

***Annexure
EIA Report for Bokajan Plant
Expansion***

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ANNEXURE 1: TOR PROVIDED BY MOEF TO CCI FOR PROPOSED CEMENT PLANT EXPANSION

F. No. J-11011/435/2010-IA-II (I)
Government of India
Ministry of Environment and Forests
(I.A. Division)

Paryavaran Bhawan
CGO Complex, Lodhi Road
New Delhi – 110 003
E-mail: ms.industry-mef@nic.in
Tele/fax: 011 – 2436 3973
Dated: December 3rd, 2010

To,
The General Manager,
M/s Cement Corporation of India Limited
P.O.: Bokajan Cement Factory,
District Karbi Anglong -782 490, Assam

Ph: 03675 246106 Fax: 03675- 246107
E-mail: bokajacement@gmail.com

Sub: Proposed Expansion of cement manufacturing unit from 600 TPD to 1200 TPD at Village Bokajan, District Karbi Anglong in Assam by M/s Cement Corporation of India Limited – reg. TORs

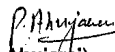
Sir,

This is in continuation of this Ministry's earlier letter of even no. dated 19.11.2010 on the above mentioned subject.

2. In the subject of the letter, it may be read as cement manufacturing unit instead of cement grinding unit.

3. In para no. 4, it is mentioned that the proposal is exempted from public hearing which has been mentioned inadvertently. Based on the TORs prescribed vide Ministry's letter of even no. dated 19.11.2010, the draft EIA report shall be prepared and submitted to the State Pollution Control Board for public hearing. The issues emerged during the public hearing along with response shall be included in the EIA report. The final EIA report submitted to the Ministry for obtaining environmental clearance

Yours faithfully,


(Dr. P.L. Ahujarai)
Scientist 'F'

Copy to: The Chairman, Assam Pollution Control Board, Bahunimatram, Guwahati, Assam.


(Dr. P.L. Ahujarai)
Scientist 'F'

F. No. J-11011/435/2010-IA-II (I)
Government of India
Ministry of Environment and Forests
(I.A. Division)

Paryavaran Bhawan
CGO Complex, Lodhi Road
New Delhi - 110 003
E-mail: ms.industry-mef@nic.in
Tele/fax: 011 - 2436 3973
Dated: November 19th, 2010

To,

The General Manager,
M/s Cement Corporation of India Limited
P.O.: Bokajan Cement Factory,
District Karbi Anglong -782 490, Assam

Ph: 03675 246106 Fax: 03675- 246107

E-mail: bokajacement@gmail.com

Sub: Proposed Expansion of cement grinding unit from 600 TPD to 1200 TPD at Village Bokajan, District Karbi Anglong in Assam by M/s Cement Corporation of India Limited ?TORs reg.

Sir,

Kindly refer to your letter no. BKJ/PORD-EXP/EC/10-11 dated 4th August, 2010 along with Form-I and proposed TORs as per the EIA Notification, 2006.

2. The above proposal was considered by the Expert Appraisal Committee-1 (Industry) in its 15th meeting held on 25th - 27th October, 2010 for prescribing TORs for undertaking detailed EIA /EMP study. Based on the information furnished and presentation made by you and your consultant, M/s. SENES Consultants India Private Limited, the Committee prescribed the following TORs for preparation of EIA/EMP Report as per the following TORs:

1. Executive summary of the project.
2. Photographs of the existing and proposed plant area.
3. A line diagram/flow sheet for the process and EMP
4. Compliance to the conditions stipulated in the Environmental Clearance and NOC granted by the SPCB as may be applicable in this case..
5. Proposal should be submitted to the Ministry for environment clearance only after acquiring total land. Necessary documents indicating acquisition of land should be included.
6. A site location map on Indian map of 1:10, 00,000 scale followed by 1:50,000/1:25,000 scale on an A3/A2 sheet with at least next 10 Kms of terrains i.e. circle of 10 kms and further 10 kms on A3/A2 sheets with proper

- longitude/latitude/heights with min. 100/200 m. contours should be included. 3-D view i.e. DEM (Digital Elevation Model) for the area in 10 km radius from the proposal site.
7. Present land use should be prepared based on satellite imagery. High-resolution satellite image data having 1m-5m spatial resolution like quickbird, Ikonos, IRS P-6 pan sharpened etc. for the 10Km radius area from proposed site. The same should be used for land used/land-cover mapping of the area.
 8. Location of national parks / wildlife sanctuary / reserve forests within 10 km. radius should specifically be mentioned. A map showing landuse/landcover, reserved forests, wildlife sanctuaries, national parks, tiger reserve etc in 10 km of the project site.
 9. A list of industries within 10 km radius of the plant area.
 10. Details and classification of total land (identified and acquired) should be included.
 11. Project site layout plan showing raw materials and other storage plans, bore well or water storage, aquifers (within 1 km.) dumping, waste disposal, green areas, water bodies, rivers/drainage passing through the project site should be included.
 12. List of raw material required and source along with mode of transportation should be included. All the trucks for raw material and finished product transportation must be "Environmentally Compliant".
 13. Quantification & Characterization of solid /hazardous waste & its action plan for management should be included.
 14. Mass balance for the raw material and products should be included.
 15. Energy balance data for all the components of ferro alloy plant should be incorporated.
 16. Design details of Plant and manufacturing process details should be included.
 17. Site-specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall is necessary.
 18. Ambient air quality at 8 locations within the study area of 10 km., aerial coverage from project site with one AAQMS in downwind direction should be carried out.
 19. The suspended particulate matter present in the ambient air must be analyzed for the presence of poly-aromatic hydrocarbons (PAH), i.e. Benzene soluble fraction. Chemical characterization of RSPM and incorporating of RSPM data.
 20. Determination of atmospheric inversion level at the project site and assessment of ground level concentration of pollutants from the stack emission based on site-specific meteorological features.
 21. Air quality modeling for specific pollutants needs to be done. APCS for the control of emissions should also be included to control emissions within 50 mg/Nm³.
 22. Ambient air quality as per National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 should be included.
 23. Air Quality Impact Prediction Modeling based on ISCST-3 or the latest models.

24. Impact of the transport of the raw materials and end products on the surrounding environment should be assessed and provided.
25. An action plan to control and monitor secondary fugitive emissions from all the sources as per the latest permissible limits issued by the Ministry vide G.S.R. 414(E) dated 30th May, 2008.
26. Presence of aquifer/aquifers within 1 km of the project boundaries and management plan for recharging the aquifer should be included.
27. Source of surface/ground water level, site (GPS), cation, anion (Ion Chromatograph), metal trace element (as above) chemical analysis for water to be used. If surface water is used from river, rainfall, discharge rate, quantity, drainage and distance from project site should also be included.
28. Ground water analysis with bore well data, litho-logs, drawdown and recovery tests to quantify the area and volume of aquifer and its management.
29. "Permission" for the drawl of water should be obtained. Water balance data must be provided.
30. A note on the impact of drawl of water on the nearby River during lean season.
31. Action plan for rainwater harvesting measures.
32. Surface water quality of nearby River (60 m upstream and downstream) and other surface drains at eight locations must be ascertained.
33. If the site is within 10 km radius of any major river, Flood Hazard Zonation Mapping is required at 1:5000 to 1:10,000 scales indicating the peak and lean river discharge as well as flood occurrence frequency.
34. Pretreatment of raw water, treatment plant for waste water should be described in detail. Design specifications may be included.
35. Ground water monitoring minimum at 8 locations and near solid waste dump zone, Geological features and Geo-hydrological status of the study area are essential as also. Ecological status (Terrestrial and Aquatic) is vital.
36. Action plan for solid/hazardous waste generation, storage, utilization and disposal particularly slag from all the sources should also be included.
37. Acton plan for the green belt development plan in 33 % area should be included.
38. Detailed description of the flora and fauna (terrestrial and aquatic) should be given with special reference to rare, endemic and endangered species.
39. The protection against the Seismic Hazards and Disaster Management Plan including risk assessment and damage control needs to be addressed and included.
40. Occupational health:
 - a) Details of existing Occupational & Safety Hazards. What are the exposure levels of above mentioned hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved,
 - b) Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre designed format, chest x rays, Audiometry, Spirometry, Vision testing (Far & Near vision, colour vision

and any other ocular defect) ECG, during pre placement and periodical examinations give the details of the same. Details regarding last month analyzed data of abovementioned parameters as per age, sex, duration of exposure and department wise.

- c) Annual report of health status of workers with special reference to Occupational Health and Safety.

41. At least 5 % of the total cost of the project should be earmarked towards the corporate social responsibility and item-wise details along with time bound action plan should be included. Socio-economic development activities need to be elaborated upon.
42. Total capital cost and recurring cost/annum for environmental pollution control measures should also be included.
43. Any litigation pending against the project and / or any direction / order passed by any Court of Law against the project, if so, details thereof.

3. The consultant involved in the preparation of EIA/EMP report after accreditation with Quality Council of India (QCI) / National Accreditation Board of Education and Training (NABET) would need to include a certificate in this regard in the EIA/EMP reports prepared by them and data provided by other organization/Laboratories including their status of approvals etc.

4. The Expert Appraisal Committee (Industry) decided that PAs may be communicated the above TORs for the preparation of EIA/EMP. As soon as the EIA/EMP report is prepared, the same may be submitted by the PAs to the MOEF for prior environmental clearance. **The proposal is exempted from public hearing** by categorizing in B-2 category due to use of energy efficient technology, no clinker manufacturing at the proposed site, no sensitive area within 10 km. radius, "zero" effluent discharge, utilization of all the solid waste in the process itself including utilization of fly ash etc.

5. The TORs prescribed shall be valid for a period of two years for submission of the EIA/EMP reports.

Yours faithfully,

(Dr. P.L. Ahujarai)
Scientist "F"

Copy to: The Chairman, Assam Pollution Control Board, Bahunimatram, Guwahati, Assam.

(Dr. P.L. Ahujarai)
Scientist 'F'

ANNEXURE 2: PRIMARY METEOROLOGICAL RESULTS

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	3	11	5.00	17.45	65.31	1.81	301
2010	3	11	6.00	18.20	63.52	1.39	4
2010	3	11	7.00	19.12	62.44	1.95	12
2010	3	11	8.00	20.21	65.85	1.25	50
2010	3	11	9.00	22.50	64.59	2.79	28
2010	3	11	10.00	23.40	65.89	2.93	316
2010	3	11	11.00	24.80	66.42	1.11	303
2010	3	11	12.00	25.00	67.91	1.39	27
2010	3	11	13.00	26.40	68.63	1.39	342
2010	3	11	14.00	27.40	66.07	0.97	4
2010	3	11	15.00	27.46	68.18	1.25	3
2010	3	11	16.00	25.40	69.61	0.69	308
2010	3	11	17.00	24.40	70.07	1.11	324
2010	3	11	18.00	23.20	71.66	0.97	352
2010	3	11	19.00	23.10	72.26	1.11	1
2010	3	11	20.00	22.00	72.51	0.55	4
2010	3	11	21.00	21.10	74.47	0.27	3
2010	3	11	22.00	20.00	75.39	0.27	4
2010	3	11	23.00	18.20	78.09	0.83	30
2010	3	11	24.00	18.10	78.74	0.69	46
2010	3	12	1.00	17.40	79.51	0.41	358
2010	3	12	2.00	16.50	80.83	0.27	358
2010	3	12	3.00	16.30	82.23	0.00	0
2010	3	12	4.00	18.40	85.48	0.83	339
2010	3	12	5.00	17.59	82.64	0.27	354
2010	3	12	6.00	18.34	83.38	0.83	330
2010	3	12	7.00	19.26	81.47	0.69	346
2010	3	12	8.00	20.35	81.09	0.69	322
2010	3	12	9.00	22.64	83.65	0.27	322
2010	3	12	10.00	23.54	84.64	0.00	0
2010	3	12	11.00	24.94	85.04	0.55	16
2010	3	12	12.00	25.14	87.11	0.00	0
2010	3	12	13.00	26.54	88.42	0.00	0
2010	3	12	14.00	27.54	88.42	0.00	0
2010	3	12	15.00	27.60	89.85	0.00	0
2010	3	12	16.00	25.54	90.14	0.00	0
2010	3	12	17.00	24.54	90.75	0.00	0
2010	3	12	18.00	23.34	91.34	0.00	0
2010	3	12	19.00	23.24	91.69	0.00	0
2010	3	12	20.00	22.14	92.31	0.00	0
2010	3	12	21.00	21.24	90.98	0.41	336
2010	3	12	22.00	20.14	92.16	0.00	0
2010	3	12	23.00	18.34	92.88	0.00	0
2010	3	12	24.00	18.24	93.05	0.00	0
2010	3	13	1.00	17.65	93.07	0.00	0
2010	3	13	2.00	16.75	92.85	0.00	0
2010	3	13	3.00	16.55	92.99	0.00	0
2010	3	13	4.00	18.65	93.14	0.00	0
2010	3	13	5.00	17.84	92.76	0.00	0

