59
1	10	0	20	0.2	0	138	34
1	10	0	25	0.1	0	167	66
1	10	0	30	0.2	1	144	77
1	10	0	35	0.2	0	227	24
1	10	0	40	0.2	1	124	85
1	10	0	45	0.1	1	116	60
1	10	0	50	0.1	0	244	33
1	10	0	55	0.2	0	221	21
1	10	1	0	0.1	1	124	92
1	10	1	5	0.3	0	236	34
1	10	1	10	0.5	1	304	65
1	10	1	15	0.3	0	207	64
1	10	1	20	0.2	1	181	38
1	10	1	25	0.1	0	256	42
1	10	1	30	0.0	0	134	1
1	10	1	35	0.1	1	166	26
1	10	1	40	0.1	0	228	7
1	10	1	45	0.2	1	233	13
1	10	1	50	0.4	1	218	26
1	10	1	55	0.1	0	165	62
1	10	2	0	0.0	0	92	102
1	10	2	5	0.2	0	153	53
1	10	2	10	0.1	0	191	18
1	10	2	15	0.0	0	212	39
1	10	2	20	0.1	0	187	33
1	10	2	25	0.1	0	185	28
1	10	2	30	0.0	0	190	40
1	10	2	35	0.2	0	185	27
1	10	2	40	0.2	0	120	45
1	10	2	45	0.2	1	305	81
1	10	2	50	0.3	0	204	13
1	10	2	55	0.5	0	219	14
1	10	3	0	0.0	0	228	10
1	10	3	5	0.1	0	101	71
1	10	3	10	0.3	0	122	72
1	10	3	15	0.0	0	155	65
1	10	3	20	0.1	0	86	41
1	10	3	25	0.2	1	140	32
1	10	3	30	0.6	3	186	36
1	10	3	35	1.0	3	217	37
1	10	3	40	1.1	3	233	40
1	10	3	45	1.1	1	219	35
1	10	3	50	1.3	2	227	38
1	10	3	55	1.5	3	229	29
1	10	4	0	1.6	2	217	25
1	10	4	5	1.4	3	218	35
1	10	4	10	1.7	3	220	27
1	10	4	15	1.6	3	221	30
1	10	4	20	1.0	1	223	38
1	10	4	25	0.7	2	240	49
1	10	4	30	0.7	2	226	52
1	10	4	35	0.7	1	234	42
1	10	4	40	0.9	2	237	37
1	10	4	45	0.6	1	252	52
1	10	4	50	1.0	2	236	36
1	10	4	55	0.9	3	213	23
1	10	5	0	0.9	1	237	36
1	10	5	5	0.4	1	240	46
1	10	5	10	0.1	1	153	72
1	10	5	15	0.3	1	126	49
1	10	5	20	0.6	1	103	12
1	10	5	25	0.6	1	121	18
1	10	5	30	0.4	1	180	73
1	10	5	35	0.1	0	180	40
1	10	5	40	0.3	1	146	32
1	10	5	45	0.1	0	63	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)
1	10	5	50	0.2	1	79	20
1	10	5	55	0.4	1	13	75
1	10	6	0	0.4	1	338	78
1	10	6	5	0.2	1	276	91
1	10	6	10	0.4	1	98	36
1	10	6	15	0.8	1	223	43
1	10	6	20	0.7	1	243	58
1	10	6	25	1.4	4	220	37
1	10	6	30	1.9	4	224	30
1	10	6	35	1.9	3	222	28
1	10	6	40	1.5	4	228	26
1	10	6	45	0.9	1	235	34
1	10	6	50	0.5	1	212	31
1	10	6	55	0.2	0	200	23
1	10	7	0	0.1	0	161	27
1	10	7	5	0.3	0	196	23
1	10	7	10	0.3	0	182	79
1	10	7	15	0.2	0	109	22
1	10	7	20	0.0	0	7	79
1	10	7	25	0.4	1	296	74
1	10	7	30	0.0	0	31	72
1	10	7	35	0.1	0	44	69
1	10	7	40	0.2	0	265	53
1	10	7	45	0.0	0	205	44
1	10	7	50	0.1	0	1	60
1	10	7	55	0.3	2	242	63
1	10	8	0	0.9	1	263	29
1	10	8	5	0.5	1	287	53
1	10	8	10	0.8	3	280	57
1	10	8	15	1.5	2	230	29
1	10	8	20	1.3	3	221	29
1	10	8	25	0.5	1	297	75
1	10	8	30	0.5	2	70	78
1	10	8	35	1.1	2	359	26
1	10	8	40	1.3	2	345	24
1	10	8	45	1.1	2	344	28
1	10	8	50	0.8	2	344	38
1	10	8	55	1.2	2	353	27
1	10	9	0	1.2	2	345	25
1	10	9	5	1.2	2	345	22
1	10	9	10	1.0	1	331	40
1	10	9	15	1.0	3	245	43
1	10	9	20	1.8	3	228	27
1	10	9	25	0.8	2	275	65
1	10	9	30	0.5	1	280	83
1	10	9	35	1.0	3	297	69
1	10	9	40	0.8	3	242	66
1	10	9	45	0.9	1	289	65
1	10	9	50	0.6	2	335	48
1	10	9	55	1.3	3	348	27
1	10	10	0	1.5	3	352	40
1	10	10	5	1.1	1	333	42
1	10	10	10	0.9	2	3	35
1	10	10	15	1.3	3	357	36
1	10	10	20	1.1	2	270	67
1	10	10	25	0.5	1	349	75
1	10	10	30	1.0	3	304	67
1	10	10	35	1.0	1	248	44
1	10	10	40	1.1	2	270	67
1	10	10	45	1.0	1	325	45
1	10	10	50	0.4	1	348	77
1	10	10	55	0.7	2	341	67
1	10	11	0	0.8	3	319	54
1	10	11	5	0.6	2	244	60
1	10	11	10	0.6	1	232	63
1	10	11	15	0.3	1	287	64
1	10	11	20	0.4	1	268	64
1	10	11	25	0.6	1	208	83
1	10	11	30	0.5	1	241	59
1	10	11	35	0.3	1	286	54
1	10	11	40	0.8	1	245	38
1	10	11	45	1.0	2	292	40
1	10	11	50	0.6	1	256	46
1	10	11	55	0.6	1	220	50
1	10	12	0	0.6	1	211	23
1	10	12	5	0.8	1	216	46
1	10	12	10	0.6	1	231	35
1	10	12	15	0.6	1	234	40
1	10	12	20	1.2	2	220	31
1	10	12	25	1.1	1	218	27
1	10	12	30	0.9	3	221	23
1	10	12	35	1.1	1	225	24
1	10	12	40	0.9	2	222	28
1	10	12	45	1.1	2	220	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)
1	10	12	50	1.2	2	221	28
1	10	12	55	1.6	3	223	31
1	10	13	0	1.5	2	215	25
1	10	13	5	1.5	3	228	32
1	10	13	10	1.2	2	228	31
1	10	13	15	1.3	2	221	19
1	10	13	20	0.8	1	231	32
1	10	13	25	1.2	2	247	32
1	10	13	30	1.5	2	251	16
1	10	13	35	1.7	3	241	20
1	10	13	40	1.3	2	234	28
1	10	13	45	1.3	2	238	19
1	10	13	50	1.0	2	228	21
1	10	13	55	1.3	2	245	20
1	10	14	0	0.9	1	232	18
1	10	14	5	0.7	1	244	21
1	10	14	10	1.1	2	246	18
1	10	14	15	1.5	2	244	13
1	10	14	20	1.1	1	249	15
1	10	14	25	1.3	3	248	15
1	10	14	30	1.1	2	236	17
1	10	14	35	1.2	2	214	22
1	10	14	40	1.6	3	231	22
1	10	14	45	1.5	3	231	30
1	10	14	50	1.6	3	243	23
1	10	14	55	2.0	2	249	33
1	10	15	0	1.8	3	237	28
1	10	15	5	0.6	2	347	68
1	10	15	10	0.9	1	336	41
1	10	15	15	1.2	2	311	61
1	10	15	20	0.5	2	166	70
1	10	15	25	0.8	2	255	54
1	10	15	30	0.8	2	242	46
1	10	15	35	0.7	0	260	55
1	10	15	40	0.3	1	213	89
1	10	15	45	1.2	2	281	63
1	10	15	50	0.2	0	338	63
1	10	15	55	0.4	2	19	80
1	10	16	0	1.1	1	290	77
1	10	16	5	0.6	2	244	60
1	10	16	10	0.6	1	232	63
1	10	16	15	0.3	1	287	64
1	10	16	20	0.4	1	268	64
1	10	16	25	0.6	1	208	83
1	10	16	30	0.5	1	241	59
1	10	16	35	0.3	1	286	54
1	10	16	40	0.8	1	245	38
1	10	16	45	1.0	2	292	40
1	10	16	50	0.6	1	256	46
1	10	16	55	0.6	1	220	50
1	10	17	0	0.6	1	211	23
1	10	17	5	0.8	1	216	46
1	10	17	10	0.6	1	231	35
1	10	17	15	0.6	1	234	40
1	10	17	20	1.2	2	220	31
1	10	17	25	1.1	1	218	27
1	10	17	30	0.9	3	221	23
1	10	17	35	1.1	1	225	24
1	10	17	40	0.9	2	222	28
1	10	17	45	1.1	2	220	22
1	10	17	50	1.2	2	221	28
1	10	17	55	1.6	3	223	31
1	10	18	0	1.5	2	215	25
1	10	18	5	1.5	3	228	32
1	10	18	10	1.2	2	228	31
1	10	18	15	1.3	2	221	19
1	10	18	20	0.8	1	231	32
1	10	18	25	1.2	2	247	32
1	10	18	30	1.5	2	251	16
1	10	18	35	1.7	3	241	20
1	10	18	40	1.3	2	234	28
1	10	18	45	1.3	2	238	19
1	10	18	50	1.0	2	228	21
1	10	18	55	1.3	2	245	20
1	10	19	0	0.9	1	232	18
1	10	19	5	0.7	1	244	21
1	10	19	10	1.1	2	246	18
1	10	19	15	1.5	2	244	13
1	10	19	20	1.1	1	249	15
1	10	19	25	1.3	3	248	15
1	10	19	30	1.1	2	236	17
1	10	19	35	1.2	2	219	22
1	10	19	40	1.6	3	231	22
1	10	19	45	1.5	3	231	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)
1	10	19	50	1.6	3	243	23
1	10	19	55	2.0	2	249	33
1	10	20	0	1.8	3	237	28
1	10	20	5	1.4	2	243	27
1	10	20	10	1.5	3	248	28
1	10	20	15	1.3	2	236	21
1	10	20	20	0.7	1	226	40
1	10	20	25	0.8	1	279	40
1	10	20	30	0.4	1	275	87
1	10	20	35	0.8	1	144	94
1	10	20	40	0.4	1	116	81
1	10	20	45	0.3	1	114	85
1	10	20	50	0.5	1	236	73
1	10	20	55	0.2	1	265	44
1	10	21	0	0.7	1	228	30
1	10	21	5	0.8	2	228	27
1	10	21	10	1.2	2	223	25
1	10	21	15	1.3	2	238	18
1	10	21	20	1.4	3	229	19
1	10	21	25	1.3	1	237	13
1	10	21	30	1.0	2	241	25
1	10	21	35	1.0	1	237	21
1	10	21	40	1.1	1	236	21
1	10	21	45	0.9	1	230	20
1	10	21	50	0.6	1	231	21
1	10	21	55	1.0	3	236	20
1	10	22	0	1.3	2	240	16
1	10	22	5	1.0	2	237	17
1	10	22	10	1.2	2	231	22
1	10	22	15	1.3	2	234	19
1	10	22	20	1.2	2	239	24
1	10	22	25	0.9	2	254	30
1	10	22	30	1.2	2	241	21
1	10	22	35	1.2	1	244	21
1	10	22	40	1.2	2	252	21
1	10	22	45	1.3	2	246	21
1	10	22	50	1.2	2	249	36
1	10	22	55	0.9	1	266	35
1	10	23	0	1.0	1	232	28
1	10	23	5	0.9	2	249	31
1	10	23	10	1.5	4	253	28
1	10	23	15	1.2	2	241	29
1	10	23	20	0.6	0	209	25
1	10	23	25	0.4	1	234	72
1	10	23	30	1.1	2	253	40
1	10	23	35	0.9	1	242	44
1	10	23	40	1.1	2	232	24
1	10	23	45	0.7	1	259	46
1	10	23	50	0.7	1	212	27
1	10	23	55	0.5	1	224	48
1	11	0	0	0.5	1	261	78
1	11	0	5	0.5	1	254	54
1	11	0	10	0.5	1	255	49
1	11	0	15	0.7	2	235	20
1	11	0	20	1.2	1	225	23
1	11	0	25	0.8	2	253	53
1	11	0	30	1.3	3	247	14
1	11	0	35	1.0	2	229	25
1	11	0	40	1.1	2	250	20
1	11	0	45	1.1	2	245	24
1	11	0	50	1.0	2	238	19
1	11	0	55	1.2	3	235	16
1	11	1	0	1.2	2	240	16
1	11	1	5	1.2	2	239	20
1	11	1	10	1.5	2	250	14
1	11	1	15	1.1	1	252	17
1	11	1	20	1.0	2	249	18
1	11	1	25	0.7	1	240	26
1	11	1	30	0.6	1	236	23
1	11	1	35	0.5	1	204	30
1	11	1	40	0.2	1	185	65
1	11	1	45	0.1	1	151	34
1	11	1	50	0.3	1	231	49
1	11	1	55	0.3	1	212	27
1	11	2	0	0.1	0	154	68
1	11	2	5	0.1	1	201	46
1	11	2	10	0.5	1	234	17
1	11	2	15	0.5	1	231	31
1	11	2	20	0.7	1	217	29
1	11	2	25	0.4	1	230	50
1	11	2	30	0.5	0	244	36
1	11	2	35	0.7	1	234	28
1	11	2	40	0.8	1	237	21
1	11	2	45	0.5	1	227	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)
1	11	2	50	0.4	1	250	13
1	11	2	55	0.6	1	236	19
1	11	3	0	0.8	1	227	21
1	11	3	5	0.7	1	235	23
1	11	3	10	0.7	1	240	36
1	11	3	15	0.3	1	249	51
1	11	3	20	0.4	1	229	28
1	11	3	25	0.4	1	252	51
1	11	3	30	0.2	1	252	35
1	11	3	35	0.4	1	247	18
1	11	3	40	0.3	0	273	27
1	11	3	45	0.7	1	256	24
1	11	3	50	0.8	1	253	18
1	11	3	55	0.9	1	247	21
1	11	4	0	0.9	1	244	30
1	11	4	5	0.6	2	244	37
1	11	4	10	0.7	2	251	34
1	11	4	15	0.5	1	249	35
1	11	4	20	0.3	1	246	60
1	11	4	25	0.4	1	261	56
1	11	4	30	0.3	1	333	102
1	11	4	35	1.1	2	251	26
1	11	4	40	0.9	1	252	32
1	11	4	45	0.7	1	219	35
1	11	4	50	0.9	1	246	21
1	11	4	55	0.8	1	238	26
1	11	5	0	0.7	1	250	37
1	11	5	5	0.6	1	212	30
1	11	5	10	0.9	1	216	18
1	11	5	15	0.6	1	234	41
1	11	5	20	0.4	0	233	35
1	11	5	25	0.4	1	221	44
1	11	5	30	0.2	1	214	13
1	11	5	35	0.5	1	203	22
1	11	5	40	0.3	1	245	39
1	11	5	45	0.3	0	243	23
1	11	5	50	0.3	1	252	30
1	11	5	55	0.6	1	251	29
1	11	6	0	0.9	2	243	19
1	11	6	5	0.8	1	236	24
1	11	6	10	0.4	1	217	28
1	11	6	15	0.5	2	243	41
1	11	6	20	0.4	1	242	44
1	11	6	25	0.6	2	222	20
1	11	6	30	0.7	1	235	26
1	11	6	35	0.5	1	217	21
1	11	6	40	0.6	1	228	28
1	11	6	45	0.6	1	228	19
1	11	6	50	0.4	1	223	16
1	11	6	55	0.4	1	242	24
1	11	7	0	0.2	1	220	29
1	11	7	5	0.2	0	224	46
1	11	7	10	0.3	1	208	15
1	11	7	15	0.3	1	223	27
1	11	7	20	0.3	1	216	12
1	11	7	25	0.3	1	227	26
1	11	7	30	0.4	1	222	19
1	11	7	35	0.4	1	206	13
1	11	7	40	0.0	0	194	15
1	11	7	45	0.3	1	192	54
1	11	7	50	0.5	1	235	43
1	11	7	55	0.4	1	215	25
1	11	8	0	0.4	0	237	45
1	11	8	5	0.4	1	273	53
1	11	8	10	0.6	1	261	38
1	11	8	15	1.3	2	261	30
1	11	8	20	0.3	0	191	60
1	11	8	25	0.6	1	208	59
1	11	8	30	0.4	1	82	91
1	11	8	35	0.8	1	244	58
1	11	8	40	0.4	2	347	82
1	11	8	45	0.8	2	12	40
1	11	8	50	1.0	2	342	27
1	11	8	55	1.0	3	349	34
1	11	9	0	1.0	2	2	29
1	11	9	5	0.7	2	349	32
1	11	9	10	0.7	1	357	55
1	11	9	15	0.8	2	27	57
1	11	9	20	0.7	2	342	38
1	11	9	25	0.8	3	352	42
1	11	9	30	0.8	1	347	44
1	11	9	35	0.9	1	359	56
1	11	9	40	0.5	1	271	87
1	11	9	45	0.7	1	279	58

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)
1	11	9	50	0.8	0	289	65
1	11	9	55	0.3	1	312	69
1	11	10	0	1.1	3	343	30
1	11	10	5	0.6	2	350	52
1	11	10	10	0.6	1	327	75
1	11	10	15	0.6	1	309	81
1	11	10	20	1.0	2	321	46
1	11	10	25	1.0	2	326	54
1	11	10	30	1.0	1	351	28
1	11	10	35	1.1	2	343	44
1	11	10	40	0.7	1	342	51
1	11	10	45	1.0	2	353	43
1	11	10	50	0.5	1	345	57
1	11	10	55	0.7	3	3	51
1	11	11	0	0.8	1	266	54
1	11	11	5	1.3	3	350	42
1	11	11	10	0.7	3	325	45
1	11	11	15	1.1	2	346	34
1	11	11	20	0.9	3	346	48
1	11	11	25	1.4	1	355	27
1	11	11	30	0.9	2	351	33
1	11	11	35	1.2	1	346	25
1	11	11	40	1.1	3	354	35
1	11	11	45	1.0	1	343	47
1	11	11	50	1.1	3	3	48
1	11	11	55	1.5	2	6	40
1	11	12	0	1.0	0	342	57
1	11	12	5	0.5	2	338	54
1	11	12	10	0.8	2	337	45
1	11	12	15	1.2	2	346	32
1	11	12	20	1.3	2	333	28
1	11	12	25	1.0	3	336	43
1	11	12	30	1.0	1	347	38
1	11	12	35	0.7	2	0	59
1	11	12	40	0.9	1	2	26
1	11	12	45	0.5	2	73	102
1	11	12	50	0.8	1	262	72
1	11	12	55	0.6	1	343	30
1	11	13	0	0.7	1	297	62
1	11	13	5	0.6	2	322	68
1	11	13	10	0.9	1	303	65
1	11	13	15	0.7	2	4	49
1	11	13	20	1.4	2	13	26
1	11	13	25	1.3	2	357	26
1	11	13	30	0.9	2	351	34
1	11	13	35	0.8	2	3	44
1	11	13	40	1.1	2	11	32
1	11	13	45	0.8	1	327	28
1	11	13	50	0.4	2	325	85
1	11	13	55	0.9	2	350	61
1	11	14	0	0.4	1	314	47
1	11	14	5	0.7	1	1	75
1	11	14	10	0.4	1	113	70
1	11	14	15	0.3	1	244	72
1	11	14	20	0.8	1	354	42
1	11	14	25	0.6	1	322	66
1	11	14	30	1.0	2	245	57
1	11	14	35	0.3	2	269	61
1	11	14	40	0.8	1	317	96
1	11	14	45	0.5	1	359	67
1	11	14	50	1.0	2	10	45
1	11	14	55	1.3	2	2	27
1	11	15	0	1.3	3	29	35
1	11	15	5	1.1	3	12	45
1	11	15	10	0.7	2	350	35
1	11	15	15	0.9	0	359	47
1	11	15	20	0.4	1	349	79
1	11	15	25	0.3	1	239	59
1	11	15	30	0.2	0	159	45
1	11	15	35	0.1	0	69	59
1	11	15	40	0.3	0	196	53
1	11	15	45	0.2	1	152	38
1	11	15	50	0.7	1	202	16
1	11	15	55	0.4	2	191	63
1	11	16	0	0.6	2	217	44
1	11	16	5	0.4	0	199	30
1	11	16	10	0.7	2	209	28
1	11	16	15	0.8	2	196	23
1	11	16	20	0.6	1	203	27
1	11	16	25	0.8	1	207	30
1	11	16	30	0.5	1	188	21
1	11	16	35	0.8	1	185	18
1	11	16	40	0.9	2	194	20
1	11	16	45	0.8	1	189	12

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)
1	11	16	50	0.6	1	190	13
1	11	16	55	0.6	1	194	12
1	11	17	0	0.4	1	197	18
1	11	17	5	0.6	1	202	16
1	11	17	10	0.7	1	201	11
1	11	17	15	0.7	1	206	19
1	11	17	20	0.9	1	209	19
1	11	17	25	0.9	2	207	17
1	11	17	30	0.8	2	208	13
1	11	17	35	0.7	2	215	20
1	11	17	40	0.6	1	224	23
1	11	17	45	0.6	1	223	24
1	11	17	50	0.7	1	218	20
1	11	17	55	0.6	1	217	17
1	11	18	0	0.6	1	219	21
1	11	18	5	0.7	1	216	19
1	11	18	10	0.5	1	221	20
1	11	18	15	0.5	1	228	20
1	11	18	20	0.3	1	221	22
1	11	18	25	0.2	1	214	8
1	11	18	30	0.0	0	198	7
1	11	18	35	0.0	0	162	31
1	11	18	40	0.0	0	187	56
1	11	18	45	0.6	1	200	10
1	11	18	50	0.6	1	206	8
1	11	18	55	0.5	1	216	11
1	11	19	0	0.6	1	219	19
1	11	19	5	0.6	1	224	20
1	11	19	10	0.6	1	225	18
1	11	19	15	0.3	1	217	17
1	11	19	20	0.2	0	222	17
1	11	19	25	0.6	1	204	13
1	11	19	30	0.7	1	209	10
1	11	19	35	0.3	0	221	30
1	11	19	40	0.0	0	197	34
1	11	19	45	0.2	0	217	17
1	11	19	50	0.2	1	206	18
1	11	19	55	0.2	0	201	14
1	11	20	0	0.0	0	190	10
1	11	20	5	0.1	0	143	15
1	11	20	10	0.1	1	169	36
1	11	20	15	0.4	1	206	9
1	11	20	20	0.5	1	198	16
1	11	20	25	0.4	1	203	5
1	11	20	30	0.4	1	208	9
1	11	20	35	0.4	1	209	11
1	11	20	40	0.3	0	194	14
1	11	20	45	0.0	0	193	14
1	11	20	50	0.4	1	198	11
1	11	20	55	0.2	0	216	11
1	11	21	0	0.4	1	203	14
1	11	21	5	0.4	0	201	13
1	11	21	10	0.0	0	206	6
1	11	21	15	0.3	0	200	6
1	11	21	20	0.3	1	216	17
1	11	21	25	0.2	0	210	31
1	11	21	30	0.3	1	208	29
1	11	21	35	0.4	1	205	14
1	11	21	40	0.3	1	209	7
1	11	21	45	0.5	1	216	13
1	11	21	50	0.1	0	215	36
1	11	21	55	0.2	1	191	13
1	11	22	0	0.2	1	209	19
1	11	22	5	0.3	0	201	16
1	11	22	10	0.0	0	200	7
1	11	22	15	0.4	1	202	6
1	11	22	20	0.3	0	204	9
1	11	22	25	0.2	0	188	24
1	11	22	30	0.4	1	204	14
1	11	22	35	0.4	0	204	14
1	11	22	40	0.0	0	163	48
1	11	22	45	0.1	0	189	12
1	11	22	50	0.2	0	202	11
1	11	22	55	0.0	0	200	29
1	11	23	0	0.1	0	198	14
1	11	23	5	0.4	1	201	12
1	11	23	10	0.3	1	207	12
1	11	23	15	0.1	0	196	10
1	11	23	20	0.3	1	193	14
1	11	23	25	0.1	0	219	15
1	11	23	30	0.1	0	198	11
1	11	23	35	0.1	1	144	40
1	11	23	40	0.5	1	199	8
1	11	23	45	0.1	0	190	10

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)
1	11	23	50	0.3	0	199	9
1	11	23	55	0.4	1	206	9
1	12	0	0	0.3	0	207	8
1	12	0	5	0.2	0	190	15
1	12	0	10	0.1	0	132	44
1	12	0	15	0.2	0	120	25
1	12	0	20	0.1	0	210	16
1	12	0	25	0.1	0	191	9
1	12	0	30	0.2	0	192	9
1	12	0	35	0.3	1	196	10
1	12	0	40	0.2	1	210	15
1	12	0	45	0.0	0	183	20
1	12	0	50	0.3	0	203	6
1	12	0	55	0.4	0	213	11
1	12	1	0	0.4	0	207	11
1	12	1	5	0.2	0	204	12
1	12	1	10	0.2	1	201	14
1	12	1	15	0.1	0	163	27
1	12	1	20	0.0	0	66	51
1	12	1	25	0.3	0	200	19
1	12	1	30	0.3	0	204	5
1	12	1	35	0.1	0	151	35
1	12	1	40	0.1	1	124	43
1	12	1	45	0.3	1	218	17
1	12	1	50	0.7	1	226	14
1	12	1	55	0.6	1	236	20
1	12	2	0	0.3	1	138	61
1	12	2	5	0.7	1	104	22
1	12	2	10	0.1	0	33	31
1	12	2	15	0.1	0	183	38
1	12	2	20	0.1	0	197	10
1	12	2	25	0.1	0	200	11
1	12	2	30	0.1	0	211	13
1	12	2	35	0.0	0	218	21
1	12	2	40	0.0	0	134	83
1	12	2	45	0.0	0	76	41
1	12	2	50	0.1	0	90	32
1	12	2	55	0.4	1	89	20
1	12	3	0	0.2	1	114	31
1	12	3	5	0.4	1	190	11
1	12	3	10	0.2	1	160	73
1	12	3	15	0.1	0	107	9
1	12	3	20	0.0	1	126	25
1	12	3	25	0.3	1	103	22
1	12	3	30	0.2	0	113	15
1	12	3	35	0.3	0	189	19
1	12	3	40	0.2	1	202	10
1	12	3	45	0.1	0	149	31
1	12	3	50	0.1	0	204	13
1	12	3	55	0.1	0	180	6
1	12	4	0	0.2	0	188	10
1	12	4	5	0.0	0	147	39
1	12	4	10	0.1	0	97	23
1	12	4	15	0.0	0	156	19
1	12	4	20	0.0	0	159	9
1	12	4	25	0.1	0	177	20
1	12	4	30	0.0	0	140	36
1	12	4	35	0.0	0	162	22
1	12	4	40	0.0	0	106	40
1	12	4	45	0.3	0	192	45
1	12	4	50	0.0	0	185	13
1	12	4	55	0.2	1	126	40
1	12	5	0	0.3	0	92	27
1	12	5	5	0.1	0	198	48
1	12	5	10	0.2	0	198	6
1	12	5	15	0.1	0	202	6
1	12	5	20	0.0	0	183	20
1	12	5	25	0.0	0	164	22
1	12	5	30	0.2	0	195	12
1	12	5	35	0.1	0	173	9
1	12	5	40	0.1	0	103	32
1	12	5	45	0.2	0	110	38
1	12	5	50	0.3	1	190	15
1	12	5	55	0.1	0	213	6
1	12	6	0	0.0	0	152	43
1	12	6	5	0.1	0	141	61
1	12	6	10	0.1	1	127	76
1	12	6	15	0.5	1	90	26
1	12	6	20	0.1	0	111	38
1	12	6	25	0.0	0	185	9
1	12	6	30	0.3	0	118	15
1	12	6	35	0.4	1	204	30
1	12	6	40	0.1	0	184	7
1	12	6	45	0.1	0	181	6