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	3	13	6.00	18.59	93.33	0.00	0
2010	3	13	7.00	19.51	93.41	0.00	0
2010	3	13	8.00	20.60	93.88	0.00	0
2010	3	13	9.00	22.89	93.96	0.00	0
2010	3	13	10.00	23.79	93.73	0.00	0
2010	3	13	11.00	25.19	93.8	0.00	0
2010	3	13	12.00	25.39	93.86	0.00	0
2010	3	13	13.00	26.79	93.98	0.41	93
2010	3	13	14.00	27.79	94.2	0.41	168
2010	3	13	15.00	27.85	94.62	0.83	181
2010	3	13	16.00	25.79	94.13	0.83	183
2010	3	13	17.00	24.79	93.98	0.00	0
2010	3	13	18.00	23.59	93.75	0.00	0
2010	3	13	19.00	23.49	93.57	0.41	186
2010	3	13	20.00	22.39	93.21	0.00	0
2010	3	13	21.00	21.49	92.91	0.27	189
2010	3	13	22.00	20.39	91.62	0.00	0
2010	3	13	23.00	18.59	89.84	0.27	190
2010	3	13	24.00	18.49	88.24	0.00	0
2010	3	14	1.00	17.30	82.19	0.69	4
2010	3	14	2.00	16.40	84.83	1.25	7
2010	3	14	3.00	16.20	84.03	1.11	19
2010	3	14	4.00	18.30	81.08	1.25	357
2010	3	14	5.00	17.49	77.07	1.81	330
2010	3	14	6.00	18.24	77.09	1.81	325
2010	3	14	7.00	19.16	72.24	1.25	9
2010	3	14	8.00	20.25	73.64	2.37	57
2010	3	14	9.00	22.54	72.38	1.67	333
2010	3	14	10.00	23.44	68.72	2.23	34
2010	3	14	11.00	24.84	67.73	1.67	35
2010	3	14	12.00	25.04	66.31	1.67	44
2010	3	14	13.00	26.44	64.51	1.67	329
2010	3	14	14.00	27.44	63.46	1.39	24
2010	3	14	15.00	27.50	64.74	1.95	77
2010	3	14	16.00	25.44	57.91	1.81	199
2010	3	14	17.00	24.44	63.35	1.25	56
2010	3	14	18.00	23.24	61.39	1.25	145
2010	3	14	19.00	23.14	60.28	1.25	66
2010	3	14	20.00	22.04	59.61	1.11	123
2010	3	14	21.00	21.14	57.5	1.39	178
2010	3	14	22.00	20.04	51.46	1.25	193
2010	3	14	23.00	18.24	52.87	1.67	2
2010	3	14	24.00	18.14	53.36	1.53	357
2010	3	15	1.00	17.25	55.21	1.53	316
2010	3	15	2.00	16.35	54.74	1.81	28
2010	3	15	3.00	16.15	50.43	1.11	346
2010	3	15	4.00	18.25	56.22	1.95	5
2010	3	15	5.00	17.44	59.6	2.37	332
2010	3	15	6.00	18.19	58.34	1.11	339
2010	3	15	7.00	19.11	52.7	1.39	4

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	3	15	8.00	20.20	57.29	1.25	358
2010	3	15	9.00	22.49	57.75	2.09	349
2010	3	15	10.00	23.39	58.16	1.53	4
2010	3	15	11.00	24.79	57.96	1.39	3
2010	3	15	12.00	24.99	56.51	1.25	342
2010	3	15	13.00	26.39	56.58	0.69	349
2010	3	15	14.00	27.39	57.37	0.41	13
2010	3	15	15.00	27.45	58.51	0.97	6
2010	3	15	16.00	25.39	60.98	1.39	13
2010	3	15	17.00	24.39	61.27	0.69	24
2010	3	15	18.00	23.19	61.78	0.00	0
2010	3	15	19.00	23.09	62.53	0.00	0
2010	3	15	20.00	21.99	65.23	0.00	0
2010	3	15	21.00	21.09	66.89	0.00	0
2010	3	15	22.00	19.99	67.89	0.00	0
2010	3	15	23.00	18.19	69.04	0.00	0
2010	3	15	24.00	18.09	71.26	0.00	0
2010	3	16	1.00	16.40	75.3	0.83	9
2010	3	16	2.00	15.50	77.16	0.69	356
2010	3	16	3.00	15.30	78.6	0.13	356
2010	3	16	4.00	17.40	82.24	0.69	297
2010	3	16	5.00	16.59	81.33	0.83	300
2010	3	16	6.00	17.34	79.78	0.83	336
2010	3	16	7.00	18.26	79.4	0.41	335
2010	3	16	8.00	19.35	78.46	0.41	344
2010	3	16	9.00	21.64	79.25	0.27	339
2010	3	16	10.00	22.54	81.54	0.00	0
2010	3	16	11.00	23.94	83.74	0.27	331
2010	3	16	12.00	24.14	85.28	0.13	336
2010	3	16	13.00	25.54	86.77	0.00	0
2010	3	16	14.00	26.54	88.32	0.00	0
2010	3	16	15.00	26.60	88.59	0.00	0
2010	3	16	16.00	24.54	88.14	0.00	0
2010	3	16	17.00	23.54	89.42	0.00	0
2010	3	16	18.00	22.34	89.9	0.00	0
2010	3	16	19.00	22.24	89.32	0.00	0
2010	3	16	20.00	21.14	88.56	0.00	0
2010	3	16	21.00	20.24	89.6	0.00	0
2010	3	16	22.00	19.14	89.45	0.00	0
2010	3	16	23.00	17.34	89.62	0.00	0
2010	3	16	24.00	17.24	89.61	0.00	0
2010	3	17	1.00	16.90	91.56	0.83	307
2010	3	17	2.00	16.00	91.22	0.69	330
2010	3	17	3.00	15.80	91.27	0.69	303
2010	3	17	4.00	17.90	90.46	0.69	335
2010	3	17	5.00	17.09	90.16	0.00	0
2010	3	17	6.00	17.84	90.92	0.27	326
2010	3	17	7.00	18.76	90.85	0.69	315
2010	3	17	8.00	19.85	90.63	0.13	315
2010	3	17	9.00	22.14	90.66	0.41	312

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	3	17	10.00	23.04	91.24	0.00	0
2010	3	17	11.00	24.44	91.12	0.00	0
2010	3	17	12.00	24.64	91.32	0.00	0
2010	3	17	13.00	26.04	91.93	0.00	0
2010	3	17	14.00	27.04	91.94	0.00	0
2010	3	17	15.00	27.10	92.82	0.00	0
2010	3	17	16.00	25.04	92.87	0.00	0
2010	3	17	17.00	24.04	93.62	0.00	0
2010	3	17	18.00	22.84	93.5	0.00	0
2010	3	17	19.00	22.74	94.23	0.55	311
2010	3	17	20.00	21.64	93.58	0.00	0
2010	3	17	21.00	20.74	91.26	0.00	0
2010	3	17	22.00	19.64	89.87	0.00	0
2010	3	17	23.00	17.84	90.45	0.27	352
2010	3	17	24.00	17.74	90.78	0.83	355
2010	3	18	1.00	17.48	90.6	0.69	36
2010	3	18	2.00	16.58	90.29	0.55	346
2010	3	18	3.00	16.38	88.79	0.41	17
2010	3	18	4.00	18.48	87.95	0.69	352
2010	3	18	5.00	17.67	87.14	0.41	34
2010	3	18	6.00	18.42	85.87	0.00	0
2010	3	18	7.00	19.34	86.72	0.41	10
2010	3	18	8.00	20.43	85.39	0.13	30
2010	3	18	9.00	22.72	84.24	0.00	0
2010	3	18	10.00	23.62	84.45	0.41	264
2010	3	18	11.00	25.02	83.59	0.27	263
2010	3	18	12.00	25.22	88.34	1.39	203
2010	3	18	13.00	26.62	90.02	2.93	195
2010	3	18	14.00	27.62	92.75	2.65	225
2010	3	18	15.00	27.68	93.64	1.39	186
2010	3	18	16.00	25.62	93.9	1.95	206
2010	3	18	17.00	24.62	93.89	0.97	163
2010	3	18	18.00	23.42	93.73	0.69	207
2010	3	18	19.00	23.32	93.72	0.69	167
2010	3	18	20.00	22.22	93.11	0.97	124
2010	3	18	21.00	21.32	93.66	1.11	124
2010	3	18	22.00	20.22	94.09	0.83	215
2010	3	18	23.00	18.42	93.9	1.11	180
2010	3	18	24.00	18.32	93.61	1.25	143
2010	3	19	1.00	17.53	93.82	1.53	174
2010	3	19	2.00	16.63	93.98	1.53	177
2010	3	19	3.00	16.43	93.63	1.53	183
2010	3	19	4.00	18.53	92.14	0.97	154
2010	3	19	5.00	17.72	91.16	1.11	94
2010	3	19	6.00	18.47	88.86	2.37	73
2010	3	19	7.00	19.39	89.39	1.95	158
2010	3	19	8.00	20.48	87.31	1.11	82
2010	3	19	9.00	22.77	84.14	1.25	147
2010	3	19	10.00	23.67	84.92	1.25	321
2010	3	19	11.00	25.07	83.77	0.83	342

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	3	19	12.00	25.27	83.39	1.53	288
2010	3	19	13.00	26.67	83.97	0.55	350
2010	3	19	14.00	27.67	81.61	0.83	327
2010	3	19	15.00	27.73	82.51	0.55	85
2010	3	19	16.00	25.67	82.48	0.97	93
2010	3	19	17.00	24.67	81.1	0.41	83
2010	3	19	18.00	23.47	83.11	0.55	34
2010	3	19	19.00	23.37	84.48	0.55	37
2010	3	19	20.00	22.27	85.03	0.00	0
2010	3	19	21.00	21.37	86.78	0.00	0
2010	3	19	22.00	20.27	88.74	0.00	0
2010	3	19	23.00	18.47	89.42	0.00	333
2010	3	19	24.00	18.37	90.3	0.41	333
2010	3	20	1.00	22.00	91.48	0.00	0
2010	3	20	2.00	22.25	92.58	0.00	0
2010	3	20	3.00	22.50	93.06	0.00	0
2010	3	20	4.00	17.53	93.17	0.00	0
2010	3	20	5.00	16.72	93.42	0.00	0
2010	3	20	6.00	17.47	93.09	0.27	294
2010	3	20	7.00	24.40	93.06	0.00	294
2010	3	20	8.00	26.50	93.15	0.27	286
2010	3	20	9.00	27.40	93.09	0.00	0
2010	3	20	10.00	22.67	93.42	0.00	0
2010	3	20	11.00	29.10	93.44	0.00	0
2010	3	20	12.00	30.80	93.38	0.00	0
2010	3	20	13.00	30.20	92.88	0.27	299
2010	3	20	14.00	29.40	92.85	0.13	299
2010	3	20	15.00	26.30	93.67	0.00	0
2010	3	20	16.00	25.20	94.06	0.00	0
2010	3	20	17.00	24.30	93.98	0.00	0
2010	3	20	18.00	24.40	94.23	0.00	0
2010	3	20	19.00	23.10	94.52	0.27	35
2010	3	20	20.00	23.00	94.8	0.00	0
2010	3	20	21.00	23.00	94.82	0.00	0
2010	3	20	22.00	22.80	95.14	0.00	0
2010	3	20	23.00	22.90	94.88	0.00	0
2010	3	20	24.00	22.80	95.04	0.00	0
2010	3	21	1.00	22.15	95.02	0.00	0
2010	3	21	2.00	22.40	95.06	0.00	0
2010	3	21	3.00	22.65	95.14	0.00	0
2010	3	21	4.00	17.68	95.09	0.00	0
2010	3	21	5.00	16.87	95.26	0.00	0
2010	3	21	6.00	17.62	95.14	0.13	195
2010	3	21	7.00	24.55	95.4	0.55	207
2010	3	21	8.00	26.65	95.38	0.55	215
2010	3	21	9.00	27.55	95.3	0.69	199
2010	3	21	10.00	22.82	95.09	0.69	191
2010	3	21	11.00	29.25	94.77	0.83	176
2010	3	21	12.00	30.95	95.01	0.27	181
2010	3	21	13.00	30.35	94.93	0.13	177