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)
1	12	6	50	0.2	0	206	18
1	12	6	55	0.4	0	197	11
1	12	7	0	0.3	1	237	27
1	12	7	5	0.7	1	223	17
1	12	7	10	0.5	0	210	12
1	12	7	15	0.5	1	214	9
1	12	7	20	0.2	0	175	65
1	12	7	25	0.1	0	65	34
1	12	7	30	0.2	1	177	32
1	12	7	35	0.1	1	118	44
1	12	7	40	0.3	0	103	14
1	12	7	45	0.1	0	166	20
1	12	7	50	0.3	1	191	15
1	12	7	55	0.5	1	223	17
1	12	8	0	0.5	1	252	29
1	12	8	5	0.6	1	254	12
1	12	8	10	0.4	0	340	40
1	12	8	15	0.2	1	35	19
1	12	8	20	0.0	0	126	24
1	12	8	25	0.1	0	86	63
1	12	8	30	0.1	0	57	20
1	12	8	35	0.1	0	128	79
1	12	8	40	0.3	1	35	25
1	12	8	45	0.8	2	42	28
1	12	8	50	0.5	1	32	31
1	12	8	55	0.2	0	70	42
1	12	9	0	0.1	0	109	53
1	12	9	5	0.4	2	3	40
1	12	9	10	0.6	2	7	27
1	12	9	15	0.6	1	5	75
1	12	9	20	0.4	1	324	70
1	12	9	25	0.8	1	29	35
1	12	9	30	0.8	1	354	32
1	12	9	35	0.6	1	29	48
1	12	9	40	0.6	2	0	41
1	12	9	45	0.7	1	343	46
1	12	9	50	0.4	1	348	54
1	12	9	55	0.8	2	347	40
1	12	10	0	0.9	2	7	28
1	12	10	5	0.9	3	3	33
1	12	10	10	1.3	2	359	29
1	12	10	15	1.3	2	9	32
1	12	10	20	0.9	1	13	33
1	12	10	25	0.9	1	17	44
1	12	10	30	0.5	1	351	45
1	12	10	35	1.0	2	17	59
1	12	10	40	1.0	2	22	27
1	12	10	45	1.2	2	10	25
1	12	10	50	1.1	2	357	28
1	12	10	55	0.9	1	342	44
1	12	11	0	0.5	1	6	64
1	12	11	5	0.5	1	14	39
1	12	11	10	1.2	2	357	22
1	12	11	15	0.9	2	4	26
1	12	11	20	0.8	2	6	41
1	12	11	25	1.0	2	5	30
1	12	11	30	1.1	2	353	25
1	12	11	35	0.9	1	17	46
1	12	11	40	1.5	2	12	31
1	12	11	45	0.9	2	353	28
1	12	11	50	1.1	2	3	27
1	12	11	55	1.1	2	351	22
1	12	12	0	1.1	2	354	32
1	12	12	5	0.9	2	332	37
1	12	12	10	1.1	2	7	30
1	12	12	15	0.6	1	28	54
1	12	12	20	0.7	0	340	33
1	12	12	25	0.9	2	10	40
1	12	12	30	0.9	3	28	42
1	12	12	35	1.0	1	29	54
1	12	12	40	1.0	2	339	29
1	12	12	45	1.1	3	3	49
1	12	12	50	0.7	1	266	57
1	12	12	55	0.7	2	60	74
1	12	13	0	0.7	2	350	55
1	12	13	5	0.5	2	353	26
1	12	13	10	0.6	1	328	32
1	12	13	15	0.9	2	324	75
1	12	13	20	0.5	1	226	95
1	12	13	25	0.7	1	327	36
1	12	13	30	0.9	1	309	67
1	12	13	35	1.1	2	15	50
1	12	13	40	1.0	3	38	42
1	12	13	45	0.8	2	350	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)
1	12	13	50	1.0	2	15	56
1	12	13	55	1.4	3	35	46
1	12	14	0	1.5	2	23	38
1	12	14	5	0.9	2	6	43
1	12	14	10	1.0	2	54	51
1	12	14	15	0.4	1	7	54
1	12	14	20	0.7	1	10	45
1	12	14	25	0.9	3	61	51
1	12	14	30	0.9	2	53	50
1	12	14	35	0.6	1	33	57
1	12	14	40	0.7	4	21	51
1	12	14	45	1.1	2	0	39
1	12	14	50	0.5	1	72	54
1	12	14	55	0.3	1	304	75
1	12	15	0	0.7	2	53	62
1	12	15	5	0.5	1	227	83
1	12	15	10	0.8	2	56	57
1	12	15	15	0.6	1	42	58
1	12	15	20	0.8	2	44	50
1	12	15	25	0.9	1	48	51
1	12	15	30	0.4	1	11	66
1	12	15	35	0.3	1	280	71
1	12	15	40	0.1	0	181	90
1	12	15	45	0.2	1	108	29
1	12	15	50	0.4	2	115	38
1	12	15	55	0.8	1	45	58
1	12	16	0	0.7	3	67	66
1	12	16	5	1.2	1	55	60
1	12	16	10	0.3	1	184	59
1	12	16	15	0.2	0	298	85
1	12	16	20	0.5	1	207	72
1	12	16	25	0.7	1	217	29
1	12	16	30	0.4	2	113	78
1	12	16	35	0.3	0	152	74
1	12	16	40	0.2	0	170	73
1	12	16	45	0.2	1	339	77
1	12	16	50	0.3	1	107	54
1	12	16	55	0.6	2	26	60
1	12	17	0	0.9	2	55	44
1	12	17	5	0.3	1	22	75
1	12	17	10	0.5	1	27	51
1	12	17	15	0.2	1	162	43
1	12	17	20	0.3	0	224	65
1	12	17	25	0.1	0	171	56
1	12	17	30	0.1	0	243	59
1	12	17	35	0.1	1	234	59
1	12	17	40	0.2	1	176	48
1	12	17	45	0.4	0	198	10
1	12	17	50	0.4	0	202	23
1	12	17	55	0.4	1	211	21
1	12	18	0	0.4	0	206	14
1	12	18	5	0.3	1	224	28
1	12	18	10	0.5	1	202	20
1	12	18	15	0.6	1	202	14
1	12	18	20	0.4	1	204	22
1	12	18	25	0.5	1	200	11
1	12	18	30	0.5	1	213	20
1	12	18	35	0.1	0	208	61
1	12	18	40	0.2	1	207	56
1	12	18	45	0.5	1	210	17
1	12	18	50	0.4	1	218	17
1	12	18	55	0.5	1	213	17
1	12	19	0	0.6	1	211	19
1	12	19	5	0.3	1	213	24
1	12	19	10	0.3	0	219	26
1	12	19	15	0.3	1	211	17
1	12	19	20	0.3	1	209	17
1	12	19	25	0.2	1	212	17
1	12	19	30	0.7	1	206	14
1	12	19	35	0.4	1	221	17
1	12	19	40	0.6	1	228	23
1	12	19	45	0.3	0	218	21
1	12	19	50	0.2	1	202	24
1	12	19	55	0.6	1	205	12
1	12	20	0	0.5	1	208	12
1	12	20	5	0.4	1	213	15
1	12	20	10	0.5	1	209	15
1	12	20	15	0.6	1	225	22
1	12	20	20	0.5	1	217	19
1	12	20	25	0.4	0	206	15
1	12	20	30	0.1	0	202	6
1	12	20	35	0.4	1	222	21
1	12	20	40	0.2	0	210	12
1	12	20	45	0.2	0	201	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)
1	12	20	50	0.2	1	223	18
1	12	20	55	0.1	1	209	19
1	12	21	0	0.4	1	220	20
1	12	21	5	0.2	0	217	28
1	12	21	10	0.3	1	215	15
1	12	21	15	0.5	1	213	20
1	12	21	20	0.0	0	162	55
1	12	21	25	0.1	1	201	29
1	12	21	30	0.5	1	201	10
1	12	21	35	0.6	1	214	14
1	12	21	40	0.3	1	212	17
1	12	21	45	0.4	0	209	16
1	12	21	50	0.1	1	215	23
1	12	21	55	0.2	1	203	16
1	12	22	0	0.2	0	204	14
1	12	22	5	0.4	1	216	15
1	12	22	10	0.3	1	200	13
1	12	22	15	0.2	0	221	18
1	12	22	20	0.1	0	231	25
1	12	22	25	0.1	0	179	51
1	12	22	30	0.1	0	122	39
1	12	22	35	0.4	1	217	12
1	12	22	40	0.2	0	195	21
1	12	22	45	0.3	1	203	8
1	12	22	50	0.3	0	211	12
1	12	22	55	0.2	1	222	21
1	12	23	0	0.6	1	222	17
1	12	23	5	0.5	1	211	14
1	12	23	10	0.1	0	243	31
1	12	23	15	0.1	0	145	30
1	12	23	20	0.3	1	199	10
1	12	23	25	0.3	1	201	16
1	12	23	30	0.4	1	211	18
1	12	23	35	0.3	1	205	16
1	12	23	40	0.2	0	207	16
1	12	23	45	0.2	0	196	7
1	12	23	50	0.1	0	216	34
1	12	23	55	0.1	0	177	18
1	13	0	0	0.2	1	205	12
1	13	0	5	0.1	0	210	16
1	13	0	10	0.3	1	173	23
1	13	0	15	0.2	0	156	39
1	13	0	20	0.3	0	155	49
1	13	0	25	0.3	0	207	29
1	13	0	30	0.1	1	125	11
1	13	0	35	0.2	0	186	22
1	13	0	40	0.3	1	201	9
1	13	0	45	0.1	0	181	8
1	13	0	50	0.1	0	192	5
1	13	0	55	0.1	0	159	39
1	13	1	0	0.1	0	215	32
1	13	1	5	0.0	0	178	14
1	13	1	10	0.3	1	194	16
1	13	1	15	0.2	0	188	7
1	13	1	20	0.0	0	189	6
1	13	1	25	0.1	0	150	19
1	13	1	30	0.2	0	219	19
1	13	1	35	0.0	0	233	7
1	13	1	40	0.4	0	201	10
1	13	1	45	0.2	0	193	11
1	13	1	50	0.0	0	161	57
1	13	1	55	0.0	0	146	24
1	13	2	0	0.1	0	120	7
1	13	2	5	0.1	0	170	35
1	13	2	10	0.1	0	180	13
1	13	2	15	0.1	0	177	20
1	13	2	20	0.1	0	174	25
1	13	2	25	0.2	0	112	18
1	13	2	30	0.2	0	86	28
1	13	2	35	0.1	0	115	61
1	13	2	40	0.1	0	199	17
1	13	2	45	0.2	0	200	10
1	13	2	50	0.1	0	194	17
1	13	2	55	0.1	0	178	15
1	13	3	0	0.1	0	198	4
1	13	3	5	0.0	0	170	29
1	13	3	10	0.1	0	173	24
1	13	3	15	0.1	0	189	10
1	13	3	20	0.0	0	167	22
1	13	3	25	0.0	0	137	1
1	13	3	30	0.0	0	137	1
1	13	3	35	0.0	0	159	18
1	13	3	40	0.0	0	179	1
1	13	3	45	0.2	1	195	16



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)
1	13	3	50	0.1	0	178	22
1	13	3	55	0.1	0	171	28
1	13	4	0	0.2	0	201	4
1	13	4	5	0.0	0	173	16
1	13	4	10	0.3	0	213	6
1	13	4	15	0.0	0	210	1
1	13	4	20	0.0	0	149	38
1	13	4	25	0.0	0	130	17
1	13	4	30	0.2	0	188	17
1	13	4	35	0.1	0	189	10
1	13	4	40	0.1	0	190	8
1	13	4	45	0.3	0	215	17
1	13	4	50	0.0	0	145	21
1	13	4	55	0.0	0	185	12
1	13	5	0	0.1	1	152	31
1	13	5	5	0.1	0	198	3
1	13	5	10	0.0	0	185	7
1	13	5	15	0.2	0	191	12
1	13	5	20	0.0	0	139	30
1	13	5	25	0.1	0	198	30
1	13	5	30	0.1	0	185	8
1	13	5	35	0.1	0	210	13
1	13	5	40	0.1	0	194	7
1	13	5	45	0.0	0	189	10
1	13	5	50	0.0	0	179	6
1	13	5	55	0.0	0	192	8
1	13	6	0	0.0	0	181	3
1	13	6	5	0.0	0	191	7
1	13	6	10	0.0	0	184	1
1	13	6	15	0.3	0	208	8
1	13	6	20	0.0	0	170	25
1	13	6	25	0.1	0	185	20
1	13	6	30	0.0	0	185	17
1	13	6	35	0.0	0	191	10
1	13	6	40	0.1	0	188	6
1	13	6	45	0.0	0	187	15
1	13	6	50	0.1	0	189	6
1	13	6	55	0.1	0	194	8
1	13	7	0	0.2	0	190	9
1	13	7	5	0.4	0	207	7
1	13	7	10	0.1	0	185	5
1	13	7	15	0.2	0	203	14
1	13	7	20	0.1	0	187	11
1	13	7	25	0.0	0	155	19
1	13	7	30	0.0	0	187	8
1	13	7	35	0.1	0	185	8
1	13	7	40	0.4	1	207	10
1	13	7	45	0.1	0	171	36
1	13	7	50	0.0	0	166	23
1	13	7	55	0.1	0	176	24
1	13	8	0	0.0	0	185	4
1	13	8	5	0.0	0	242	87
1	13	8	10	0.0	0	54	50
1	13	8	15	0.0	0	24	70
1	13	8	20	0.1	0	317	22
1	13	8	25	0.0	0	330	36
1	13	8	30	0.0	0	106	18
1	13	8	35	0.0	0	101	25
1	13	8	40	0.1	1	28	52
1	13	8	45	0.3	1	0	36
1	13	8	50	0.5	1	343	29
1	13	8	55	0.3	0	341	31
1	13	9	0	0.2	0	342	37
1	13	9	5	0.2	1	20	38
1	13	9	10	0.3	1	354	38
1	13	9	15	0.7	1	15	26
1	13	9	20	0.7	1	13	31
1	13	9	25	0.3	0	4	48
1	13	9	30	0.6	1	349	24
1	13	9	35	0.6	1	1	34
1	13	9	40	0.4	1	349	22
1	13	9	45	0.6	1	11	32
1	13	9	50	0.4	1	50	32
1	13	9	55	0.4	1	20	40
1	13	10	0	0.5	1	44	57
1	13	10	5	0.7	1	28	30
1	13	10	10	0.8	2	13	48
1	13	10	15	1.4	2	17	28
1	13	10	20	1.0	3	29	36
1	13	10	25	1.3	2	13	35
1	13	10	30	1.5	3	31	26
1	13	10	35	1.3	2	19	23
1	13	10	40	1.7	3	31	24
1	13	10	45	1.4	3	15	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)
1	13	10	50	1.1	2	20	49
1	13	10	55	0.9	1	1	47
1	13	11	0	1.0	2	1	51
1	13	11	5	0.9	1	351	33
1	13	11	10	0.9	1	341	29
1	13	11	15	0.8	2	354	44
1	13	11	20	0.5	1	22	65
1	13	11	25	0.7	1	327	35
1	13	11	30	0.6	2	21	58
1	13	11	35	1.1	3	10	33
1	13	11	40	1.0	3	23	57
1	13	11	45	0.5	1	31	56
1	13	11	50	0.6	2	357	42
1	13	11	55	0.8	3	1	59
1	13	12	0	1.1	2	12	47
1	13	12	5	0.8	1	10	45
1	13	12	10	0.9	1	359	51
1	13	12	15	1.1	2	12	42
1	13	12	20	0.5	1	332	74
1	13	12	25	0.7	2	2	45
1	13	12	30	0.8	1	343	37
1	13	12	35	0.7	2	51	86
1	13	12	40	1.1	2	43	39
1	13	12	45	1.0	1	42	47
1	13	12	50	0.4	2	350	64
1	13	12	55	1.2	2	61	40
1	13	13	0	1.0	3	44	55
1	13	13	5	1.0	2	15	39
1	13	13	10	0.7	2	346	38
1	13	13	15	0.5	1	31	79
1	13	13	20	0.6	2	333	29
1	13	13	25	0.7	1	2	55
1	13	13	30	0.8	2	23	59
1	13	13	35	0.9	2	15	36
1	13	13	40	0.7	2	22	67
1	13	13	45	0.4	1	351	62
1	13	13	50	0.5	1	357	60
1	13	13	55	0.6	2	336	58
1	13	14	0	1.2	2	36	41
1	13	14	5	1.3	2	10	37
1	13	14	10	0.9	1	356	42
1	13	14	15	0.7	3	31	75
1	13	14	20	0.9	2	16	38
1	13	14	25	1.1	2	30	26
1	13	14	30	0.5	1	10	79
1	13	14	35	0.6	2	24	43
1	13	14	40	0.2	1	3	69
1	13	14	45	0.3	1	5	63
1	13	14	50	0.6	2	29	35
1	13	14	55	0.5	1	58	55
1	13	15	0	0.4	0	77	50
1	13	15	5	0.9	1	57	60
1	13	15	10	0.8	1	21	48
1	13	15	15	0.6	1	41	51
1	13	15	20	0.9	1	30	44
1	13	15	25	0.3	1	31	58
1	13	15	30	0.6	3	43	67
1	13	15	35	0.6	1	343	61
1	13	15	40	0.5	1	50	67
1	13	15	45	0.5	1	47	51
1	13	15	50	0.5	2	338	50
1	13	15	55	0.6	1	44	65
1	13	16	0	0.2	1	266	99
1	13	16	5	0.3	1	24	98
1	13	16	10	0.6	1	35	75
1	13	16	15	0.5	1	24	52
1	13	16	20	0.5	1	50	42
1	13	16	25	0.7	1	70	43
1	13	16	30	0.7	1	17	85
1	13	16	35	0.7	1	33	37
1	13	16	40	0.4	1	47	39
1	13	16	45	0.7	2	61	43
1	13	16	50	0.5	1	37	46
1	13	16	55	0.2	0	73	55
1	13	17	0	0.4	1	108	76
1	13	17	5	0.4	1	48	41
1	13	17	10	0.2	0	163	34
1	13	17	15	0.1	0	162	30
1	13	17	20	0.2	1	137	35
1	13	17	25	0.1	0	129	22
1	13	17	30	0.1	1	175	28
1	13	17	35	0.2	1	228	31
1	13	17	40	0.5	1	210	19
1	13	17	45	0.3	0	184	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)
1	13	17	50	0.3	1	197	25
1	13	17	55	0.4	0	203	17
1	13	18	0	0.3	0	208	20
1	13	18	5	0.4	1	216	16
1	13	18	10	0.4	0	211	11
1	13	18	15	0.3	1	211	14
1	13	18	20	0.5	1	214	18
1	13	18	25	0.4	1	211	31
1	13	18	30	0.2	1	202	12
1	13	18	35	0.5	1	214	14
1	13	18	40	0.4	1	205	20
1	13	18	45	0.3	1	210	15
1	13	18	50	0.1	0	177	25
1	13	18	55	0.4	0	199	11
1	13	19	0	0.5	1	200	9
1	13	19	5	0.5	1	200	9
1	13	19	10	0.2	1	211	16
1	13	19	15	0.3	1	204	12
1	13	19	20	0.4	1	210	12
1	13	19	25	0.3	1	202	18
1	13	19	30	0.3	1	203	11
1	13	19	35	0.4	1	217	18
1	13	19	40	0.3	0	204	13
1	13	19	45	0.4	0	192	9
1	13	19	50	0.3	0	207	15
1	13	19	55	0.1	0	197	3
1	13	20	0	0.1	0	187	7
1	13	20	5	0.0	0	229	20
1	13	20	10	0.3	0	210	6
1	13	20	15	0.5	1	204	6
1	13	20	20	0.6	1	206	10
1	13	20	25	0.2	1	221	13
1	13	20	30	0.1	0	204	10
1	13	20	35	0.3	1	211	9
1	13	20	40	0.2	0	207	7
1	13	20	45	0.0	0	203	8
1	13	20	50	0.2	0	203	16
1	13	20	55	0.4	1	211	10
1	13	21	0	0.4	1	213	17
1	13	21	5	0.4	1	202	11
1	13	21	10	0.0	0	189	10
1	13	21	15	0.2	0	197	9
1	13	21	20	0.3	0	208	13
1	13	21	25	0.4	1	222	11
1	13	21	30	0.4	1	221	16
1	13	21	35	0.4	0	211	18
1	13	21	40	0.1	0	193	5
1	13	21	45	0.1	0	190	14
1	13	21	50	0.1	0	195	12
1	13	21	55	0.2	1	207	12
1	13	22	0	0.2	0	199	4
1	13	22	5	0.2	0	196	11
1	13	22	10	0.0	0	184	11
1	13	22	15	0.1	1	201	1
1	13	22	20	0.1	0	204	3
1	13	22	25	0.2	1	211	13
1	13	22	30	0.1	0	209	9
1	13	22	35	0.3	1	208	11
1	13	22	40	0.5	1	209	13
1	13	22	45	0.1	0	209	15
1	13	22	50	0.4	0	209	7
1	13	22	55	0.1	0	225	21
1	13	23	0	0.1	0	178	22
1	13	23	5	0.0	0	169	29
1	13	23	10	0.3	1	207	12
1	13	23	15	0.4	1	200	11
1	13	23	20	0.2	0	204	8
1	13	23	25	0.0	0	198	1
1	13	23	30	0.1	0	189	6
1	13	23	35	0.1	1	198	8
1	13	23	40	0.2	0	202	10
1	13	23	45	0.1	0	189	4
1	13	23	50	0.2	1	198	11
1	13	23	55	0.4	1	209	11
1	14	0	0	0.2	1	211	9
1	14	0	5	0.1	0	203	8
1	14	0	10	0.1	0	197	5
1	14	0	15	0.1	0	184	7
1	14	0	20	0.0	0	214	29
1	14	0	25	0.2	0	211	26
1	14	0	30	0.2	0	216	13
1	14	0	35	0.1	0	195	8
1	14	0	40	0.0	0	240	29
1	14	0	45	0.2	0	207	11

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)
1	14	0	50	0.0	0	206	14
1	14	0	55	0.0	0	181	3
1	14	1	0	0.1	0	196	15
1	14	1	5	0.1	0	203	12
1	14	1	10	0.1	1	198	16
1	14	1	15	0.3	0	215	15
1	14	1	20	0.3	1	205	12
1	14	1	25	0.3	0	208	10
1	14	1	30	0.0	0	214	2
1	14	1	35	0.0	0	201	4
1	14	1	40	0.1	0	189	13
1	14	1	45	0.2	0	212	8
1	14	1	50	0.1	0	209	4
1	14	1	55	0.0	0	203	3
1	14	2	0	0.3	1	207	5
1	14	2	5	0.2	1	208	3
1	14	2	10	0.1	0	204	5
1	14	2	15	0.0	0	190	12
1	14	2	20	0.1	0	198	18
1	14	2	25	0.0	0	206	3
1	14	2	30	0.0	0	191	4
1	14	2	35	0.0	0	130	31
1	14	2	40	0.0	0	93	4
1	14	2	45	0.0	0	176	46
1	14	2	50	0.2	1	200	13
1	14	2	55	0.3	0	220	10
1	14	3	0	0.2	1	208	7
1	14	3	5	0.2	0	180	16
1	14	3	10	0.0	0	153	30
1	14	3	15	0.0	0	195	26
1	14	3	20	0.0	0	71	52
1	14	3	25	0.0	0	75	17
1	14	3	30	0.0	0	147	2
1	14	3	35	0.0	0	149	1
1	14	3	40	0.0	0	181	17
1	14	3	45	0.0	0	181	21
1	14	3	50	0.0	0	119	35
1	14	3	55	0.1	0	189	6
1	14	4	0	0.2	0	182	13
1	14	4	5	0.2	0	189	17
1	14	4	10	0.2	0	195	9
1	14	4	15	0.0	0	190	1
1	14	4	20	0.0	0	165	24
1	14	4	25	0.1	0	198	6
1	14	4	30	0.2	0	205	9
1	14	4	35	0.0	0	200	19
1	14	4	40	0.0	0	178	4
1	14	4	45	0.0	0	116	31
1	14	4	50	0.0	0	130	38
1	14	4	55	0.3	0	191	6
1	14	5	0	0.2	0	202	5
1	14	5	5	0.1	0	210	12
1	14	5	10	0.2	0	197	5
1	14	5	15	0.2	0	198	9
1	14	5	20	0.1	0	194	7
1	14	5	25	0.1	0	86	13
1	14	5	30	0.1	0	97	29
1	14	5	35	0.1	0	187	13
1	14	5	40	0.0	0	149	22
1	14	5	45	0.0	0	189	15
1	14	5	50	0.1	1	189	9
1	14	5	55	0.1	0	197	11
1	14	6	0	0.3	0	197	6
1	14	6	5	0.0	0	200	7
1	14	6	10	0.0	0	141	19
1	14	6	15	0.1	0	182	28
1	14	6	20	0.2	1	198	12
1	14	6	25	0.1	0	199	10
1	14	6	30	0.2	0	205	15
1	14	6	35	0.1	0	155	33
1	14	6	40	0.1	0	166	25
1	14	6	45	0.0	0	162	13
1	14	6	50	0.0	0	145	8
1	14	6	55	0.1	0	159	24
1	14	7	0	0.1	0	185	8
1	14	7	5	0.0	0	183	2
1	14	7	10	0.3	0	199	6
1	14	7	15	0.1	0	187	4
1	14	7	20	0.0	0	182	3
1	14	7	25	0.0	0	174	18
1	14	7	30	0.0	0	147	4
1	14	7	35	0.0	0	152	15
1	14	7	40	0.0	0	164	53
1	14	7	45	0.1	0	73	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)
1	14	7	50	0.0	0	194	3
1	14	7	55	0.0	0	200	1
1	14	8	0	0.0	0	161	12
1	14	8	5	0.0	0	214	40
1	14	8	10	0.0	0	195	25
1	14	8	15	0.0	0	189	24
1	14	8	20	0.2	0	102	25
1	14	8	25	0.1	0	99	6
1	14	8	30	0.0	0	70	41
1	14	8	35	0.3	1	338	29
1	14	8	40	0.3	0	2	30
1	14	8	45	0.4	1	348	22
1	14	8	50	0.4	1	343	20
1	14	8	55	0.3	1	359	45
1	14	9	0	0.3	1	346	29
1	14	9	5	0.2	0	352	24
1	14	9	10	0.3	2	6	35
1	14	9	15	0.7	2	15	29
1	14	9	20	0.7	2	9	28
1	14	9	25	0.4	1	41	41
1	14	9	30	0.2	1	354	64
1	14	9	35	0.5	1	13	34
1	14	9	40	0.6	2	12	33
1	14	9	45	0.4	1	16	41
1	14	9	50	0.6	1	3	29
1	14	9	55	0.7	1	11	30
1	14	10	0	0.6	2	347	23
1	14	10	5	0.3	1	64	52
1	14	10	10	0.3	0	76	36
1	14	10	15	0.1	1	11	53
1	14	10	20	0.3	0	96	54
1	14	10	25	1.0	2	19	27
1	14	10	30	0.5	1	109	53
1	14	10	35	0.6	1	282	93
1	14	10	40	0.7	1	11	36
1	14	10	45	0.2	0	320	77
1	14	10	50	0.5	2	347	38
1	14	10	55	0.7	2	334	30
1	14	11	0	1.2	2	351	22
1	14	11	5	1.0	1	346	33
1	14	11	10	0.6	0	241	88
1	14	11	15	0.8	2	244	71
1	14	11	20	0.7	1	262	59
1	14	11	25	0.8	1	296	54
1	14	11	30	0.7	1	330	69
1	14	11	35	0.6	1	329	70
1	14	11	40	1.2	4	334	37
1	14	11	45	0.9	2	336	63
1	14	11	50	1.2	2	320	46
1	14	11	55	0.8	0	341	52
1	14	12	0	1.0	2	355	37
1	14	12	5	0.5	2	344	51
1	14	12	10	1.1	1	20	42
1	14	12	15	0.6	1	342	58
1	14	12	20	0.9	2	345	38
1	14	12	25	0.5	1	339	80
1	14	12	30	1.4	2	359	26
1	14	12	35	0.9	2	356	37
1	14	12	40	1.3	1	9	26
1	14	12	45	0.7	2	353	38
1	14	12	50	1.2	2	10	31
1	14	12	55	1.0	3	348	28
1	14	13	0	1.0	1	346	34
1	14	13	5	0.7	0	356	41
1	14	13	10	0.9	2	348	40
1	14	13	15	0.7	1	33	55
1	14	13	20	0.6	2	314	61
1	14	13	25	1.0	1	338	32
1	14	13	30	0.8	1	25	65
1	14	13	35	0.9	1	8	41
1	14	13	40	1.1	2	95	76
1	14	13	45	1.1	2	7	53
1	14	13	50	0.6	1	34	65
1	14	13	55	0.4	1	334	78
1	14	14	0	0.8	2	8	62
1	14	14	5	0.6	1	63	50
1	14	14	10	0.9	2	343	36
1	14	14	15	0.4	1	345	71
1	14	14	20	0.7	1	39	61
1	14	14	25	0.4	1	251	98
1	14	14	30	0.8	2	38	41
1	14	14	35	0.9	2	58	42
1	14	14	40	1.1	1	6	54
1	14	14	45	1.4	2	351	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)
1	14	14	50	1.1	2	358	39
1	14	14	55	1.2	1	22	37
1	14	15	0	0.9	1	29	54
1	14	15	5	0.9	2	47	45
1	14	15	10	0.5	1	31	58
1	14	15	15	0.8	1	31	47
1	14	15	20	0.6	0	54	66
1	14	15	25	0.6	2	31	84
1	14	15	30	0.5	2	6	64
1	14	15	35	0.7	2	47	92
1	14	15	40	0.7	2	79	59
1	14	15	45	0.5	1	89	75
1	14	15	50	0.3	0	25	62
1	14	15	55	0.4	0	206	72
1	14	16	0	0.7	0	88	54
1	14	16	5	0.8	2	64	52
1	14	16	10	0.3	0	120	90
1	14	16	15	0.2	0	177	42
1	14	16	20	0.2	1	132	93
1	14	16	25	0.7	2	140	82
1	14	16	30	0.9	2	96	62
1	14	16	35	0.6	0	128	73
1	14	16	40	0.7	2	115	51
1	14	16	45	0.2	0	2	66
1	14	16	50	0.3	2	151	63
1	14	16	55	0.5	1	98	39
1	14	17	0	0.5	1	175	19
1	14	17	5	0.8	1	210	17
1	14	17	10	0.6	1	232	20
1	14	17	15	0.8	1	195	12
1	14	17	20	0.6	1	204	10
1	14	17	25	0.9	1	209	12
1	14	17	30	1.0	2	199	12
1	14	17	35	0.9	1	216	16
1	14	17	40	0.5	1	212	19
1	14	17	45	0.7	1	217	16
1	14	17	50	0.7	1	215	14
1	14	17	55	0.6	1	215	18
1	14	18	0	0.6	1	219	20
1	14	18	5	0.8	1	215	15
1	14	18	10	0.7	1	223	17
1	14	18	15	0.8	1	218	19
1	14	18	20	0.8	1	221	26
1	14	18	25	0.8	1	218	22
1	14	18	30	0.6	1	229	21
1	14	18	35	0.5	1	215	28
1	14	18	40	0.6	1	211	19
1	14	18	45	0.7	1	216	18
1	14	18	50	0.7	1	215	20
1	14	18	55	0.3	0	199	36
1	14	19	0	0.2	1	178	52
1	14	19	5	0.5	1	220	23
1	14	19	10	0.1	0	204	5
1	14	19	15	0.0	0	249	40
1	14	19	20	0.4	1	220	19
1	14	19	25	0.4	1	215	17
1	14	19	30	0.6	1	218	15
1	14	19	35	0.7	1	224	19
1	14	19	40	0.6	1	226	22
1	14	19	45	0.5	1	217	24
1	14	19	50	1.0	1	219	21
1	14	19	55	0.7	3	225	22
1	14	20	0	0.8	1	235	27
1	14	20	5	1.0	1	223	20
1	14	20	10	0.7	1	220	22
1	14	20	15	0.8	2	215	16
1	14	20	20	1.1	1	212	14
1	14	20	25	1.2	1	211	16
1	14	20	30	1.2	3	224	23
1	14	20	35	0.9	1	232	25
1	14	20	40	0.8	1	227	28
1	14	20	45	0.9	1	217	22
1	14	20	50	0.8	3	226	31
1	14	20	55	0.9	1	220	22
1	14	21	0	0.8	1	220	18
1	14	21	5	1.0	1	217	21
1	14	21	10	1.0	3	236	23
1	14	21	15	0.9	2	216	19
1	14	21	20	0.7	2	232	21
1	14	21	25	0.8	1	224	18
1	14	21	30	0.7	1	229	20
1	14	21	35	0.9	2	224	23
1	14	21	40	1.1	2	214	18
1	14	21	45	0.9	1	214	18

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)
1	14	21	50	1.0	2	222	19
1	14	21	55	0.8	1	225	24
1	14	22	0	0.6	1	222	24
1	14	22	5	1.0	2	230	25
1	14	22	10	0.9	2	227	37
1	14	22	15	1.1	2	212	20
1	14	22	20	0.6	2	213	75
1	14	22	25	1.0	2	216	15
1	14	22	30	0.9	2	242	31
1	14	22	35	1.3	1	234	26
1	14	22	40	1.3	3	213	21
1	14	22	45	1.3	1	236	20
1	14	22	50	1.0	2	242	31
1	14	22	55	1.1	1	237	42
1	14	23	0	1.0	2	238	19
1	14	23	5	1.2	2	236	23
1	14	23	10	1.1	2	226	25
1	14	23	15	1.0	2	223	24
1	14	23	20	1.5	3	232	21
1	14	23	25	1.4	2	222	22
1	14	23	30	1.1	1	218	20
1	14	23	35	1.1	2	219	19
1	14	23	40	1.0	2	221	31
1	14	23	45	1.1	2	215	18
1	14	23	50	1.1	2	218	23
1	14	23	55	1.3	2	216	18
1	15	0	0	1.4	2	215	19
1	15	0	5	1.6	2	214	16
1	15	0	10	1.0	2	228	22
1	15	0	15	1.3	2	225	23
1	15	0	20	1.4	2	222	26
1	15	0	25	1.5	2	210	22
1	15	0	30	1.5	3	214	18
1	15	0	35	1.7	3	216	19
1	15	0	40	1.7	4	223	26
1	15	0	45	1.8	3	216	23
1	15	0	50	1.7	3	215	25
1	15	0	55	1.8	2	217	21
1	15	1	0	1.3	1	214	15
1	15	1	5	1.0	1	233	26
1	15	1	10	1.0	2	233	28
1	15	1	15	1.3	1	235	22
1	15	1	20	1.0	2	231	52
1	15	1	25	1.3	2	224	22
1	15	1	30	1.1	2	215	29
1	15	1	35	1.4	2	224	34
1	15	1	40	1.1	1	226	29
1	15	1	45	1.3	2	238	22
1	15	1	50	1.7	3	223	18
1	15	1	55	1.5	3	222	19
1	15	2	0	1.5	3	226	19
1	15	2	5	1.0	3	221	26
1	15	2	10	1.4	2	224	23
1	15	2	15	1.7	3	216	17
1	15	2	20	1.5	2	220	19
1	15	2	25	1.4	2	223	21
1	15	2	30	1.3	2	219	17
1	15	2	35	1.0	2	222	27
1	15	2	40	0.7	1	231	20
1	15	2	45	1.0	1	230	17
1	15	2	50	1.0	1	235	22
1	15	2	55	1.1	2	236	28
1	15	3	0	1.0	1	224	19
1	15	3	5	0.9	2	218	18
1	15	3	10	0.9	1	220	14
1	15	3	15	0.7	2	228	17
1	15	3	20	1.0	1	229	20
1	15	3	25	0.7	1	245	19
1	15	3	30	0.7	1	239	20
1	15	3	35	0.9	1	231	20
1	15	3	40	0.9	2	218	15
1	15	3	45	0.7	1	214	27
1	15	3	50	0.4	1	223	36
1	15	3	55	0.5	1	227	19
1	15	4	0	0.2	0	229	26
1	15	4	5	0.2	1	224	21
1	15	4	10	0.4	1	200	4
1	15	4	15	0.4	1	209	10
1	15	4	20	0.5	1	213	9
1	15	4	25	0.6	1	222	13
1	15	4	30	0.6	1	218	15
1	15	4	35	0.8	1	228	16
1	15	4	40	0.7	2	235	19
1	15	4	45	0.6	1	221	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)
1	15	4	50	1.1	2	233	17
1	15	4	55	1.3	2	226	18
1	15	5	0	1.1	1	242	18
1	15	5	5	1.1	1	236	19
1	15	5	10	0.9	1	229	18
1	15	5	15	0.8	1	228	25
1	15	5	20	0.9	1	219	18
1	15	5	25	1.3	2	216	17
1	15	5	30	1.1	1	218	22
1	15	5	35	0.9	2	226	23
1	15	5	40	1.0	2	227	22
1	15	5	45	1.0	2	219	16
1	15	5	50	1.0	2	218	15
1	15	5	55	1.1	2	225	22
1	15	6	0	1.0	2	217	14
1	15	6	5	1.1	1	214	14
1	15	6	10	0.9	2	215	13
1	15	6	15	0.7	1	219	20
1	15	6	20	0.9	1	217	16
1	15	6	25	0.9	1	226	17
1	15	6	30	1.0	1	219	15
1	15	6	35	0.5	1	228	16
1	15	6	40	1.0	2	219	17
1	15	6	45	0.9	1	231	20
1	15	6	50	0.8	1	234	20
1	15	6	55	0.7	1	226	16
1	15	7	0	0.8	1	217	12
1	15	7	5	0.7	1	230	16
1	15	7	10	0.6	1	232	17
1	15	7	15	0.7	1	218	16
1	15	7	20	1.1	1	219	14
1	15	7	25	1.0	2	220	14
1	15	7	30	1.3	3	225	21
1	15	7	35	0.7	1	234	22
1	15	7	40	0.8	2	224	20
1	15	7	45	0.8	1	222	19
1	15	7	50	1.3	2	232	19
1	15	7	55	0.9	1	234	21
1	15	8	0	0.8	1	229	17
1	15	8	5	0.4	1	224	18
1	15	8	10	0.6	1	231	19
1	15	8	15	0.6	0	231	16
1	15	8	20	0.7	1	230	30
1	15	8	25	0.2	1	229	52
1	15	8	30	0.3	0	278	47
1	15	8	35	0.0	0	109	34
1	15	8	40	0.1	0	55	75
1	15	8	45	0.3	1	133	55
1	15	8	50	0.1	0	143	63
1	15	8	55	0.0	0	271	63
1	15	9	0	0.5	2	178	75
1	15	9	5	0.7	1	319	84
1	15	9	10	0.3	1	184	85
1	15	9	15	0.4	1	310	86
1	15	9	20	0.4	1	48	72
1	15	9	25	0.7	2	44	65
1	15	9	30	0.4	2	335	82
1	15	9	35	0.6	1	2	73
1	15	9	40	0.6	1	34	81
1	15	9	45	0.2	0	96	67
1	15	9	50	1.1	3	26	38
1	15	9	55	1.0	1	21	51
1	15	10	0	1.4	4	359	54
1	15	10	5	0.9	1	19	72
1	15	10	10	1.0	2	68	50
1	15	10	15	1.8	3	34	52
1	15	10	20	0.8	2	347	58
1	15	10	25	0.9	2	22	73
1	15	10	30	1.5	5	44	64
1	15	10	35	1.7	4	24	61
1	15	10	40	1.4	4	52	61
1	15	10	45	1.5	2	34	64
1	15	10	50	1.4	4	353	52
1	15	10	55	0.8	2	38	68
1	15	11	0	1.4	4	56	53
1	15	11	5	1.4	3	28	60
1	15	11	10	0.8	1	5	73
1	15	11	15	1.2	2	7	50
1	15	11	20	1.2	3	358	40
1	15	11	25	1.7	4	14	53
1	15	11	30	1.3	5	26	59
1	15	11	35	0.9	1	33	67
1	15	11	40	1.4	4	22	74
1	15	11	45	0.8	2	53	66