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	3	21	14.00	29.55	95.5	0.00	0
2010	3	21	15.00	26.45	95.38	0.55	190
2010	3	21	16.00	25.35	95.37	0.13	190
2010	3	21	17.00	24.45	95.47	0.13	156
2010	3	21	18.00	24.55	95.38	0.27	174
2010	3	21	19.00	23.25	95.09	0.00	0
2010	3	21	20.00	23.15	94.66	0.00	0
2010	3	21	21.00	23.15	93.61	0.13	175
2010	3	21	22.00	22.95	93.02	0.55	78
2010	3	21	23.00	23.05	92.43	0.55	80
2010	3	21	24.00	22.95	92.71	0.69	108
2010	3	22	1.00	22.16	91.14	0.55	27
2010	3	22	2.00	22.41	90.51	0.69	156
2010	3	22	3.00	22.66	88.65	0.55	163
2010	3	22	4.00	17.69	87.59	0.83	48
2010	3	22	5.00	16.88	83.73	0.83	2
2010	3	22	6.00	17.63	81.59	0.55	153
2010	3	22	7.00	24.56	82.3	0.83	144
2010	3	22	8.00	26.66	81.61	1.25	117
2010	3	22	9.00	27.56	79.36	1.81	158
2010	3	22	10.00	22.83	79.38	1.95	90
2010	3	22	11.00	29.26	78.87	2.65	197
2010	3	22	12.00	30.96	75.97	1.95	108
2010	3	22	13.00	30.36	73.46	2.51	151
2010	3	22	14.00	29.56	74.34	2.37	66
2010	3	22	15.00	26.46	69.29	1.95	46
2010	3	22	16.00	25.36	69.38	2.65	176
2010	3	22	17.00	24.46	70.64	2.23	74
2010	3	22	18.00	24.56	70.67	1.95	131
2010	3	22	19.00	23.26	65.89	2.09	188
2010	3	22	20.00	23.16	63.75	1.95	207
2010	3	22	21.00	23.16	67.86	1.67	71
2010	3	22	22.00	22.96	64.2	2.23	180
2010	3	22	23.00	23.06	58.33	3.07	244
2010	3	22	24.00	22.96	57.26	3.21	229
2010	3	23	1.00	21.95	55.87	2.79	215
2010	3	23	2.00	22.20	57.29	3.07	199
2010	3	23	3.00	22.45	56.74	2.51	182
2010	3	23	4.00	17.48	54.78	2.09	227
2010	3	23	5.00	16.67	53.98	2.51	197
2010	3	23	6.00	17.42	56.23	2.23	147
2010	3	23	7.00	24.35	61.2	2.23	213
2010	3	23	8.00	26.45	73.75	1.39	272
2010	3	23	9.00	27.35	81.35	3.91	141
2010	3	23	10.00	22.62	86.39	1.67	153
2010	3	23	11.00	29.05	85.43	0.55	182
2010	3	23	12.00	30.75	80.91	2.09	127
2010	3	23	13.00	30.15	82.35	0.69	207
2010	3	23	14.00	29.35	82.91	0.55	182
2010	3	23	15.00	26.25	79.31	2.09	231

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	3	23	16.00	25.15	76.15	1.67	192
2010	3	23	17.00	24.25	76.82	2.37	103
2010	3	23	18.00	24.35	77.56	2.37	86
2010	3	23	19.00	23.05	79.46	1.53	58
2010	3	23	20.00	22.95	81.99	0.55	78
2010	3	23	21.00	22.95	83.12	0.83	88
2010	3	23	22.00	22.75	82.4	1.67	93
2010	3	23	23.00	22.85	80.94	0.69	262
2010	3	23	24.00	22.75	83.15	1.25	76
2010	3	24	1.00	22.08	82.97	1.39	129
2010	3	24	2.00	22.33	79.69	0.83	82
2010	3	24	3.00	22.58	77.85	0.69	112
2010	3	24	4.00	17.61	78.61	0.41	153
2010	3	24	5.00	16.80	79.91	0.55	115
2010	3	24	6.00	17.55	79.43	0.97	158
2010	3	24	7.00	24.48	77.92	0.83	145
2010	3	24	8.00	26.58	81.33	0.55	96
2010	3	24	9.00	27.48	79.37	0.83	80
2010	3	24	10.00	22.75	81.74	1.11	197
2010	3	24	11.00	29.18	76.33	0.97	135
2010	3	24	12.00	30.88	79.15	0.00	0
2010	3	24	13.00	30.28	79.83	0.13	73
2010	3	24	14.00	29.48	76.84	0.00	0
2010	3	24	15.00	26.38	81.76	0.41	73
2010	3	24	16.00	25.28	77.4	0.55	113
2010	3	24	17.00	24.38	77.8	1.11	98
2010	3	24	18.00	24.48	79.98	0.41	32
2010	3	24	19.00	23.18	82.56	0.13	4
2010	3	24	20.00	23.08	81.22	0.55	59
2010	3	24	21.00	23.08	78.58	0.55	89
2010	3	24	22.00	22.88	77.78	0.97	161
2010	3	24	23.00	22.98	77.4	0.97	129
2010	3	24	24.00	22.88	77.39	0.69	119
2010	3	25	1.00	23.00	78.73	1.25	138
2010	3	25	2.00	23.25	81.4	1.25	132
2010	3	25	3.00	23.50	81.28	0.97	45
2010	3	25	4.00	18.53	83.64	0.83	86
2010	3	25	5.00	17.72	86.8	0.55	57
2010	3	25	6.00	18.47	88.29	0.55	59
2010	3	25	7.00	25.40	90.06	0.55	118
2010	3	25	8.00	27.50	89.17	0.55	117
2010	3	25	9.00	28.40	90.16	0.27	173
2010	3	25	10.00	23.67	90.58	0.00	0
2010	3	25	11.00	30.10	89.98	0.41	190
2010	3	25	12.00	31.80	91.48	0.00	0
2010	3	25	13.00	31.20	90.95	0.00	0
2010	3	25	14.00	30.40	89.89	0.41	144
2010	3	25	15.00	27.30	91.56	0.97	310
2010	3	25	16.00	26.20	90.97	0.69	3
2010	3	25	17.00	25.30	91.31	0.27	354

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	3	25	18.00	25.40	91.61	0.97	27
2010	3	25	19.00	24.10	91.17	0.00	0
2010	3	25	20.00	24.00	91.29	0.55	307
2010	3	25	21.00	24.00	91.84	0.41	189
2010	3	25	22.00	23.80	91.97	1.11	293
2010	3	25	23.00	23.90	91.43	0.69	218
2010	3	25	24.00	23.80	91.87	0.69	205
2010	3	26	1.00	22.75	91.72	0.55	192
2010	3	26	2.00	23.00	90.34	1.11	202
2010	3	26	3.00	23.25	86.72	2.09	181
2010	3	26	4.00	18.28	81.5	3.91	182
2010	3	26	5.00	17.47	80.42	3.21	169
2010	3	26	6.00	18.22	79.12	2.93	204
2010	3	26	7.00	25.15	75.01	2.65	350
2010	3	26	8.00	27.25	72.49	2.51	313
2010	3	26	9.00	28.15	69.28	3.21	262
2010	3	26	10.00	23.42	67.07	2.51	213
2010	3	26	11.00	29.85	65.59	2.51	213
2010	3	26	12.00	31.55	64.42	1.53	121
2010	3	26	13.00	30.95	61.41	1.95	135
2010	3	26	14.00	30.15	61.53	2.51	160
2010	3	26	15.00	27.05	59.74	2.23	171
2010	3	26	16.00	25.95	58.23	1.95	90
2010	3	26	17.00	25.05	55.89	1.81	80
2010	3	26	18.00	25.15	56.04	2.09	199
2010	3	26	19.00	23.85	55.63	1.81	151
2010	3	26	20.00	23.75	54.24	1.95	174
2010	3	26	21.00	23.75	49.7	2.09	108
2010	3	26	22.00	23.55	49.07	2.37	119
2010	3	26	23.00	23.65	48.64	2.79	148
2010	3	26	24.00	23.55	46.85	2.37	130
2010	3	27	1.00	22.82	46.27	2.51	230
2010	3	27	2.00	23.07	45.06	2.37	238
2010	3	27	3.00	23.32	45.16	1.11	195
2010	3	27	4.00	18.35	43.64	1.53	207
2010	3	27	5.00	17.54	67.91	1.67	1
2010	3	27	6.00	18.29	64.75	2.51	235
2010	3	27	7.00	25.22	62.14	1.53	352
2010	3	27	8.00	27.32	64.41	3.21	8
2010	3	27	9.00	28.22	65.01	2.09	350
2010	3	27	10.00	23.49	68.06	2.09	87
2010	3	27	11.00	29.92	73.03	1.81	325
2010	3	27	12.00	31.62	79.99	3.49	22
2010	3	27	13.00	31.02	78.88	2.09	343
2010	3	27	14.00	30.22	81.11	3.21	326
2010	3	27	15.00	27.12	80.7	2.51	27
2010	3	27	16.00	26.02	81.36	3.91	1
2010	3	27	17.00	25.12	81.92	1.95	19
2010	3	27	18.00	25.22	82.53	1.95	2
2010	3	27	19.00	23.92	82.59	1.53	51

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	3	27	20.00	23.82	84.25	2.51	358
2010	3	27	21.00	23.82	84.75	2.37	305
2010	3	27	22.00	23.62	85.36	1.81	347
2010	3	27	23.00	23.72	86.41	1.67	43
2010	3	27	24.00	23.62	86.31	1.95	354
2010	3	28	1.00	22.65	86.22	1.67	353
2010	3	28	2.00	22.90	86.13	1.11	345
2010	3	28	3.00	23.15	85.25	1.95	7
2010	3	28	4.00	18.18	85.48	2.09	351
2010	3	28	5.00	17.37	86.27	1.25	345
2010	3	28	6.00	18.12	86.13	1.53	45
2010	3	28	7.00	25.05	86.49	1.95	355
2010	3	28	8.00	27.15	86.36	1.81	12
2010	3	28	9.00	28.05	86.64	1.11	356
2010	3	28	10.00	23.32	86.67	1.25	358
2010	3	28	11.00	29.75	86.29	1.25	35
2010	3	28	12.00	31.45	86.27	1.25	55
2010	3	28	13.00	30.85	86.21	1.53	353
2010	3	28	14.00	30.05	86.27	0.83	275
2010	3	28	15.00	26.95	86.71	0.55	59
2010	3	28	16.00	25.85	86.49	0.55	347
2010	3	28	17.00	24.95	87.01	0.41	346
2010	3	28	18.00	25.05	87.51	0.69	0
2010	3	28	19.00	23.75	87.88	0.55	353
2010	3	28	20.00	23.65	88.51	0.41	340
2010	3	28	21.00	23.65	88.21	0.41	354
2010	3	28	22.00	23.45	89.03	0.41	351
2010	3	28	23.00	23.55	88.98	0.55	352
2010	3	28	24.00	23.45	89.43	0.27	354
2010	3	29	1.00	21.98	90.03	0.27	358
2010	3	29	2.00	22.23	90.1	0.41	356
2010	3	29	3.00	22.48	89.82	0.41	328
2010	3	29	4.00	17.51	89.88	0.83	5
2010	3	29	5.00	16.70	90.4	0.13	347
2010	3	29	6.00	17.45	90.76	0.00	0
2010	3	29	7.00	24.38	91.38	0.27	30
2010	3	29	8.00	26.48	91.4	0.41	19
2010	3	29	9.00	27.38	91.58	0.13	25
2010	3	29	10.00	22.65	91.67	0.00	0
2010	3	29	11.00	29.08	91.47	0.00	0
2010	3	29	12.00	30.78	92.58	0.00	0
2010	3	29	13.00	30.18	93.44	0.55	320
2010	3	29	14.00	29.38	92.79	0.00	0
2010	3	29	15.00	26.28	92.57	0.00	0
2010	3	29	16.00	25.18	92.51	0.00	0
2010	3	29	17.00	24.28	92.75	0.41	320
2010	3	29	18.00	24.38	92.88	0.55	328
2010	3	29	19.00	23.08	92.21	0.13	327
2010	3	29	20.00	22.98	91.84	0.13	332
2010	3	29	21.00	22.98	91.83	0.13	333

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	3	29	22.00	22.78	92	0.27	313
2010	3	29	23.00	22.88	90.95	0.13	326
2010	3	29	24.00	22.78	90.96	0.55	304
2010	3	30	1.00	22.95	89.6	0.27	346
2010	3	30	2.00	23.20	88.76	0.97	341
2010	3	30	3.00	23.45	87.37	1.11	353
2010	3	30	4.00	18.48	86.09	0.41	16
2010	3	30	5.00	17.67	85.65	0.69	289
2010	3	30	6.00	18.42	84.43	0.69	72
2010	3	30	7.00	25.35	84.69	0.13	345
2010	3	30	8.00	27.45	83.93	0.00	0
2010	3	30	9.00	28.35	83.34	0.41	327
2010	3	30	10.00	23.62	82.73	0.13	76
2010	3	30	11.00	30.05	81.05	0.55	297
2010	3	30	12.00	31.75	81.81	0.97	207
2010	3	30	13.00	31.15	79.76	0.97	159
2010	3	30	14.00	30.35	76.11	1.11	20
2010	3	30	15.00	27.25	73.86	1.39	133
2010	3	30	16.00	26.15	70.7	1.67	296
2010	3	30	17.00	25.25	74.44	1.67	319
2010	3	30	18.00	25.35	69.08	1.95	107
2010	3	30	19.00	24.05	67.64	1.53	174
2010	3	30	20.00	23.95	62.75	0.83	290
2010	3	30	21.00	23.95	61.85	1.11	345
2010	3	30	22.00	23.75	64.79	1.53	204
2010	3	30	23.00	23.85	64.07	1.95	150
2010	3	30	24.00	23.75	65.33	1.39	82
2010	3	31	1.00	22.45	62.75	1.81	255
2010	3	31	2.00	22.70	57.06	1.81	148
2010	3	31	3.00	22.95	59.21	1.67	215
2010	3	31	4.00	17.98	56.39	0.69	314
2010	3	31	5.00	17.17	60.57	1.39	55
2010	3	31	6.00	17.92	61.23	1.53	222
2010	3	31	7.00	24.85	58.79	1.67	84
2010	3	31	8.00	26.95	60.28	1.39	71
2010	3	31	9.00	27.85	57.76	1.25	2
2010	3	31	10.00	23.12	58.58	1.25	137
2010	3	31	11.00	29.55	58.03	1.39	353
2010	3	31	12.00	31.25	57.42	0.00	0
2010	3	31	13.00	30.65	57.72	1.11	37
2010	3	31	14.00	29.85	58.2	0.41	317
2010	3	31	15.00	26.75	57.05	0.00	0
2010	3	31	16.00	25.65	58.88	0.00	0
2010	3	31	17.00	24.75	61.13	0.00	0
2010	3	31	18.00	24.85	65.32	2.09	270
2010	3	31	19.00	23.55	65.95	1.81	358
2010	3	31	20.00	23.45	68.32	1.39	340
2010	3	31	21.00	23.45	70.34	1.25	351
2010	3	31	22.00	23.25	70.42	1.67	15
2010	3	31	23.00	23.35	71.68	1.11	4

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	3	31	24.00	23.25	72.19	0.83	0
2010	4	1	1.00	22.99	73.44	1.11	350
2010	4	1	2.00	23.24	75.17	1.25	12
2010	4	1	3.00	23.49	76.52	1.67	358
2010	4	1	4.00	18.52	79.86	5.58	175
2010	4	1	5.00	17.71	94.06	5.16	37
2010	4	1	6.00	18.46	90.46	6.28	58
2010	4	1	7.00	25.39	90.1	1.81	86
2010	4	1	8.00	27.49	89.26	1.81	11
2010	4	1	9.00	28.39	88.78	1.11	341
2010	4	1	10.00	23.66	90.99	0.83	351
2010	4	1	11.00	30.09	90.02	0.55	334
2010	4	1	12.00	31.79	89.74	0.83	325
2010	4	1	13.00	31.19	91.24	0.83	316
2010	4	1	14.00	30.39	92.7	0.69	93
2010	4	1	15.00	27.29	92.72	0.41	305
2010	4	1	16.00	26.19	92.59	0.69	295
2010	4	1	17.00	25.29	92.62	0.00	0
2010	4	1	18.00	25.39	92.54	0.00	0
2010	4	1	19.00	24.09	93.74	0.00	0
2010	4	1	20.00	23.99	93.58	0.00	0
2010	4	1	21.00	23.99	93.76	0.00	0
2010	4	1	22.00	23.79	94.4	0.00	0
2010	4	1	23.00	23.89	94.45	0.00	0
2010	4	1	24.00	23.79	94.24	0.00	0
2010	4	2	1.00	22.60	93.91	0.00	0
2010	4	2	2.00	22.85	93.7	0.00	0
2010	4	2	3.00	23.10	93.71	0.00	0
2010	4	2	4.00	18.13	93.57	0.00	0
2010	4	2	5.00	17.32	93.73	0.00	0
2010	4	2	6.00	18.07	93.74	0.27	222
2010	4	2	7.00	25.00	93.37	0.00	0
2010	4	2	8.00	27.10	92.95	0.00	0
2010	4	2	9.00	28.00	93.93	0.00	0
2010	4	2	10.00	23.27	93.64	0.83	196
2010	4	2	11.00	29.70	92.1	0.97	170
2010	4	2	12.00	31.40	90.13	4.05	207
2010	4	2	13.00	30.80	88.42	4.32	199
2010	4	2	14.00	30.00	92.7	4.32	262
2010	4	2	15.00	26.90	93.52	0.69	305
2010	4	2	16.00	25.80	94.37	0.69	106
2010	4	2	17.00	24.90	94.21	1.67	152
2010	4	2	18.00	25.00	94.28	1.67	102
2010	4	2	19.00	23.70	94.35	0.41	148
2010	4	2	20.00	23.60	94.67	0.00	0
2010	4	2	21.00	23.60	94.79	0.00	0
2010	4	2	22.00	23.40	93.3	0.00	0
2010	4	2	23.00	23.50	90.51	0.27	344
2010	4	2	24.00	23.40	91.42	1.39	330
2010	4	3	1.00	23.01	89.81	1.39	347

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	4	3	2.00	23.26	89.52	0.97	14
2010	4	3	3.00	23.51	88	1.53	345
2010	4	3	4.00	18.54	84.62	1.39	7
2010	4	3	5.00	17.73	81.24	1.53	323
2010	4	3	6.00	18.48	81.25	1.53	346
2010	4	3	7.00	25.41	79.77	1.11	289
2010	4	3	8.00	27.51	77.28	1.53	327
2010	4	3	9.00	28.41	75.7	1.53	279
2010	4	3	10.00	23.68	73.19	1.95	41
2010	4	3	11.00	30.11	71.17	1.39	346
2010	4	3	12.00	31.81	67.99	1.53	94
2010	4	3	13.00	31.21	70.19	1.95	325
2010	4	3	14.00	30.41	64.41	0.27	339
2010	4	3	15.00	27.31	64.9	1.25	2
2010	4	3	16.00	26.21	66.46	1.25	23
2010	4	3	17.00	25.31	66.39	1.25	8
2010	4	3	18.00	25.41	65.51	0.97	58
2010	4	3	19.00	24.11	61.45	1.11	328
2010	4	3	20.00	24.01	65.13	1.53	358
2010	4	3	21.00	24.01	60.43	1.53	346
2010	4	3	22.00	23.81	60.96	1.95	22
2010	4	3	23.00	23.91	63.25	2.09	356
2010	4	3	24.00	23.81	60.99	2.09	44
2010	4	4	1.00	22.87	60.66	2.23	358
2010	4	4	2.00	23.12	55.89	1.95	68
2010	4	4	3.00	23.37	55.95	1.53	82
2010	4	4	4.00	18.40	55.59	1.95	2
2010	4	4	5.00	17.59	56.61	2.09	1
2010	4	4	6.00	18.34	56.21	2.51	339
2010	4	4	7.00	25.27	56.62	1.11	354
2010	4	4	8.00	27.37	57.01	1.67	10
2010	4	4	9.00	28.27	59.67	1.39	356
2010	4	4	10.00	23.54	58.96	1.11	334
2010	4	4	11.00	29.97	59.47	1.39	355
2010	4	4	12.00	31.67	58.7	1.25	325
2010	4	4	13.00	31.07	60.17	1.25	359
2010	4	4	14.00	30.27	60.96	1.25	9
2010	4	4	15.00	27.17	60.68	1.25	26
2010	4	4	16.00	26.07	66.52	0.27	23
2010	4	4	17.00	25.17	68.66	0.41	344
2010	4	4	18.00	25.27	67.69	0.27	2
2010	4	4	19.00	23.97	67.69	0.27	335
2010	4	4	20.00	23.87	67.49	0.27	338
2010	4	4	21.00	23.87	69.23	0.55	27
2010	4	4	22.00	23.67	71.17	0.00	0
2010	4	4	23.00	23.77	72.64	0.00	0
2010	4	4	24.00	23.67	73.88	0.00	0
2010	4	5	1.00	22.99	80.93	0.83	299
2010	4	5	2.00	23.24	78.4	0.00	0
2010	4	5	3.00	23.49	80.27	0.00	0

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	4	5	4.00	18.52	79.99	0.55	324
2010	4	5	5.00	17.71	79.9	0.00	0
2010	4	5	6.00	18.46	81.82	0.55	320
2010	4	5	7.00	25.39	81.22	0.55	346
2010	4	5	8.00	27.49	81.27	0.00	0
2010	4	5	9.00	28.39	81.97	0.00	0
2010	4	5	10.00	23.66	83.28	0.00	0
2010	4	5	11.00	30.09	83.67	0.00	0
2010	4	5	12.00	31.79	84.2	0.00	0
2010	4	5	13.00	31.19	85.31	0.00	0
2010	4	5	14.00	30.39	85.73	0.00	0
2010	4	5	15.00	27.29	87.79	0.00	0
2010	4	5	16.00	26.19	86.69	0.00	0
2010	4	5	17.00	25.29	86.62	0.00	0
2010	4	5	18.00	25.39	86.7	0.00	0
2010	4	5	19.00	24.09	86.29	0.69	46
2010	4	5	20.00	23.99	87.43	0.41	47
2010	4	5	21.00	23.99	87.78	0.55	20
2010	4	5	22.00	23.79	87.64	0.00	0
2010	4	5	23.00	23.89	90.46	0.13	331
2010	4	5	24.00	23.79	90.61	0.00	0
2010	4	6	1.00	22.75	90.93	0.00	0
2010	4	6	2.00	23.00	91.07	0.00	0
2010	4	6	3.00	23.25	90.79	0.00	0
2010	4	6	4.00	18.28	90.78	0.00	0
2010	4	6	5.00	17.47	90.9	0.00	0
2010	4	6	6.00	18.22	90.82	0.00	0
2010	4	6	7.00	25.15	91.04	0.00	0
2010	4	6	8.00	27.25	91	0.00	0
2010	4	6	9.00	28.15	90.36	0.00	0
2010	4	6	10.00	23.42	90.42	0.00	0
2010	4	6	11.00	29.85	90.59	0.00	0
2010	4	6	12.00	31.55	91.01	0.00	0
2010	4	6	13.00	30.95	91.71	0.00	0
2010	4	6	14.00	30.15	91.99	0.00	0
2010	4	6	15.00	27.05	92.35	0.00	0
2010	4	6	16.00	25.95	93.02	0.00	0
2010	4	6	17.00	25.05	93.58	0.00	0
2010	4	6	18.00	25.15	93.52	0.00	0
2010	4	6	19.00	23.85	92.78	0.00	0
2010	4	6	20.00	23.75	90.58	0.00	0
2010	4	6	21.00	23.75	90.2	0.00	0
2010	4	6	22.00	23.55	89.37	0.00	0
2010	4	6	23.00	23.65	88.01	0.00	0
2010	4	6	24.00	23.55	89.09	0.00	0
2010	4	7	1.00	22.96	88.3	0.00	0
2010	4	7	2.00	23.21	88.79	0.00	0
2010	4	7	3.00	23.46	87.2	0.00	0
2010	4	7	4.00	18.49	86.39	0.69	319
2010	4	7	5.00	17.68	83.67	0.55	351

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	4	7	6.00	18.43	80.7	0.27	18
2010	4	7	7.00	25.36	77.27	0.69	48
2010	4	7	8.00	27.46	78.47	0.83	338
2010	4	7	9.00	28.36	79.08	0.83	311
2010	4	7	10.00	23.63	75.94	0.69	344
2010	4	7	11.00	30.06	74.79	0.83	6
2010	4	7	12.00	31.76	70.87	0.69	155
2010	4	7	13.00	31.16	72.06	1.11	299
2010	4	7	14.00	30.36	72.15	0.83	359
2010	4	7	15.00	27.26	73.13	0.69	175
2010	4	7	16.00	26.16	72.66	0.00	0
2010	4	7	17.00	25.26	78.05	1.11	167
2010	4	7	18.00	25.36	76.23	0.69	66
2010	4	7	19.00	24.06	74.89	0.83	106
2010	4	7	20.00	23.96	77.29	1.39	115
2010	4	7	21.00	23.96	77.62	1.67	187
2010	4	7	22.00	23.76	80.04	2.09	160
2010	4	7	23.00	23.86	80.46	2.23	191
2010	4	7	24.00	23.76	80.76	2.93	196
2010	4	8	1.00	22.72	82.32	3.63	181
2010	4	8	2.00	22.97	79.81	3.63	213
2010	4	8	3.00	23.22	75.81	2.93	249
2010	4	8	4.00	18.25	69.01	2.37	210
2010	4	8	5.00	17.44	66.5	1.39	359
2010	4	8	6.00	18.19	66.36	1.95	341
2010	4	8	7.00	25.12	68.38	2.51	9
2010	4	8	8.00	27.22	65.1	1.53	303
2010	4	8	9.00	28.12	65.88	1.25	345
2010	4	8	10.00	23.39	70.3	1.11	56
2010	4	8	11.00	29.82	70.59	1.67	62
2010	4	8	12.00	31.52	70.8	0.55	94
2010	4	8	13.00	30.92	75.28	1.25	78
2010	4	8	14.00	30.12	75.59	1.39	61
2010	4	8	15.00	27.02	75.05	1.53	70
2010	4	8	16.00	25.92	75.17	0.83	74
2010	4	8	17.00	25.02	74.96	0.69	22
2010	4	8	18.00	25.12	76.74	0.00	0
2010	4	8	19.00	23.82	77.41	0.00	0
2010	4	8	20.00	23.72	80.22	0.00	0
2010	4	8	21.00	23.72	81.92	0.00	0
2010	4	8	22.00	23.52	82.84	0.00	0
2010	4	8	23.00	23.62	85.93	0.83	311
2010	4	8	24.00	23.52	82.82	0.83	315
2010	4	9	1.00	23.20	79.72	0.27	352
2010	4	9	2.00	23.45	78.93	0.13	353
2010	4	9	3.00	23.70	81.17	0.00	0
2010	4	9	4.00	18.73	82.85	0.00	0
2010	4	9	5.00	17.92	82.53	0.00	0
2010	4	9	6.00	18.67	85.61	0.00	0
2010	4	9	7.00	25.60	85.22	0.00	0