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)
1	15	11	50	2.4	3	35	60
1	15	11	55	1.6	4	44	63
1	15	12	0	1.6	3	59	65
1	15	12	5	2.2	3	84	53
1	15	12	10	1.8	5	49	64
1	15	12	15	1.5	4	49	59
1	15	12	20	1.5	3	75	54
1	15	12	25	1.0	2	62	81
1	15	12	30	1.8	4	71	53
1	15	12	35	1.3	2	76	63
1	15	12	40	0.7	1	323	77
1	15	12	45	1.7	4	64	64
1	15	12	50	1.5	4	356	77
1	15	12	55	1.9	5	346	59
1	15	13	0	1.8	3	46	69
1	15	13	5	1.8	3	352	54
1	15	13	10	1.0	3	53	58
1	15	13	15	1.2	3	359	67
1	15	13	20	1.2	3	14	59
1	15	13	25	1.0	2	31	83
1	15	13	30	0.9	1	65	80
1	15	13	35	1.1	1	46	70
1	15	13	40	0.7	1	29	54
1	15	13	45	1.1	2	14	47
1	15	13	50	1.1	3	26	63
1	15	13	55	1.6	2	21	62
1	15	14	0	1.6	4	12	41
1	15	14	5	1.5	2	344	55
1	15	14	10	1.1	3	359	53
1	15	14	15	1.2	2	24	61
1	15	14	20	0.8	1	12	55
1	15	14	25	1.0	3	65	50
1	15	14	30	1.1	2	30	55
1	15	14	35	0.9	1	354	49
1	15	14	40	0.9	2	346	38
1	15	14	45	0.8	2	353	50
1	15	14	50	1.2	2	41	50
1	15	14	55	1.1	3	37	51
1	15	15	0	1.4	2	60	50
1	15	15	5	1.3	2	82	36
1	15	15	10	0.9	2	93	82
1	15	15	15	0.7	3	69	55
1	15	15	20	1.1	1	56	47
1	15	15	25	1.0	3	52	39
1	15	15	30	0.6	2	3	52
1	15	15	35	0.6	2	76	65
1	15	15	40	0.9	3	66	48
1	15	15	45	0.7	1	80	58
1	15	15	50	0.8	2	40	65
1	15	15	55	0.8	2	44	51
1	15	16	0	0.9	0	32	57
1	15	16	5	0.9	3	23	41
1	15	16	10	1.4	2	65	40
1	15	16	15	1.1	3	55	42
1	15	16	20	0.8	3	65	40
1	15	16	25	1.0	1	77	56
1	15	16	30	1.0	1	85	35
1	15	16	35	1.0	1	66	36
1	15	16	40	1.1	1	50	43
1	15	16	45	1.1	1	71	41
1	15	16	50	1.0	2	64	61
1	15	16	55	0.7	2	55	44
1	15	17	0	1.3	3	71	34
1	15	17	5	1.1	3	81	53
1	15	17	10	0.7	2	81	58
1	15	17	15	0.8	1	73	37
1	15	17	20	0.7	1	124	55
1	15	17	25	0.3	1	130	43
1	15	17	30	0.7	1	120	48
1	15	17	35	0.5	1	151	48
1	15	17	40	0.6	1	135	82
1	15	17	45	0.7	1	113	43
1	15	17	50	0.8	0	107	25
1	15	17	55	0.5	2	127	83
1	15	18	0	0.8	1	332	64
1	15	18	5	0.7	1	356	60
1	15	18	10	1.0	2	31	74
1	15	18	15	0.8	3	355	45
1	15	18	20	0.9	2	357	70
1	15	18	25	1.0	1	346	60
1	15	18	30	0.8	2	0	61
1	15	18	35	1.7	3	10	51
1	15	18	40	0.7	2	336	52
1	15	18	45	0.8	1	27	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)
1	15	18	50	1.1	2	11	46
1	15	18	55	0.7	1	45	60
1	15	19	0	0.9	0	25	68
1	15	19	5	0.8	2	36	70
1	15	19	10	1.2	2	6	49
1	15	19	15	1.0	3	5	45
1	15	19	20	0.9	2	341	65
1	15	19	25	1.3	2	3	42
1	15	19	30	0.3	1	171	75
1	15	19	35	0.5	3	18	81
1	15	19	40	0.6	1	22	82
1	15	19	45	0.8	1	1	81
1	15	19	50	0.2	0	9	91
1	15	19	55	0.3	1	57	77
1	15	20	0	0.2	1	284	73
1	15	20	5	0.9	3	11	35
1	15	20	10	0.5	1	39	46
1	15	20	15	0.5	1	7	54
1	15	20	20	0.7	1	355	61
1	15	20	25	0.7	2	344	50
1	15	20	30	1.0	2	20	53
1	15	20	35	0.4	0	324	57
1	15	20	40	0.3	1	247	87
1	15	20	45	0.4	2	356	72
1	15	20	50	0.7	1	27	81
1	15	20	55	1.0	3	27	50
1	15	21	0	1.4	3	353	57
1	15	21	5	1.0	3	357	61
1	15	21	10	0.9	1	356	46
1	15	21	15	0.4	0	248	70
1	15	21	20	0.5	2	232	78
1	15	21	25	0.3	0	258	52
1	15	21	30	0.3	1	223	18
1	15	21	35	0.2	0	199	23
1	15	21	40	0.2	0	182	29
1	15	21	45	0.1	0	157	42
1	15	21	50	0.1	0	148	20
1	15	21	55	0.3	0	170	20
1	15	22	0	0.1	1	187	16
1	15	22	5	0.3	1	196	10
1	15	22	10	0.6	1	214	19
1	15	22	15	0.6	1	236	16
1	15	22	20	0.4	0	218	17
1	15	22	25	0.4	0	224	37
1	15	22	30	0.0	0	148	24
1	15	22	35	0.2	0	174	35
1	15	22	40	0.5	0	194	9
1	15	22	45	0.6	1	200	8
1	15	22	50	0.6	1	203	14
1	15	22	55	0.4	1	210	15
1	15	23	0	0.8	2	210	20
1	15	23	5	0.9	1	210	17
1	15	23	10	0.9	1	198	16
1	15	23	15	0.6	1	204	18
1	15	23	20	0.4	1	234	32
1	15	23	25	0.1	1	156	36
1	15	23	30	0.1	1	141	24
1	15	23	35	0.7	2	347	62
1	15	23	40	0.2	0	352	76
1	15	23	45	0.1	1	248	62
1	15	23	50	0.1	1	173	25
1	15	23	55	0.3	0	205	61
1	16	0	0	0.4	1	225	34
1	16	0	5	0.2	1	358	100
1	16	0	10	1.0	2	29	45
1	16	0	15	0.6	1	92	53
1	16	0	20	0.9	1	88	71
1	16	0	25	1.2	4	78	51
1	16	0	30	0.8	2	62	52
1	16	0	35	0.7	1	3	69
1	16	0	40	0.5	1	10	72
1	16	0	45	0.1	0	294	65
1	16	0	50	0.6	1	271	68
1	16	0	55	0.3	1	347	51
1	16	1	0	0.4	1	99	91
1	16	1	5	0.9	3	64	61
1	16	1	10	0.9	1	15	71
1	16	1	15	1.1	3	359	71
1	16	1	20	1.3	2	39	53
1	16	1	25	0.7	1	69	58
1	16	1	30	0.7	1	19	56
1	16	1	35	0.6	2	310	61
1	16	1	40	0.7	2	344	84
1	16	1	45	1.2	2	284	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)
1	16	1	50	1.1	3	279	60
1	16	1	55	1.0	3	358	76
1	16	2	0	0.7	1	62	94
1	16	2	5	0.5	2	105	86
1	16	2	10	0.8	3	86	54
1	16	2	15	0.8	1	84	40
1	16	2	20	0.3	1	113	81
1	16	2	25	0.6	2	341	62
1	16	2	30	1.1	2	350	43
1	16	2	35	1.1	1	3	42
1	16	2	40	0.8	2	349	38
1	16	2	45	0.8	2	355	51
1	16	2	50	0.8	2	337	81
1	16	2	55	0.9	1	358	60
1	16	3	0	0.8	2	200	92
1	16	3	5	1.1	2	235	30
1	16	3	10	1.3	3	241	22
1	16	3	15	0.7	2	279	87
1	16	3	20	1.1	1	3	47
1	16	3	25	0.7	1	334	48
1	16	3	30	0.7	2	294	57
1	16	3	35	0.6	1	224	20
1	16	3	40	0.3	1	245	33
1	16	3	45	0.5	1	260	25
1	16	3	50	0.6	1	223	16
1	16	3	55	1.0	2	248	15
1	16	4	0	0.5	1	231	19
1	16	4	5	0.8	1	243	14
1	16	4	10	0.8	1	238	19
1	16	4	15	0.7	1	241	21
1	16	4	20	0.5	1	238	28
1	16	4	25	0.4	1	224	18
1	16	4	30	0.6	1	224	18
1	16	4	35	0.5	1	215	21
1	16	4	40	0.4	0	197	30
1	16	4	45	0.3	0	226	20
1	16	4	50	0.4	1	239	20
1	16	4	55	0.6	1	211	17
1	16	5	0	0.5	1	209	18
1	16	5	5	0.5	1	213	12
1	16	5	10	0.2	0	211	8
1	16	5	15	0.4	1	221	19
1	16	5	20	0.5	0	223	17
1	16	5	25	0.4	1	228	13
1	16	5	30	0.4	1	224	21
1	16	5	35	0.4	0	242	13
1	16	5	40	0.3	1	228	17
1	16	5	45	0.4	1	232	19
1	16	5	50	0.2	0	240	23
1	16	5	55	0.4	1	249	14
1	16	6	0	0.6	1	245	15
1	16	6	5	0.8	2	252	14
1	16	6	10	0.9	2	263	19
1	16	6	15	0.4	1	280	29
1	16	6	20	1.1	1	258	21
1	16	6	25	0.8	1	251	23
1	16	6	30	0.7	1	264	12
1	16	6	35	0.7	1	259	20
1	16	6	40	0.3	0	243	27
1	16	6	45	0.3	1	280	41
1	16	6	50	0.5	0	250	25
1	16	6	55	0.6	1	225	20
1	16	7	0	0.7	1	216	18
1	16	7	5	0.7	1	220	24
1	16	7	10	0.7	1	215	15
1	16	7	15	0.5	1	236	24
1	16	7	20	0.6	1	238	26
1	16	7	25	0.6	1	243	21
1	16	7	30	0.5	1	245	21
1	16	7	35	0.8	1	233	22
1	16	7	40	0.7	1	223	18
1	16	7	45	0.7	1	222	21
1	16	7	50	0.7	1	208	21
1	16	7	55	0.6	1	218	23
1	16	8	0	0.4	1	280	51
1	16	8	5	0.2	0	297	46
1	16	8	10	0.4	1	334	25
1	16	8	15	0.5	1	351	30
1	16	8	20	0.2	0	335	42
1	16	8	25	0.3	1	331	38
1	16	8	30	0.3	0	294	52
1	16	8	35	0.3	1	357	30
1	16	8	40	0.2	0	326	67
1	16	8	45	0.9	2	287	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)
1	16	8	50	0.6	1	292	39
1	16	8	55	0.7	1	278	38
1	16	9	0	0.6	1	238	47
1	16	9	5	0.4	1	204	31
1	16	9	10	0.8	1	212	20
1	16	9	15	0.3	0	186	26
1	16	9	20	0.1	0	179	73
1	16	9	25	0.5	1	196	24
1	16	9	30	0.3	1	177	22
1	16	9	35	0.2	0	129	28
1	16	9	40	0.0	0	146	46
1	16	9	45	0.4	1	220	34
1	16	9	50	0.9	2	210	19
1	16	9	55	0.3	1	214	57
1	16	10	0	0.6	1	333	48
1	16	10	5	0.2	1	64	73
1	16	10	10	0.7	1	31	46
1	16	10	15	1.1	2	15	34
1	16	10	20	1.0	1	29	37
1	16	10	25	0.4	1	343	34
1	16	10	30	0.8	2	25	39
1	16	10	35	1.2	2	31	36
1	16	10	40	0.7	1	16	68
1	16	10	45	0.3	0	226	80
1	16	10	50	0.6	2	358	36
1	16	10	55	0.5	1	10	64
1	16	11	0	0.5	2	350	54
1	16	11	5	1.1	2	27	48
1	16	11	10	1.0	2	349	26
1	16	11	15	1.0	2	342	26
1	16	11	20	0.8	2	353	42
1	16	11	25	1.2	1	11	48
1	16	11	30	0.8	1	332	46
1	16	11	35	1.0	2	3	39
1	16	11	40	0.6	1	73	48
1	16	11	45	0.6	2	92	54
1	16	11	50	0.8	2	10	55
1	16	11	55	0.7	1	355	29
1	16	12	0	0.9	1	355	35
1	16	12	5	0.9	2	48	55
1	16	12	10	0.9	2	60	51
1	16	12	15	1.1	2	75	49
1	16	12	20	1.0	1	65	43
1	16	12	25	1.2	2	30	35
1	16	12	30	1.3	3	34	38
1	16	12	35	1.7	3	34	30
1	16	12	40	1.1	3	14	40
1	16	12	45	1.5	2	17	27
1	16	12	50	0.6	1	338	60
1	16	12	55	0.8	1	359	39
1	16	13	0	0.8	1	345	47
1	16	13	5	0.8	2	323	47
1	16	13	10	0.6	1	338	58
1	16	13	15	0.5	1	357	48
1	16	13	20	0.7	1	316	67
1	16	13	25	0.6	1	11	45
1	16	13	30	0.6	1	295	81
1	16	13	35	0.8	1	339	74
1	16	13	40	1.0	2	2	33
1	16	13	45	1.0	1	3	37
1	16	13	50	1.0	2	23	56
1	16	13	55	0.9	2	344	32
1	16	14	0	0.7	1	343	27
1	16	14	5	1.3	2	27	45
1	16	14	10	0.9	2	60	50
1	16	14	15	0.6	0	66	53
1	16	14	20	1.0	1	23	29
1	16	14	25	0.8	2	4	50
1	16	14	30	0.9	1	313	39
1	16	14	35	0.5	2	348	58
1	16	14	40	0.5	0	20	87
1	16	14	45	0.3	1	342	76
1	16	14	50	0.9	1	251	40
1	16	14	55	0.4	1	353	40
1	16	15	0	0.6	1	349	33
1	16	15	5	1.0	1	359	28
1	16	15	10	0.9	1	335	29
1	16	15	15	0.7	1	1	34
1	16	15	20	0.7	2	2	31
1	16	15	25	0.7	1	358	37
1	16	15	30	0.9	1	342	24
1	16	15	35	0.6	1	358	42
1	16	15	40	0.6	1	358	27
1	16	15	45	0.6	1	2	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)
1	16	15	50	0.5	1	0	35
1	16	15	55	0.4	1	1	56
1	16	16	0	0.5	1	345	53
1	16	16	5	0.6	2	344	26
1	16	16	10	1.0	2	8	26
1	16	16	15	1.0	2	4	19
1	16	16	20	0.9	2	350	24
1	16	16	25	0.8	1	2	39
1	16	16	30	0.7	2	6	45
1	16	16	35	1.0	2	5	31
1	16	16	40	1.1	2	358	29
1	16	16	45	1.4	2	353	22
1	16	16	50	1.3	3	347	25
1	16	16	55	1.3	1	341	31
1	16	17	0	0.3	1	335	69
1	16	17	5	0.6	1	302	63
1	16	17	10	1.1	3	349	25
1	16	17	15	1.2	2	344	24
1	16	17	20	1.0	2	344	25
1	16	17	25	0.3	0	332	54
1	16	17	30	0.2	0	199	47
1	16	17	35	0.0	0	193	30
1	16	17	40	0.1	0	156	25
1	16	17	45	0.1	0	177	54
1	16	17	50	0.2	1	252	41
1	16	17	55	0.4	1	211	16
1	16	18	0	0.3	0	190	14
1	16	18	5	0.0	0	176	21
1	16	18	10	0.2	1	180	22
1	16	18	15	0.4	0	224	17
1	16	18	20	0.3	1	208	22
1	16	18	25	0.4	1	213	16
1	16	18	30	0.2	0	246	77
1	16	18	35	0.5	1	211	23
1	16	18	40	0.5	0	204	23
1	16	18	45	0.5	1	204	18
1	16	18	50	0.5	1	209	13
1	16	18	55	0.7	1	223	19
1	16	19	0	0.6	1	217	18
1	16	19	5	0.5	1	213	19
1	16	19	10	0.6	1	212	15
1	16	19	15	0.5	1	224	21
1	16	19	20	0.6	1	222	21
1	16	19	25	0.5	1	212	24
1	16	19	30	0.4	1	214	20
1	16	19	35	0.4	0	213	15
1	16	19	40	0.2	1	210	17
1	16	19	45	0.5	1	216	18
1	16	19	50	0.6	1	218	17
1	16	19	55	0.5	1	228	20
1	16	20	0	0.6	1	223	19
1	16	20	5	0.4	1	217	19
1	16	20	10	0.5	1	221	15
1	16	20	15	0.5	1	224	20
1	16	20	20	0.4	1	219	14
1	16	20	25	0.5	1	222	17
1	16	20	30	0.4	1	225	21
1	16	20	35	0.5	1	224	16
1	16	20	40	0.1	0	235	33
1	16	20	45	0.3	1	232	22
1	16	20	50	0.4	1	212	21
1	16	20	55	0.3	0	218	16
1	16	21	0	0.6	1	211	16
1	16	21	5	0.4	1	216	20
1	16	21	10	0.4	1	219	18
1	16	21	15	0.3	1	228	22
1	16	21	20	0.1	0	231	18
1	16	21	25	0.1	0	211	9
1	16	21	30	0.1	0	219	17
1	16	21	35	0.5	1	222	18
1	16	21	40	0.3	1	235	17
1	16	21	45	0.5	1	239	22
1	16	21	50	0.1	0	228	21
1	16	21	55	0.5	1	220	17
1	16	22	0	0.4	1	228	20
1	16	22	5	0.2	1	212	11
1	16	22	10	0.5	1	217	21
1	16	22	15	0.2	0	240	24
1	16	22	20	0.4	1	218	14
1	16	22	25	0.4	1	217	16
1	16	22	30	0.6	1	233	17
1	16	22	35	0.6	1	226	19
1	16	22	40	0.3	1	224	23
1	16	22	45	0.4	1	225	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)
1	16	22	50	0.5	1	219	15
1	16	22	55	0.4	1	227	25
1	16	23	0	0.1	1	184	50
1	16	23	5	0.2	1	212	31
1	16	23	10	0.2	0	202	12
1	16	23	15	0.0	0	201	55
1	16	23	20	0.2	1	174	28
1	16	23	25	0.1	0	226	31
1	16	23	30	0.0	0	212	29
1	16	23	35	0.0	0	150	26
1	16	23	40	0.0	0	182	34
1	16	23	45	0.0	0	206	10
1	16	23	50	0.2	1	196	13
1	16	23	55	0.2	0	209	16
1	17	0	0	0.1	0	200	13
1	17	0	5	0.1	0	203	10
1	17	0	10	0.2	0	189	8
1	17	0	15	0.0	0	188	6
1	17	0	20	0.3	0	194	6
1	17	0	25	0.0	0	170	40
1	17	0	30	0.3	0	211	11
1	17	0	35	0.2	0	216	18
1	17	0	40	0.0	0	200	16
1	17	0	45	0.0	0	206	9
1	17	0	50	0.2	0	198	9
1	17	0	55	0.3	1	206	11
1	17	1	0	0.1	0	202	6
1	17	1	5	0.1	0	202	6
1	17	1	10	0.0	0	166	14
1	17	1	15	0.2	0	188	20
1	17	1	20	0.2	0	202	13
1	17	1	25	0.2	0	201	16
1	17	1	30	0.0	0	162	21
1	17	1	35	0.0	0	160	52
1	17	1	40	0.1	0	170	53
1	17	1	45	0.1	0	193	4
1	17	1	50	0.3	0	199	7
1	17	1	55	0.0	0	187	23
1	17	2	0	0.3	0	194	14
1	17	2	5	0.1	0	204	12
1	17	2	10	0.1	0	206	6
1	17	2	15	0.0	0	198	5
1	17	2	20	0.0	0	182	21
1	17	2	25	0.0	0	145	4
1	17	2	30	0.0	0	167	23
1	17	2	35	0.1	0	189	5
1	17	2	40	0.1	0	197	8
1	17	2	45	0.2	1	182	16
1	17	2	50	0.2	0	203	8
1	17	2	55	0.0	0	214	10
1	17	3	0	0.2	0	208	9
1	17	3	5	0.1	0	192	10
1	17	3	10	0.0	0	192	18
1	17	3	15	0.1	0	205	11
1	17	3	20	0.0	0	125	22
1	17	3	25	0.1	0	122	10
1	17	3	30	0.0	0	154	29
1	17	3	35	0.3	0	212	10
1	17	3	40	0.1	0	189	32
1	17	3	45	0.0	0	175	9
1	17	3	50	0.0	0	168	17
1	17	3	55	0.1	1	193	12
1	17	4	0	0.1	0	189	8
1	17	4	5	0.0	0	193	4
1	17	4	10	0.1	0	201	11
1	17	4	15	0.1	0	195	12
1	17	4	20	0.1	0	175	24
1	17	4	25	0.0	0	164	23
1	17	4	30	0.0	0	172	23
1	17	4	35	0.2	0	202	11
1	17	4	40	0.1	0	206	12
1	17	4	45	0.1	0	193	6
1	17	4	50	0.0	0	190	31
1	17	4	55	0.1	0	187	38
1	17	5	0	0.0	0	189	22
1	17	5	5	0.1	0	177	45
1	17	5	10	0.0	0	118	4
1	17	5	15	0.0	0	175	18
1	17	5	20	0.1	0	204	5
1	17	5	25	0.0	0	186	26
1	17	5	30	0.1	0	189	20
1	17	5	35	0.1	0	202	8
1	17	5	40	0.2	0	213	5
1	17	5	45	0.0	0	168	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)
1	17	5	50	0.1	0	167	35
1	17	5	55	0.0	0	199	26
1	17	6	0	0.3	1	205	12
1	17	6	5	0.1	0	185	18
1	17	6	10	0.1	0	201	18
1	17	6	15	0.1	0	196	10
1	17	6	20	0.0	0	162	31
1	17	6	25	0.0	0	189	31
1	17	6	30	0.0	0	180	51
1	17	6	35	0.1	0	199	23
1	17	6	40	0.1	0	188	10
1	17	6	45	0.2	0	186	23
1	17	6	50	0.0	0	160	34
1	17	6	55	0.2	1	225	21
1	17	7	0	0.1	0	167	20
1	17	7	5	0.2	0	185	13
1	17	7	10	0.2	1	186	14
1	17	7	15	0.1	0	209	12
1	17	7	20	0.3	1	201	8
1	17	7	25	0.1	1	218	7
1	17	7	30	0.1	0	167	34
1	17	7	35	0.1	0	144	11
1	17	7	40	0.1	0	135	18
1	17	7	45	0.1	0	135	40
1	17	7	50	0.0	0	191	8
1	17	7	55	0.1	0	219	21
1	17	8	0	0.1	0	212	7
1	17	8	5	0.1	0	210	15
1	17	8	10	0.1	0	180	11
1	17	8	15	0.3	2	14	94
1	17	8	20	0.3	0	26	25
1	17	8	25	0.1	0	15	34
1	17	8	30	0.3	1	343	32
1	17	8	35	0.4	0	5	39
1	17	8	40	0.3	0	12	53
1	17	8	45	0.4	1	332	28
1	17	8	50	0.2	1	349	40
1	17	8	55	0.3	1	355	28
1	17	9	0	0.5	1	344	22
1	17	9	5	0.4	1	354	34
1	17	9	10	0.4	1	347	35
1	17	9	15	0.5	1	339	20
1	17	9	20	0.7	1	16	28
1	17	9	25	0.7	1	340	30
1	17	9	30	0.5	2	353	22
1	17	9	35	0.7	2	7	35
1	17	9	40	0.7	1	339	32
1	17	9	45	1.0	2	353	23
1	17	9	50	0.8	1	346	28
1	17	9	55	1.0	2	9	27
1	17	10	0	1.0	2	37	34
1	17	10	5	1.2	2	11	27
1	17	10	10	0.7	1	17	35
1	17	10	15	0.4	1	34	56
1	17	10	20	0.4	1	188	76
1	17	10	25	0.6	1	318	51
1	17	10	30	0.4	0	202	90
1	17	10	35	0.4	1	177	93
1	17	10	40	0.3	1	350	65
1	17	10	45	0.6	1	356	83
1	17	10	50	0.8	2	244	35
1	17	10	55	0.7	1	10	33
1	17	11	0	0.6	1	359	60
1	17	11	5	0.4	1	346	47
1	17	11	10	0.7	1	225	63
1	17	11	15	0.5	1	260	62
1	17	11	20	0.6	3	358	59
1	17	11	25	1.0	2	28	51
1	17	11	30	1.1	2	11	34
1	17	11	35	0.4	1	131	94
1	17	11	40	0.7	2	32	63
1	17	11	45	0.8	2	303	68
1	17	11	50	0.6	1	261	83
1	17	11	55	0.7	2	5	31
1	17	12	0	0.9	1	343	55
1	17	12	5	0.6	2	282	59
1	17	12	10	0.7	1	317	36
1	17	12	15	0.4	1	94	66
1	17	12	20	0.7	1	4	51
1	17	12	25	0.5	1	296	68
1	17	12	30	0.4	2	31	57
1	17	12	35	0.7	1	17	71
1	17	12	40	0.9	2	321	65
1	17	12	45	0.7	2	247	58

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)
1	17	12	50	0.7	1	331	44
1	17	12	55	1.1	2	353	28
1	17	13	0	0.7	1	336	52
1	17	13	5	0.6	2	357	42
1	17	13	10	0.9	1	333	43
1	17	13	15	0.6	2	254	39
1	17	13	20	0.7	1	358	33
1	17	13	25	0.6	0	6	55
1	17	13	30	0.6	2	268	41
1	17	13	35	0.8	1	329	65
1	17	13	40	0.6	1	227	78
1	17	13	45	0.3	2	283	74
1	17	13	50	0.4	0	9	72
1	17	13	55	0.6	2	169	75
1	17	14	0	0.4	1	340	74
1	17	14	5	1.0	2	267	30
1	17	14	10	0.8	1	290	30
1	17	14	15	1.1	1	10	35
1	17	14	20	0.8	1	330	79
1	17	14	25	0.2	1	219	66
1	17	14	30	0.8	3	338	68
1	17	14	35	1.0	2	315	61
1	17	14	40	0.5	0	176	80
1	17	14	45	0.5	2	129	77
1	17	14	50	0.7	1	283	49
1	17	14	55	0.5	1	347	51
1	17	15	0	0.6	1	359	66
1	17	15	5	0.6	1	250	56
1	17	15	10	0.2	1	150	70
1	17	15	15	1.5	3	3	29
1	17	15	20	0.4	1	304	76
1	17	15	25	0.4	1	8	71
1	17	15	30	0.7	2	90	62
1	17	15	35	0.9	2	43	33
1	17	15	40	0.8	2	51	40
1	17	15	45	1.1	2	345	40
1	17	15	50	0.9	1	354	63
1	17	15	55	0.3	1	4	75
1	17	16	0	0.9	3	28	74
1	17	16	5	1.2	3	336	38
1	17	16	10	0.7	2	4	76
1	17	16	15	0.9	2	70	60
1	17	16	20	0.9	3	12	70
1	17	16	25	0.5	2	48	60
1	17	16	30	0.6	1	109	89
1	17	16	35	0.9	1	65	55
1	17	16	40	0.4	1	74	62
1	17	16	45	0.8	2	50	55
1	17	16	50	0.5	1	319	65
1	17	16	55	0.8	3	99	88
1	17	17	0	1.0	2	353	57
1	17	17	5	0.8	2	333	45
1	17	17	10	1.3	3	342	59
1	17	17	15	0.8	2	317	46
1	17	17	20	1.1	3	359	59
1	17	17	25	0.6	1	12	60
1	17	17	30	0.9	1	343	37
1	17	17	35	1.2	3	291	42
1	17	17	40	0.9	1	224	36
1	17	17	45	0.9	1	207	25
1	17	17	50	1.0	2	223	24
1	17	17	55	1.0	2	209	27
1	17	18	0	0.9	1	217	18
1	17	18	5	1.2	2	217	21
1	17	18	10	0.6	2	215	22
1	17	18	15	0.9	2	214	38
1	17	18	20	1.0	2	221	24
1	17	18	25	0.6	1	228	69
1	17	18	30	1.2	2	231	24
1	17	18	35	1.4	2	227	22
1	17	18	40	1.2	1	219	24
1	17	18	45	0.7	1	225	27
1	17	18	50	1.2	3	225	29
1	17	18	55	1.3	3	227	27
1	17	19	0	1.3	2	222	22
1	17	19	5	1.0	2	230	27
1	17	19	10	1.5	2	234	23
1	17	19	15	1.0	3	238	26
1	17	19	20	1.2	1	224	29
1	17	19	25	1.4	3	234	31
1	17	19	30	1.4	3	217	19
1	17	19	35	1.3	2	234	43
1	17	19	40	1.3	2	218	18
1	17	19	45	0.9	2	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)
1	17	19	50	1.2	3	229	20
1	17	19	55	1.3	2	223	23
1	17	20	0	1.2	2	218	20
1	17	20	5	0.9	2	229	24
1	17	20	10	0.8	2	237	24
1	17	20	15	0.9	3	230	25
1	17	20	20	1.0	2	223	23
1	17	20	25	1.1	1	229	25
1	17	20	30	1.0	2	227	26
1	17	20	35	0.7	1	223	23
1	17	20	40	0.6	1	215	20
1	17	20	45	0.9	1	241	35
1	17	20	50	0.9	2	214	17
1	17	20	55	1.1	1	233	26
1	17	21	0	0.8	1	220	20
1	17	21	5	0.8	2	224	24
1	17	21	10	0.7	1	227	19
1	17	21	15	0.6	1	223	19
1	17	21	20	0.8	1	219	17
1	17	21	25	0.6	1	221	19
1	17	21	30	0.8	2	243	25
1	17	21	35	0.9	1	222	23
1	17	21	40	0.6	1	230	20
1	17	21	45	0.6	1	230	26
1	17	21	50	0.9	2	230	26
1	17	21	55	0.9	1	218	17
1	17	22	0	0.7	1	225	20
1	17	22	5	0.9	1	232	24
1	17	22	10	0.6	1	221	23
1	17	22	15	0.8	1	221	19
1	17	22	20	1.0	3	224	20
1	17	22	25	0.9	2	238	32
1	17	22	30	1.0	2	225	35
1	17	22	35	1.2	1	239	28
1	17	22	40	1.3	1	230	19
1	17	22	45	1.0	1	226	19
1	17	22	50	1.1	3	243	27
1	17	22	55	0.8	2	219	29
1	17	23	0	0.7	2	246	21
1	17	23	5	0.1	0	169	52
1	17	23	10	0.3	1	184	63
1	17	23	15	0.5	1	222	47
1	17	23	20	0.7	2	231	27
1	17	23	25	0.4	2	234	34
1	17	23	30	0.6	1	233	22
1	17	23	35	0.5	1	213	16
1	17	23	40	0.3	1	206	15
1	17	23	45	0.5	0	224	19
1	17	23	50	1.0	1	238	29
1	17	23	55	0.4	1	240	67
1	18	0	0	0.2	1	297	60
1	18	0	5	0.1	0	202	53
1	18	0	10	0.3	1	202	82
1	18	0	15	0.1	1	152	81
1	18	0	20	0.4	1	232	86
1	18	0	25	0.5	1	266	53
1	18	0	30	0.7	1	234	17
1	18	0	35	0.1	0	137	58
1	18	0	40	0.2	1	193	73
1	18	0	45	0.2	0	234	27
1	18	0	50	0.2	1	226	61
1	18	0	55	0.4	1	227	22
1	18	1	0	0.3	1	240	56
1	18	1	5	0.5	2	220	28
1	18	1	10	0.2	0	187	33
1	18	1	15	0.1	1	199	70
1	18	1	20	0.3	0	220	19
1	18	1	25	0.3	1	238	26
1	18	1	30	0.1	1	234	23
1	18	1	35	0.1	0	223	22
1	18	1	40	0.2	1	239	32
1	18	1	45	0.3	1	227	60
1	18	1	50	0.2	0	2	15
1	18	1	55	0.3	0	219	71
1	18	2	0	0.1	0	11	41
1	18	2	5	0.2	1	196	24
1	18	2	10	0.0	0	222	98
1	18	2	15	0.2	0	122	21
1	18	2	20	0.0	0	229	57
1	18	2	25	0.1	0	190	5
1	18	2	30	0.2	0	196	43
1	18	2	35	0.2	0	72	58
1	18	2	40	0.0	0	207	39
1	18	2	45	0.2	1	55	95