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	4	9	8.00	27.70	86.07	0.00	0
2010	4	9	9.00	28.60	89.68	0.00	0
2010	4	9	10.00	23.87	89.77	0.00	0
2010	4	9	11.00	30.30	89.95	0.69	303
2010	4	9	12.00	32.00	90.16	0.83	311
2010	4	9	13.00	31.40	89.95	0.55	317
2010	4	9	14.00	30.60	89.31	0.27	317
2010	4	9	15.00	27.50	90.39	0.00	0
2010	4	9	16.00	26.40	91.33	0.00	0
2010	4	9	17.00	25.50	91.68	0.00	0
2010	4	9	18.00	25.60	92.32	0.00	0
2010	4	9	19.00	24.30	92.67	0.00	0
2010	4	9	20.00	24.20	92.64	0.00	0
2010	4	9	21.00	24.20	92.12	0.00	0
2010	4	9	22.00	24.00	92.37	0.00	0
2010	4	9	23.00	24.10	92.7	0.00	0
2010	4	9	24.00	24.00	92.28	0.00	0
2010	4	10	1.00	23.17	92.51	0.00	0
2010	4	10	2.00	23.42	92.99	0.00	0
2010	4	10	3.00	23.67	93.51	0.00	0
2010	4	10	4.00	18.70	93.8	0.69	304
2010	4	10	5.00	17.89	93.93	0.00	0
2010	4	10	6.00	18.64	94.27	0.41	316
2010	4	10	7.00	25.57	93.89	0.00	0
2010	4	10	8.00	27.67	94.34	0.00	0
2010	4	10	9.00	28.57	94.21	0.00	0
2010	4	10	10.00	23.84	94.82	0.00	0
2010	4	10	11.00	30.27	94.81	0.00	0
2010	4	10	12.00	31.97	95.44	0.00	0
2010	4	10	13.00	31.37	95.1	0.00	0
2010	4	10	14.00	30.57	95.51	0.00	0
2010	4	10	15.00	27.47	95.62	0.00	0
2010	4	10	16.00	26.37	95.49	0.00	0
2010	4	10	17.00	25.47	95.69	0.00	0
2010	4	10	18.00	25.57	95.4	0.00	0
2010	4	10	19.00	24.27	95.89	0.00	0
2010	4	10	20.00	24.17	95.64	0.00	0
2010	4	10	21.00	24.17	95.65	0.00	0
2010	4	10	22.00	23.97	95.31	0.00	0
2010	4	10	23.00	24.07	94.03	0.00	0
2010	4	10	24.00	23.97	92	1.11	32
2010	4	11	1.00	22.44	92.37	0.83	11
2010	4	11	2.00	22.69	91.67	0.83	358
2010	4	11	3.00	22.94	91.11	0.55	351
2010	4	11	4.00	17.97	93.29	0.97	355
2010	4	11	5.00	17.16	94.43	0.69	20
2010	4	11	6.00	17.91	94.18	0.27	354
2010	4	11	7.00	24.84	93.92	0.83	355
2010	4	11	8.00	26.94	93.42	0.83	357
2010	4	11	9.00	27.84	93.2	1.11	344

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	4	11	10.00	23.11	92.93	0.27	355
2010	4	11	11.00	29.54	92.57	0.69	37
2010	4	11	12.00	31.24	90.64	1.39	16
2010	4	11	13.00	30.64	89.93	1.11	13
2010	4	11	14.00	29.84	88.44	1.25	32
2010	4	11	15.00	26.74	88.49	1.25	7
2010	4	11	16.00	25.64	89.76	0.41	131
2010	4	11	17.00	24.74	88.48	0.00	0
2010	4	11	18.00	24.84	83.59	0.00	0
2010	4	11	19.00	23.54	82.67	0.69	340
2010	4	11	20.00	23.44	85.67	0.55	307
2010	4	11	21.00	23.44	88.62	0.00	0
2010	4	11	22.00	23.24	88.69	3.21	271
2010	4	11	23.00	23.34	90.06	1.67	139
2010	4	11	24.00	23.24	89.33	1.95	74
2010	4	12	1.00	22.59	87.85	1.11	140
2010	4	12	2.00	22.84	87.47	1.11	64
2010	4	12	3.00	23.09	88.45	0.83	169
2010	4	12	4.00	18.12	86.81	0.97	55
2010	4	12	5.00	17.31	83.4	1.25	156
2010	4	12	6.00	18.06	82.63	1.81	79
2010	4	12	7.00	24.99	80.69	0.83	153
2010	4	12	8.00	27.09	79.54	0.97	99
2010	4	12	9.00	27.99	82	1.11	50
2010	4	12	10.00	23.26	76.93	0.83	129
2010	4	12	11.00	29.69	77.84	0.83	213
2010	4	12	12.00	31.39	77.04	1.25	156
2010	4	12	13.00	30.79	78.43	1.11	170
2010	4	12	14.00	29.99	76.9	0.00	0
2010	4	12	15.00	26.89	77.32	0.13	253
2010	4	12	16.00	25.79	75.53	2.37	141
2010	4	12	17.00	24.89	81.95	3.07	189
2010	4	12	18.00	24.99	83.73	1.11	312
2010	4	12	19.00	23.69	83.9	1.39	287
2010	4	12	20.00	23.59	84.13	0.41	258
2010	4	12	21.00	23.59	84.58	0.27	205
2010	4	12	22.00	23.39	88.49	0.27	319
2010	4	12	23.00	23.49	91.41	0.69	62
2010	4	12	24.00	23.39	90.88	0.55	76
2010	4	13	1.00	23.03	91	0.97	71
2010	4	13	2.00	23.28	90.43	0.69	67
2010	4	13	3.00	23.53	90.27	0.41	76
2010	4	13	4.00	18.56	90.57	0.41	71
2010	4	13	5.00	17.75	91.08	0.27	69
2010	4	13	6.00	18.50	89.84	0.55	85
2010	4	13	7.00	25.43	91.38	0.55	103
2010	4	13	8.00	27.53	91.29	0.00	0
2010	4	13	9.00	28.43	92.35	0.00	0
2010	4	13	10.00	23.70	92.41	0.00	0
2010	4	13	11.00	30.13	92.41	0.27	320

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	4	13	12.00	31.83	92.66	0.00	0
2010	4	13	13.00	31.23	92.83	0.00	0
2010	4	13	14.00	30.43	92.94	0.00	0
2010	4	13	15.00	27.33	93.22	0.00	0
2010	4	13	16.00	26.23	93.72	0.00	0
2010	4	13	17.00	25.33	93.85	0.00	0
2010	4	13	18.00	25.43	94.12	0.00	0
2010	4	13	19.00	24.13	94.56	0.55	337
2010	4	13	20.00	24.03	94.98	0.83	314
2010	4	13	21.00	24.03	94.84	0.41	313
2010	4	13	22.00	23.83	94.63	0.41	313
2010	4	13	23.00	23.93	94.42	0.00	0
2010	4	13	24.00	23.83	94.69	0.00	0
2010	4	14	1.00	23.18	94.46	0.00	0
2010	4	14	2.00	23.43	95.04	0.00	0
2010	4	14	3.00	23.68	95.15	0.00	0
2010	4	14	4.00	18.71	95.1	0.00	0
2010	4	14	5.00	17.90	95.52	0.00	0
2010	4	14	6.00	18.65	95.89	0.69	333
2010	4	14	7.00	25.58	95.78	0.69	311
2010	4	14	8.00	27.68	95.33	0.83	287
2010	4	14	9.00	28.58	94.83	0.41	353
2010	4	14	10.00	23.85	94.28	0.97	356
2010	4	14	11.00	30.28	94.47	0.69	344
2010	4	14	12.00	31.98	94.36	0.55	353
2010	4	14	13.00	31.38	94.47	0.69	341
2010	4	14	14.00	30.58	94.42	0.55	346
2010	4	14	15.00	27.48	94.51	0.55	8
2010	4	14	16.00	26.38	94.54	0.55	348
2010	4	14	17.00	25.48	94.56	0.41	346
2010	4	14	18.00	25.58	95.56	1.67	299
2010	4	14	19.00	24.28	95.37	0.00	0
2010	4	14	20.00	24.18	95.83	0.69	324
2010	4	14	21.00	24.18	95.69	0.69	340
2010	4	14	22.00	23.98	95.32	0.00	0
2010	4	14	23.00	24.08	94.91	0.13	336
2010	4	14	24.00	23.98	94.62	0.69	353
2010	4	15	1.00	23.19	93.78	0.69	320
2010	4	15	2.00	23.44	92.83	0.55	310
2010	4	15	3.00	23.69	92.42	0.69	343
2010	4	15	4.00	18.72	91.71	1.11	351
2010	4	15	5.00	17.91	91.72	0.55	332
2010	4	15	6.00	18.66	91.67	0.55	339
2010	4	15	7.00	25.59	90.5	0.13	346
2010	4	15	8.00	27.69	89.39	1.25	348
2010	4	15	9.00	28.59	88.56	1.25	343
2010	4	15	10.00	23.86	86.29	0.55	20
2010	4	15	11.00	30.29	85.57	1.39	310
2010	4	15	12.00	31.99	84.9	0.69	41
2010	4	15	13.00	31.39	83.3	1.53	63

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	4	15	14.00	30.59	81.71	1.53	87
2010	4	15	15.00	27.49	84.13	0.83	346
2010	4	15	16.00	26.39	82.92	0.41	347
2010	4	15	17.00	25.49	85.83	0.97	340
2010	4	15	18.00	25.59	84.39	0.41	9
2010	4	15	19.00	24.29	85.66	0.55	334
2010	4	15	20.00	24.19	84.1	1.67	48
2010	4	15	21.00	24.19	82.43	1.25	294
2010	4	15	22.00	23.99	80.8	1.39	4
2010	4	15	23.00	24.09	80.92	1.25	1
2010	4	15	24.00	23.99	79.61	1.81	69
2010	4	16	1.00	22.91	79.45	1.25	46
2010	4	16	2.00	23.16	76.22	1.67	336
2010	4	16	3.00	23.41	75.06	1.95	20
2010	4	16	4.00	18.44	76.59	0.97	296
2010	4	16	5.00	17.63	77.3	2.09	4
2010	4	16	6.00	18.38	77.38	2.23	302
2010	4	16	7.00	25.31	79.64	1.67	323
2010	4	16	8.00	27.41	76.08	1.81	290
2010	4	16	9.00	28.31	78.24	1.25	23
2010	4	16	10.00	23.58	79.56	1.81	355
2010	4	16	11.00	30.01	81.66	1.81	2
2010	4	16	12.00	31.71	81.83	1.53	0
2010	4	16	13.00	31.11	82.02	1.95	1
2010	4	16	14.00	30.31	81.21	2.23	99
2010	4	16	15.00	27.21	81.9	1.53	359
2010	4	16	16.00	26.11	83.57	2.09	275
2010	4	16	17.00	25.21	87.09	2.65	350
2010	4	16	18.00	25.31	88.28	1.11	32
2010	4	16	19.00	24.01	89.76	0.55	26
2010	4	16	20.00	23.91	89.57	0.69	356
2010	4	16	21.00	23.91	89.85	0.41	355
2010	4	16	22.00	23.71	89.8	0.27	335
2010	4	16	23.00	23.81	90.3	0.69	357
2010	4	16	24.00	23.71	90.95	0.41	337
2010	4	17	1.00	23.06	91.86	0.69	312
2010	4	17	2.00	23.31	92.25	1.25	334
2010	4	17	3.00	23.56	92.71	0.97	308
2010	4	17	4.00	18.59	92.43	1.39	14
2010	4	17	5.00	17.78	91.32	0.97	358
2010	4	17	6.00	18.53	90.89	0.69	4
2010	4	17	7.00	25.46	90.03	0.83	352
2010	4	17	8.00	27.56	90.27	0.55	348
2010	4	17	9.00	28.46	90.55	0.83	351
2010	4	17	10.00	23.73	90.81	0.00	0
2010	4	17	11.00	30.16	91.84	0.27	327
2010	4	17	12.00	31.86	91.73	1.53	342
2010	4	17	13.00	31.26	91.73	1.95	357
2010	4	17	14.00	30.46	91.96	0.55	301
2010	4	17	15.00	27.36	92.36	1.81	3