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)
1	18	2	50	0.2	0	108	66
1	18	2	55	0.0	0	268	9
1	18	3	0	0.2	1	169	54
1	18	3	5	0.2	0	188	24
1	18	3	10	0.1	0	179	49
1	18	3	15	0.2	0	209	23
1	18	3	20	0.0	0	66	31
1	18	3	25	0.1	0	167	91
1	18	3	30	0.2	0	204	10
1	18	3	35	0.4	0	202	11
1	18	3	40	0.1	0	88	79
1	18	3	45	0.1	1	47	34
1	18	3	50	0.0	0	150	47
1	18	3	55	0.0	0	203	12
1	18	4	0	0.0	0	180	8
1	18	4	5	0.2	0	198	5
1	18	4	10	0.2	1	200	4
1	18	4	15	0.2	0	200	11
1	18	4	20	0.0	0	187	12
1	18	4	25	0.0	0	135	25
1	18	4	30	0.0	0	137	44
1	18	4	35	0.0	0	201	0
1	18	4	40	0.0	0	180	27
1	18	4	45	0.0	0	178	42
1	18	4	50	0.0	0	176	27
1	18	4	55	0.0	0	64	79
1	18	5	0	0.2	1	231	27
1	18	5	5	0.3	1	208	14
1	18	5	10	0.5	0	215	20
1	18	5	15	0.2	0	159	31
1	18	5	20	0.2	1	105	31
1	18	5	25	0.4	1	47	44
1	18	5	30	0.0	0	177	45
1	18	5	35	0.1	0	204	7
1	18	5	40	0.0	0	174	7
1	18	5	45	0.0	1	57	44
1	18	5	50	0.4	0	206	4
1	18	5	55	0.1	0	194	12
1	18	6	0	0.0	0	105	31
1	18	6	5	0.0	0	209	0
1	18	6	10	0.0	0	207	3
1	18	6	15	0.0	0	188	22
1	18	6	20	0.1	0	49	26
1	18	6	25	0.1	0	190	61
1	18	6	30	0.0	0	205	1
1	18	6	35	0.0	0	189	4
1	18	6	40	0.0	0	193	7
1	18	6	45	0.0	0	199	3
1	18	6	50	0.0	0	173	9
1	18	6	55	0.1	0	196	7
1	18	7	0	0.1	0	185	11
1	18	7	5	0.0	0	104	31
1	18	7	10	0.3	0	190	24
1	18	7	15	0.2	0	194	5
1	18	7	20	0.0	0	191	14
1	18	7	25	0.0	0	135	1
1	18	7	30	0.0	0	122	4
1	18	7	35	0.0	0	140	9
1	18	7	40	0.0	0	150	5
1	18	7	45	0.1	0	178	14
1	18	7	50	0.0	0	195	1
1	18	7	55	0.0	0	195	1
1	18	8	0	0.0	0	198	30
1	18	8	5	0.0	0	280	17
1	18	8	10	0.0	0	16	98
1	18	8	15	0.2	1	31	24
1	18	8	20	0.2	0	356	27
1	18	8	25	0.1	0	353	20
1	18	8	30	0.3	0	22	37
1	18	8	35	0.2	0	359	31
1	18	8	40	0.4	1	10	34
1	18	8	45	0.1	1	354	26
1	18	8	50	0.1	0	22	39
1	18	8	55	0.3	1	20	34
1	18	9	0	0.3	1	345	42
1	18	9	5	0.2	0	351	32
1	18	9	10	0.0	0	355	33
1	18	9	15	0.0	0	353	46
1	18	9	20	0.5	1	16	19
1	18	9	25	0.4	1	14	29
1	18	9	30	0.6	1	7	42
1	18	9	35	0.3	1	2	50
1	18	9	40	0.4	1	352	22
1	18	9	45	0.5	2	0	82

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)
1	18	9	50	0.6	1	341	55
1	18	9	55	0.7	1	11	36
1	18	10	0	0.5	2	21	67
1	18	10	5	0.7	1	333	89
1	18	10	10	0.8	3	345	75
1	18	10	15	1.9	5	344	35
1	18	10	20	1.3	2	342	32
1	18	10	25	0.8	2	294	91
1	18	10	30	1.2	3	356	52
1	18	10	35	1.2	2	14	55
1	18	10	40	1.3	1	352	61
1	18	10	45	1.6	3	1	49
1	18	10	50	1.2	2	359	60
1	18	10	55	2.1	4	350	45
1	18	11	0	1.9	3	342	44
1	18	11	5	1.4	3	5	56
1	18	11	10	1.2	2	359	50
1	18	11	15	1.2	3	358	45
1	18	11	20	1.4	3	355	61
1	18	11	25	2.5	6	338	26
1	18	11	30	2.0	4	0	42
1	18	11	35	2.0	4	8	37
1	18	11	40	1.2	2	359	52
1	18	11	45	0.9	2	351	71
1	18	11	50	2.0	3	0	48
1	18	11	55	1.8	3	345	55
1	18	12	0	1.9	2	350	41
1	18	12	5	0.9	4	357	67
1	18	12	10	1.7	3	351	45
1	18	12	15	1.9	3	331	48
1	18	12	20	1.7	3	351	35
1	18	12	25	1.7	3	339	47
1	18	12	30	1.0	2	335	74
1	18	12	35	1.2	3	13	60
1	18	12	40	1.2	3	346	46
1	18	12	45	1.2	2	336	46
1	18	12	50	1.0	3	345	50
1	18	12	55	1.3	3	1	45
1	18	13	0	1.8	3	346	40
1	18	13	5	1.5	3	341	47
1	18	13	10	1.9	3	334	26
1	18	13	15	1.6	2	347	46
1	18	13	20	1.2	4	336	40
1	18	13	25	1.3	1	335	51
1	18	13	30	0.9	1	346	62
1	18	13	35	1.2	3	332	38
1	18	13	40	1.2	3	340	46
1	18	13	45	1.2	3	334	32
1	18	13	50	1.9	3	327	22
1	18	13	55	2.0	3	339	31
1	18	14	0	2.0	4	330	31
1	18	14	5	1.9	4	328	36
1	18	14	10	1.8	2	5	40
1	18	14	15	1.2	2	352	33
1	18	14	20	1.0	1	343	67
1	18	14	25	1.1	3	7	67
1	18	14	30	1.6	3	64	46
1	18	14	35	1.1	4	47	65
1	18	14	40	1.5	3	0	40
1	18	14	45	1.9	2	349	33
1	18	14	50	1.0	2	18	58
1	18	14	55	0.7	1	19	51
1	18	15	0	1.2	2	53	49
1	18	15	5	1.2	3	359	36
1	18	15	10	1.0	2	357	40
1	18	15	15	1.2	2	352	37
1	18	15	20	0.9	2	10	74
1	18	15	25	1.1	2	346	40
1	18	15	30	1.0	3	41	64
1	18	15	35	0.8	2	56	52
1	18	15	40	1.4	2	66	38
1	18	15	45	1.2	2	65	48
1	18	15	50	1.1	4	63	59
1	18	15	55	1.0	2	80	46
1	18	16	0	1.4	3	93	41
1	18	16	5	1.4	3	88	44
1	18	16	10	0.9	1	80	38
1	18	16	15	0.8	2	106	38
1	18	16	20	1.0	3	75	45
1	18	16	25	1.1	2	76	45
1	18	16	30	0.8	2	89	55
1	18	16	35	0.6	1	119	56
1	18	16	40	0.4	1	102	40
1	18	16	45	0.7	2	64	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)
1	18	16	50	0.9	2	95	61
1	18	16	55	0.5	1	102	51
1	18	17	0	0.5	1	100	52
1	18	17	5	0.6	1	109	33
1	18	17	10	0.7	3	98	44
1	18	17	15	1.2	3	87	34
1	18	17	20	0.6	1	110	27
1	18	17	25	0.6	2	116	24
1	18	17	30	0.6	1	112	25
1	18	17	35	0.4	0	90	77
1	18	17	40	0.4	1	326	37
1	18	17	45	0.3	1	199	37
1	18	17	50	0.5	1	213	21
1	18	17	55	0.9	2	221	24
1	18	18	0	0.6	1	209	16
1	18	18	5	0.6	1	213	22
1	18	18	10	0.7	1	223	21
1	18	18	15	0.6	1	221	21
1	18	18	20	0.5	1	218	26
1	18	18	25	0.7	2	219	21
1	18	18	30	0.7	1	218	27
1	18	18	35	0.7	1	210	14
1	18	18	40	0.5	2	223	21
1	18	18	45	0.7	1	222	20
1	18	18	50	0.7	1	218	20
1	18	18	55	0.7	1	214	20
1	18	19	0	0.6	1	224	21
1	18	19	5	0.4	1	214	24
1	18	19	10	0.7	1	219	20
1	18	19	15	0.7	1	215	20
1	18	19	20	0.6	1	218	19
1	18	19	25	0.8	1	216	18
1	18	19	30	0.9	2	209	19
1	18	19	35	0.8	1	209	21
1	18	19	40	0.9	1	208	16
1	18	19	45	0.8	1	211	17
1	18	19	50	0.8	1	209	20
1	18	19	55	0.9	2	215	23
1	18	20	0	0.8	1	219	22
1	18	20	5	0.6	1	221	21
1	18	20	10	0.7	1	228	23
1	18	20	15	0.7	2	223	20
1	18	20	20	0.9	1	215	17
1	18	20	25	0.6	1	224	23
1	18	20	30	0.7	1	225	17
1	18	20	35	0.5	1	228	25
1	18	20	40	0.5	1	233	20
1	18	20	45	0.6	1	230	24
1	18	20	50	0.7	1	233	21
1	18	20	55	0.6	1	232	23
1	18	21	0	0.6	1	226	25
1	18	21	5	0.5	1	219	20
1	18	21	10	0.5	0	243	25
1	18	21	15	0.2	0	218	30
1	18	21	20	0.1	0	209	40
1	18	21	25	0.1	0	213	5
1	18	21	30	0.1	0	219	19
1	18	21	35	0.2	0	219	13
1	18	21	40	0.2	0	210	9
1	18	21	45	0.1	0	205	11
1	18	21	50	0.0	0	201	12
1	18	21	55	0.0	0	213	10
1	18	22	0	0.2	1	201	9
1	18	22	5	0.4	0	209	15
1	18	22	10	0.4	1	221	18
1	18	22	15	0.4	1	219	20
1	18	22	20	0.2	1	221	17
1	18	22	25	0.3	1	216	23
1	18	22	30	0.3	1	223	28
1	18	22	35	0.2	0	206	13
1	18	22	40	0.1	0	201	7
1	18	22	45	0.0	0	204	4
1	18	22	50	0.1	0	195	2
1	18	22	55	0.2	1	201	13
1	18	23	0	0.3	0	192	23
1	18	23	5	0.4	0	203	13
1	18	23	10	0.5	1	211	15
1	18	23	15	0.5	1	211	18
1	18	23	20	0.2	0	223	21
1	18	23	25	0.1	0	226	29
1	18	23	30	0.2	0	201	13
1	18	23	35	0.0	0	171	16
1	18	23	40	0.0	0	163	12
1	18	23	45	0.1	0	185	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)
1	18	23	50	0.1	0	198	16
1	18	23	55	0.1	0	185	19
1	19	0	0	0.0	0	196	8
1	19	0	5	0.1	0	194	11
1	19	0	10	0.0	0	195	7
1	19	0	15	0.3	0	209	12
1	19	0	20	0.2	0	197	6
1	19	0	25	0.2	0	214	10
1	19	0	30	0.3	1	208	12
1	19	0	35	0.1	0	194	15
1	19	0	40	0.1	0	200	15
1	19	0	45	0.0	0	206	11
1	19	0	50	0.0	0	203	11
1	19	0	55	0.2	1	204	14
1	19	1	0	0.1	0	176	28
1	19	1	5	0.1	0	189	10
1	19	1	10	0.2	1	204	16
1	19	1	15	0.1	1	210	18
1	19	1	20	0.0	0	197	5
1	19	1	25	0.1	0	191	3
1	19	1	30	0.1	0	223	19
1	19	1	35	0.1	0	210	12
1	19	1	40	0.0	0	200	7
1	19	1	45	0.0	0	194	5
1	19	1	50	0.0	0	209	12
1	19	1	55	0.0	1	189	15
1	19	2	0	0.1	0	212	16
1	19	2	5	0.1	0	198	8
1	19	2	10	0.2	0	209	16
1	19	2	15	0.3	0	211	11
1	19	2	20	0.1	0	208	10
1	19	2	25	0.1	0	202	8
1	19	2	30	0.0	0	188	1
1	19	2	35	0.1	0	198	10
1	19	2	40	0.3	1	200	12
1	19	2	45	0.2	1	203	11
1	19	2	50	0.2	1	222	32
1	19	2	55	0.3	1	207	9
1	19	3	0	0.2	0	148	23
1	19	3	5	0.1	0	162	36
1	19	3	10	0.0	0	196	10
1	19	3	15	0.0	0	197	17
1	19	3	20	0.0	0	172	5
1	19	3	25	0.2	1	183	16
1	19	3	30	0.5	1	210	8
1	19	3	35	0.3	0	220	20
1	19	3	40	0.1	0	166	48
1	19	3	45	0.1	1	123	17
1	19	3	50	0.1	0	121	5
1	19	3	55	0.2	1	82	75
1	19	4	0	0.0	0	216	17
1	19	4	5	0.1	1	207	9
1	19	4	10	0.3	0	225	23
1	19	4	15	0.1	0	204	4
1	19	4	20	0.0	0	197	7
1	19	4	25	0.0	0	192	5
1	19	4	30	0.0	0	186	55
1	19	4	35	0.3	0	205	8
1	19	4	40	0.2	1	211	10
1	19	4	45	0.1	0	194	20
1	19	4	50	0.1	0	200	13
1	19	4	55	0.1	0	192	10
1	19	5	0	0.0	0	160	29
1	19	5	5	0.2	1	213	23
1	19	5	10	0.1	0	185	12
1	19	5	15	0.2	0	204	6
1	19	5	20	0.1	0	195	4
1	19	5	25	0.0	0	200	7
1	19	5	30	0.0	0	216	2
1	19	5	35	0.0	0	196	10
1	19	5	40	0.0	0	189	1
1	19	5	45	0.0	0	196	6
1	19	5	50	0.1	0	189	13
1	19	5	55	0.2	0	200	8
1	19	6	0	0.1	0	190	2
1	19	6	5	0.1	0	204	16
1	19	6	10	0.0	0	165	17
1	19	6	15	0.0	0	191	11
1	19	6	20	0.0	0	236	9
1	19	6	25	0.0	0	207	12
1	19	6	30	0.3	0	195	6
1	19	6	35	0.0	0	191	2
1	19	6	40	0.2	0	198	16
1	19	6	45	0.2	0	194	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)
1	19	6	50	0.1	1	211	13
1	19	6	55	0.1	0	202	14
1	19	7	0	0.1	0	209	12
1	19	7	5	0.0	0	175	15
1	19	7	10	0.0	0	119	55
1	19	7	15	0.0	0	349	0
1	19	7	20	0.1	0	189	25
1	19	7	25	0.2	0	199	18
1	19	7	30	0.1	0	205	6
1	19	7	35	0.0	0	197	1
1	19	7	40	0.0	0	195	5
1	19	7	45	0.0	0	179	15
1	19	7	50	0.0	0	167	18
1	19	7	55	0.0	0	252	49
1	19	8	0	0.0	0	152	12
1	19	8	5	0.0	0	201	0
1	19	8	10	0.0	0	200	4
1	19	8	15	0.0	0	190	62
1	19	8	20	0.0	0	71	1
1	19	8	25	0.0	0	168	72
1	19	8	30	0.0	0	208	2
1	19	8	35	0.0	0	173	49
1	19	8	40	0.0	0	67	46
1	19	8	45	0.0	0	347	19
1	19	8	50	0.1	0	317	8
1	19	8	55	0.1	0	317	17
1	19	9	0	0.2	0	340	17
1	19	9	5	0.0	0	12	34
1	19	9	10	0.1	0	349	33
1	19	9	15	0.2	1	3	19
1	19	9	20	0.2	0	23	20
1	19	9	25	0.2	0	14	11
1	19	9	30	0.2	1	3	24
1	19	9	35	0.2	1	357	30
1	19	9	40	0.7	1	25	32
1	19	9	45	0.5	1	13	34
1	19	9	50	0.2	0	6	43
1	19	9	55	0.4	1	4	35
1	19	10	0	0.4	1	15	43
1	19	10	5	0.5	1	33	45
1	19	10	10	0.2	1	338	43
1	19	10	15	0.6	1	30	27
1	19	10	20	0.6	1	35	43
1	19	10	25	0.7	2	59	37
1	19	10	30	0.9	2	60	43
1	19	10	35	0.9	2	11	37
1	19	10	40	1.3	2	28	26
1	19	10	45	0.9	2	29	39
1	19	10	50	0.4	1	7	56
1	19	10	55	0.7	2	4	49
1	19	11	0	0.9	2	25	42
1	19	11	5	1.0	1	29	46
1	19	11	10	0.8	1	4	49
1	19	11	15	1.1	2	358	36
1	19	11	20	0.9	2	19	38
1	19	11	25	1.2	2	24	28
1	19	11	30	0.8	2	19	52
1	19	11	35	1.0	1	358	29
1	19	11	40	1.1	2	35	37
1	19	11	45	1.0	2	6	30
1	19	11	50	1.1	3	22	35
1	19	11	55	1.0	1	16	42
1	19	12	0	0.8	1	333	45
1	19	12	5	0.7	3	349	89
1	19	12	10	0.9	1	253	50
1	19	12	15	0.9	1	220	48
1	19	12	20	0.5	1	315	54
1	19	12	25	0.4	2	292	69
1	19	12	30	0.8	2	350	37
1	19	12	35	0.4	1	266	41
1	19	12	40	1.2	1	239	27
1	19	12	45	0.4	1	343	78
1	19	12	50	0.8	2	306	79
1	19	12	55	1.0	3	315	45
1	19	13	0	0.5	1	326	63
1	19	13	5	0.8	1	295	56
1	19	13	10	1.4	3	299	42
1	19	13	15	1.2	4	330	38
1	19	13	20	0.5	0	271	60
1	19	13	25	0.9	1	282	43
1	19	13	30	0.7	2	313	46
1	19	13	35	0.5	1	164	84
1	19	13	40	0.4	1	281	72
1	19	13	45	0.4	2	346	85

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)
1	19	13	50	0.9	1	282	66
1	19	13	55	0.9	2	254	56
1	19	14	0	0.6	1	284	76
1	19	14	5	0.5	1	271	56
1	19	14	10	0.3	1	199	73
1	19	14	15	1.0	2	201	24
1	19	14	20	0.5	1	45	94
1	19	14	25	0.9	2	222	58
1	19	14	30	0.3	2	253	91
1	19	14	35	0.7	1	236	72
1	19	14	40	0.4	0	195	42
1	19	14	45	0.6	1	211	37
1	19	14	50	0.6	1	210	44
1	19	14	55	0.6	1	220	43
1	19	15	0	0.1	1	201	64
1	19	15	5	0.3	1	130	71
1	19	15	10	0.4	0	226	39
1	19	15	15	0.9	2	209	37
1	19	15	20	0.7	1	230	40
1	19	15	25	0.4	1	238	59
1	19	15	30	0.3	0	109	93
1	19	15	35	0.3	1	162	64
1	19	15	40	0.4	1	196	59
1	19	15	45	0.9	2	219	32
1	19	15	50	0.7	1	236	63
1	19	15	55	0.6	1	203	26
1	19	16	0	0.6	1	235	43
1	19	16	5	0.6	1	214	51
1	19	16	10	0.3	1	199	73
1	19	16	15	0.6	2	191	20
1	19	16	20	0.7	1	192	18
1	19	16	25	0.6	1	202	12
1	19	16	30	0.2	0	227	37
1	19	16	35	0.6	1	224	25
1	19	16	40	0.7	1	197	11
1	19	16	45	0.7	1	208	14
1	19	16	50	0.6	1	207	20
1	19	16	55	0.6	1	211	14
1	19	17	0	0.7	1	216	13
1	19	17	5	0.7	1	209	13
1	19	17	10	0.9	2	210	17
1	19	17	15	0.9	1	211	17
1	19	17	20	0.9	1	209	16
1	19	17	25	0.9	1	208	15
1	19	17	30	0.9	1	207	14
1	19	17	35	0.7	1	213	18
1	19	17	40	0.8	1	211	16
1	19	17	45	0.8	1	202	13
1	19	17	50	0.3	1	184	21
1	19	17	55	0.2	0	187	11
1	19	18	0	0.3	1	191	12
1	19	18	5	0.4	1	198	17
1	19	18	10	0.5	1	179	13
1	19	18	15	0.3	0	211	21
1	19	18	20	0.1	1	199	23
1	19	18	25	0.4	1	194	10
1	19	18	30	0.4	1	186	10
1	19	18	35	0.2	0	179	23
1	19	18	40	0.1	1	184	30
1	19	18	45	0.4	1	209	19
1	19	18	50	0.4	1	201	12
1	19	18	55	0.2	0	208	11
1	19	19	0	0.4	1	213	22
1	19	19	5	0.4	0	202	11
1	19	19	10	0.3	1	205	12
1	19	19	15	0.2	0	210	16
1	19	19	20	0.3	1	208	22
1	19	19	25	0.4	1	218	17
1	19	19	30	0.4	1	203	16
1	19	19	35	0.3	1	215	21
1	19	19	40	0.4	1	197	16
1	19	19	45	0.2	0	209	18
1	19	19	50	0.2	1	210	19
1	19	19	55	0.2	0	201	15
1	19	20	0	0.4	1	196	12
1	19	20	5	0.3	1	195	12
1	19	20	10	0.3	0	200	12
1	19	20	15	0.4	1	196	14
1	19	20	20	0.1	1	183	18
1	19	20	25	0.2	0	207	12
1	19	20	30	0.4	1	205	15
1	19	20	35	0.3	0	201	13
1	19	20	40	0.4	1	197	11
1	19	20	45	0.2	0	216	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)
1	19	20	50	0.2	0	167	69
1	19	20	55	0.0	0	205	14
1	19	21	0	0.3	1	207	23
1	19	21	5	0.2	1	193	16
1	19	21	10	0.2	0	195	21
1	19	21	15	0.3	0	201	27
1	19	21	20	0.4	1	199	22
1	19	21	25	0.2	1	216	24
1	19	21	30	0.1	0	173	37
1	19	21	35	0.3	0	205	18
1	19	21	40	0.2	1	195	16
1	19	21	45	0.1	0	197	10
1	19	21	50	0.1	0	198	9
1	19	21	55	0.0	0	189	17
1	19	22	0	0.0	0	189	14
1	19	22	5	0.1	0	164	39
1	19	22	10	0.2	0	194	6
1	19	22	15	0.3	0	188	6
1	19	22	20	0.4	0	194	9
1	19	22	25	0.2	0	203	7
1	19	22	30	0.2	0	184	9
1	19	22	35	0.4	1	219	13
1	19	22	40	0.5	1	212	11
1	19	22	45	0.6	1	225	15
1	19	22	50	0.2	0	224	25
1	19	22	55	0.4	1	123	23
1	19	23	0	0.2	0	220	41
1	19	23	5	0.0	0	127	24
1	19	23	10	0.2	0	109	11
1	19	23	15	0.1	0	184	44
1	19	23	20	0.3	0	209	22
1	19	23	25	0.1	0	200	22
1	19	23	30	0.2	0	200	9
1	19	23	35	0.0	0	209	16
1	19	23	40	0.2	0	236	53
1	19	23	45	0.3	1	200	19
1	19	23	50	0.1	1	207	6
1	19	23	55	0.2	0	195	5
1	20	0	0	0.1	0	197	6
1	20	0	5	0.2	0	197	3
1	20	0	10	0.3	0	208	12
1	20	0	15	0.2	0	203	8
1	20	0	20	0.0	0	191	2
1	20	0	25	0.0	0	216	48
1	20	0	30	0.2	0	209	30
1	20	0	35	0.1	0	244	34
1	20	0	40	0.0	0	176	70
1	20	0	45	0.2	0	160	48
1	20	0	50	0.0	0	60	51
1	20	0	55	0.2	0	152	45
1	20	1	0	0.0	0	180	11
1	20	1	5	0.1	1	158	23
1	20	1	10	0.1	0	166	52
1	20	1	15	0.2	0	193	38
1	20	1	20	0.2	0	190	7
1	20	1	25	0.2	0	191	5
1	20	1	30	0.1	0	197	9
1	20	1	35	0.0	0	193	3
1	20	1	40	0.1	0	166	23
1	20	1	45	0.1	1	134	41
1	20	1	50	0.0	0	183	38
1	20	1	55	0.0	0	226	14
1	20	2	0	0.0	0	181	12
1	20	2	5	0.0	0	171	13
1	20	2	10	0.0	0	180	9
1	20	2	15	0.0	0	190	21
1	20	2	20	0.0	0	153	13
1	20	2	25	0.1	0	170	38
1	20	2	30	0.1	0	156	67
1	20	2	35	0.1	0	195	5
1	20	2	40	0.0	0	139	79
1	20	2	45	0.2	1	181	58
1	20	2	50	0.1	0	181	6
1	20	2	55	0.1	0	202	2
1	20	3	0	0.0	0	188	39
1	20	3	5	0.0	0	129	2
1	20	3	10	0.0	0	145	25
1	20	3	15	0.1	0	196	10
1	20	3	20	0.2	0	206	11
1	20	3	25	0.1	0	206	16
1	20	3	30	0.0	0	165	36
1	20	3	35	0.1	0	179	29
1	20	3	40	0.1	0	203	9
1	20	3	45	0.1	0	181	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)
1	20	3	50	0.2	1	94	24
1	20	3	55	0.1	0	131	27
1	20	4	0	0.1	0	42	59
1	20	4	5	0.2	1	33	89
1	20	4	10	0.1	0	126	55
1	20	4	15	0.1	1	163	54
1	20	4	20	0.1	0	70	43
1	20	4	25	0.4	1	198	7
1	20	4	30	0.4	0	226	36
1	20	4	35	0.1	0	76	71
1	20	4	40	0.3	0	333	97
1	20	4	45	0.2	0	215	28
1	20	4	50	0.4	1	223	29
1	20	4	55	0.2	1	132	85
1	20	5	0	0.4	0	191	33
1	20	5	5	0.1	0	190	25
1	20	5	10	0.2	1	150	58
1	20	5	15	0.6	1	209	19
1	20	5	20	0.1	1	257	53
1	20	5	25	0.7	1	204	18
1	20	5	30	0.4	0	217	15
1	20	5	35	0.3	1	214	21
1	20	5	40	0.4	0	219	24
1	20	5	45	0.6	1	212	19
1	20	5	50	0.0	0	261	64
1	20	5	55	0.6	1	214	18
1	20	6	0	0.6	1	225	21
1	20	6	5	0.8	1	215	19
1	20	6	10	0.7	1	214	14
1	20	6	15	0.3	1	216	34
1	20	6	20	0.7	1	216	20
1	20	6	25	0.4	0	223	25
1	20	6	30	0.7	2	210	18
1	20	6	35	0.7	1	216	15
1	20	6	40	0.8	3	216	19
1	20	6	45	0.7	2	232	43
1	20	6	50	1.0	3	234	44
1	20	6	55	1.0	1	231	43
1	20	7	0	0.9	1	234	38
1	20	7	5	1.3	2	218	19
1	20	7	10	0.8	2	219	19
1	20	7	15	1.4	2	227	25
1	20	7	20	1.2	2	214	13
1	20	7	25	0.8	2	234	39
1	20	7	30	0.9	1	235	30
1	20	7	35	0.8	1	279	87
1	20	7	40	0.7	1	349	65
1	20	7	45	0.5	1	245	88
1	20	7	50	0.4	1	301	76
1	20	7	55	0.8	2	3	53
1	20	8	0	0.4	1	293	76
1	20	8	5	0.6	1	302	60
1	20	8	10	0.4	1	292	65
1	20	8	15	0.1	1	241	46
1	20	8	20	0.2	1	300	87
1	20	8	25	0.3	1	31	34
1	20	8	30	0.5	1	355	33
1	20	8	35	0.6	2	328	25
1	20	8	40	0.6	1	351	48
1	20	8	45	0.4	1	18	40
1	20	8	50	0.7	2	355	65
1	20	8	55	1.1	2	338	32
1	20	9	0	1.1	2	22	58
1	20	9	5	0.4	2	9	91
1	20	9	10	1.0	3	53	60
1	20	9	15	0.5	1	29	63
1	20	9	20	0.7	1	17	47
1	20	9	25	0.5	2	34	48
1	20	9	30	1.0	2	14	35
1	20	9	35	0.7	2	46	58
1	20	9	40	1.0	1	20	58
1	20	9	45	0.9	2	356	35
1	20	9	50	0.6	1	351	60
1	20	9	55	1.1	3	30	60
1	20	10	0	1.0	5	337	67
1	20	10	5	1.3	2	354	46
1	20	10	10	1.1	2	347	34
1	20	10	15	1.1	2	325	25
1	20	10	20	1.3	3	340	44
1	20	10	25	1.6	4	342	33
1	20	10	30	1.1	1	329	38
1	20	10	35	1.2	2	332	42
1	20	10	40	1.2	3	340	41
1	20	10	45	0.9	1	355	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)
1	20	10	50	0.6	1	309	52
1	20	10	55	1.1	3	332	48
1	20	11	0	0.6	1	345	55
1	20	11	5	1.5	1	349	48
1	20	11	10	0.6	1	16	51
1	20	11	15	1.6	2	343	33
1	20	11	20	1.0	1	343	36
1	20	11	25	1.2	3	20	62
1	20	11	30	1.1	3	62	58
1	20	11	35	1.1	3	63	46
1	20	11	40	0.9	2	36	56
1	20	11	45	0.8	2	30	67
1	20	11	50	1.0	1	346	62
1	20	11	55	1.1	1	21	56
1	20	12	0	1.0	2	0	52
1	20	12	5	1.0	4	16	61
1	20	12	10	1.4	4	339	33
1	20	12	15	1.3	3	358	57
1	20	12	20	1.6	2	333	25
1	20	12	25	1.2	4	358	60
1	20	12	30	1.2	3	352	49
1	20	12	35	1.4	2	352	31
1	20	12	40	0.7	2	348	56
1	20	12	45	0.9	3	58	82
1	20	12	50	1.1	4	53	61
1	20	12	55	1.6	2	56	36
1	20	13	0	0.8	3	23	54
1	20	13	5	0.7	1	54	43
1	20	13	10	0.7	3	46	49
1	20	13	15	1.0	1	47	50
1	20	13	20	0.8	1	58	44
1	20	13	25	0.6	1	82	30
1	20	13	30	0.6	0	77	41
1	20	13	35	0.8	2	33	51
1	20	13	40	1.0	2	34	54
1	20	13	45	0.5	1	53	57
1	20	13	50	0.6	1	61	49
1	20	13	55	0.2	1	291	53
1	20	14	0	0.4	1	104	64
1	20	14	5	0.3	1	38	61
1	20	14	10	0.9	2	340	28
1	20	14	15	0.7	0	328	34
1	20	14	20	0.2	1	356	68
1	20	14	25	0.3	1	140	58
1	20	14	30	0.4	1	125	50
1	20	14	35	0.5	1	64	42
1	20	14	40	0.4	1	72	56
1	20	14	45	0.7	1	77	69
1	20	14	50	0.4	1	100	84
1	20	14	55	0.4	1	95	53
1	20	15	0	0.2	1	25	90
1	20	15	5	0.1	1	260	39
1	20	15	10	0.4	1	60	82
1	20	15	15	0.3	1	174	38
1	20	15	20	0.3	1	145	37
1	20	15	25	0.2	1	118	60
1	20	15	30	0.1	0	110	69
1	20	15	35	0.2	0	129	61
1	20	15	40	0.3	1	175	29
1	20	15	45	0.4	0	177	76
1	20	15	50	0.2	0	180	98
1	20	15	55	0.1	0	201	54
1	20	16	0	0.3	0	251	57
1	20	16	5	0.3	1	313	64
1	20	16	10	0.4	0	346	44
1	20	16	15	0.2	1	326	68
1	20	16	20	0.7	2	357	29
1	20	16	25	0.6	1	355	26
1	20	16	30	0.6	1	358	41
1	20	16	35	0.4	0	349	64
1	20	16	40	0.3	1	47	80
1	20	16	45	0.3	1	53	63
1	20	16	50	0.6	1	12	43
1	20	16	55	0.5	2	336	25
1	20	17	0	0.4	1	333	28
1	20	17	5	0.6	0	345	27
1	20	17	10	0.1	1	161	59
1	20	17	15	0.3	0	34	47
1	20	17	20	0.6	1	236	28
1	20	17	25	0.7	1	196	13
1	20	17	30	0.5	1	202	12
1	20	17	35	0.4	1	194	13
1	20	17	40	0.5	1	195	9
1	20	17	45	0.5	1	202	9