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	4	17	16.00	26.26	91.08	1.67	353
2010	4	17	17.00	25.36	89.25	2.23	8
2010	4	17	18.00	25.46	88.51	1.67	9
2010	4	17	19.00	24.16	89.65	1.39	334
2010	4	17	20.00	24.06	90.6	1.53	298
2010	4	17	21.00	24.06	90.34	1.39	20
2010	4	17	22.00	23.86	90.51	0.69	354
2010	4	17	23.00	23.96	90.9	0.55	338
2010	4	17	24.00	23.86	90.46	1.39	293
2010	4	18	1.00	23.07	91.8	2.09	7
2010	4	18	2.00	23.32	92.21	1.11	304
2010	4	18	3.00	23.57	92.16	1.11	7
2010	4	18	4.00	18.60	92.23	0.41	350
2010	4	18	5.00	17.79	92.62	2.09	356
2010	4	18	6.00	18.54	92.98	0.55	350
2010	4	18	7.00	25.47	93.57	0.55	350
2010	4	18	8.00	27.57	94.64	0.41	296
2010	4	18	9.00	28.47	94.97	0.83	335
2010	4	18	10.00	23.74	95.06	1.39	323
2010	4	18	11.00	30.17	95.01	0.69	292
2010	4	18	12.00	31.87	95.03	0.69	355
2010	4	18	13.00	31.27	94.92	0.55	321
2010	4	18	14.00	30.47	94.75	0.83	355
2010	4	18	15.00	27.37	94.68	0.97	331
2010	4	18	16.00	26.27	94.71	0.69	2
2010	4	18	17.00	25.37	94.74	0.83	341
2010	4	18	18.00	25.47	94.62	1.11	359
2010	4	18	19.00	24.17	94.63	0.97	343
2010	4	18	20.00	24.07	94.29	0.97	356
2010	4	18	21.00	24.07	93.79	1.11	12
2010	4	18	22.00	23.87	93.25	1.11	323
2010	4	18	23.00	23.97	93.25	0.97	356
2010	4	18	24.00	23.87	93.26	0.97	317
2010	4	19	1.00	22.86	93.51	0.83	359
2010	4	19	2.00	23.11	93.03	0.97	354
2010	4	19	3.00	23.36	92.65	0.41	344
2010	4	19	4.00	18.39	94.34	1.81	310
2010	4	19	5.00	17.58	94.45	1.53	296
2010	4	19	6.00	18.33	93.53	1.95	342
2010	4	19	7.00	25.26	91.91	1.53	3
2010	4	19	8.00	27.36	91.94	1.25	349
2010	4	19	9.00	28.26	91.4	1.67	7
2010	4	19	10.00	23.53	90.37	1.39	355
2010	4	19	11.00	29.96	87.75	1.25	321
2010	4	19	12.00	31.66	87.68	1.39	296
2010	4	19	13.00	31.06	89.83	1.39	11
2010	4	19	14.00	30.26	90.53	1.39	8
2010	4	19	15.00	27.16	93.17	1.67	353
2010	4	19	16.00	26.06	94.59	1.53	337
2010	4	19	17.00	25.16	94.57	1.67	55

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	4	19	18.00	25.26	94.44	1.67	351
2010	4	19	19.00	23.96	93.4	1.81	86
2010	4	19	20.00	23.86	92.93	1.11	0
2010	4	19	21.00	23.86	92.68	0.97	0
2010	4	19	22.00	23.66	92.07	0.83	350
2010	4	19	23.00	23.76	91.76	0.83	359
2010	4	19	24.00	23.66	91.26	0.83	11
2010	4	20	1.00	22.99	90.82	1.11	2
2010	4	20	2.00	23.24	90.62	1.53	326
2010	4	20	3.00	23.49	89.09	1.53	358
2010	4	20	4.00	18.52	89.31	1.53	2
2010	4	20	5.00	17.71	88.06	2.93	1
2010	4	20	6.00	18.46	87.79	2.51	355
2010	4	20	7.00	25.39	88.7	1.67	327
2010	4	20	8.00	27.49	89.18	2.65	8
2010	4	20	9.00	28.39	88.21	2.79	342
2010	4	20	10.00	23.66	85.98	1.95	356
2010	4	20	11.00	30.09	86.82	2.09	11
2010	4	20	12.00	31.79	86.77	1.11	2
2010	4	20	13.00	31.19	86.93	2.51	2
2010	4	20	14.00	30.39	88	1.11	358
2010	4	20	15.00	27.29	88.59	2.65	355
2010	4	20	16.00	26.19	89.25	1.67	9
2010	4	20	17.00	25.29	90.32	1.95	334
2010	4	20	18.00	25.39	90.41	1.67	9
2010	4	20	19.00	24.09	90.37	1.67	355
2010	4	20	20.00	23.99	90.87	1.53	356
2010	4	20	21.00	23.99	91	1.39	357
2010	4	20	22.00	23.79	91.31	0.41	7
2010	4	20	23.00	23.89	91.63	0.83	8
2010	4	20	24.00	23.79	92.03	0.69	20
2010	4	21	1.00	23.91	92.1	0.97	348
2010	4	21	2.00	24.16	92.27	1.67	31
2010	4	21	3.00	24.41	92.51	0.41	13
2010	4	21	4.00	19.44	92.89	0.97	21
2010	4	21	5.00	18.63	93.16	0.69	6
2010	4	21	6.00	19.38	93.43	1.25	31
2010	4	21	7.00	26.31	93.22	1.11	359
2010	4	21	8.00	28.41	93.37	0.69	12
2010	4	21	9.00	29.31	93.27	0.27	14
2010	4	21	10.00	24.58	93.53	0.13	15
2010	4	21	11.00	31.01	94.02	0.27	3
2010	4	21	12.00	32.71	94.14	0.27	358
2010	4	21	13.00	32.11	94.21	0.27	2
2010	4	21	14.00	31.31	94.29	0.27	9
2010	4	21	15.00	28.21	94.38	0.27	9
2010	4	21	16.00	27.11	94.2	0.55	314
2010	4	21	17.00	26.21	94.19	0.41	344
2010	4	21	18.00	26.31	94	0.97	344
2010	4	21	19.00	25.01	94.04	0.55	308

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	4	21	20.00	24.91	93.76	0.83	357
2010	4	21	21.00	24.91	93.82	0.83	350
2010	4	21	22.00	24.71	93.75	0.55	353
2010	4	21	23.00	24.81	93.74	0.69	347
2010	4	21	24.00	24.71	93.55	0.41	347
2010	4	22	1.00	23.66	93.73	0.97	21
2010	4	22	2.00	23.91	94.09	0.41	13
2010	4	22	3.00	24.16	94	0.41	15
2010	4	22	4.00	19.19	94.11	0.55	352
2010	4	22	5.00	18.38	94.35	1.25	350
2010	4	22	6.00	19.13	94.15	0.55	349
2010	4	22	7.00	26.06	94.05	0.27	349
2010	4	22	8.00	28.16	94.18	0.55	311
2010	4	22	9.00	29.06	94.14	0.13	336
2010	4	22	10.00	24.33	94.22	0.13	338
2010	4	22	11.00	30.76	94.45	0.41	193
2010	4	22	12.00	32.46	94.58	0.97	340
2010	4	22	13.00	31.86	94.56	0.69	312
2010	4	22	14.00	31.06	94.66	0.41	328
2010	4	22	15.00	27.96	94.51	0.55	314
2010	4	22	16.00	26.86	94.36	0.00	0
2010	4	22	17.00	25.96	94.14	0.55	314
2010	4	22	18.00	26.06	94.22	0.27	336
2010	4	22	19.00	24.76	94.48	0.41	330
2010	4	22	20.00	24.66	93.91	0.41	356
2010	4	22	21.00	24.66	92.64	0.41	353
2010	4	22	22.00	24.46	92.36	1.11	2
2010	4	22	23.00	24.56	91.94	0.83	33
2010	4	22	24.00	24.46	91.65	0.55	28
2010	4	23	1.00	23.73	90.97	0.97	38
2010	4	23	2.00	23.98	89.91	0.83	328
2010	4	23	3.00	24.23	89.66	0.55	11
2010	4	23	4.00	19.26	88.72	0.55	339
2010	4	23	5.00	18.45	89.65	1.11	329
2010	4	23	6.00	19.20	89.13	0.97	0
2010	4	23	7.00	26.13	86.41	0.83	333
2010	4	23	8.00	28.23	85.53	1.53	2
2010	4	23	9.00	29.13	84.21	0.97	352
2010	4	23	10.00	24.40	83.76	1.67	332
2010	4	23	11.00	30.83	83.84	2.23	349
2010	4	23	12.00	32.53	82.01	1.53	285
2010	4	23	13.00	31.93	80.89	2.23	348
2010	4	23	14.00	31.13	81.23	2.09	64
2010	4	23	15.00	28.03	80.52	2.09	21
2010	4	23	16.00	26.93	78.07	1.95	349
2010	4	23	17.00	26.03	77.61	1.95	30
2010	4	23	18.00	26.13	73.1	0.97	71
2010	4	23	19.00	24.83	75	1.53	323
2010	4	23	20.00	24.73	72.36	1.67	108
2010	4	23	21.00	24.73	73.31	1.81	347

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	4	23	22.00	24.53	72.04	2.09	354
2010	4	23	23.00	24.63	72.63	2.37	63
2010	4	23	24.00	24.53	67.58	1.39	82
2010	4	24	1.00	23.07	68.32	1.67	342
2010	4	24	2.00	23.32	68.66	1.39	310
2010	4	24	3.00	23.57	67.08	1.25	0
2010	4	24	4.00	18.60	64.37	1.11	168
2010	4	24	5.00	17.79	48.85	4.74	160
2010	4	24	6.00	18.54	46.44	3.91	139
2010	4	24	7.00	25.47	44.9	4.05	154
2010	4	24	8.00	27.57	45.32	4.05	219
2010	4	24	9.00	28.47	44.96	4.05	195
2010	4	24	10.00	23.74	45.2	5.02	244
2010	4	24	11.00	30.17	43.65	5.16	190
2010	4	24	12.00	31.87	44.24	4.32	195
2010	4	24	13.00	31.27	45.23	4.46	181
2010	4	24	14.00	30.47	48.03	4.05	156
2010	4	24	15.00	27.37	46.15	5.16	152
2010	4	24	16.00	26.27	46.77	3.35	215
2010	4	24	17.00	25.37	46.49	3.63	211
2010	4	24	18.00	25.47	48.16	3.63	180
2010	4	24	19.00	24.17	47.02	3.91	152
2010	4	24	20.00	24.07	49.86	3.77	187
2010	4	24	21.00	24.07	75.24	2.65	322
2010	4	24	22.00	23.87	82.11	1.67	351
2010	4	24	23.00	23.97	84.23	1.11	3
2010	4	24	24.00	23.87	84.54	1.39	6
2010	4	25	1.00	23.22	85.7	0.55	348
2010	4	25	2.00	23.47	86.74	0.69	345
2010	4	25	3.00	23.72	88.05	1.25	346
2010	4	25	4.00	18.75	87.61	0.83	4
2010	4	25	5.00	17.94	87.63	1.39	2
2010	4	25	6.00	18.69	87.76	0.55	16
2010	4	25	7.00	25.62	87.43	0.55	313
2010	4	25	8.00	27.72	88.64	0.27	314
2010	4	25	9.00	28.62	89.68	1.39	297
2010	4	25	10.00	23.89	89.99	0.55	99
2010	4	25	11.00	30.32	90.52	0.69	358
2010	4	25	12.00	32.02	90.07	1.11	12
2010	4	25	13.00	31.42	90.14	0.83	11
2010	4	25	14.00	30.62	90.32	0.97	13
2010	4	25	15.00	27.52	91.02	0.69	338
2010	4	25	16.00	26.42	91.19	0.00	0
2010	4	25	17.00	25.52	91.61	0.00	0
2010	4	25	18.00	25.62	92.63	0.00	0
2010	4	25	19.00	24.32	93.02	0.83	330
2010	4	25	20.00	24.22	93.63	0.41	2
2010	4	25	21.00	24.22	93.47	0.00	0
2010	4	25	22.00	24.02	94.17	0.00	0
2010	4	25	23.00	24.12	94.49	0.41	36