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)
1	20	17	50	0.7	1	203	11
1	20	17	55	0.6	1	213	13
1	20	18	0	0.4	1	210	11
1	20	18	5	0.3	1	207	16
1	20	18	10	0.3	0	210	14
1	20	18	15	0.0	0	194	39
1	20	18	20	0.3	1	187	36
1	20	18	25	0.6	1	208	9
1	20	18	30	0.6	1	218	17
1	20	18	35	0.7	1	216	16
1	20	18	40	0.5	1	226	19
1	20	18	45	0.5	1	220	20
1	20	18	50	0.3	1	225	30
1	20	18	55	0.4	1	210	24
1	20	19	0	0.5	1	219	12
1	20	19	5	0.6	2	226	19
1	20	19	10	0.6	1	216	19
1	20	19	15	0.4	1	228	20
1	20	19	20	0.4	1	219	16
1	20	19	25	0.1	0	207	15
1	20	19	30	0.1	1	201	16
1	20	19	35	0.4	1	203	10
1	20	19	40	0.4	1	215	22
1	20	19	45	0.6	2	222	22
1	20	19	50	0.4	0	206	13
1	20	19	55	0.3	1	214	17
1	20	20	0	0.3	0	215	11
1	20	20	5	0.5	0	214	10
1	20	20	10	0.2	1	227	20
1	20	20	15	0.7	1	222	19
1	20	20	20	0.3	0	218	23
1	20	20	25	0.1	1	199	59
1	20	20	30	0.1	0	182	43
1	20	20	35	0.2	1	202	26
1	20	20	40	0.4	0	210	10
1	20	20	45	0.3	1	215	14
1	20	20	50	0.3	0	217	14
1	20	20	55	0.2	0	201	6
1	20	21	0	0.3	1	204	5
1	20	21	5	0.4	1	211	10
1	20	21	10	0.5	1	229	16
1	20	21	15	0.4	1	227	16
1	20	21	20	0.2	0	220	20
1	20	21	25	0.0	0	194	9
1	20	21	30	0.1	1	193	21
1	20	21	35	0.1	0	235	30
1	20	21	40	0.3	1	199	9
1	20	21	45	0.3	0	194	7
1	20	21	50	0.2	0	213	9
1	20	21	55	0.0	0	170	46
1	20	22	0	0.5	1	222	16
1	20	22	5	0.4	1	231	17
1	20	22	10	0.4	1	231	18
1	20	22	15	0.4	1	212	17
1	20	22	20	0.1	0	119	49
1	20	22	25	0.0	0	143	18
1	20	22	30	0.2	1	202	15
1	20	22	35	0.1	0	195	26
1	20	22	40	0.3	0	208	15
1	20	22	45	0.2	1	204	14
1	20	22	50	0.1	0	206	13
1	20	22	55	0.0	0	206	46
1	20	23	0	0.0	0	126	37
1	20	23	5	0.4	1	197	3
1	20	23	10	0.5	1	209	12
1	20	23	15	0.6	1	220	15
1	20	23	20	0.4	1	223	25
1	20	23	25	0.3	0	213	17
1	20	23	30	0.1	1	210	20
1	20	23	35	0.1	0	207	21
1	20	23	40	0.4	1	226	26
1	20	23	45	0.2	0	207	9
1	20	23	50	0.1	0	224	20
1	20	23	55	0.0	0	182	50
1	21	0	0	0.2	0	100	5
1	21	0	5	0.1	0	171	23
1	21	0	10	0.4	0	117	14
1	21	0	15	0.3	0	188	77
1	21	0	20	0.1	0	188	11
1	21	0	25	0.2	0	191	13
1	21	0	30	0.2	1	181	38
1	21	0	35	0.6	1	229	21
1	21	0	40	0.6	1	225	21
1	21	0	45	0.6	1	213	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)
1	21	0	50	0.8	1	214	19
1	21	0	55	0.7	1	217	18
1	21	1	0	0.5	0	226	17
1	21	1	5	0.7	1	223	21
1	21	1	10	0.7	1	230	19
1	21	1	15	0.5	1	231	21
1	21	1	20	0.7	1	220	18
1	21	1	25	0.6	1	241	25
1	21	1	30	0.4	1	223	25
1	21	1	35	0.7	2	242	21
1	21	1	40	0.9	2	247	17
1	21	1	45	0.9	1	236	19
1	21	1	50	1.0	1	242	18
1	21	1	55	0.8	1	236	21
1	21	2	0	0.6	1	227	20
1	21	2	5	0.4	1	233	22
1	21	2	10	0.6	1	220	26
1	21	2	15	0.4	1	222	18
1	21	2	20	0.5	1	245	44
1	21	2	25	0.6	2	223	29
1	21	2	30	0.9	2	242	30
1	21	2	35	1.2	1	230	24
1	21	2	40	0.7	1	232	21
1	21	2	45	0.7	1	234	22
1	21	2	50	0.7	2	223	22
1	21	2	55	0.7	1	211	19
1	21	3	0	0.5	1	228	24
1	21	3	5	0.7	1	210	21
1	21	3	10	0.7	2	204	26
1	21	3	15	1.1	2	204	17
1	21	3	20	0.7	1	202	14
1	21	3	25	0.9	1	210	16
1	21	3	30	0.6	1	213	14
1	21	3	35	0.7	1	202	19
1	21	3	40	0.2	1	212	37
1	21	3	45	0.6	1	216	18
1	21	3	50	0.6	1	209	18
1	21	3	55	0.5	1	179	60
1	21	4	0	0.7	1	204	16
1	21	4	5	0.6	1	226	19
1	21	4	10	0.4	2	227	18
1	21	4	15	0.6	1	212	24
1	21	4	20	0.8	2	205	16
1	21	4	25	0.8	1	202	16
1	21	4	30	0.4	1	225	23
1	21	4	35	0.4	1	220	28
1	21	4	40	0.6	1	226	26
1	21	4	45	0.4	0	238	39
1	21	4	50	0.3	1	219	33
1	21	4	55	0.5	2	197	25
1	21	5	0	0.3	0	266	67
1	21	5	5	0.3	1	219	18
1	21	5	10	0.1	0	203	78
1	21	5	15	0.3	0	244	33
1	21	5	20	0.3	1	260	88
1	21	5	25	0.4	1	175	57
1	21	5	30	1.2	4	14	41
1	21	5	35	0.8	1	357	43
1	21	5	40	0.4	1	312	60
1	21	5	45	0.7	2	249	19
1	21	5	50	0.9	2	226	24
1	21	5	55	0.6	1	218	16
1	21	6	0	0.8	2	235	21
1	21	6	5	0.9	1	226	24
1	21	6	10	1.0	2	226	24
1	21	6	15	1.3	2	218	25
1	21	6	20	1.0	1	228	22
1	21	6	25	0.7	1	224	21
1	21	6	30	1.0	1	215	18
1	21	6	35	1.4	3	217	18
1	21	6	40	1.3	3	225	24
1	21	6	45	1.2	2	219	21
1	21	6	50	1.0	2	225	26
1	21	6	55	1.3	3	225	20
1	21	7	0	1.4	3	225	25
1	21	7	5	1.6	3	222	25
1	21	7	10	1.1	1	229	29
1	21	7	15	1.0	1	238	25
1	21	7	20	1.0	3	224	29
1	21	7	25	1.5	2	231	23
1	21	7	30	1.1	2	219	26
1	21	7	35	1.2	3	233	27
1	21	7	40	1.3	1	241	27
1	21	7	45	0.9	1	226	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)
1	21	7	50	1.6	3	237	21
1	21	7	55	1.2	2	234	24
1	21	8	0	0.8	1	228	19
1	21	8	5	0.8	1	243	18
1	21	8	10	0.1	0	231	39
1	21	8	15	0.7	1	86	82
1	21	8	20	0.5	1	346	65
1	21	8	25	0.9	2	8	46
1	21	8	30	0.7	2	248	59
1	21	8	35	1.1	2	42	64
1	21	8	40	0.9	2	21	59
1	21	8	45	1.1	3	29	42
1	21	8	50	1.0	2	33	64
1	21	8	55	0.6	2	60	68
1	21	9	0	1.1	1	20	42
1	21	9	5	0.9	4	25	61
1	21	9	10	1.0	2	11	56
1	21	9	15	0.8	1	48	78
1	21	9	20	1.1	2	276	100
1	21	9	25	0.7	3	339	81
1	21	9	30	1.3	2	54	62
1	21	9	35	1.1	2	32	42
1	21	9	40	1.0	2	29	81
1	21	9	45	1.0	3	77	88
1	21	9	50	1.2	2	16	58
1	21	9	55	0.5	1	336	69
1	21	10	0	0.9	2	35	71
1	21	10	5	1.0	2	24	67
1	21	10	10	1.3	2	18	60
1	21	10	15	1.0	3	351	68
1	21	10	20	0.8	2	46	62
1	21	10	25	1.0	2	340	59
1	21	10	30	0.9	3	334	76
1	21	10	35	0.9	2	343	49
1	21	10	40	0.8	3	356	47
1	21	10	45	1.3	4	356	69
1	21	10	50	1.3	3	354	61
1	21	10	55	1.3	2	48	65
1	21	11	0	1.0	3	63	60
1	21	11	5	1.4	2	47	41
1	21	11	10	1.0	3	5	62
1	21	11	15	0.9	2	13	57
1	21	11	20	1.5	3	1	44
1	21	11	25	1.0	2	338	54
1	21	11	30	0.8	2	330	75
1	21	11	35	1.1	3	327	71
1	21	11	40	1.1	3	4	63
1	21	11	45	1.3	2	37	87
1	21	11	50	1.0	4	355	45
1	21	11	55	1.5	2	339	42
1	21	12	0	1.2	2	48	71
1	21	12	5	1.2	3	5	52
1	21	12	10	1.2	3	342	50
1	21	12	15	1.1	2	33	90
1	21	12	20	1.9	1	345	59
1	21	12	25	1.8	2	350	39
1	21	12	30	1.6	3	51	78
1	21	12	35	1.5	4	0	58
1	21	12	40	1.3	2	342	49
1	21	12	45	1.8	4	349	43
1	21	12	50	1.1	3	307	76
1	21	12	55	1.8	3	11	43
1	21	13	0	1.3	4	349	50
1	21	13	5	1.1	2	32	70
1	21	13	10	1.4	4	15	58
1	21	13	15	1.4	4	7	67
1	21	13	20	1.0	2	5	54
1	21	13	25	1.2	2	346	61
1	21	13	30	1.0	1	31	57
1	21	13	35	1.9	3	349	46
1	21	13	40	1.3	2	32	56
1	21	13	45	1.0	1	31	65
1	21	13	50	1.2	5	314	87
1	21	13	55	1.4	4	49	69
1	21	14	0	0.6	1	276	76
1	21	14	5	0.6	1	38	67
1	21	14	10	0.9	2	52	59
1	21	14	15	0.9	4	13	86
1	21	14	20	0.8	1	71	59
1	21	14	25	1.3	4	10	49
1	21	14	30	1.3	3	41	72
1	21	14	35	1.3	2	348	37
1	21	14	40	1.4	2	9	60
1	21	14	45	0.7	1	35	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)
1	21	14	50	0.3	1	285	87
1	21	14	55	0.6	2	32	68
1	21	15	0	1.0	3	39	64
1	21	15	5	0.7	2	326	80
1	21	15	10	0.6	1	24	80
1	21	15	15	0.7	2	61	82
1	21	15	20	1.4	3	36	54
1	21	15	25	1.0	2	28	77
1	21	15	30	0.6	1	10	57
1	21	15	35	1.0	1	350	57
1	21	15	40	0.7	1	35	62
1	21	15	45	0.7	1	7	86
1	21	15	50	0.8	1	341	53
1	21	15	55	1.0	2	29	45
1	21	16	0	0.9	3	76	39
1	21	16	5	0.8	1	93	30
1	21	16	10	0.6	1	13	75
1	21	16	15	0.8	1	91	65
1	21	16	20	0.4	1	144	66
1	21	16	25	0.7	1	240	62
1	21	16	30	0.3	0	93	84
1	21	16	35	0.7	2	74	71
1	21	16	40	0.9	3	9	41
1	21	16	45	0.8	2	31	50
1	21	16	50	0.3	1	61	99
1	21	16	55	1.0	3	72	58
1	21	17	0	0.3	1	103	88
1	21	17	5	0.4	1	157	90
1	21	17	10	0.7	1	37	70
1	21	17	15	0.4	1	57	71
1	21	17	20	0.7	1	262	72
1	21	17	25	0.7	3	51	73
1	21	17	30	0.7	1	103	51
1	21	17	35	0.9	2	32	53
1	21	17	40	1.1	2	50	66
1	21	17	45	1.2	4	12	53
1	21	17	50	0.8	1	30	71
1	21	17	55	0.7	2	7	76
1	21	18	0	0.8	1	8	68
1	21	18	5	0.4	1	298	84
1	21	18	10	0.7	2	52	73
1	21	18	15	0.5	1	78	94
1	21	18	20	0.9	2	225	63
1	21	18	25	0.8	1	340	84
1	21	18	30	0.4	2	272	88
1	21	18	35	0.5	1	263	94
1	21	18	40	0.8	2	337	92
1	21	18	45	0.7	1	224	63
1	21	18	50	0.3	0	305	85
1	21	18	55	0.7	1	38	55
1	21	19	0	0.6	1	17	73
1	21	19	5	0.4	1	8	83
1	21	19	10	0.4	1	359	93
1	21	19	15	0.6	3	351	100
1	21	19	20	0.9	2	26	69
1	21	19	25	0.6	2	31	93
1	21	19	30	0.6	1	351	81
1	21	19	35	0.4	1	297	74
1	21	19	40	0.5	1	280	73
1	21	19	45	0.9	2	258	47
1	21	19	50	0.6	3	325	84
1	21	19	55	0.9	2	334	70
1	21	20	0	1.0	2	33	57
1	21	20	5	1.0	4	47	56
1	21	20	10	0.5	0	51	81
1	21	20	15	0.4	0	220	78
1	21	20	20	0.3	2	135	64
1	21	20	25	0.9	1	330	68
1	21	20	30	0.7	1	309	84
1	21	20	35	0.6	2	335	82
1	21	20	40	0.7	2	239	67
1	21	20	45	0.7	1	241	50
1	21	20	50	0.7	2	225	69
1	21	20	55	0.5	1	266	85
1	21	21	0	0.5	2	175	44
1	21	21	5	0.4	1	200	12
1	21	21	10	0.5	1	233	39
1	21	21	15	0.9	1	188	19
1	21	21	20	0.5	0	190	44
1	21	21	25	0.4	1	154	37
1	21	21	30	1.0	1	192	21
1	21	21	35	0.3	0	217	40
1	21	21	40	0.2	1	201	80
1	21	21	45	0.8	3	234	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)
1	21	21	50	1.4	1	358	82
1	21	21	55	1.1	2	11	79
1	21	22	0	1.1	2	63	67
1	21	22	5	0.5	0	251	63
1	21	22	10	0.7	0	288	45
1	21	22	15	0.6	1	21	43
1	21	22	20	0.4	1	281	62
1	21	22	25	0.9	2	237	26
1	21	22	30	0.6	1	214	15
1	21	22	35	0.3	1	208	27
1	21	22	40	0.2	1	179	71
1	21	22	45	0.7	1	348	45
1	21	22	50	0.5	2	343	74
1	21	22	55	0.9	1	334	61
1	21	23	0	0.5	1	52	56
1	21	23	5	0.3	2	263	56
1	21	23	10	0.6	1	211	34
1	21	23	15	0.7	1	245	27
1	21	23	20	0.9	2	237	24
1	21	23	25	0.5	1	214	29
1	21	23	30	0.3	0	217	19
1	21	23	35	0.2	0	141	41
1	21	23	40	0.6	2	58	52
1	21	23	45	0.4	1	39	77
1	21	23	50	0.5	1	322	82
1	21	23	55	0.5	2	219	27
1	22	0	0	0.7	1	231	30
1	22	0	5	0.5	1	230	27
1	22	0	10	0.5	1	219	20
1	22	0	15	0.3	1	197	17
1	22	0	20	0.3	0	200	9
1	22	0	25	0.1	0	211	14
1	22	0	30	0.5	1	208	17
1	22	0	35	0.8	1	207	31
1	22	0	40	0.7	1	205	16
1	22	0	45	0.4	1	222	27
1	22	0	50	0.4	1	212	20
1	22	0	55	0.7	1	215	17
1	22	1	0	0.5	1	235	35
1	22	1	5	0.8	1	208	15
1	22	1	10	0.7	1	226	21
1	22	1	15	0.4	1	218	21
1	22	1	20	0.5	2	233	15
1	22	1	25	0.8	1	235	24
1	22	1	30	0.7	1	213	18
1	22	1	35	0.7	1	215	18
1	22	1	40	0.6	1	209	17
1	22	1	45	0.9	2	208	16
1	22	1	50	0.7	1	223	18
1	22	1	55	0.5	1	227	16
1	22	2	0	0.5	1	239	19
1	22	2	5	0.3	0	230	23
1	22	2	10	0.2	0	250	18
1	22	2	15	0.4	1	240	19
1	22	2	20	0.5	1	252	15
1	22	2	25	0.3	1	227	28
1	22	2	30	0.5	1	304	35
1	22	2	35	0.1	0	241	27
1	22	2	40	0.1	1	249	12
1	22	2	45	0.3	1	298	41
1	22	2	50	0.3	0	247	24
1	22	2	55	0.2	0	214	13
1	22	3	0	0.1	1	237	20
1	22	3	5	0.1	0	211	30
1	22	3	10	0.0	0	137	32
1	22	3	15	0.0	0	92	19
1	22	3	20	0.0	0	86	6
1	22	3	25	0.1	0	97	13
1	22	3	30	0.0	0	79	97
1	22	3	35	0.1	0	198	26
1	22	3	40	0.1	0	221	43
1	22	3	45	0.0	0	155	32
1	22	3	50	0.1	1	89	90
1	22	3	55	0.2	0	202	13
1	22	4	0	0.5	2	242	17
1	22	4	5	0.3	0	211	35
1	22	4	10	0.3	1	217	17
1	22	4	15	0.3	0	208	9
1	22	4	20	0.2	1	214	15
1	22	4	25	0.1	0	215	19
1	22	4	30	0.3	1	214	15
1	22	4	35	0.3	0	212	19
1	22	4	40	0.1	0	162	32
1	22	4	45	0.1	0	145	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)
1	22	4	50	0.4	1	232	29
1	22	4	55	0.4	1	214	19
1	22	5	0	0.2	0	235	29
1	22	5	5	0.2	1	205	29
1	22	5	10	0.1	0	190	26
1	22	5	15	0.1	1	222	16
1	22	5	20	0.1	0	207	14
1	22	5	25	0.4	0	210	15
1	22	5	30	0.0	0	171	25
1	22	5	35	0.0	0	138	16
1	22	5	40	0.1	0	187	26
1	22	5	45	0.0	0	163	26
1	22	5	50	0.2	0	211	18
1	22	5	55	0.1	0	212	15
1	22	6	0	0.1	0	196	8
1	22	6	5	0.3	0	212	11
1	22	6	10	0.2	0	133	20
1	22	6	15	0.1	0	144	34
1	22	6	20	0.5	1	226	22
1	22	6	25	0.5	1	207	17
1	22	6	30	0.1	0	152	28
1	22	6	35	0.0	0	238	47
1	22	6	40	0.0	0	163	64
1	22	6	45	0.0	0	200	9
1	22	6	50	0.0	0	178	9
1	22	6	55	0.1	0	205	8
1	22	7	0	0.3	0	207	24
1	22	7	5	0.0	0	145	4
1	22	7	10	0.0	0	141	1
1	22	7	15	0.3	1	191	20
1	22	7	20	0.5	1	196	8
1	22	7	25	0.2	1	224	17
1	22	7	30	0.6	1	221	15
1	22	7	35	0.5	1	219	17
1	22	7	40	0.4	1	216	12
1	22	7	45	0.5	0	209	8
1	22	7	50	0.1	0	214	8
1	22	7	55	0.1	0	323	56
1	22	8	0	0.2	0	213	34
1	22	8	5	0.0	0	192	5
1	22	8	10	0.0	0	145	6
1	22	8	15	0.0	0	134	8
1	22	8	20	0.0	0	198	44
1	22	8	25	0.0	0	317	34
1	22	8	30	0.1	0	11	34
1	22	8	35	0.1	0	67	46
1	22	8	40	0.1	1	328	33
1	22	8	45	0.5	1	19	37
1	22	8	50	0.7	1	348	30
1	22	8	55	0.7	1	352	28
1	22	9	0	0.3	1	356	27
1	22	9	5	0.2	0	351	27
1	22	9	10	0.2	0	341	30
1	22	9	15	0.5	1	343	23
1	22	9	20	0.3	1	340	38
1	22	9	25	0.7	1	350	27
1	22	9	30	0.4	1	359	28
1	22	9	35	0.4	1	349	35
1	22	9	40	0.2	0	5	45
1	22	9	45	0.5	1	354	29
1	22	9	50	0.6	1	359	40
1	22	9	55	0.6	1	41	36
1	22	10	0	0.6	1	36	57
1	22	10	5	0.6	1	355	26
1	22	10	10	0.6	1	16	41
1	22	10	15	0.5	1	9	36
1	22	10	20	0.4	1	35	45
1	22	10	25	0.7	1	44	34
1	22	10	30	0.2	1	68	50
1	22	10	35	0.3	1	37	49
1	22	10	40	0.4	1	12	33
1	22	10	45	0.5	1	345	26
1	22	10	50	0.8	1	349	30
1	22	10	55	0.6	1	27	33
1	22	11	0	0.5	1	10	64
1	22	11	5	0.7	1	334	24
1	22	11	10	0.4	1	356	49
1	22	11	15	1.0	1	352	27
1	22	11	20	0.7	0	353	37
1	22	11	25	0.8	2	2	29
1	22	11	30	0.8	1	23	47
1	22	11	35	0.7	2	34	51
1	22	11	40	0.5	2	9	40
1	22	11	45	0.7	1	25	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)
1	22	11	50	0.7	2	24	41
1	22	11	55	1.0	2	9	30
1	22	12	0	1.2	1	348	28
1	22	12	5	1.0	1	30	44
1	22	12	10	0.9	2	7	65
1	22	12	15	1.0	3	34	54
1	22	12	20	0.9	2	57	64
1	22	12	25	0.8	3	124	82
1	22	12	30	1.5	3	63	29
1	22	12	35	0.7	1	344	55
1	22	12	40	1.6	1	32	44
1	22	12	45	1.4	3	42	44
1	22	12	50	1.2	3	46	46
1	22	12	55	1.3	1	64	43
1	22	13	0	1.4	3	62	42
1	22	13	5	1.0	2	11	98
1	22	13	10	1.0	1	205	71
1	22	13	15	0.5	1	125	80
1	22	13	20	0.8	1	111	100
1	22	13	25	0.2	0	113	93
1	22	13	30	0.4	2	102	95
1	22	13	35	0.9	2	317	74
1	22	13	40	1.2	2	49	42
1	22	13	45	1.3	2	60	49
1	22	13	50	0.8	2	337	59
1	22	13	55	1.6	3	59	26
1	22	14	0	0.3	1	288	91
1	22	14	5	1.4	2	71	49
1	22	14	10	0.8	2	166	97
1	22	14	15	1.0	1	36	50
1	22	14	20	0.7	1	289	54
1	22	14	25	0.4	1	303	62
1	22	14	30	1.0	2	120	56
1	22	14	35	1.1	2	172	62
1	22	14	40	0.9	0	234	46
1	22	14	45	0.7	1	261	64
1	22	14	50	0.9	3	79	80
1	22	14	55	0.8	1	51	53
1	22	15	0	0.6	1	49	69
1	22	15	5	0.9	2	141	72
1	22	15	10	1.1	1	177	64
1	22	15	15	0.4	1	252	75
1	22	15	20	0.8	2	21	61
1	22	15	25	0.4	1	290	77
1	22	15	30	0.4	2	36	70
1	22	15	35	0.5	2	253	82
1	22	15	40	0.5	1	267	86
1	22	15	45	0.8	2	170	49
1	22	15	50	0.6	1	63	55
1	22	15	55	0.4	0	97	61
1	22	16	0	0.4	1	157	60
1	22	16	5	0.4	1	77	50
1	22	16	10	0.8	1	97	68
1	22	16	15	0.4	1	140	76
1	22	16	20	0.3	0	107	65
1	22	16	25	0.6	1	122	35
1	22	16	30	1.0	1	126	42
1	22	16	35	0.8	2	51	48
1	22	16	40	0.5	2	11	61
1	22	16	45	0.4	1	120	73
1	22	16	50	0.6	1	94	39
1	22	16	55	0.6	1	72	55
1	22	17	0	0.2	1	11	88
1	22	17	5	0.2	1	107	44
1	22	17	10	0.7	0	72	58
1	22	17	15	0.4	2	113	80
1	22	17	20	0.9	2	81	39
1	22	17	25	1.0	1	67	26
1	22	17	30	1.2	1	46	24
1	22	17	35	0.6	1	82	41
1	22	17	40	0.8	1	82	39
1	22	17	45	0.5	1	84	38
1	22	17	50	0.3	1	117	39
1	22	17	55	0.4	0	101	33
1	22	18	0	0.2	0	133	46
1	22	18	5	0.1	1	187	41
1	22	18	10	0.4	1	81	62
1	22	18	15	0.4	1	70	48
1	22	18	20	0.8	1	61	34
1	22	18	25	0.9	1	86	24
1	22	18	30	0.9	2	84	29
1	22	18	35	0.7	1	83	39
1	22	18	40	0.8	2	82	37
1	22	18	45	0.9	2	70	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)
1	22	18	50	0.8	2	92	26
1	22	18	55	0.9	2	76	25
1	22	19	0	0.8	1	74	50
1	22	19	5	0.8	2	83	35
1	22	19	10	1.2	2	67	38
1	22	19	15	0.9	2	62	37
1	22	19	20	0.9	1	77	32
1	22	19	25	1.2	2	68	24
1	22	19	30	0.6	0	53	51
1	22	19	35	0.2	1	336	83
1	22	19	40	0.1	0	303	71
1	22	19	45	0.1	0	207	58
1	22	19	50	0.1	0	158	50
1	22	19	55	0.2	0	221	54
1	22	20	0	0.1	0	180	59
1	22	20	5	0.2	1	178	53
1	22	20	10	0.1	1	183	62
1	22	20	15	0.3	1	224	61
1	22	20	20	0.2	0	201	52
1	22	20	25	0.3	1	203	31
1	22	20	30	0.2	1	207	32
1	22	20	35	0.4	1	237	19
1	22	20	40	0.1	0	207	45
1	22	20	45	0.4	1	202	10
1	22	20	50	0.4	1	212	21
1	22	20	55	0.2	0	205	23
1	22	21	0	0.2	1	211	27
1	22	21	5	0.3	1	217	15
1	22	21	10	0.2	1	209	21
1	22	21	15	0.4	1	209	13
1	22	21	20	0.1	0	231	26
1	22	21	25	0.0	0	234	21
1	22	21	30	0.1	1	210	33
1	22	21	35	0.4	1	210	13
1	22	21	40	0.4	0	221	18
1	22	21	45	0.2	0	213	20
1	22	21	50	0.4	1	214	17
1	22	21	55	0.3	1	221	14
1	22	22	0	0.5	0	207	11
1	22	22	5	0.5	1	207	13
1	22	22	10	0.3	1	220	19
1	22	22	15	0.3	0	209	16
1	22	22	20	0.3	0	212	18
1	22	22	25	0.2	0	230	19
1	22	22	30	0.2	0	190	56
1	22	22	35	0.2	1	159	37
1	22	22	40	0.0	0	162	25
1	22	22	45	0.3	0	187	44
1	22	22	50	0.0	1	153	25
1	22	22	55	0.2	0	207	18
1	22	23	0	0.4	1	212	21
1	22	23	5	0.0	0	179	16
1	22	23	10	0.4	1	212	32
1	22	23	15	0.2	0	195	25
1	22	23	20	0.3	1	208	11
1	22	23	25	0.4	1	206	20
1	22	23	30	0.3	1	238	19
1	22	23	35	0.4	1	210	12
1	22	23	40	0.3	1	209	20
1	22	23	45	0.3	0	215	13
1	22	23	50	0.2	0	229	16
1	22	23	55	0.6	1	211	12
1	23	0	0	0.5	1	216	14
1	23	0	5	0.6	1	208	8
1	23	0	10	0.5	1	213	11
1	23	0	15	0.2	0	196	19
1	23	0	20	0.0	0	153	10
1	23	0	25	0.0	0	147	0
1	23	0	30	0.0	0	169	21
1	23	0	35	0.3	0	210	12
1	23	0	40	0.4	1	201	12
1	23	0	45	0.2	0	208	12
1	23	0	50	0.2	1	228	10
1	23	0	55	0.3	0	215	12
1	23	1	0	0.2	0	220	24
1	23	1	5	0.1	1	252	49
1	23	1	10	0.2	0	221	36
1	23	1	15	0.2	0	218	23
1	23	1	20	0.4	1	211	13
1	23	1	25	0.4	1	222	19
1	23	1	30	0.4	1	224	23
1	23	1	35	0.3	0	234	55
1	23	1	40	0.3	1	224	49
1	23	1	45	0.2	0	198	6

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)
1	23	1	50	0.0	0	201	1
1	23	1	55	0.0	0	25	79
1	23	2	0	0.1	0	154	55
1	23	2	5	0.0	0	213	7
1	23	2	10	0.0	0	172	15
1	23	2	15	0.0	0	167	16
1	23	2	20	0.0	0	205	14
1	23	2	25	0.1	0	187	8
1	23	2	30	0.4	0	208	14
1	23	2	35	0.2	0	200	7
1	23	2	40	0.3	0	219	11
1	23	2	45	0.2	0	211	15
1	23	2	50	0.0	0	166	33
1	23	2	55	0.1	0	85	10
1	23	3	0	0.1	0	139	80
1	23	3	5	0.3	0	209	12
1	23	3	10	0.3	0	221	14
1	23	3	15	0.4	1	219	15
1	23	3	20	0.3	1	231	20
1	23	3	25	0.3	0	218	17
1	23	3	30	0.0	0	192	54
1	23	3	35	0.0	0	106	43
1	23	3	40	0.2	1	86	44
1	23	3	45	0.2	0	153	41
1	23	3	50	0.4	1	94	64
1	23	3	55	0.3	1	110	82
1	23	4	0	0.2	1	126	68
1	23	4	5	0.6	1	79	85
1	23	4	10	0.4	2	81	40
1	23	4	15	0.7	2	39	49
1	23	4	20	0.9	1	54	38
1	23	4	25	0.6	1	63	29
1	23	4	30	0.2	1	3	72
1	23	4	35	0.3	0	52	62
1	23	4	40	0.2	0	174	52
1	23	4	45	0.3	0	77	74
1	23	4	50	0.2	1	233	81
1	23	4	55	0.6	1	285	61
1	23	5	0	0.8	0	247	32
1	23	5	5	1.3	2	253	31
1	23	5	10	0.8	3	241	50
1	23	5	15	0.9	2	256	38
1	23	5	20	1.2	1	246	30
1	23	5	25	0.7	1	271	45
1	23	5	30	1.0	2	237	25
1	23	5	35	0.8	1	229	40
1	23	5	40	0.8	2	290	49
1	23	5	45	0.3	1	324	77
1	23	5	50	1.2	2	259	45
1	23	5	55	0.8	2	243	40
1	23	6	0	0.5	1	264	63
1	23	6	5	1.3	1	249	29
1	23	6	10	1.1	2	261	18
1	23	6	15	0.9	3	250	38
1	23	6	20	0.6	2	302	69
1	23	6	25	1.7	2	234	35
1	23	6	30	1.0	2	251	58
1	23	6	35	0.8	1	231	37
1	23	6	40	0.5	2	227	54
1	23	6	45	1.2	3	254	53
1	23	6	50	0.8	1	223	35
1	23	6	55	0.7	1	236	35
1	23	7	0	0.5	1	269	55
1	23	7	5	0.6	1	235	43
1	23	7	10	1.0	2	246	28
1	23	7	15	1.1	3	246	43
1	23	7	20	0.9	2	252	33
1	23	7	25	1.4	2	241	27
1	23	7	30	1.0	3	229	37
1	23	7	35	0.8	2	232	35
1	23	7	40	1.2	2	242	25
1	23	7	45	1.6	3	268	24
1	23	7	50	1.7	3	263	36
1	23	7	55	1.8	4	240	49
1	23	8	0	1.0	2	273	59
1	23	8	5	1.2	3	241	44
1	23	8	10	1.5	3	237	42
1	23	8	15	1.0	2	248	44
1	23	8	20	1.8	3	245	35
1	23	8	25	1.4	2	238	45
1	23	8	30	1.3	2	256	47
1	23	8	35	0.9	1	244	65
1	23	8	40	1.1	1	242	40
1	23	8	45	1.0	2	246	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)
1	23	8	50	1.1	1	228	30
1	23	8	55	1.0	2	294	54
1	23	9	0	1.2	2	252	33
1	23	9	5	0.9	2	266	48
1	23	9	10	0.9	2	291	66
1	23	9	15	0.6	1	264	74
1	23	9	20	1.3	5	264	51
1	23	9	25	1.4	4	268	53
1	23	9	30	1.4	3	246	43
1	23	9	35	1.6	4	277	46
1	23	9	40	1.4	3	301	48
1	23	9	45	1.7	3	234	41
1	23	9	50	1.0	2	276	61
1	23	9	55	0.8	1	303	69
1	23	10	0	0.8	3	307	73
1	23	10	5	1.2	4	298	64
1	23	10	10	1.0	3	251	55
1	23	10	15	1.1	2	248	73
1	23	10	20	1.5	1	247	57
1	23	10	25	0.8	3	218	84
1	23	10	30	1.3	3	255	62
1	23	10	35	0.9	2	339	83
1	23	10	40	0.8	2	270	45
1	23	10	45	1.0	3	317	67
1	23	10	50	0.8	1	334	48
1	23	10	55	0.5	2	329	76
1	23	11	0	0.9	3	332	52
1	23	11	5	1.2	3	300	71
1	23	11	10	0.8	1	344	33
1	23	11	15	0.6	1	285	64
1	23	11	20	0.9	1	338	34
1	23	11	25	0.8	2	347	42
1	23	11	30	1.0	2	345	35
1	23	11	35	1.5	2	8	29
1	23	11	40	1.2	2	9	31
1	23	11	45	1.3	1	354	30
1	23	11	50	0.9	2	358	70
1	23	11	55	1.2	1	20	38
1	23	12	0	1.1	3	15	42
1	23	12	5	1.1	1	7	29
1	23	12	10	1.2	2	15	31
1	23	12	15	1.2	2	26	41
1	23	12	20	1.1	1	21	37
1	23	12	25	0.5	2	28	88
1	23	12	30	0.6	2	316	67
1	23	12	35	0.8	1	335	45
1	23	12	40	0.6	2	1	41
1	23	12	45	0.7	1	356	30
1	23	12	50	0.9	2	345	31
1	23	12	55	0.8	2	348	42
1	23	13	0	0.8	2	351	34
1	23	13	5	0.6	1	358	71
1	23	13	10	0.7	1	345	27
1	23	13	15	0.6	2	333	57
1	23	13	20	0.2	1	350	86
1	23	13	25	0.9	1	359	52
1	23	13	30	0.7	3	329	31
1	23	13	35	0.7	1	342	50
1	23	13	40	0.8	2	300	70
1	23	13	45	0.7	1	319	82
1	23	13	50	0.5	1	1	85
1	23	13	55	0.3	2	329	56
1	23	14	0	0.4	1	1	67
1	23	14	5	0.9	2	4	32
1	23	14	10	0.7	1	346	53
1	23	14	15	0.4	1	310	93
1	23	14	20	0.7	2	331	54
1	23	14	25	0.7	1	344	35
1	23	14	30	0.5	1	296	60
1	23	14	35	0.3	1	3	78
1	23	14	40	0.6	1	341	49
1	23	14	45	0.6	2	317	56
1	23	14	50	0.8	1	229	55
1	23	14	55	0.4	1	259	49
1	23	15	0	0.4	0	294	79
1	23	15	5	0.5	2	275	49
1	23	15	10	0.3	0	287	65
1	23	15	15	0.4	1	304	74
1	23	15	20	0.6	2	285	85
1	23	15	25	0.5	1	262	53
1	23	15	30	0.3	1	35	74
1	23	15	35	0.4	2	242	90
1	23	15	40	0.6	2	243	38
1	23	15	45	0.9	2	235	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)
1	23	15	50	1.3	2	242	40
1	23	15	55	1.1	2	231	34
1	23	16	0	0.8	1	269	34
1	23	16	5	0.7	2	291	39
1	23	16	10	0.7	1	272	41
1	23	16	15	0.4	1	310	90
1	23	16	20	0.7	1	4	71
1	23	16	25	0.9	3	44	59
1	23	16	30	1.1	3	67	44
1	23	16	35	1.0	2	95	59
1	23	16	40	0.9	2	80	59
1	23	16	45	0.8	2	71	47
1	23	16	50	1.2	2	85	37
1	23	16	55	0.8	3	74	47
1	23	17	0	0.9	1	97	67
1	23	17	5	0.8	2	87	45
1	23	17	10	0.7	3	76	74
1	23	17	15	0.9	3	77	31
1	23	17	20	1.0	2	42	54
1	23	17	25	0.5	1	54	69
1	23	17	30	0.4	1	285	56
1	23	17	35	0.8	1	331	41
1	23	17	40	0.8	1	32	89
1	23	17	45	0.3	1	41	88
1	23	17	50	0.5	1	167	64
1	23	17	55	0.4	1	194	40
1	23	18	0	0.3	1	231	66
1	23	18	5	0.9	1	62	62
1	23	18	10	0.9	3	62	94
1	23	18	15	0.9	1	4	36
1	23	18	20	1.0	1	335	36
1	23	18	25	0.9	1	318	41
1	23	18	30	0.8	2	0	45
1	23	18	35	0.9	1	3	38
1	23	18	40	0.8	3	322	56
1	23	18	45	0.6	0	324	52
1	23	18	50	0.5	2	351	60
1	23	18	55	0.4	1	326	46
1	23	19	0	0.4	0	268	79
1	23	19	5	0.4	1	216	49
1	23	19	10	0.3	1	229	49
1	23	19	15	0.7	2	225	32
1	23	19	20	0.8	2	230	70
1	23	19	25	0.6	1	250	52
1	23	19	30	0.8	2	233	50
1	23	19	35	1.2	2	229	34
1	23	19	40	1.3	1	252	30
1	23	19	45	0.8	1	235	42
1	23	19	50	0.6	1	228	31
1	23	19	55	0.6	1	255	65
1	23	20	0	0.2	0	107	98
1	23	20	5	0.4	1	162	84
1	23	20	10	0.5	2	185	75
1	23	20	15	0.3	0	218	80
1	23	20	20	0.8	1	220	86
1	23	20	25	0.7	2	328	102
1	23	20	30	0.3	1	293	81
1	23	20	35	0.4	0	7	66
1	23	20	40	0.9	1	171	93
1	23	20	45	0.7	2	76	63
1	23	20	50	0.5	1	21	90
1	23	20	55	0.6	2	87	77
1	23	21	0	0.6	1	225	43
1	23	21	5	0.3	1	294	101
1	23	21	10	0.9	4	83	86
1	23	21	15	0.7	1	90	91
1	23	21	20	0.8	2	90	76
1	23	21	25	0.4	0	34	56
1	23	21	30	0.9	2	15	76
1	23	21	35	1.1	2	22	36
1	23	21	40	0.7	2	303	94
1	23	21	45	0.5	1	246	65
1	23	21	50	0.3	0	202	73
1	23	21	55	0.9	2	256	46
1	23	22	0	0.7	1	238	48
1	23	22	5	0.7	1	251	49
1	23	22	10	0.6	3	319	38
1	23	22	15	0.6	0	346	45
1	23	22	20	0.7	1	262	32
1	23	22	25	0.4	0	6	61
1	23	22	30	0.5	1	39	66
1	23	22	35	0.2	1	98	99
1	23	22	40	0.3	1	126	85
1	23	22	45	0.8	3	341	58

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)
1	23	22	50	0.9	2	57	80
1	23	22	55	0.5	2	43	87
1	23	23	0	0.6	1	68	71
1	23	23	5	1.1	2	244	51
1	23	23	10	1.0	1	0	62
1	23	23	15	0.6	0	272	59
1	23	23	20	0.2	1	325	52
1	23	23	25	1.0	1	23	80
1	23	23	30	1.0	2	18	57
1	23	23	35	1.1	2	342	83
1	23	23	40	0.7	2	13	72
1	23	23	45	0.4	0	321	58
1	23	23	50	1.0	3	31	80
1	23	23	55	0.8	2	312	57
1	24	0	0	0.9	1	350	74
1	24	0	5	0.7	1	250	59
1	24	0	10	0.6	1	286	85
1	24	0	15	0.6	2	330	62
1	24	0	20	0.7	3	52	65
1	24	0	25	0.9	1	356	61
1	24	0	30	0.9	2	41	62
1	24	0	35	1.1	0	64	82
1	24	0	40	0.2	1	36	76
1	24	0	45	0.7	2	15	62
1	24	0	50	1.1	2	251	71
1	24	0	55	0.8	1	292	99
1	24	1	0	0.8	1	197	70
1	24	1	5	0.6	1	201	87
1	24	1	10	0.7	1	44	62
1	24	1	15	0.7	2	82	86
1	24	1	20	0.8	1	231	70
1	24	1	25	0.9	2	241	85
1	24	1	30	0.7	1	230	81
1	24	1	35	0.8	1	239	69
1	24	1	40	0.4	2	341	54
1	24	1	45	0.5	1	283	63
1	24	1	50	0.2	1	269	83
1	24	1	55	0.7	2	216	89
1	24	2	0	1.0	2	233	41
1	24	2	5	0.9	1	228	78
1	24	2	10	0.9	4	284	85
1	24	2	15	0.6	0	207	93
1	24	2	20	0.4	1	214	88
1	24	2	25	0.8	2	298	72
1	24	2	30	1.3	3	245	31
1	24	2	35	0.7	1	219	27
1	24	2	40	0.6	1	275	69
1	24	2	45	1.0	3	241	37
1	24	2	50	1.0	5	249	46
1	24	2	55	1.1	2	237	35
1	24	3	0	1.3	2	244	59
1	24	3	5	0.6	1	256	58
1	24	3	10	0.9	2	240	51
1	24	3	15	1.0	4	229	59
1	24	3	20	0.7	1	296	78
1	24	3	25	0.6	1	308	50
1	24	3	30	0.8	2	307	92
1	24	3	35	1.1	1	316	70
1	24	3	40	0.9	2	224	73
1	24	3	45	0.8	1	276	56
1	24	3	50	0.6	2	226	50
1	24	3	55	0.6	2	263	65
1	24	4	0	1.5	3	254	71
1	24	4	5	0.6	1	192	72
1	24	4	10	1.3	4	244	62
1	24	4	15	1.4	0	220	51
1	24	4	20	1.0	2	217	70
1	24	4	25	0.8	1	334	80
1	24	4	30	0.4	1	37	61
1	24	4	35	0.9	2	282	92
1	24	4	40	0.9	1	262	53
1	24	4	45	0.9	1	299	56
1	24	4	50	1.5	2	286	99
1	24	4	55	1.3	5	296	65
1	24	5	0	1.1	2	240	85
1	24	5	5	0.9	2	100	90
1	24	5	10	1.4	5	355	90
1	24	5	15	1.1	1	355	62
1	24	5	20	1.6	4	344	76
1	24	5	25	1.3	3	358	62
1	24	5	30	0.7	4	264	78
1	24	5	35	1.4	2	9	68
1	24	5	40	1.4	3	288	62
1	24	5	45	0.9	1	211	83

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)
1	24	5	50	1.3	3	320	78
1	24	5	55	1.3	1	347	84
1	24	6	0	0.9	1	244	64
1	24	6	5	0.9	2	247	37
1	24	6	10	1.3	2	259	60
1	24	6	15	1.0	2	289	57
1	24	6	20	1.1	2	42	85
1	24	6	25	0.9	1	265	50
1	24	6	30	1.0	4	277	75
1	24	6	35	1.8	6	291	77
1	24	6	40	1.7	4	296	84
1	24	6	45	1.4	4	252	56
1	24	6	50	1.6	2	287	60
1	24	6	55	1.0	2	248	60
1	24	7	0	1.7	5	18	78
1	24	7	5	1.2	3	325	61
1	24	7	10	0.9	3	278	89
1	24	7	15	1.4	4	6	85
1	24	7	20	0.8	1	324	67
1	24	7	25	1.1	3	260	88
1	24	7	30	1.1	2	54	99
1	24	7	35	1.5	4	267	75
1	24	7	40	1.2	5	355	56
1	24	7	45	1.2	2	36	80
1	24	7	50	0.7	1	340	64
1	24	7	55	0.4	3	331	77
1	24	8	0	1.2	3	289	79
1	24	8	5	0.9	2	277	90
1	24	8	10	1.2	1	334	76
1	24	8	15	1.1	2	253	83
1	24	8	20	0.6	1	218	69
1	24	8	25	1.2	3	247	39
1	24	8	30	1.4	1	231	62
1	24	8	35	1.1	1	104	98
1	24	8	40	0.8	1	127	95
1	24	8	45	0.4	1	306	77
1	24	8	50	0.8	2	218	70
1	24	8	55	1.2	3	271	69
1	24	9	0	1.1	4	247	66
1	24	9	5	0.6	1	230	96
1	24	9	10	1.4	2	251	84
1	24	9	15	1.4	2	286	73
1	24	9	20	1.3	4	276	66
1	24	9	25	2.1	5	238	59
1	24	9	30	1.1	2	289	58
1	24	9	35	1.0	1	262	66
1	24	9	40	0.9	2	243	87
1	24	9	45	1.6	2	7	70
1	24	9	50	1.4	3	40	81
1	24	9	55	1.4	1	49	57
1	24	10	0	1.7	2	229	74
1	24	10	5	1.2	2	325	83
1	24	10	10	0.9	2	41	76
1	24	10	15	1.1	2	307	91
1	24	10	20	1.2	3	325	78
1	24	10	25	1.5	3	342	86
1	24	10	30	1.4	3	319	99
1	24	10	35	0.8	1	116	34
1	24	10	40	0.9	3	359	67
1	24	10	45	1.3	2	46	66
1	24	10	50	0.9	1	66	85
1	24	10	55	1.1	1	1	56
1	24	11	0	0.7	2	67	65
1	24	11	5	1.7	4	12	54
1	24	11	10	0.8	2	318	56
1	24	11	15	1.1	4	39	61
1	24	11	20	0.7	1	31	65
1	24	11	25	1.1	1	315	68
1	24	11	30	1.1	2	351	82
1	24	11	35	0.8	2	62	75
1	24	11	40	1.0	2	347	84
1	24	11	45	1.2	3	52	42
1	24	11	50	0.9	2	63	60
1	24	11	55	1.2	3	52	87
1	24	12	0	1.0	2	15	77
1	24	12	5	0.8	3	339	84
1	24	12	10	0.7	1	35	79
1	24	12	15	0.9	3	336	90
1	24	12	20	0.6	3	330	64
1	24	12	25	0.5	1	341	89
1	24	12	30	0.6	2	321	80
1	24	12	35	1.0	3	350	45
1	24	12	40	1.2	2	228	66
1	24	12	45	1.0	2	33	93

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)
1	24	12	50	1.8	3	27	47
1	24	12	55	0.9	1	24	84
1	24	13	0	1.2	2	359	82
1	24	13	5	0.9	2	272	86
1	24	13	10	0.8	1	11	74
1	24	13	15	0.8	2	317	70
1	24	13	20	0.8	3	323	60
1	24	13	25	1.2	3	270	41
1	24	13	30	1.3	2	343	61
1	24	13	35	0.9	2	201	76
1	24	13	40	0.9	2	343	64
1	24	13	45	1.3	2	356	90
1	24	13	50	0.8	2	280	68
1	24	13	55	0.8	1	355	90
1	24	14	0	0.3	2	33	92
1	24	14	5	0.7	2	256	91
1	24	14	10	1.1	2	274	57
1	24	14	15	0.6	1	240	80
1	24	14	20	1.1	3	186	77
1	24	14	25	1.1	1	217	70
1	24	14	30	0.7	2	345	61
1	24	14	35	0.5	2	354	77
1	24	14	40	0.7	1	288	88
1	24	14	45	1.0	3	291	59
1	24	14	50	1.1	2	250	38
1	24	14	55	1.2	2	254	54
1	24	15	0	0.3	1	325	81
1	24	15	5	0.4	2	347	45
1	24	15	10	0.8	1	343	70
1	24	15	15	0.7	2	310	60
1	24	15	20	0.7	3	224	60
1	24	15	25	0.8	1	228	49
1	24	15	30	0.7	1	317	75
1	24	15	35	0.4	2	40	92
1	24	15	40	0.8	2	233	86
1	24	15	45	1.2	3	252	38
1	24	15	50	1.0	2	249	46
1	24	15	55	1.2	3	274	41
1	24	16	0	1.2	2	257	34
1	24	16	5	0.7	2	239	32
1	24	16	10	0.6	1	319	75
1	24	16	15	1.0	1	234	38
1	24	16	20	1.4	3	267	53
1	24	16	25	1.3	2	310	60
1	24	16	30	1.3	3	347	85
1	24	16	35	1.1	3	343	58
1	24	16	40	0.8	2	251	50
1	24	16	45	1.2	2	349	72
1	24	16	50	0.4	2	123	87
1	24	16	55	0.4	1	169	85
1	24	17	0	0.9	1	185	89
1	24	17	5	1.3	2	59	95
1	24	17	10	1.6	2	357	47
1	24	17	15	0.8	3	37	83
1	24	17	20	0.3	0	212	55
1	24	17	25	1.0	2	57	70
1	24	17	30	0.6	0	278	61
1	24	17	35	0.7	1	207	85
1	24	17	40	0.5	2	135	73
1	24	17	45	0.4	1	60	57
1	24	17	50	1.1	5	339	75
1	24	17	55	1.0	3	268	70
1	24	18	0	1.0	3	70	89
1	24	18	5	0.9	1	130	72
1	24	18	10	1.1	1	66	75
1	24	18	15	0.9	1	38	73
1	24	18	20	1.2	1	229	48
1	24	18	25	0.7	1	336	60
1	24	18	30	0.8	1	356	47
1	24	18	35	0.2	1	286	76
1	24	18	40	1.0	1	17	68
1	24	18	45	0.6	1	43	79
1	24	18	50	0.8	0	185	88
1	24	18	55	0.7	3	320	66
1	24	19	0	0.8	2	85	84
1	24	19	5	1.0	2	26	62
1	24	19	10	1.0	2	336	58
1	24	19	15	0.3	1	73	68
1	24	19	20	1.1	2	15	61
1	24	19	25	0.8	2	344	48
1	24	19	30	0.9	1	80	45
1	24	19	35	0.8	2	343	57
1	24	19	40	1.5	3	7	37
1	24	19	45	0.7	2	356	58

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)
1	24	19	50	0.7	2	0	63
1	24	19	55	0.7	1	339	72
1	24	20	0	1.3	3	334	41
1	24	20	5	1.0	2	9	81
1	24	20	10	0.7	1	1	91
1	24	20	15	0.9	2	342	54
1	24	20	20	0.8	1	66	94
1	24	20	25	1.3	1	323	84
1	24	20	30	1.4	3	307	93
1	24	20	35	1.1	1	66	65
1	24	20	40	0.8	1	188	23
1	24	20	45	0.6	1	195	37
1	24	20	50	1.0	3	146	64
1	24	20	55	1.1	2	64	67
1	24	21	0	0.6	1	227	62
1	24	21	5	0.6	2	150	91
1	24	21	10	0.9	2	244	71
1	24	21	15	0.9	1	241	53
1	24	21	20	0.6	1	205	55
1	24	21	25	0.8	1	22	74
1	24	21	30	1.3	3	242	40
1	24	21	35	0.9	1	268	57
1	24	21	40	1.0	4	322	44
1	24	21	45	1.3	3	209	62
1	24	21	50	1.3	2	154	81
1	24	21	55	1.1	2	140	73
1	24	22	0	0.5	1	216	78
1	24	22	5	0.5	1	319	68
1	24	22	10	1.2	1	267	39
1	24	22	15	0.8	2	236	50
1	24	22	20	0.5	1	236	82
1	24	22	25	0.8	0	227	34
1	24	22	30	0.4	1	54	76
1	24	22	35	0.6	1	229	61
1	24	22	40	1.2	2	234	27
1	24	22	45	0.7	1	215	93
1	24	22	50	0.7	1	316	89
1	24	22	55	1.0	2	257	54
1	24	23	0	1.5	2	243	33
1	24	23	5	1.1	2	238	28
1	24	23	10	0.8	1	256	43
1	24	23	15	0.9	1	232	67
1	24	23	20	1.0	1	289	51
1	24	23	25	1.1	2	275	63
1	24	23	30	1.0	2	285	59
1	24	23	35	1.5	3	253	39
1	24	23	40	1.3	1	252	46
1	24	23	45	0.4	1	274	76
1	24	23	50	1.2	2	255	44
1	24	23	55	0.8	2	250	25
1	25	0	0	1.4	2	246	20
1	25	0	5	1.0	2	267	56
1	25	0	10	0.9	2	273	61
1	25	0	15	1.0	2	202	27
1	25	0	20	0.8	2	234	44
1	25	0	25	1.0	1	253	28
1	25	0	30	1.0	2	236	29
1	25	0	35	0.6	1	255	38
1	25	0	40	0.7	3	251	69
1	25	0	45	1.0	2	237	33
1	25	0	50	0.5	1	227	34
1	25	0	55	0.6	0	263	27
1	25	1	0	0.7	1	327	75
1	25	1	5	0.8	3	319	45
1	25	1	10	1.2	1	352	47
1	25	1	15	0.1	0	96	60
1	25	1	20	0.7	1	188	10
1	25	1	25	0.6	1	226	54
1	25	1	30	0.2	1	174	70
1	25	1	35	0.9	2	181	24
1	25	1	40	1.0	2	189	25
1	25	1	45	1.1	1	190	14
1	25	1	50	0.6	1	201	24
1	25	1	55	0.5	1	284	30
1	25	2	0	0.4	1	235	33
1	25	2	5	0.3	0	187	13
1	25	2	10	0.3	1	145	39
1	25	2	15	0.4	1	195	12
1	25	2	20	0.9	1	206	13
1	25	2	25	0.8	2	201	13
1	25	2	30	0.9	1	198	14
1	25	2	35	0.4	1	145	64
1	25	2	40	0.5	1	112	54
1	25	2	45	0.8	2	67	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)
1	25	2	50	0.6	1	52	41
1	25	2	55	1.7	4	69	42
1	25	3	0	0.9	1	95	72
1	25	3	5	0.7	1	103	61
1	25	3	10	0.5	1	116	79
1	25	3	15	0.9	3	69	50
1	25	3	20	0.4	1	247	82
1	25	3	25	0.3	0	201	36
1	25	3	30	0.4	1	250	57
1	25	3	35	0.5	2	17	73
1	25	3	40	0.7	1	334	70
1	25	3	45	1.0	2	254	64
1	25	3	50	0.4	1	194	55
1	25	3	55	0.6	2	204	33
1	25	4	0	0.6	0	227	29
1	25	4	5	0.4	1	161	55
1	25	4	10	0.8	2	197	32
1	25	4	15	0.9	0	179	30
1	25	4	20	0.7	1	178	36
1	25	4	25	0.8	1	174	40
1	25	4	30	0.4	2	182	91
1	25	4	35	0.3	0	94	44
1	25	4	40	0.1	0	47	35
1	25	4	45	0.0	0	327	40
1	25	4	50	0.4	1	168	43
1	25	4	55	0.3	1	127	67
1	25	5	0	0.7	2	218	20
1	25	5	5	1.0	1	208	16
1	25	5	10	0.8	1	171	29
1	25	5	15	1.1	3	193	22
1	25	5	20	0.5	0	231	57
1	25	5	25	0.4	1	183	32
1	25	5	30	0.9	3	117	35
1	25	5	35	0.4	0	101	47
1	25	5	40	0.1	1	252	72
1	25	5	45	0.5	0	317	42
1	25	5	50	0.6	1	208	46
1	25	5	55	0.6	1	228	37
1	25	6	0	0.8	1	238	39
1	25	6	5	0.3	0	136	21
1	25	6	10	0.3	0	213	61
1	25	6	15	0.3	1	201	46
1	25	6	20	0.3	1	125	25
1	25	6	25	0.6	2	187	33
1	25	6	30	0.5	0	200	36
1	25	6	35	0.3	0	298	66
1	25	6	40	1.0	1	244	31
1	25	6	45	1.3	2	268	37
1	25	6	50	0.9	1	251	34
1	25	6	55	0.8	1	352	60
1	25	7	0	0.8	1	355	48
1	25	7	5	1.1	2	352	56
1	25	7	10	0.5	2	319	60
1	25	7	15	1.0	1	340	28
1	25	7	20	1.2	2	326	32
1	25	7	25	0.8	2	12	63
1	25	7	30	0.4	1	70	48
1	25	7	35	0.4	1	120	40
1	25	7	40	0.2	0	174	33
1	25	7	45	0.4	0	198	13
1	25	7	50	0.3	1	237	39
1	25	7	55	0.4	1	125	35
1	25	8	0	0.0	0	153	10
1	25	8	5	0.2	1	123	62
1	25	8	10	0.2	1	161	56
1	25	8	15	0.1	0	148	54
1	25	8	20	0.4	0	182	26
1	25	8	25	0.2	0	170	47
1	25	8	30	0.2	1	47	69
1	25	8	35	0.5	1	37	37
1	25	8	40	0.0	0	26	63
1	25	8	45	0.5	2	268	54
1	25	8	50	0.3	0	292	56
1	25	8	55	0.7	2	20	39
1	25	9	0	0.3	0	16	47
1	25	9	5	0.7	2	327	41
1	25	9	10	0.4	0	13	40
1	25	9	15	0.6	1	107	35
1	25	9	20	0.6	1	161	35
1	25	9	25	0.7	2	184	32
1	25	9	30	1.4	2	199	15
1	25	9	35	0.6	1	196	37
1	25	9	40	0.5	1	246	52
1	25	9	45	0.6	1	224	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)
1	25	9	50	0.7	1	198	72
1	25	9	55	0.6	2	224	79
1	25	10	0	0.4	1	250	63
1	25	10	5	0.2	1	247	30
1	25	10	10	0.4	0	222	31
1	25	10	15	0.3	0	228	34
1	25	10	20	0.4	0	29	58
1	25	10	25	0.5	2	352	57
1	25	10	30	0.3	1	107	22
1	25	10	35	0.3	2	144	46
1	25	10	40	0.5	1	181	34
1	25	10	45	0.6	2	160	33
1	25	10	50	0.9	2	176	28
1	25	10	55	0.7	2	179	31
1	25	11	0	0.6	1	169	32
1	25	11	5	0.4	1	155	34
1	25	11	10	0.6	1	133	30
1	25	11	15	0.2	1	96	53
1	25	11	20	0.5	1	190	51
1	25	11	25	0.5	1	223	49
1	25	11	30	0.3	1	7	40
1	25	11	35	0.3	1	198	87
1	25	11	40	0.5	1	148	39
1	25	11	45	1.2	1	199	22
1	25	11	50	0.2	0	239	63
1	25	11	55	0.3	1	19	68
1	25	12	0	0.4	1	71	46
1	25	12	5	0.2	1	274	87
1	25	12	10	0.8	1	33	61
1	25	12	15	1.2	2	70	38
1	25	12	20	0.3	1	342	96
1	25	12	25	0.3	1	70	57
1	25	12	30	0.1	1	82	49
1	25	12	35	0.3	1	176	36
1	25	12	40	0.1	0	249	69
1	25	12	45	0.4	1	82	87
1	25	12	50	0.7	2	86	76
1	25	12	55	0.7	2	83	72
1	25	13	0	0.7	1	53	42
1	25	13	5	0.3	1	9	58
1	25	13	10	0.5	1	51	68
1	25	13	15	0.5	1	46	75
1	25	13	20	0.9	2	85	65
1	25	13	25	1.1	3	83	51
1	25	13	30	1.8	4	67	36
1	25	13	35	1.4	3	72	45
1	25	13	40	1.6	2	58	32
1	25	13	45	1.5	3	60	40
1	25	13	50	0.5	2	62	73
1	25	13	55	1.0	2	49	39
1	25	14	0	0.7	2	46	56
1	25	14	5	1.1	2	61	33
1	25	14	10	1.0	3	65	48
1	25	14	15	1.6	4	64	33
1	25	14	20	1.2	1	54	43
1	25	14	25	0.9	2	53	46
1	25	14	30	1.1	5	64	50
1	25	14	35	0.7	1	39	62
1	25	14	40	0.9	2	35	65
1	25	14	45	1.3	2	31	49
1	25	14	50	1.5	5	49	67
1	25	14	55	1.9	4	71	51
1	25	15	0	1.0	3	70	51
1	25	15	5	1.3	1	73	58
1	25	15	10	1.4	3	56	50
1	25	15	15	1.6	4	64	34
1	25	15	20	1.1	2	49	55
1	25	15	25	1.0	2	31	50
1	25	15	30	0.7	2	1	50
1	25	15	35	0.9	1	147	86
1	25	15	40	0.9	1	245	33
1	25	15	45	1.0	1	204	18
1	25	15	50	1.0	2	195	27
1	25	15	55	0.8	2	207	22
1	25	16	0	0.8	1	255	83
1	25	16	5	0.4	1	124	46
1	25	16	10	0.3	1	194	33
1	25	16	15	0.9	2	184	24
1	25	16	20	0.4	1	240	94
1	25	16	25	0.6	1	201	32
1	25	16	30	0.7	2	218	34
1	25	16	35	0.8	2	282	41
1	25	16	40	0.6	1	298	48
1	25	16	45	0.8	1	230	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)
1	25	16	50	0.3	0	190	41
1	25	16	55	0.2	0	177	46
1	25	17	0	0.6	1	228	24
1	25	17	5	0.5	1	222	27
1	25	17	10	1.1	2	261	26
1	25	17	15	0.5	1	225	43
1	25	17	20	0.5	1	233	26
1	25	17	25	0.7	1	253	24
1	25	17	30	0.7	2	232	28
1	25	17	35	1.1	2	271	26
1	25	17	40	1.0	0	253	30
1	25	17	45	0.7	2	248	23
1	25	17	50	0.7	0	254	30
1	25	17	55	0.6	2	230	28
1	25	18	0	0.4	0	236	44
1	25	18	5	0.3	1	249	53
1	25	18	10	0.4	0	247	32
1	25	18	15	0.2	1	163	47
1	25	18	20	0.7	1	204	15
1	25	18	25	0.2	0	188	19
1	25	18	30	0.2	1	212	30
1	25	18	35	0.1	1	329	68
1	25	18	40	0.5	1	242	38
1	25	18	45	0.4	0	261	53
1	25	18	50	0.5	1	204	24
1	25	18	55	0.4	1	280	45
1	25	19	0	0.2	0	223	41
1	25	19	5	0.1	1	348	73
1	25	19	10	0.1	0	212	34
1	25	19	15	0.0	0	181	19
1	25	19	20	0.0	0	158	45
1	25	19	25	0.1	0	175	39
1	25	19	30	0.1	0	144	28
1	25	19	35	0.3	1	140	46
1	25	19	40	0.3	1	174	23
1	25	19	45	0.3	1	184	13
1	25	19	50	0.0	1	153	57
1	25	19	55	0.1	0	165	29
1	25	20	0	0.2	1	121	11
1	25	20	5	0.4	0	115	25
1	25	20	10	0.2	0	131	34
1	25	20	15	0.4	1	125	33
1	25	20	20	0.3	1	74	34
1	25	20	25	0.4	0	101	14
1	25	20	30	0.1	0	103	18
1	25	20	35	0.1	0	174	47
1	25	20	40	0.1	1	172	33
1	25	20	45	0.0	0	127	29
1	25	20	50	0.3	0	78	25
1	25	20	55	0.0	0	231	68
1	25	21	0	0.3	0	182	11
1	25	21	5	0.1	0	146	27
1	25	21	10	0.2	1	131	23
1	25	21	15	0.3	1	128	27
1	25	21	20	0.0	0	210	60
1	25	21	25	0.3	1	166	44
1	25	21	30	0.1	0	111	32
1	25	21	35	0.5	0	196	9
1	25	21	40	0.0	0	147	32
1	25	21	45	0.2	0	147	43
1	25	21	50	0.3	1	144	34
1	25	21	55	0.2	1	133	18
1	25	22	0	0.2	0	176	22
1	25	22	5	0.1	0	233	41
1	25	22	10	0.2	1	156	25
1	25	22	15	0.5	1	143	33
1	25	22	20	0.6	1	117	19
1	25	22	25	0.5	0	113	19
1	25	22	30	0.1	1	143	48
1	25	22	35	0.2	1	162	50
1	25	22	40	0.5	0	187	28
1	25	22	45	0.0	0	126	2
1	25	22	50	0.0	0	127	9
1	25	22	55	0.4	1	220	36
1	25	23	0	0.1	0	277	42
1	25	23	5	0.5	1	110	10
1	25	23	10	0.3	1	121	16
1	25	23	15	0.7	1	117	20
1	25	23	20	0.3	1	139	66
1	25	23	25	0.2	1	97	36
1	25	23	30	0.2	0	115	41
1	25	23	35	0.4	0	113	44
1	25	23	40	0.3	1	140	38
1	25	23	45	0.2	0	196	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)
1	25	23	50	0.2	0	211	41
1	25	23	55	0.1	1	130	36
1	26	0	0	0.3	0	222	50
1	26	0	5	0.2	1	311	35
1	26	0	10	0.3	1	269	35
1	26	0	15	0.1	0	259	76
1	26	0	20	0.1	0	139	49
1	26	0	25	0.0	0	140	21
1	26	0	30	0.0	0	168	7
1	26	0	35	0.1	1	137	32
1	26	0	40	0.2	0	100	35
1	26	0	45	0.0	1	156	14
1	26	0	50	0.5	0	117	11
1	26	0	55	0.5	1	121	10
1	26	1	0	0.2	0	129	22
1	26	1	5	0.4	1	135	31
1	26	1	10	0.2	1	135	16
1	26	1	15	0.2	0	94	40
1	26	1	20	0.4	1	213	13
1	26	1	25	0.6	1	206	14
1	26	1	30	0.1	0	170	29
1	26	1	35	0.0	0	192	22
1	26	1	40	0.4	1	207	20
1	26	1	45	0.2	1	207	15
1	26	1	50	0.4	1	264	29
1	26	1	55	0.2	1	254	36
1	26	2	0	0.3	0	211	12
1	26	2	5	0.1	0	255	49
1	26	2	10	0.3	0	234	34
1	26	2	15	0.0	0	205	23
1	26	2	20	0.0	0	189	1
1	26	2	25	0.0	0	183	5
1	26	2	30	0.0	0	179	0
1	26	2	35	0.0	0	158	13
1	26	2	40	0.0	0	152	11
1	26	2	45	0.1	0	124	13
1	26	2	50	0.1	0	90	14
1	26	2	55	0.1	0	132	23
1	26	3	0	0.2	0	131	18
1	26	3	5	0.2	0	129	7
1	26	3	10	0.0	0	136	9
1	26	3	15	0.0	0	150	2
1	26	3	20	0.2	1	114	38
1	26	3	25	0.3	1	90	17
1	26	3	30	0.1	0	76	38
1	26	3	35	0.2	0	117	16
1	26	3	40	0.2	0	102	9
1	26	3	45	0.1	0	103	9
1	26	3	50	0.0	0	83	24
1	26	3	55	0.0	0	160	19
1	26	4	0	0.2	0	185	27
1	26	4	5	0.2	0	122	38
1	26	4	10	0.1	0	178	16
1	26	4	15	0.3	1	180	27
1	26	4	20	0.3	1	170	28
1	26	4	25	0.0	0	198	37
1	26	4	30	0.2	1	190	35
1	26	4	35	0.2	0	193	15
1	26	4	40	0.3	0	206	10
1	26	4	45	0.2	0	205	16
1	26	4	50	0.1	0	187	6
1	26	4	55	0.4	1	193	7
1	26	5	0	0.3	0	184	19
1	26	5	5	0.4	0	196	19
1	26	5	10	0.3	1	192	38
1	26	5	15	0.1	0	175	16
1	26	5	20	0.2	1	214	40
1	26	5	25	0.3	0	226	31
1	26	5	30	0.1	0	131	22
1	26	5	35	0.1	0	158	51
1	26	5	40	0.0	0	171	21
1	26	5	45	0.2	1	197	12
1	26	5	50	0.4	1	206	10
1	26	5	55	0.1	0	205	20
1	26	6	0	0.1	0	180	14
1	26	6	5	0.2	0	183	16
1	26	6	10	0.0	0	182	26
1	26	6	15	0.1	1	188	7
1	26	6	20	0.4	1	203	41
1	26	6	25	0.7	0	182	27
1	26	6	30	0.1	0	243	20
1	26	6	35	0.3	1	105	74
1	26	6	40	0.4	0	59	69
1	26	6	45	0.1	0	328	102