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	4	25	24.00	24.02	94.6	0.41	89
2010	4	26	1.00	23.23	94.46	0.27	178
2010	4	26	2.00	23.48	94.41	0.00	0
2010	4	26	3.00	23.73	94.76	0.69	164
2010	4	26	4.00	18.76	94.84	0.69	64
2010	4	26	5.00	17.95	94.82	0.97	174
2010	4	26	6.00	18.70	94.63	0.69	149
2010	4	26	7.00	25.63	94.74	0.13	79
2010	4	26	8.00	27.73	94.7	0.00	0
2010	4	26	9.00	28.63	94.78	0.00	0
2010	4	26	10.00	23.90	95.09	0.27	75
2010	4	26	11.00	30.33	94.06	0.00	0
2010	4	26	12.00	32.03	94.2	0.00	0
2010	4	26	13.00	31.43	94.4	0.00	0
2010	4	26	14.00	30.63	93.08	0.00	0
2010	4	26	15.00	27.53	93.18	0.00	0
2010	4	26	16.00	26.43	90.74	0.00	0
2010	4	26	17.00	25.53	78.8	1.11	119
2010	4	26	18.00	25.63	80.24	1.25	116
2010	4	26	19.00	24.33	91.5	1.53	60
2010	4	26	20.00	24.23	92.58	1.53	71
2010	4	26	21.00	24.23	91.31	1.95	1
2010	4	26	22.00	24.03	90.89	1.25	63
2010	4	26	23.00	24.13	88.27	0.55	58
2010	4	26	24.00	24.03	87.59	0.41	22
2010	4	27	1.00	23.02	86.23	0.41	1
2010	4	27	2.00	23.27	85.42	0.97	312
2010	4	27	3.00	23.52	84.21	0.55	333
2010	4	27	4.00	18.55	84.58	1.39	18
2010	4	27	5.00	17.74	79.48	1.11	348
2010	4	27	6.00	18.49	77.18	0.97	347
2010	4	27	7.00	25.42	77.57	1.25	349
2010	4	27	8.00	27.52	75.95	1.25	20
2010	4	27	9.00	28.42	75.77	2.23	339
2010	4	27	10.00	23.69	66.85	1.25	207
2010	4	27	11.00	30.12	59.09	1.95	343
2010	4	27	12.00	31.82	63.48	1.95	349
2010	4	27	13.00	31.22	69.9	2.09	54
2010	4	27	14.00	30.42	67.55	2.51	4
2010	4	27	15.00	27.32	67.12	1.11	1
2010	4	27	16.00	26.22	62.59	1.39	304
2010	4	27	17.00	25.32	62.51	1.39	212
2010	4	27	18.00	25.42	54.79	4.05	337
2010	4	27	19.00	24.12	52.35	3.91	193
2010	4	27	20.00	24.02	51.52	6.28	187
2010	4	27	21.00	24.02	49.97	5.30	160
2010	4	27	22.00	23.82	49.43	5.72	149
2010	4	27	23.00	23.92	48.36	5.16	177
2010	4	27	24.00	23.82	49.92	6.28	171
2010	4	28	1.00	23.15	50	5.16	241

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	4	28	2.00	23.40	50.13	5.72	176
2010	4	28	3.00	23.65	51.2	5.44	225
2010	4	28	4.00	18.68	49.98	4.46	140
2010	4	28	5.00	17.87	47	6.00	147
2010	4	28	6.00	18.62	47.84	5.72	177
2010	4	28	7.00	25.55	48.01	6.42	184
2010	4	28	8.00	27.65	48.55	5.02	202
2010	4	28	9.00	28.55	48.35	4.32	151
2010	4	28	10.00	23.82	47.16	6.56	256
2010	4	28	11.00	30.25	48.63	5.72	156
2010	4	28	12.00	31.95	50.07	6.42	222
2010	4	28	13.00	31.35	48.93	5.44	121
2010	4	28	14.00	30.55	49.64	4.88	227
2010	4	28	15.00	27.45	49.27	4.60	259
2010	4	28	16.00	26.35	51.95	5.86	204
2010	4	28	17.00	25.45	51.45	4.88	291
2010	4	28	18.00	25.55	52	4.88	246
2010	4	28	19.00	24.25	53.5	4.46	177
2010	4	28	20.00	24.15	54.46	3.77	189
2010	4	28	21.00	24.15	56.65	1.11	278
2010	4	28	22.00	23.95	56.62	2.51	183
2010	4	28	23.00	24.05	58.25	1.11	223
2010	4	28	24.00	23.95	59.64	1.11	300
2010	4	29	1.00	24.07	61.1	1.25	280
2010	4	29	2.00	24.32	61.14	0.55	280
2010	4	29	3.00	24.57	61.79	0.69	200
2010	4	29	4.00	19.60	61.75	0.41	292
2010	4	29	5.00	18.79	61.76	0.55	218
2010	4	29	6.00	19.54	61.75	0.27	281
2010	4	29	7.00	26.47	62.61	0.00	0
2010	4	29	8.00	28.57	63.86	0.13	293
2010	4	29	9.00	29.47	68.1	0.41	39
2010	4	29	10.00	24.74	70.92	0.00	0
2010	4	29	11.00	31.17	73.19	0.55	15
2010	4	29	12.00	32.87	76.78	0.69	73
2010	4	29	13.00	32.27	81.36	0.41	337
2010	4	29	14.00	31.47	86.34	0.69	5
2010	4	29	15.00	28.37	87.7	0.55	356
2010	4	29	16.00	27.27	87.3	1.67	25
2010	4	29	17.00	26.37	87.18	1.53	9
2010	4	29	18.00	26.47	88.73	0.97	353
2010	4	29	19.00	25.17	89.32	1.11	5
2010	4	29	20.00	25.07	90.32	1.11	338
2010	4	29	21.00	25.07	90.49	1.11	0
2010	4	29	22.00	24.87	90.7	1.25	2
2010	4	29	23.00	24.97	90.48	1.39	356
2010	4	29	24.00	24.87	90.62	1.67	8
2010	4	30	1.00	23.82	90.51	1.53	18
2010	4	30	2.00	24.07	90.86	0.69	327
2010	4	30	3.00	24.32	91.67	1.11	351

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	4	30	4.00	19.35	92.32	1.81	318
2010	4	30	5.00	18.54	92.64	1.67	6
2010	4	30	6.00	19.29	92.48	0.97	308
2010	4	30	7.00	26.22	93.15	2.09	185
2010	4	30	8.00	28.32	92.55	3.07	298
2010	4	30	9.00	29.22	92.41	2.65	355
2010	4	30	10.00	24.49	92.07	2.09	3
2010	4	30	11.00	30.92	92.5	0.55	171
2010	4	30	12.00	32.62	92.32	0.27	114
2010	4	30	13.00	32.02	93.39	1.11	299
2010	4	30	14.00	31.22	93.46	1.39	326
2010	4	30	15.00	28.12	93.14	2.09	319
2010	4	30	16.00	27.02	93.24	2.93	354
2010	4	30	17.00	26.12	93.05	2.79	330
2010	4	30	18.00	26.22	92.95	1.67	18
2010	4	30	19.00	24.92	92.55	1.53	3
2010	4	30	20.00	24.82	91.7	1.11	21
2010	4	30	21.00	24.82	91.71	0.55	24
2010	4	30	22.00	24.62	90.85	0.83	314
2010	4	30	23.00	24.72	89.92	0.97	274
2010	4	30	24.00	24.62	89.37	2.37	349
2010	5	1	1.00	23.12	84.63	0.41	271
2010	5	1	2.00	23.00	87.46	1.53	277
2010	5	1	3.00	22.80	85	1.39	307
2010	5	1	4.00	22.50	83.95	1.81	338
2010	5	1	5.00	23.15	82.24	1.25	307
2010	5	1	6.00	23.80	82.18	2.37	36
2010	5	1	7.00	24.50	80.22	1.39	321
2010	5	1	8.00	26.70	80.26	1.67	303
2010	5	1	9.00	28.90	75.16	1.25	80
2010	5	1	10.00	28.80	72.06	1.25	34
2010	5	1	11.00	32.50	71.39	1.53	89
2010	5	1	12.00	33.80	68.21	1.11	292
2010	5	1	13.00	32.20	67.37	1.39	342
2010	5	1	14.00	35.90	66.42	1.39	294
2010	5	1	15.00	34.80	67.24	1.53	93
2010	5	1	16.00	33.40	67.13	1.95	31
2010	5	1	17.00	31.00	66.26	2.37	5
2010	5	1	18.00	30.00	66.76	1.39	342
2010	5	1	19.00	28.80	67.84	2.37	1
2010	5	1	20.00	26.60	69.24	2.65	299
2010	5	1	21.00	26.00	69.97	1.95	71
2010	5	1	22.00	24.20	65.94	2.51	339
2010	5	1	23.00	24.10	66.64	1.53	291
2010	5	1	24.00	23.00	69.58	1.67	355
2010	5	2	1.00	23.17	70.76	1.67	358
2010	5	2	2.00	31.40	69.64	2.79	8
2010	5	2	3.00	30.92	70.89	1.81	355
2010	5	2	4.00	31.97	68.94	1.95	268
2010	5	2	5.00	31.13	69.97	1.67	349

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	5	2	6.00	31.39	70.48	1.67	8
2010	5	2	7.00	30.88	71.32	2.65	340
2010	5	2	8.00	30.74	71.58	2.23	13
2010	5	2	9.00	30.11	74.85	2.09	353
2010	5	2	10.00	30.03	75.26	1.53	16
2010	5	2	11.00	30.26	73.21	2.23	12
2010	5	2	12.00	29.45	74.28	1.67	57
2010	5	2	13.00	29.66	74.79	1.81	355
2010	5	2	14.00	30.03	73.79	1.53	295
2010	5	2	15.00	29.48	75.35	2.23	336
2010	5	2	16.00	28.92	77.4	1.81	347
2010	5	2	17.00	29.10	75.33	1.39	9
2010	5	2	18.00	28.67	77.07	1.67	0
2010	5	2	19.00	28.64	76.63	1.25	4
2010	5	2	20.00	27.93	78.89	1.39	7
2010	5	2	21.00	27.47	79.92	1.39	353
2010	5	2	22.00	27.00	82.1	1.39	312
2010	5	2	23.00	26.91	82.13	0.83	1
2010	5	2	24.00	26.55	83.36	1.67	355
2010	5	3	1.00	23.22	83.44	1.39	15
2010	5	3	2.00	23.10	84.58	1.67	36
2010	5	3	3.00	22.90	84.42	1.95	355
2010	5	3	4.00	22.60	84.66	1.67	9
2010	5	3	5.00	23.25	85.62	2.65	21
2010	5	3	6.00	23.90	86.22	1.39	25
2010	5	3	7.00	24.60	86.43	1.81	1
2010	5	3	8.00	26.80	86.14	1.53	7
2010	5	3	9.00	29.00	86.59	0.97	352
2010	5	3	10.00	28.90	86.56	1.25	356
2010	5	3	11.00	32.60	86.07	1.11	342
2010	5	3	12.00	33.90	91.7	3.35	305
2010	5	3	13.00	32.30	92.68	2.09	341
2010	5	3	14.00	36.00	93.56	1.67	92
2010	5	3	15.00	34.90	94.29	1.67	103
2010	5	3	16.00	33.50	93.73	2.51	53
2010	5	3	17.00	31.10	93.2	2.23	90
2010	5	3	18.00	30.10	92.7	2.51	159
2010	5	3	19.00	28.90	92.17	2.37	123
2010	5	3	20.00	26.70	92.46	2.09	198
2010	5	3	21.00	26.10	93.21	0.83	147
2010	5	3	22.00	24.30	93.67	1.11	208
2010	5	3	23.00	24.20	94.77	2.23	284
2010	5	3	24.00	23.10	94.2	1.11	328
2010	5	4	1.00	22.91	94	0.97	326
2010	5	4	2.00	22.79	93.74	1.53	293
2010	5	4	3.00	22.59	93.22	1.39	317
2010	5	4	4.00	22.29	93.08	1.11	285
2010	5	4	5.00	22.94	93.44	0.27	351
2010	5	4	6.00	23.59	93.16	0.41	327
2010	5	4	7.00	24.29	93.58	0.55	356

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	5	4	8.00	26.49	93.26	0.83	358
2010	5	4	9.00	28.69	94.38	0.83	65
2010	5	4	10.00	28.59	94.43	0.00	0
2010	5	4	11.00	32.29	95.02	0.97	19
2010	5	4	12.00	33.59	94.6	0.55	14
2010	5	4	13.00	31.99	94.85	1.25	317
2010	5	4	14.00	35.69	94.78	0.41	296
2010	5	4	15.00	34.59	95.31	0.55	291
2010	5	4	16.00	33.19	95.37	0.69	346
2010	5	4	17.00	30.79	94.35	2.37	308
2010	5	4	18.00	29.79	93.63	1.67	11
2010	5	4	19.00	28.59	94.05	0.97	351
2010	5	4	20.00	26.39	93.95	1.11	302
2010	5	4	21.00	25.79	93.07	0.69	324
2010	5	4	22.00	23.99	94.21	1.25	89
2010	5	4	23.00	23.89	93.3	0.41	8
2010	5	4	24.00	22.79	92.67	0.83	317
2010	5	5	1.00	23.14	92.42	2.23	296
2010	5	5	2.00	23.02	90.8	2.23	332
2010	5	5	3.00	22.82	87.14	1.81	312
2010	5	5	4.00	22.52	82.7	1.81	322
2010	5	5	5.00	23.17	79.34	1.53	293
2010	5	5	6.00	23.82	77.67	1.67	333
2010	5	5	7.00	24.52	78.68	1.25	14
2010	5	5	8.00	26.72	81.6	2.09	48
2010	5	5	9.00	28.92	79.51	1.81	23
2010	5	5	10.00	28.82	80.05	2.37	20
2010	5	5	11.00	32.52	81.84	1.95	5
2010	5	5	12.00	33.82	82.97	1.39	332
2010	5	5	13.00	32.22	81.74	0.83	8
2010	5	5	14.00	35.92	80.87	1.81	336
2010	5	5	15.00	34.82	74.91	1.11	3
2010	5	5	16.00	33.42	75.7	1.53	352
2010	5	5	17.00	31.02	73.47	1.95	8
2010	5	5	18.00	30.02	73.08	2.37	108
2010	5	5	19.00	28.82	72.83	2.65	353
2010	5	5	20.00	26.62	69.01	1.67	8
2010	5	5	21.00	26.02	70.76	2.23	3
2010	5	5	22.00	24.22	68.38	1.53	15
2010	5	5	23.00	24.12	68.02	2.09	303
2010	5	5	24.00	23.02	61.99	1.11	90
2010	5	6	1.00	22.97	58.47	0.97	238
2010	5	6	2.00	22.85	60.25	1.53	268
2010	5	6	3.00	22.65	63.01	1.11	39
2010	5	6	4.00	22.35	57.89	0.83	352
2010	5	6	5.00	23.00	60.41	0.97	345
2010	5	6	6.00	23.65	58.39	1.25	72
2010	5	6	7.00	24.35	59.88	0.97	44
2010	5	6	8.00	26.55	62	1.81	323
2010	5	6	9.00	28.75	62.6	1.39	276