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)
1	26	6	50	0.0	0	172	47
1	26	6	55	0.2	1	200	44
1	26	7	0	0.4	1	76	38
1	26	7	5	0.0	0	3	55
1	26	7	10	0.3	0	173	15
1	26	7	15	0.1	0	161	24
1	26	7	20	0.3	1	186	37
1	26	7	25	0.2	1	239	94
1	26	7	30	0.5	1	209	45
1	26	7	35	0.2	1	203	66
1	26	7	40	0.3	1	5	79
1	26	7	45	0.2	0	126	88
1	26	7	50	0.0	0	26	61
1	26	7	55	0.0	0	134	25
1	26	8	0	0.2	0	121	50
1	26	8	5	0.3	0	129	46
1	26	8	10	0.1	0	87	26
1	26	8	15	0.4	1	80	30
1	26	8	20	0.6	1	68	26
1	26	8	25	0.2	0	77	30
1	26	8	30	0.0	1	125	45
1	26	8	35	0.2	0	178	17
1	26	8	40	0.1	0	63	42
1	26	8	45	0.0	0	61	46
1	26	8	50	0.0	0	221	3
1	26	8	55	0.4	1	201	13
1	26	9	0	0.5	0	218	43
1	26	9	5	0.2	0	307	31
1	26	9	10	0.4	1	3	41
1	26	9	15	0.6	2	33	54
1	26	9	20	0.5	1	348	26
1	26	9	25	0.5	1	341	18
1	26	9	30	0.0	0	348	11
1	26	9	35	0.5	1	329	23
1	26	9	40	0.2	0	317	36
1	26	9	45	0.3	0	299	29
1	26	9	50	0.1	1	341	54
1	26	9	55	0.4	0	339	15
1	26	10	0	0.3	1	350	23
1	26	10	5	0.5	0	342	22
1	26	10	10	0.2	1	246	43
1	26	10	15	0.1	0	262	35
1	26	10	20	0.1	0	244	22
1	26	10	25	0.0	0	357	94
1	26	10	30	0.4	1	30	26
1	26	10	35	0.7	1	24	25
1	26	10	40	0.3	0	21	48
1	26	10	45	0.1	1	68	52
1	26	10	50	0.5	1	350	54
1	26	10	55	0.3	0	299	25
1	26	11	0	0.4	1	260	43
1	26	11	5	0.4	0	266	33
1	26	11	10	0.1	0	40	69
1	26	11	15	0.2	0	359	37
1	26	11	20	0.0	0	226	88
1	26	11	25	0.2	1	31	42
1	26	11	30	0.5	1	2	55
1	26	11	35	0.6	2	359	43
1	26	11	40	0.3	1	12	78
1	26	11	45	0.2	1	321	36
1	26	11	50	0.4	1	350	28
1	26	11	55	0.5	1	24	38
1	26	12	0	0.5	1	340	22
1	26	12	5	0.7	2	349	44
1	26	12	10	1.1	2	26	59
1	26	12	15	0.9	2	25	50
1	26	12	20	1.3	2	1	42
1	26	12	25	0.9	2	350	24
1	26	12	30	1.0	2	357	29
1	26	12	35	1.1	2	0	37
1	26	12	40	1.0	1	357	27
1	26	12	45	0.7	1	13	54
1	26	12	50	1.1	2	13	41
1	26	12	55	1.0	2	54	52
1	26	13	0	1.0	1	13	53
1	26	13	5	1.5	3	40	37
1	26	13	10	1.3	2	21	47
1	26	13	15	1.2	1	50	44
1	26	13	20	0.9	2	332	77
1	26	13	25	1.0	3	19	50
1	26	13	30	1.2	3	19	45
1	26	13	35	1.3	2	13	44
1	26	13	40	1.5	4	34	55
1	26	13	45	1.6	3	59	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)
1	26	13	50	0.9	2	56	55
1	26	13	55	1.2	3	8	55
1	26	14	0	1.1	2	26	64
1	26	14	5	1.0	2	7	62
1	26	14	10	0.7	1	230	89
1	26	14	15	0.8	2	358	66
1	26	14	20	0.9	3	349	51
1	26	14	25	1.0	2	31	47
1	26	14	30	1.2	4	67	40
1	26	14	35	1.0	3	44	62
1	26	14	40	0.8	1	172	74
1	26	14	45	0.7	2	280	74
1	26	14	50	0.5	2	256	75
1	26	14	55	0.9	3	315	75
1	26	15	0	1.0	3	40	53
1	26	15	5	0.7	2	86	70
1	26	15	10	1.1	1	209	58
1	26	15	15	0.7	1	262	67
1	26	15	20	0.8	2	280	60
1	26	15	25	0.5	1	283	75
1	26	15	30	0.4	0	287	62
1	26	15	35	0.4	1	222	67
1	26	15	40	0.7	2	196	46
1	26	15	45	0.7	1	116	78
1	26	15	50	0.2	0	215	89
1	26	15	55	0.5	1	148	42
1	26	16	0	0.7	2	240	47
1	26	16	5	1.0	0	227	56
1	26	16	10	0.7	1	12	82
1	26	16	15	0.3	0	319	65
1	26	16	20	0.7	1	45	50
1	26	16	25	0.2	1	141	87
1	26	16	30	0.5	1	189	91
1	26	16	35	0.3	1	291	75
1	26	16	40	0.3	1	334	89
1	26	16	45	0.4	1	80	71
1	26	16	50	0.3	0	82	83
1	26	16	55	0.6	2	53	82
1	26	17	0	0.3	1	208	83
1	26	17	5	0.6	1	69	72
1	26	17	10	0.3	1	151	72
1	26	17	15	0.3	1	238	48
1	26	17	20	0.3	0	236	73
1	26	17	25	0.0	0	219	60
1	26	17	30	0.3	1	209	24
1	26	17	35	0.4	1	250	62
1	26	17	40	0.3	1	271	81
1	26	17	45	0.1	1	340	78
1	26	17	50	0.2	1	200	59
1	26	17	55	0.4	0	187	48
1	26	18	0	0.2	0	171	37
1	26	18	5	0.0	0	174	25
1	26	18	10	0.1	0	174	22
1	26	18	15	0.1	0	193	18
1	26	18	20	0.4	1	190	7
1	26	18	25	0.3	1	174	27
1	26	18	30	0.3	0	195	7
1	26	18	35	0.1	0	185	9
1	26	18	40	0.2	1	193	11
1	26	18	45	0.4	1	195	8
1	26	18	50	0.4	1	198	11
1	26	18	55	0.2	0	194	16
1	26	19	0	0.3	0	199	13
1	26	19	5	0.5	1	211	13
1	26	19	10	0.2	1	216	15
1	26	19	15	0.4	1	211	15
1	26	19	20	0.3	1	207	12
1	26	19	25	0.4	1	214	15
1	26	19	30	0.1	0	216	10
1	26	19	35	0.0	0	209	24
1	26	19	40	0.1	0	192	22
1	26	19	45	0.2	1	203	11
1	26	19	50	0.3	1	201	12
1	26	19	55	0.1	0	201	5
1	26	20	0	0.2	1	208	12
1	26	20	5	0.1	0	216	5
1	26	20	10	0.1	0	203	3
1	26	20	15	0.0	0	150	26
1	26	20	20	0.0	0	170	28
1	26	20	25	0.0	0	191	8
1	26	20	30	0.0	0	201	1
1	26	20	35	0.0	0	172	11
1	26	20	40	0.1	0	196	17
1	26	20	45	0.3	1	212	11

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)
1	26	20	50	0.2	0	199	6
1	26	20	55	0.3	1	206	7
1	26	21	0	0.4	1	215	13
1	26	21	5	0.2	0	217	13
1	26	21	10	0.2	0	215	18
1	26	21	15	0.0	0	193	1
1	26	21	20	0.0	0	193	0
1	26	21	25	0.1	0	127	42
1	26	21	30	0.2	1	116	8
1	26	21	35	0.1	0	121	16
1	26	21	40	0.3	1	180	46
1	26	21	45	0.3	1	225	25
1	26	21	50	0.4	1	201	14
1	26	21	55	0.2	1	187	27
1	26	22	0	0.4	1	205	13
1	26	22	5	0.2	0	211	15
1	26	22	10	0.4	1	212	14
1	26	22	15	0.0	0	182	21
1	26	22	20	0.0	0	168	16
1	26	22	25	0.1	0	213	17
1	26	22	30	0.0	0	201	1
1	26	22	35	0.0	0	261	58
1	26	22	40	0.0	0	258	63
1	26	22	45	0.2	0	198	12
1	26	22	50	0.0	0	130	51
1	26	22	55	0.1	0	65	27
1	26	23	0	0.4	1	38	43
1	26	23	5	0.4	1	17	33
1	26	23	10	0.7	1	24	31
1	26	23	15	0.4	0	33	32
1	26	23	20	0.2	1	43	16
1	26	23	25	0.2	0	45	45
1	26	23	30	0.1	0	180	31
1	26	23	35	0.0	0	179	0
1	26	23	40	0.2	0	197	7
1	26	23	45	0.1	0	218	23
1	26	23	50	0.0	0	92	61
1	26	23	55	0.3	0	221	17
1	27	0	0	0.2	0	204	24
1	27	0	5	0.1	1	125	49
1	27	0	10	0.1	0	17	20
1	27	0	15	0.5	1	359	33
1	27	0	20	0.1	0	45	66
1	27	0	25	0.1	0	44	30
1	27	0	30	0.2	0	62	38
1	27	0	35	0.1	0	83	41
1	27	0	40	0.2	0	108	18
1	27	0	45	0.0	0	122	45
1	27	0	50	0.4	0	202	11
1	27	0	55	0.0	0	155	9
1	27	1	0	0.1	1	210	15
1	27	1	5	0.2	0	231	16
1	27	1	10	0.2	1	208	8
1	27	1	15	0.0	0	219	6
1	27	1	20	0.1	1	190	92
1	27	1	25	0.9	2	16	27
1	27	1	30	0.4	1	49	42
1	27	1	35	0.6	1	4	41
1	27	1	40	0.2	0	338	37
1	27	1	45	0.7	1	75	53
1	27	1	50	0.4	0	83	39
1	27	1	55	0.7	1	120	14
1	27	2	0	0.8	0	115	29
1	27	2	5	0.1	0	169	40
1	27	2	10	0.2	0	174	25
1	27	2	15	0.1	1	236	65
1	27	2	20	0.4	1	206	60
1	27	2	25	0.7	1	240	47
1	27	2	30	1.3	2	251	30
1	27	2	35	1.5	4	258	44
1	27	2	40	1.9	5	238	29
1	27	2	45	2.7	7	242	24
1	27	2	50	2.7	4	240	27
1	27	2	55	1.7	4	255	29
1	27	3	0	2.1	4	246	39
1	27	3	5	2.8	4	241	28
1	27	3	10	1.6	2	247	34
1	27	3	15	1.4	2	273	39
1	27	3	20	1.6	2	291	54
1	27	3	25	1.7	4	257	44
1	27	3	30	1.6	5	245	37
1	27	3	35	1.4	2	243	46
1	27	3	40	1.1	1	278	58
1	27	3	45	1.6	3	235	58



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)
1	27	3	50	0.5	1	328	82
1	27	3	55	1.0	3	314	59
1	27	4	0	1.7	4	338	51
1	27	4	5	1.4	2	321	48
1	27	4	10	2.0	4	243	39
1	27	4	15	2.0	4	226	29
1	27	4	20	1.5	2	225	40
1	27	4	25	0.8	3	287	60
1	27	4	30	1.4	4	288	56
1	27	4	35	1.8	2	281	42
1	27	4	40	1.8	6	264	49
1	27	4	45	1.4	5	263	55
1	27	4	50	1.7	4	272	56
1	27	4	55	1.8	4	290	54
1	27	5	0	1.5	4	301	58
1	27	5	5	1.8	3	265	42
1	27	5	10	1.9	4	244	25
1	27	5	15	2.0	3	233	27
1	27	5	20	1.1	2	235	45
1	27	5	25	1.4	4	248	35
1	27	5	30	2.1	3	249	40
1	27	5	35	1.8	2	249	44
1	27	5	40	1.0	4	304	60
1	27	5	45	1.8	7	313	41
1	27	5	50	1.7	3	286	49
1	27	5	55	2.2	3	229	32
1	27	6	0	1.7	4	233	34
1	27	6	5	2.0	5	230	35
1	27	6	10	2.0	3	220	30
1	27	6	15	1.6	3	245	32
1	27	6	20	2.1	2	220	25
1	27	6	25	1.8	4	217	39
1	27	6	30	1.5	4	252	53
1	27	6	35	1.4	3	258	44
1	27	6	40	1.9	3	240	31
1	27	6	45	1.5	3	249	54
1	27	6	50	1.8	5	243	35
1	27	6	55	1.8	5	276	56
1	27	7	0	1.6	3	268	45
1	27	7	5	1.8	3	243	34
1	27	7	10	1.9	4	268	46
1	27	7	15	1.9	5	238	51
1	27	7	20	1.7	5	239	49
1	27	7	25	2.4	5	273	34
1	27	7	30	1.8	1	278	50
1	27	7	35	1.5	3	265	33
1	27	7	40	1.8	2	249	39
1	27	7	45	1.8	5	258	44
1	27	7	50	2.4	3	279	56
1	27	7	55	1.2	1	281	64
1	27	8	0	1.7	3	228	77
1	27	8	5	2.0	4	243	51
1	27	8	10	1.8	4	297	64
1	27	8	15	1.5	3	270	54
1	27	8	20	1.8	5	327	41
1	27	8	25	1.2	3	302	51
1	27	8	30	1.8	4	237	57
1	27	8	35	1.8	5	235	47
1	27	8	40	2.2	2	226	29
1	27	8	45	1.4	3	224	49
1	27	8	50	2.1	2	230	48
1	27	8	55	2.3	3	228	32
1	27	9	0	2.6	5	215	25
1	27	9	5	1.9	2	244	46
1	27	9	10	2.0	4	221	32
1	27	9	15	1.7	6	232	54
1	27	9	20	2.2	4	226	44
1	27	9	25	2.5	2	230	45
1	27	9	30	1.2	3	270	58
1	27	9	35	2.4	4	221	26
1	27	9	40	2.6	6	226	32
1	27	9	45	1.4	4	241	34
1	27	9	50	1.8	4	244	54
1	27	9	55	1.6	4	279	43
1	27	10	0	1.6	4	246	53
1	27	10	5	0.8	2	247	75
1	27	10	10	1.6	2	274	64
1	27	10	15	1.5	2	262	52
1	27	10	20	1.3	2	332	38
1	27	10	25	1.5	2	250	69
1	27	10	30	1.6	6	14	87
1	27	10	35	1.7	4	317	64
1	27	10	40	1.4	3	352	54
1	27	10	45	1.8	4	341	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)
1	27	10	50	1.7	3	335	44
1	27	10	55	1.6	4	304	55
1	27	11	0	1.1	4	324	68
1	27	11	5	1.4	3	302	69
1	27	11	10	1.5	4	337	49
1	27	11	15	2.1	3	289	55
1	27	11	20	1.0	2	275	68
1	27	11	25	1.4	4	291	57
1	27	11	30	1.8	3	291	58
1	27	11	35	1.8	2	338	48
1	27	11	40	1.9	4	287	55
1	27	11	45	1.7	3	235	47
1	27	11	50	0.9	1	316	56
1	27	11	55	1.7	5	341	39
1	27	12	0	1.0	2	314	72
1	27	12	5	1.3	3	308	53
1	27	12	10	2.1	5	251	44
1	27	12	15	0.9	1	271	64
1	27	12	20	1.2	4	253	47
1	27	12	25	0.8	1	194	77
1	27	12	30	0.9	3	290	82
1	27	12	35	1.7	3	315	56
1	27	12	40	1.3	3	231	55
1	27	12	45	2.4	3	229	30
1	27	12	50	1.3	2	265	50
1	27	12	55	2.4	4	236	37
1	27	13	0	1.7	4	238	43
1	27	13	5	2.0	4	230	49
1	27	13	10	1.5	4	251	50
1	27	13	15	2.3	5	229	27
1	27	13	20	2.6	4	222	28
1	27	13	25	2.1	3	225	30
1	27	13	30	2.1	5	225	38
1	27	13	35	1.9	4	214	38
1	27	13	40	1.6	3	225	35
1	27	13	45	2.7	3	222	27
1	27	13	50	2.4	4	215	28
1	27	13	55	2.5	6	229	29
1	27	14	0	2.0	2	237	36
1	27	14	5	1.5	4	330	54
1	27	14	10	1.7	5	341	38
1	27	14	15	1.7	3	341	37
1	27	14	20	0.9	3	299	65
1	27	14	25	1.6	3	295	46
1	27	14	30	1.0	2	320	58
1	27	14	35	2.2	4	264	42
1	27	14	40	1.1	2	329	39
1	27	14	45	1.3	3	244	77
1	27	14	50	1.0	3	263	75
1	27	14	55	1.2	2	308	69
1	27	15	0	1.2	5	324	68
1	27	15	5	1.9	4	234	52
1	27	15	10	1.3	3	270	73
1	27	15	15	1.1	3	312	77
1	27	15	20	1.3	3	287	68
1	27	15	25	1.3	3	318	64
1	27	15	30	1.7	3	237	47
1	27	15	35	1.3	3	297	61
1	27	15	40	0.9	2	274	78
1	27	15	45	1.2	3	287	77
1	27	15	50	1.6	3	260	54
1	27	15	55	0.5	1	310	92
1	27	16	0	1.7	5	275	60
1	27	16	5	1.7	6	268	75
1	27	16	10	1.0	2	258	66
1	27	16	15	1.3	4	261	75
1	27	16	20	1.2	3	247	69
1	27	16	25	1.3	3	263	46
1	27	16	30	1.4	2	241	56
1	27	16	35	1.4	5	248	70
1	27	16	40	1.1	1	267	92
1	27	16	45	2.1	5	234	34
1	27	16	50	2.3	4	260	48
1	27	16	55	2.1	4	258	46
1	27	17	0	1.0	2	312	79
1	27	17	5	1.5	4	262	44
1	27	17	10	1.6	3	254	53
1	27	17	15	1.4	4	240	56
1	27	17	20	2.2	4	258	57
1	27	17	25	2.0	3	259	51
1	27	17	30	2.1	8	252	44
1	27	17	35	1.6	2	264	65
1	27	17	40	1.3	6	224	93
1	27	17	45	1.6	6	252	83

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)
1	27	17	50	1.3	4	265	64
1	27	17	55	1.2	3	333	80
1	27	18	0	1.5	1	329	72
1	27	18	5	1.1	3	299	72
1	27	18	10	1.5	3	291	84
1	27	18	15	1.9	1	278	44
1	27	18	20	1.6	5	246	47
1	27	18	25	1.9	3	284	63
1	27	18	30	1.6	3	284	66
1	27	18	35	1.0	3	279	80
1	27	18	40	1.4	2	265	69
1	27	18	45	1.2	2	248	68
1	27	18	50	1.2	3	262	38
1	27	18	55	1.5	2	240	45
1	27	19	0	0.9	2	302	58
1	27	19	5	1.2	3	258	36
1	27	19	10	1.4	2	276	57
1	27	19	15	0.6	1	262	54
1	27	19	20	1.0	1	279	64
1	27	19	25	1.5	3	283	45
1	27	19	30	1.3	2	270	51
1	27	19	35	1.2	2	275	45
1	27	19	40	1.9	4	260	42
1	27	19	45	1.2	3	259	49
1	27	19	50	1.5	3	242	32
1	27	19	55	1.7	3	244	27
1	27	20	0	1.4	3	245	34
1	27	20	5	1.6	3	242	31
1	27	20	10	1.1	3	268	42
1	27	20	15	1.5	2	248	26
1	27	20	20	1.1	2	270	48
1	27	20	25	1.5	3	255	46
1	27	20	30	1.4	2	241	45
1	27	20	35	1.6	3	241	44
1	27	20	40	0.6	2	274	69
1	27	20	45	1.3	4	293	48
1	27	20	50	0.7	1	254	44
1	27	20	55	1.0	2	270	48
1	27	21	0	1.2	2	266	34
1	27	21	5	1.6	2	269	28
1	27	21	10	1.9	4	260	30
1	27	21	15	2.0	3	270	42
1	27	21	20	1.7	4	257	40
1	27	21	25	1.6	3	256	31
1	27	21	30	1.7	2	271	34
1	27	21	35	1.7	3	275	37
1	27	21	40	2.3	3	255	23
1	27	21	45	1.7	3	249	30
1	27	21	50	1.7	3	267	41
1	27	21	55	1.6	5	274	44
1	27	22	0	1.7	2	262	34
1	27	22	5	1.8	4	247	43
1	27	22	10	1.3	5	245	58
1	27	22	15	2.0	4	242	27
1	27	22	20	1.6	3	247	43
1	27	22	25	1.3	5	243	53
1	27	22	30	1.3	3	242	36
1	27	22	35	1.3	2	244	34
1	27	22	40	1.3	2	250	31
1	27	22	45	1.3	3	247	29
1	27	22	50	1.6	2	269	37
1	27	22	55	1.6	2	282	35
1	27	23	0	1.4	1	298	39
1	27	23	5	1.8	4	237	27
1	27	23	10	1.5	2	246	29
1	27	23	15	1.8	3	246	27
1	27	23	20	1.5	3	262	32
1	27	23	25	1.1	3	269	45
1	27	23	30	1.6	3	246	28
1	27	23	35	1.7	4	244	30
1	27	23	40	1.4	4	257	38
1	27	23	45	1.4	2	241	20
1	27	23	50	1.7	3	255	32
1	27	23	55	1.5	2	247	34
1	28	0	0	1.5	2	237	28
1	28	0	5	1.5	3	232	29
1	28	0	10	1.3	2	240	32
1	28	0	15	1.4	2	268	29
1	28	0	20	1.7	2	249	23
1	28	0	25	1.3	3	254	25
1	28	0	30	1.4	2	243	25
1	28	0	35	1.4	3	249	22
1	28	0	40	1.4	3	248	31
1	28	0	45	1.5	3	250	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)
1	28	0	50	1.5	4	250	34
1	28	0	55	1.3	2	256	32
1	28	1	0	1.2	3	245	38
1	28	1	5	1.1	3	246	24
1	28	1	10	1.6	2	243	28
1	28	1	15	1.4	3	235	41
1	28	1	20	0.8	2	269	64
1	28	1	25	1.6	4	221	31
1	28	1	30	1.5	4	238	36
1	28	1	35	1.9	4	225	27
1	28	1	40	1.9	4	218	29
1	28	1	45	1.6	3	227	33
1	28	1	50	1.3	2	241	30
1	28	1	55	1.5	3	240	29
1	28	2	0	1.7	3	253	25
1	28	2	5	1.6	3	239	32
1	28	2	10	1.7	3	250	28
1	28	2	15	1.6	3	236	25
1	28	2	20	1.8	3	226	24
1	28	2	25	1.5	2	234	33
1	28	2	30	1.5	2	248	35
1	28	2	35	1.9	4	248	37
1	28	2	40	1.6	2	226	27
1	28	2	45	1.8	4	229	31
1	28	2	50	1.2	4	240	35
1	28	2	55	1.2	2	235	30
1	28	3	0	1.4	2	232	26
1	28	3	5	1.6	3	245	31
1	28	3	10	1.5	3	227	28
1	28	3	15	1.2	2	248	51
1	28	3	20	1.5	3	233	25
1	28	3	25	1.5	2	226	27
1	28	3	30	1.5	3	232	29
1	28	3	35	1.5	3	245	41
1	28	3	40	1.0	2	248	39
1	28	3	45	0.8	1	309	34
1	28	3	50	1.1	1	250	26
1	28	3	55	1.8	4	242	28
1	28	4	0	1.3	2	241	23
1	28	4	5	1.4	3	233	27
1	28	4	10	1.4	2	235	25
1	28	4	15	1.4	2	235	27
1	28	4	20	1.3	3	230	25
1	28	4	25	1.5	1	244	43
1	28	4	30	1.3	2	256	22
1	28	4	35	1.3	2	257	22
1	28	4	40	1.0	2	248	30
1	28	4	45	0.8	1	288	49
1	28	4	50	1.2	2	253	26
1	28	4	55	1.5	2	268	38
1	28	5	0	1.3	2	253	26
1	28	5	5	1.4	3	237	26
1	28	5	10	1.3	2	264	34
1	28	5	15	1.3	3	241	34
1	28	5	20	1.2	2	253	29
1	28	5	25	1.4	1	278	42
1	28	5	30	1.0	1	269	41
1	28	5	35	1.5	3	270	32
1	28	5	40	1.5	3	243	33
1	28	5	45	1.4	2	252	47
1	28	5	50	1.6	3	300	43
1	28	5	55	1.3	3	256	24
1	28	6	0	1.5	3	253	26
1	28	6	5	1.5	3	259	33
1	28	6	10	1.2	3	249	37
1	28	6	15	1.2	2	259	33
1	28	6	20	0.7	1	252	30
1	28	6	25	1.3	2	236	37
1	28	6	30	1.4	3	235	36
1	28	6	35	1.4	2	241	34
1	28	6	40	1.2	2	238	48
1	28	6	45	1.4	2	224	31
1	28	6	50	1.4	3	247	38
1	28	6	55	1.5	2	239	39
1	28	7	0	1.7	4	255	33
1	28	7	5	1.3	2	233	39
1	28	7	10	1.1	2	225	24
1	28	7	15	1.2	2	271	50
1	28	7	20	1.1	2	231	42
1	28	7	25	1.1	2	253	36
1	28	7	30	1.4	3	256	40
1	28	7	35	1.4	3	245	39
1	28	7	40	1.5	3	252	39
1	28	7	45	1.5	3	264	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)
1	28	7	50	1.1	3	227	52
1	28	7	55	1.3	2	267	44
1	28	8	0	1.3	3	259	38
1	28	8	5	0.9	2	249	66
1	28	8	10	1.3	2	248	37
1	28	8	15	1.3	2	235	43
1	28	8	20	1.1	2	279	46
1	28	8	25	1.1	2	256	39
1	28	8	30	1.0	2	267	60
1	28	8	35	1.2	2	262	38
1	28	8	40	0.9	2	257	42
1	28	8	45	0.9	3	233	50
1	28	8	50	0.7	2	290	61
1	28	8	55	1.2	1	277	58
1	28	9	0	1.5	2	256	63
1	28	9	5	1.9	5	245	35
1	28	9	10	1.4	4	257	56
1	28	9	15	1.6	2	252	36
1	28	9	20	1.1	3	239	55
1	28	9	25	1.2	3	267	55
1	28	9	30	0.6	1	265	73
1	28	9	35	0.8	2	219	58
1	28	9	40	1.4	1	255	43
1	28	9	45	1.4	5	245	39
1	28	9	50	1.7	1	254	46
1	28	9	55	1.1	2	257	41
1	28	10	0	1.1	3	260	52
1	28	10	5	1.4	2	234	48
1	28	10	10	1.8	3	261	42
1	28	10	15	1.1	1	257	51
1	28	10	20	1.3	3	357	33
1	28	10	25	1.4	3	350	38
1	28	10	30	1.5	3	357	35
1	28	10	35	1.4	4	8	32
1	28	10	40	1.5	2	2	28
1	28	10	45	1.4	3	1	32
1	28	10	50	1.0	3	352	44
1	28	10	55	1.5	2	1	26
1	28	11	0	0.9	2	358	54
1	28	11	5	0.9	3	328	56
1	28	11	10	1.1	3	348	37
1	28	11	15	1.3	4	8	40
1	28	11	20	1.0	1	333	54
1	28	11	25	1.1	1	318	52
1	28	11	30	0.7	2	331	48
1	28	11	35	1.5	2	356	29
1	28	11	40	1.0	4	312	70
1	28	11	45	1.4	3	282	64
1	28	11	50	0.7	1	336	46
1	28	11	55	1.3	4	333	37
1	28	12	0	0.8	2	340	46
1	28	12	5	1.1	2	350	47
1	28	12	10	1.0	3	337	41
1	28	12	15	1.0	2	332	44
1	28	12	20	1.0	2	330	45
1	28	12	25	0.7	2	321	54
1	28	12	30	0.7	1	254	79
1	28	12	35	1.1	2	311	69
1	28	12	40	0.6	1	283	60
1	28	12	45	0.6	1	280	68
1	28	12	50	1.0	2	313	53
1	28	12	55	0.8	1	216	84
1	28	13	0	1.6	4	357	31
1	28	13	5	0.3	2	11	75
1	28	13	10	1.0	3	354	41
1	28	13	15	1.2	2	330	56
1	28	13	20	0.7	2	354	61
1	28	13	25	0.9	2	1	52
1	28	13	30	0.8	1	326	39
1	28	13	35	0.5	2	258	95
1	28	13	40	1.1	2	12	36
1	28	13	45	1.5	3	29	52
1	28	13	50	1.3	1	9	60
1	28	13	55	1.0	3	340	45
1	28	14	0	0.6	1	307	71
1	28	14	5	0.7	2	187	70
1	28	14	10	0.6	1	245	78
1	28	14	15	0.6	1	331	58
1	28	14	20	0.7	3	274	78
1	28	14	25	0.7	1	298	74
1	28	14	30	0.8	2	274	62
1	28	14	35	0.9	1	316	93
1	28	14	40	0.4	2	339	36
1	28	14	45	0.5	1	0	82

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)
1	28	14	50	0.8	1	353	31
1	28	14	55	0.7	2	340	47
1	28	15	0	0.5	1	332	74
1	28	15	5	0.4	1	10	79
1	28	15	10	0.9	3	350	52
1	28	15	15	1.0	1	324	41
1	28	15	20	0.7	1	359	43
1	28	15	25	0.8	1	325	34
1	28	15	30	0.4	0	344	80
1	28	15	35	0.6	1	331	81
1	28	15	40	1.0	1	248	33
1	28	15	45	0.7	1	355	52
1	28	15	50	1.0	2	8	27
1	28	15	55	1.3	2	13	26
1	28	16	0	1.2	2	18	28
1	28	16	5	0.7	1	349	39
1	28	16	10	0.8	2	303	51
1	28	16	15	0.4	0	273	44
1	28	16	20	1.0	2	245	31
1	28	16	25	0.9	1	244	45
1	28	16	30	1.0	2	282	39
1	28	16	35	1.0	2	249	45
1	28	16	40	1.2	2	286	47
1	28	16	45	1.1	2	244	33
1	28	16	50	0.7	1	265	60
1	28	16	55	0.9	2	249	45
1	28	17	0	0.8	1	230	38
1	28	17	5	0.5	0	244	43
1	28	17	10	0.4	1	248	45
1	28	17	15	0.5	1	222	43
1	28	17	20	0.6	1	216	24
1	28	17	25	0.8	1	206	21
1	28	17	30	1.1	2	211	19
1	28	17	35	1.3	2	203	15
1	28	17	40	1.0	1	210	17
1	28	17	45	1.0	2	220	20
1	28	17	50	0.8	1	217	21
1	28	17	55	0.7	1	224	24
1	28	18	0	0.5	2	225	22
1	28	18	5	0.8	1	219	27
1	28	18	10	0.7	1	213	20
1	28	18	15	0.7	1	211	20
1	28	18	20	0.7	1	213	20
1	28	18	25	0.5	1	213	22
1	28	18	30	0.6	1	211	26
1	28	18	35	0.3	1	205	19
1	28	18	40	0.4	1	219	26
1	28	18	45	0.4	0	222	25
1	28	18	50	0.2	1	196	14
1	28	18	55	0.4	1	204	19
1	28	19	0	0.4	1	216	22
1	28	19	5	0.5	1	208	17
1	28	19	10	0.5	1	211	19
1	28	19	15	0.4	1	223	24
1	28	19	20	0.6	0	213	20
1	28	19	25	0.7	1	210	14
1	28	19	30	0.5	0	215	16
1	28	19	35	0.1	0	196	54
1	28	19	40	0.1	0	222	38
1	28	19	45	0.3	1	203	19
1	28	19	50	0.5	1	215	25
1	28	19	55	0.3	1	208	25
1	28	20	0	0.4	1	213	21
1	28	20	5	0.4	1	210	21
1	28	20	10	0.3	1	216	34
1	28	20	15	0.3	0	208	39
1	28	20	20	0.1	1	246	57
1	28	20	25	0.2	0	217	26
1	28	20	30	0.3	0	211	20
1	28	20	35	0.2	0	217	29
1	28	20	40	0.1	0	220	22
1	28	20	45	0.5	1	215	15
1	28	20	50	0.3	1	212	19
1	28	20	55	0.5	1	212	16
1	28	21	0	0.4	1	222	23
1	28	21	5	0.3	1	216	17
1	28	21	10	0.6	1	210	17
1	28	21	15	0.1	0	205	25
1	28	21	20	0.1	0	204	18
1	28	21	25	0.3	1	216	19
1	28	21	30	0.3	1	205	14
1	28	21	35	0.2	1	207	23
1	28	21	40	0.3	0	208	20
1	28	21	45	0.1	0	198	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)
1	28	21	50	0.2	0	210	14
1	28	21	55	0.2	0	206	14
1	28	22	0	0.2	0	207	15
1	28	22	5	0.0	0	214	19
1	28	22	10	0.0	0	237	41
1	28	22	15	0.0	0	194	35
1	28	22	20	0.2	0	207	12
1	28	22	25	0.1	0	208	12
1	28	22	30	0.3	1	217	16
1	28	22	35	0.1	0	215	28
1	28	22	40	0.1	1	199	20
1	28	22	45	0.0	0	193	11
1	28	22	50	0.2	1	198	7
1	28	22	55	0.1	0	193	35
1	28	23	0	0.3	1	210	25
1	28	23	5	0.1	0	197	21
1	28	23	10	0.3	1	191	18
1	28	23	15	0.3	1	228	19
1	28	23	20	0.2	1	221	17
1	28	23	25	0.2	0	244	30
1	28	23	30	0.2	0	215	26
1	28	23	35	0.1	0	218	15
1	28	23	40	0.0	0	144	33
1	28	23	45	0.1	0	202	17
1	28	23	50	0.2	1	205	15
1	28	23	55	0.1	0	217	20
1	29	0	0	0.0	0	227	8
1	29	0	5	0.1	1	212	16
1	29	0	10	0.1	0	202	10
1	29	0	15	0.2	1	218	20
1	29	0	20	0.3	1	209	12
1	29	0	25	0.2	0	203	16
1	29	0	30	0.2	0	206	9
1	29	0	35	0.2	0	215	22
1	29	0	40	0.4	1	209	12
1	29	0	45	0.2	0	206	12
1	29	0	50	0.2	0	201	27
1	29	0	55	0.3	0	206	14
1	29	1	0	0.0	0	154	24
1	29	1	5	0.0	0	155	35
1	29	1	10	0.0	0	199	22
1	29	1	15	0.3	1	201	15
1	29	1	20	0.1	0	151	66
1	29	1	25	0.2	0	200	11
1	29	1	30	0.1	0	147	25
1	29	1	35	0.1	0	173	19
1	29	1	40	0.1	0	199	4
1	29	1	45	0.0	0	190	3
1	29	1	50	0.0	0	189	2
1	29	1	55	0.0	0	195	6
1	29	2	0	0.2	0	198	8
1	29	2	5	0.1	0	139	17
1	29	2	10	0.0	0	158	16
1	29	2	15	0.0	0	148	7
1	29	2	20	0.0	0	175	9
1	29	2	25	0.1	1	163	16
1	29	2	30	0.1	0	165	47
1	29	2	35	0.0	0	72	31
1	29	2	40	0.2	1	159	34
1	29	2	45	0.1	0	189	6
1	29	2	50	0.2	0	193	10
1	29	2	55	0.0	0	132	39
1	29	3	0	0.0	0	106	3
1	29	3	5	0.0	0	183	31
1	29	3	10	0.0	0	182	13
1	29	3	15	0.0	0	99	53
1	29	3	20	0.1	0	114	51
1	29	3	25	0.3	1	192	13
1	29	3	30	0.2	0	189	10
1	29	3	35	0.1	0	176	21
1	29	3	40	0.0	0	125	3
1	29	3	45	0.0	0	126	1
1	29	3	50	0.0	0	126	2
1	29	3	55	0.2	0	187	27
1	29	4	0	0.1	0	161	35
1	29	4	5	0.2	1	84	22
1	29	4	10	0.2	0	101	11
1	29	4	15	0.1	0	63	21
1	29	4	20	0.0	0	119	47
1	29	4	25	0.2	0	191	10
1	29	4	30	0.1	0	87	33
1	29	4	35	0.4	0	106	14
1	29	4	40	0.1	0	116	4
1	29	4	45	0.2	0	118	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)
1	29	4	50	0.2	0	194	5
1	29	4	55	0.1	0	193	7
1	29	5	0	0.1	0	194	3
1	29	5	5	0.2	0	199	12
1	29	5	10	0.1	0	87	44
1	29	5	15	0.2	1	108	20
1	29	5	20	0.2	0	132	27
1	29	5	25	0.4	1	89	17
1	29	5	30	0.4	0	90	25
1	29	5	35	0.1	1	137	66
1	29	5	40	0.1	0	99	29
1	29	5	45	0.2	0	230	83
1	29	5	50	0.2	0	194	60
1	29	5	55	0.2	0	85	47
1	29	6	0	0.0	0	70	76
1	29	6	5	0.1	0	113	46
1	29	6	10	0.3	0	67	34
1	29	6	15	0.1	0	135	45
1	29	6	20	0.1	0	115	24
1	29	6	25	0.1	0	184	23
1	29	6	30	0.0	1	149	39
1	29	6	35	0.2	0	101	22
1	29	6	40	0.2	1	92	26
1	29	6	45	0.4	1	102	10
1	29	6	50	0.3	0	132	14
1	29	6	55	0.0	0	134	12
1	29	7	0	0.1	0	189	4
1	29	7	5	0.1	0	186	7
1	29	7	10	0.0	0	163	16
1	29	7	15	0.0	0	169	21
1	29	7	20	0.0	0	113	12
1	29	7	25	0.2	0	196	9
1	29	7	30	0.3	0	115	23
1	29	7	35	0.0	0	106	21
1	29	7	40	0.1	0	160	33
1	29	7	45	0.0	0	148	28
1	29	7	50	0.0	0	120	16
1	29	7	55	0.3	1	104	11
1	29	8	0	0.0	0	91	37
1	29	8	5	0.2	0	51	50
1	29	8	10	0.0	0	64	40
1	29	8	15	0.4	2	18	46
1	29	8	20	0.7	1	21	31
1	29	8	25	0.7	1	34	35
1	29	8	30	0.3	0	57	61
1	29	8	35	0.5	1	59	43
1	29	8	40	0.5	2	51	45
1	29	8	45	0.6	1	7	31
1	29	8	50	0.6	1	350	32
1	29	8	55	0.5	1	313	45
1	29	9	0	0.7	1	344	53
1	29	9	5	0.7	1	356	28
1	29	9	10	0.3	1	259	69
1	29	9	15	0.8	2	266	38
1	29	9	20	1.0	2	233	38
1	29	9	25	1.1	1	243	49
1	29	9	30	0.3	1	15	86
1	29	9	35	0.9	3	348	31
1	29	9	40	0.7	2	270	53
1	29	9	45	0.8	2	303	57
1	29	9	50	0.5	1	1	42
1	29	9	55	0.5	1	331	57
1	29	10	0	0.8	2	316	53
1	29	10	5	0.5	2	289	65
1	29	10	10	0.8	2	357	39
1	29	10	15	1.0	2	15	32
1	29	10	20	0.9	2	358	25
1	29	10	25	0.7	1	0	35
1	29	10	30	0.3	1	337	62
1	29	10	35	0.5	1	320	46
1	29	10	40	0.7	2	15	63
1	29	10	45	1.0	2	343	25
1	29	10	50	1.0	2	16	37
1	29	10	55	1.1	1	4	28
1	29	11	0	0.9	2	26	50
1	29	11	5	1.2	3	71	53
1	29	11	10	1.2	3	30	57
1	29	11	15	0.9	2	30	61
1	29	11	20	0.8	2	8	94
1	29	11	25	0.8	1	8	95
1	29	11	30	0.7	2	343	50
1	29	11	35	0.9	4	93	83
1	29	11	40	1.3	4	81	51
1	29	11	45	1.8	5	71	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)
1	29	11	50	2.3	6	90	37
1	29	11	55	1.6	4	358	44
1	29	12	0	1.9	5	64	37
1	29	12	5	1.8	3	72	43
1	29	12	10	1.4	1	40	50
1	29	12	15	1.9	4	70	47
1	29	12	20	1.1	2	48	40
1	29	12	25	1.0	4	71	58
1	29	12	30	0.9	3	62	46
1	29	12	35	1.4	2	0	51
1	29	12	40	0.8	1	300	81
1	29	12	45	1.8	3	88	53
1	29	12	50	1.4	5	41	58
1	29	12	55	2.2	5	51	49
1	29	13	0	1.7	2	61	43
1	29	13	5	1.5	2	66	44
1	29	13	10	1.9	3	75	43
1	29	13	15	1.3	3	16	59
1	29	13	20	1.7	5	90	49
1	29	13	25	2.0	2	73	49
1	29	13	30	1.1	2	94	51
1	29	13	35	1.4	3	356	42
1	29	13	40	1.3	2	74	58
1	29	13	45	1.4	1	350	45
1	29	13	50	1.4	4	16	61
1	29	13	55	1.6	3	349	45
1	29	14	0	1.6	5	339	39
1	29	14	5	1.3	1	3	49
1	29	14	10	1.2	1	325	48
1	29	14	15	1.0	3	340	50
1	29	14	20	1.3	3	11	45
1	29	14	25	2.0	4	347	34
1	29	14	30	1.9	3	1	41
1	29	14	35	1.4	3	358	50
1	29	14	40	1.0	2	11	54
1	29	14	45	1.3	3	348	40
1	29	14	50	1.3	2	334	41
1	29	14	55	1.5	3	334	38
1	29	15	0	1.6	2	356	61
1	29	15	5	1.5	4	352	51
1	29	15	10	1.5	4	358	32
1	29	15	15	1.1	3	336	74
1	29	15	20	0.8	2	337	66
1	29	15	25	1.4	4	12	67
1	29	15	30	1.3	3	41	71
1	29	15	35	1.4	1	115	67
1	29	15	40	1.2	2	19	52
1	29	15	45	1.3	4	13	39
1	29	15	50	0.9	2	58	69
1	29	15	55	1.2	2	356	60
1	29	16	0	1.2	3	24	68
1	29	16	5	1.3	3	337	49
1	29	16	10	0.7	2	41	81
1	29	16	15	1.1	1	82	68
1	29	16	20	0.7	1	10	71
1	29	16	25	0.8	2	46	65
1	29	16	30	0.9	2	355	61
1	29	16	35	1.2	2	3	58
1	29	16	40	0.8	2	0	70
1	29	16	45	1.4	3	6	47
1	29	16	50	1.1	3	341	54
1	29	16	55	1.1	1	339	24
1	29	17	0	0.6	3	359	68
1	29	17	5	1.3	3	0	35
1	29	17	10	1.0	2	353	59
1	29	17	15	0.8	2	30	70
1	29	17	20	1.2	3	35	87
1	29	17	25	1.0	3	339	75
1	29	17	30	0.5	1	345	86
1	29	17	35	0.7	2	100	49
1	29	17	40	0.8	1	38	48
1	29	17	45	0.4	1	0	62
1	29	17	50	0.5	1	20	61
1	29	17	55	0.8	1	13	43
1	29	18	0	0.5	1	356	26
1	29	18	5	0.4	2	284	52
1	29	18	10	0.3	1	291	73
1	29	18	15	0.5	2	197	24
1	29	18	20	0.6	0	227	22
1	29	18	25	0.7	1	239	48
1	29	18	30	0.7	1	224	32
1	29	18	35	0.7	1	210	26
1	29	18	40	0.5	1	213	72
1	29	18	45	0.6	1	238	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)
1	29	18	50	0.6	2	223	38
1	29	18	55	0.7	2	212	71
1	29	19	0	0.6	0	225	30
1	29	19	5	0.6	2	164	63
1	29	19	10	1.2	2	39	59
1	29	19	15	0.6	1	21	85
1	29	19	20	1.3	3	13	60
1	29	19	25	0.6	1	323	75
1	29	19	30	0.6	2	43	77
1	29	19	35	0.8	1	93	33
1	29	19	40	0.5	0	25	56
1	29	19	45	0.4	1	356	63
1	29	19	50	0.7	1	31	82
1	29	19	55	0.8	1	353	77
1	29	20	0	0.5	2	283	87
1	29	20	5	0.5	0	352	72
1	29	20	10	0.4	0	41	33
1	29	20	15	0.7	1	34	48
1	29	20	20	0.8	1	45	41
1	29	20	25	0.6	1	263	49
1	29	20	30	0.7	1	239	66
1	29	20	35	0.7	1	277	59
1	29	20	40	0.7	1	70	35
1	29	20	45	0.4	2	70	62
1	29	20	50	0.5	2	107	85
1	29	20	55	0.9	2	19	49
1	29	21	0	0.6	2	25	86
1	29	21	5	0.9	1	213	69
1	29	21	10	0.5	2	242	48
1	29	21	15	0.9	2	198	60
1	29	21	20	0.8	1	195	43
1	29	21	25	0.9	2	241	35
1	29	21	30	0.8	3	53	90
1	29	21	35	0.8	2	238	56
1	29	21	40	1.1	2	240	28
1	29	21	45	1.7	2	237	45
1	29	21	50	1.5	2	235	44
1	29	21	55	1.6	2	242	46
1	29	22	0	1.4	5	237	68
1	29	22	5	1.0	1	227	36
1	29	22	10	1.1	1	233	38
1	29	22	15	1.0	3	233	44
1	29	22	20	1.4	2	217	32
1	29	22	25	1.8	3	231	33
1	29	22	30	0.9	3	226	28
1	29	22	35	1.3	1	222	61
1	29	22	40	1.0	2	269	76
1	29	22	45	1.1	2	324	79
1	29	22	50	0.8	1	279	70
1	29	22	55	0.7	2	161	81
1	29	23	0	0.5	3	193	98
1	29	23	5	0.7	1	108	80
1	29	23	10	0.5	2	194	67
1	29	23	15	1.3	3	327	49
1	29	23	20	1.2	3	21	61
1	29	23	25	0.4	1	347	52
1	29	23	30	0.7	3	178	100
1	29	23	35	1.0	2	255	87
1	29	23	40	1.1	1	231	30
1	29	23	45	1.0	1	255	42
1	29	23	50	0.9	2	221	37
1	29	23	55	1.1	3	242	40
1	30	0	0	0.7	2	246	61
1	30	0	5	0.7	1	229	72
1	30	0	10	1.1	2	223	25
1	30	0	15	0.9	1	224	27
1	30	0	20	1.1	1	158	73
1	30	0	25	1.0	2	223	57
1	30	0	30	0.7	2	245	52
1	30	0	35	1.0	2	228	32
1	30	0	40	0.7	1	247	39
1	30	0	45	0.8	2	262	40
1	30	0	50	0.5	1	279	32
1	30	0	55	0.6	1	241	27
1	30	1	0	0.3	1	257	52
1	30	1	5	0.5	2	351	63
1	30	1	10	0.8	2	35	58
1	30	1	15	0.6	0	100	65
1	30	1	20	0.3	1	304	72
1	30	1	25	0.8	2	140	73
1	30	1	30	0.6	1	176	55
1	30	1	35	1.0	1	321	56
1	30	1	40	0.9	1	320	67
1	30	1	45	0.7	2	309	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)
1	30	1	50	1.0	2	20	57
1	30	1	55	1.6	5	59	58
1	30	2	0	2.2	4	82	52
1	30	2	5	1.4	2	338	61
1	30	2	10	0.4	1	153	90
1	30	2	15	0.9	3	199	88
1	30	2	20	0.9	2	276	44
1	30	2	25	0.8	2	247	31
1	30	2	30	0.6	1	306	94
1	30	2	35	0.5	1	305	89
1	30	2	40	0.8	3	206	94
1	30	2	45	1.4	4	45	53
1	30	2	50	1.7	3	74	48
1	30	2	55	0.7	1	18	60
1	30	3	0	1.2	2	48	61
1	30	3	5	0.9	1	9	46
1	30	3	10	0.6	0	273	79
1	30	3	15	0.8	5	245	87
1	30	3	20	1.4	4	348	35
1	30	3	25	0.9	1	359	76
1	30	3	30	0.9	2	354	30
1	30	3	35	0.9	1	19	48
1	30	3	40	0.7	2	27	49
1	30	3	45	0.6	1	36	74
1	30	3	50	1.2	1	353	50
1	30	3	55	1.0	2	359	68
1	30	4	0	1.1	2	56	49
1	30	4	5	1.2	3	87	70
1	30	4	10	1.4	2	94	53
1	30	4	15	0.7	1	27	76
1	30	4	20	0.9	3	33	64
1	30	4	25	0.9	1	29	97
1	30	4	30	0.7	1	283	71
1	30	4	35	1.1	4	40	60
1	30	4	40	1.4	3	50	83
1	30	4	45	1.1	3	1	73
1	30	4	50	1.1	1	335	92
1	30	4	55	0.3	1	273	76
1	30	5	0	1.1	4	44	50
1	30	5	5	1.5	2	3	53
1	30	5	10	1.1	5	28	81
1	30	5	15	0.9	3	304	53
1	30	5	20	1.4	2	6	60
1	30	5	25	1.6	3	13	81
1	30	5	30	1.5	3	79	47
1	30	5	35	1.2	4	67	59
1	30	5	40	1.1	2	74	49
1	30	5	45	1.6	4	73	58
1	30	5	50	1.3	3	62	60
1	30	5	55	1.0	1	50	74
1	30	6	0	0.8	2	16	81
1	30	6	5	0.9	1	1	94
1	30	6	10	1.1	1	241	51
1	30	6	15	0.5	2	209	89
1	30	6	20	0.7	3	243	66
1	30	6	25	0.8	2	235	56
1	30	6	30	1.5	4	241	25
1	30	6	35	0.7	2	249	55
1	30	6	40	0.9	2	235	28
1	30	6	45	0.9	2	233	30
1	30	6	50	0.7	3	233	72
1	30	6	55	0.6	1	283	74
1	30	7	0	0.8	1	247	40
1	30	7	5	0.5	1	249	29
1	30	7	10	1.7	2	245	36
1	30	7	15	1.7	3	246	35
1	30	7	20	1.4	3	240	37
1	30	7	25	2.2	5	236	25
1	30	7	30	1.5	2	219	35
1	30	7	35	1.9	6	256	39
1	30	7	40	1.7	2	240	29
1	30	7	45	0.8	1	243	82
1	30	7	50	1.1	1	257	36
1	30	7	55	1.1	2	241	44
1	30	8	0	1.5	2	274	51
1	30	8	5	0.7	2	288	84
1	30	8	10	1.1	1	169	100
1	30	8	15	0.7	1	322	80
1	30	8	20	1.0	3	237	89
1	30	8	25	1.2	2	48	75
1	30	8	30	1.2	2	239	59
1	30	8	35	1.6	3	263	66
1	30	8	40	0.9	2	241	55
1	30	8	45	1.3	3	286	81

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)
1	30	8	50	0.7	1	340	82
1	30	8	55	0.5	2	335	95
1	30	9	0	1.1	2	230	33
1	30	9	5	0.8	2	211	36
1	30	9	10	1.3	2	243	25
1	30	9	15	1.2	2	269	21
1	30	9	20	1.1	2	266	26
1	30	9	25	1.1	0	247	62
1	30	9	30	1.2	4	258	45
1	30	9	35	0.9	1	252	86
1	30	9	40	1.4	2	257	37
1	30	9	45	1.1	2	258	46
1	30	9	50	0.6	1	39	80
1	30	9	55	1.0	2	310	90
1	30	10	0	1.0	2	68	90
1	30	10	5	1.1	2	220	54
1	30	10	10	1.0	2	342	53
1	30	10	15	1.1	2	59	80
1	30	10	20	1.1	2	27	77
1	30	10	25	1.6	5	114	85
1	30	10	30	1.4	2	0	66
1	30	10	35	1.1	3	255	65
1	30	10	40	0.9	2	248	101
1	30	10	45	1.1	2	229	25
1	30	10	50	0.9	4	250	74
1	30	10	55	1.8	5	258	35
1	30	11	0	1.5	2	239	39
1	30	11	5	1.0	2	263	66
1	30	11	10	1.6	2	225	27
1	30	11	15	1.5	2	227	28
1	30	11	20	1.8	2	249	31
1	30	11	25	0.6	3	219	56
1	31	10	30	0.8	1	31	67
1	31	10	35	0.4	1	66	75
1	31	10	40	0.6	1	3	50
1	31	10	45	0.8	1	351	56
1	31	10	50	1.3	3	334	37
1	31	10	55	1.5	3	21	54
1	31	11	0	1.2	2	24	73
1	31	11	5	0.9	2	22	34
1	31	11	10	1.1	2	36	32
1	31	11	15	0.7	2	13	61
1	31	11	20	0.8	0	30	58
1	31	11	25	0.6	1	343	44
1	31	11	30	0.3	1	351	75
1	31	11	35	0.7	1	342	36
1	31	11	40	0.6	1	355	30
1	31	11	45	0.6	2	341	51
1	31	11	50	0.8	2	343	30
1	31	11	55	0.5	1	0	56
1	31	12	0	0.4	1	340	57
1	31	12	5	0.2	1	300	61
1	31	12	10	0.8	2	8	45
1	31	12	15	0.6	2	12	59
1	31	12	20	0.8	1	32	38
1	31	12	25	1.0	2	29	40
1	31	12	30	0.6	2	346	37
1	31	12	35	1.0	2	77	49
1	31	12	40	1.3	2	77	35
1	31	12	45	0.8	2	87	37
1	31	12	50	0.8	2	32	57
1	31	12	55	0.9	2	74	45
1	31	13	0	0.9	3	65	38
1	31	13	5	0.6	2	36	51
1	31	13	10	0.9	2	49	63
1	31	13	15	0.7	2	97	55
1	31	13	20	1.0	3	28	37
1	31	13	25	0.5	1	62	56
1	31	13	30	0.7	1	16	39
1	31	13	35	0.6	1	53	54
1	31	13	40	0.8	1	71	45
1	31	13	45	0.3	1	351	56
1	31	13	50	0.8	2	89	53
1	31	13	55	0.3	0	71	42
1	31	14	0	0.3	1	140	51
1	31	14	5	0.5	1	260	76
1	31	14	10	0.3	1	0	27
1	31	14	15	0.6	1	358	40
1	31	14	20	0.6	1	9	49
1	31	14	25	1.0	2	26	35
1	31	14	30	0.5	2	356	42
1	31	14	35	0.9	2	41	42
1	31	14	40	0.6	1	62	55
1	31	14	45	0.7	1	43	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)
1	31	14	50	0.5	0	17	49
1	31	14	55	0.6	1	53	47
1	31	15	0	0.5	1	32	66
1	31	15	5	0.5	1	28	48
1	31	15	10	0.7	1	4	67
1	31	15	15	0.4	1	255	43
1	31	15	20	0.7	1	293	47
1	31	15	25	0.5	1	334	53
1	31	15	30	1.0	2	343	21
1	31	15	35	0.2	0	325	58
1	31	15	40	0.5	1	41	46
1	31	15	45	1.0	3	30	39
1	31	15	50	1.0	2	4	43
1	31	15	55	0.5	1	34	49
1	31	16	0	0.5	1	33	56
1	31	16	5	0.7	1	50	66
1	31	16	10	0.5	2	30	56
1	31	16	15	0.7	2	344	49
1	31	16	20	0.8	1	323	53
1	31	16	25	0.8	1	262	49
1	31	16	30	0.6	1	341	42
1	31	16	35	0.7	2	348	35
1	31	16	40	0.4	1	329	45
1	31	16	45	0.8	3	347	42
1	31	16	50	0.4	0	32	89
1	31	16	55	0.7	3	9	64
1	31	17	0	1.2	2	18	52
1	31	17	5	1.0	1	359	45
1	31	17	10	0.6	1	348	65
1	31	17	15	0.9	2	78	52
1	31	17	20	1.0	3	60	61
1	31	17	25	1.3	2	75	46
1	31	17	30	0.8	2	86	57
1	31	17	35	1.0	2	344	34
1	31	17	40	0.9	2	351	48
1	31	17	45	0.3	2	74	90
1	31	17	50	0.4	1	6	58
1	31	17	55	0.3	1	297	76
1	31	18	0	1.0	3	39	66
1	31	18	5	0.5	0	337	64
1	31	18	10	0.2	1	303	69
1	31	18	15	0.2	0	251	49
1	31	18	20	0.2	1	193	14
1	31	18	25	0.7	1	331	53
1	31	18	30	0.8	1	247	48
1	31	18	35	0.5	1	219	27
1	31	18	40	0.5	1	220	20
1	31	18	45	0.3	1	221	39
1	31	18	50	0.3	1	329	68
1	31	18	55	0.5	1	238	49
1	31	19	0	0.2	0	331	86
1	31	19	5	0.1	0	254	58
1	31	19	10	0.3	1	7	59
1	31	19	15	0.5	1	32	30
1	31	19	20	0.3	1	55	51
1	31	19	25	0.4	0	9	38
1	31	19	30	0.4	0	9	53
1	31	19	35	0.1	1	15	70
1	31	19	40	0.9	2	75	51
1	31	19	45	0.8	1	345	27
1	31	19	50	0.1	0	127	52
1	31	19	55	0.4	1	342	65
1	31	20	0	0.6	2	87	42
1	31	20	5	0.6	1	78	48
1	31	20	10	0.4	1	89	71
1	31	20	15	0.5	1	73	37
1	31	20	20	0.5	1	72	38
1	31	20	25	0.0	0	133	24
1	31	20	30	0.1	0	84	53
1	31	20	35	0.2	1	102	30
1	31	20	40	0.5	1	95	33
1	31	20	45	0.9	2	75	31
1	31	20	50	0.3	1	116	53
1	31	20	55	0.3	1	198	21
1	31	21	0	0.2	1	252	93
1	31	21	5	0.2	1	308	90
1	31	21	10	0.2	1	290	42
1	31	21	15	0.5	1	266	16
1	31	21	20	0.4	1	293	22
1	31	21	25	0.9	2	335	33
1	31	21	30	0.4	0	7	43
1	31	21	35	0.1	0	343	42
1	31	21	40	0.3	1	321	55
1	31	21	45	0.5	0	264	18

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)
1	31	21	50	0.3	1	352	34
1	31	21	55	0.2	0	337	19
1	31	22	0	0.3	1	340	17
1	31	22	5	0.3	1	329	17
1	31	22	10	0.3	1	330	33
1	31	22	15	0.2	1	278	36
1	31	22	20	0.4	0	300	40
1	31	22	25	0.3	1	275	58
1	31	22	30	0.3	1	325	43
1	31	22	35	0.5	1	312	58
1	31	22	40	0.3	1	317	41
1	31	22	45	0.5	1	282	55
1	31	22	50	0.6	1	312	34
1	31	22	55	0.9	2	348	21
1	31	23	0	0.8	1	8	30
1	31	23	5	0.5	1	349	37
1	31	23	10	0.1	1	330	62
1	31	23	15	0.3	1	279	98
1	31	23	20	0.2	1	353	26
1	31	23	25	0.4	1	344	57
1	31	23	30	0.3	1	351	35
1	31	23	35	0.4	0	357	32
1	31	23	40	0.3	1	318	54
1	31	23	45	0.2	0	322	24
1	31	23	50	0.3	1	352	59
1	31	23	55	0.9	2	354	24