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	5	6	10.00	28.65	61.28	0.83	27
2010	5	6	11.00	32.35	62.39	1.39	13
2010	5	6	12.00	33.65	63.63	1.25	342
2010	5	6	13.00	32.05	61.6	1.53	2
2010	5	6	14.00	35.75	64.71	1.25	358
2010	5	6	15.00	34.65	65.59	0.83	353
2010	5	6	16.00	33.25	65.36	1.25	9
2010	5	6	17.00	30.85	73.08	2.23	329
2010	5	6	18.00	29.85	76.13	2.09	11
2010	5	6	19.00	28.65	77.59	2.65	19
2010	5	6	20.00	26.45	78.96	2.51	37
2010	5	6	21.00	25.85	79.57	3.49	28
2010	5	6	22.00	24.05	79.11	2.09	24
2010	5	6	23.00	23.95	80.82	1.81	348
2010	5	6	24.00	22.85	81.83	1.25	355
2010	5	7	1.00	23.34	82.14	1.53	2
2010	5	7	2.00	23.22	82.08	1.39	341
2010	5	7	3.00	23.02	82.77	1.81	1
2010	5	7	4.00	22.72	83.64	2.09	294
2010	5	7	5.00	23.37	84.23	2.09	27
2010	5	7	6.00	24.02	84.74	1.53	71
2010	5	7	7.00	24.72	85.03	2.37	56
2010	5	7	8.00	26.92	84.28	2.51	329
2010	5	7	9.00	29.12	83.62	1.67	338
2010	5	7	10.00	29.02	85.5	2.93	33
2010	5	7	11.00	32.72	85.23	3.91	347
2010	5	7	12.00	34.02	86.57	2.51	347
2010	5	7	13.00	32.42	86.65	2.09	43
2010	5	7	14.00	36.12	87.78	2.37	336
2010	5	7	15.00	35.02	87.69	1.11	355
2010	5	7	16.00	33.62	89.02	0.69	18
2010	5	7	17.00	31.22	89.71	1.67	11
2010	5	7	18.00	30.22	89.81	1.39	6
2010	5	7	19.00	29.02	89.4	3.21	355
2010	5	7	20.00	26.82	85.13	2.79	345
2010	5	7	21.00	26.22	83.23	3.21	151
2010	5	7	22.00	24.42	89.48	3.21	359
2010	5	7	23.00	24.32	92.31	1.11	68
2010	5	7	24.00	23.22	93.24	0.83	353
2010	5	8	1.00	23.39	93.48	1.39	105
2010	5	8	2.00	31.62	93.55	1.11	41
2010	5	8	3.00	31.14	93.64	1.67	29
2010	5	8	4.00	32.19	91.96	1.53	339
2010	5	8	5.00	31.35	92.63	0.00	0
2010	5	8	6.00	31.61	93.38	0.27	291
2010	5	8	7.00	31.10	93.7	0.97	304
2010	5	8	8.00	30.96	94	1.39	335
2010	5	8	9.00	30.33	94.04	1.53	341
2010	5	8	10.00	30.25	93.92	1.11	340
2010	5	8	11.00	30.48	93.8	0.27	355

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	5	8	12.00	29.67	94.02	0.41	342
2010	5	8	13.00	29.88	93.98	0.00	0
2010	5	8	14.00	30.25	94.16	0.97	34
2010	5	8	15.00	29.70	94.1	1.25	340
2010	5	8	16.00	29.14	94.5	0.97	60
2010	5	8	17.00	29.32	94.38	0.69	78
2010	5	8	18.00	28.89	94.55	0.69	19
2010	5	8	19.00	28.86	94.13	0.83	7
2010	5	8	20.00	28.15	93.63	0.97	300
2010	5	8	21.00	27.69	93.11	0.55	302
2010	5	8	22.00	27.22	93.29	0.13	215
2010	5	8	23.00	27.13	92.48	1.67	195
2010	5	8	24.00	26.77	88.95	0.97	273
2010	5	9	1.00	23.44	88.38	0.97	201
2010	5	9	2.00	23.32	86.7	1.11	259
2010	5	9	3.00	23.12	82.93	0.83	86
2010	5	9	4.00	22.82	80.52	1.53	73
2010	5	9	5.00	23.47	77.35	1.95	147
2010	5	9	6.00	24.12	78.16	1.67	51
2010	5	9	7.00	24.82	79.12	2.51	214
2010	5	9	8.00	27.02	76.01	1.53	113
2010	5	9	9.00	29.22	74.24	1.25	80
2010	5	9	10.00	29.12	75.07	1.81	19
2010	5	9	11.00	32.82	72.15	1.25	76
2010	5	9	12.00	34.12	67.73	1.39	355
2010	5	9	13.00	32.52	70.61	1.95	4
2010	5	9	14.00	36.22	69	1.53	80
2010	5	9	15.00	35.12	63.79	1.67	63
2010	5	9	16.00	33.72	66.41	1.39	40
2010	5	9	17.00	31.32	66.36	1.53	288
2010	5	9	18.00	30.32	62.54	1.39	19
2010	5	9	19.00	29.12	59.86	1.25	310
2010	5	9	20.00	26.92	61.79	2.37	90
2010	5	9	21.00	26.32	59.76	1.67	42
2010	5	9	22.00	24.52	62.37	1.53	38
2010	5	9	23.00	24.42	58.91	1.81	356
2010	5	9	24.00	23.32	59.73	1.95	105
2010	5	10	1.00	23.38	53.71	2.37	49
2010	5	10	2.00	23.26	53.61	1.53	45
2010	5	10	3.00	23.06	44.3	2.37	183
2010	5	10	4.00	22.76	46.26	1.53	121
2010	5	10	5.00	23.41	44.04	2.93	200
2010	5	10	6.00	24.06	44.67	2.65	197
2010	5	10	7.00	24.76	42.07	4.18	167
2010	5	10	8.00	26.96	39.46	4.18	183
2010	5	10	9.00	29.16	41.1	3.91	181
2010	5	10	10.00	29.06	41.45	3.91	156
2010	5	10	11.00	32.76	41.56	4.18	180
2010	5	10	12.00	34.06	40.9	3.77	206
2010	5	10	13.00	32.46	40.67	3.91	254

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	5	10	14.00	36.16	43.07	2.93	256
2010	5	10	15.00	35.06	43.12	2.79	217
2010	5	10	16.00	33.66	46.09	2.37	255
2010	5	10	17.00	31.26	43.91	1.95	183
2010	5	10	18.00	30.26	45.44	0.69	327
2010	5	10	19.00	29.06	72.76	1.81	353
2010	5	10	20.00	26.86	75.05	1.81	20
2010	5	10	21.00	26.26	77.12	1.53	328
2010	5	10	22.00	24.46	76.42	1.25	56
2010	5	10	23.00	24.36	75.9	2.23	285
2010	5	10	24.00	23.26	77.78	1.39	2
2010	5	11	1.00	23.43	79.11	1.95	339
2010	5	11	2.00	31.66	80.57	0.97	7
2010	5	11	3.00	31.18	81.45	0.83	16
2010	5	11	4.00	32.23	82.49	0.27	351
2010	5	11	5.00	31.39	82.63	0.83	354
2010	5	11	6.00	31.65	83.87	1.67	2
2010	5	11	7.00	31.14	83.67	0.69	8
2010	5	11	8.00	31.00	85.15	1.11	302
2010	5	11	9.00	30.37	85.31	0.83	312
2010	5	11	10.00	30.29	84.94	1.39	341
2010	5	11	11.00	30.52	84.68	1.25	5
2010	5	11	12.00	29.71	83.85	0.69	307
2010	5	11	13.00	29.92	83.9	0.00	0
2010	5	11	14.00	30.29	84.13	0.69	26
2010	5	11	15.00	29.74	84.94	0.00	0
2010	5	11	16.00	29.18	86.76	0.00	0
2010	5	11	17.00	29.36	86.43	0.41	9
2010	5	11	18.00	28.93	90.77	0.97	335
2010	5	11	19.00	28.90	89.85	0.41	331
2010	5	11	20.00	28.19	89.15	0.55	304
2010	5	11	21.00	27.73	89.41	0.55	52
2010	5	11	22.00	27.26	89.08	0.00	0
2010	5	11	23.00	27.17	91.79	0.83	345
2010	5	11	24.00	26.81	90.91	0.00	0
2010	5	12	1.00	23.48	89.99	0.00	0
2010	5	12	2.00	23.36	89.45	0.13	358
2010	5	12	3.00	23.16	89.02	0.83	24
2010	5	12	4.00	22.86	89.51	0.41	5
2010	5	12	5.00	23.51	89.58	1.11	354
2010	5	12	6.00	24.16	89.71	0.13	354
2010	5	12	7.00	24.86	90.08	0.00	0
2010	5	12	8.00	27.06	91.46	0.27	357
2010	5	12	9.00	29.26	92.45	1.25	312
2010	5	12	10.00	29.16	92.02	0.69	324
2010	5	12	11.00	32.86	92.16	0.00	0
2010	5	12	12.00	34.16	91.96	0.00	0
2010	5	12	13.00	32.56	92.57	0.83	43
2010	5	12	14.00	36.26	92.39	0.69	46
2010	5	12	15.00	35.16	92.52	0.83	29

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	5	12	16.00	33.76	92.54	0.13	355
2010	5	12	17.00	31.36	91.91	1.39	330
2010	5	12	18.00	30.36	91.24	1.53	10
2010	5	12	19.00	29.16	90.61	2.09	12
2010	5	12	20.00	26.96	90.5	1.67	3
2010	5	12	21.00	26.36	90.22	2.65	14
2010	5	12	22.00	24.56	89.39	2.93	13
2010	5	12	23.00	24.46	88.87	1.67	202
2010	5	12	24.00	23.36	91.9	4.60	317
2010	5	13	1.00	23.17	91.56	2.79	101
2010	5	13	2.00	23.05	93.43	1.53	191
2010	5	13	3.00	22.85	91.87	2.93	147
2010	5	13	4.00	22.55	93.14	2.23	68
2010	5	13	5.00	23.20	93.54	3.35	327
2010	5	13	6.00	23.85	91.33	2.23	290
2010	5	13	7.00	24.55	91.9	2.79	289
2010	5	13	8.00	26.75	91.06	2.09	6
2010	5	13	9.00	28.95	88.98	2.37	292
2010	5	13	10.00	28.85	85.22	2.65	296
2010	5	13	11.00	32.55	84.45	2.23	334
2010	5	13	12.00	33.85	84.28	1.67	8
2010	5	13	13.00	32.25	78.89	1.53	3
2010	5	13	14.00	35.95	77.8	2.09	358
2010	5	13	15.00	34.85	76	2.37	9
2010	5	13	16.00	33.45	76.02	2.09	35
2010	5	13	17.00	31.05	73.26	2.09	23
2010	5	13	18.00	30.05	74.23	2.37	288
2010	5	13	19.00	28.85	73.75	2.51	293
2010	5	13	20.00	26.65	71.64	2.37	270
2010	5	13	21.00	26.05	75.19	2.37	351
2010	5	13	22.00	24.25	73.46	1.81	296
2010	5	13	23.00	24.15	71.47	3.35	74
2010	5	13	24.00	23.05	72.01	2.79	344
2010	5	14	1.00	23.40	71.96	2.51	339
2010	5	14	2.00	23.28	74.7	2.09	21
2010	5	14	3.00	23.08	72.65	2.65	16
2010	5	14	4.00	22.78	72.28	2.09	2
2010	5	14	5.00	23.43	71.35	2.23	270
2010	5	14	6.00	24.08	76.26	3.21	9
2010	5	14	7.00	24.78	74.91	2.51	69
2010	5	14	8.00	26.98	74.02	3.21	4
2010	5	14	9.00	29.18	76.37	2.23	348
2010	5	14	10.00	29.08	76.08	2.93	306
2010	5	14	11.00	32.78	76.94	2.65	342
2010	5	14	12.00	34.08	76.07	4.18	112
2010	5	14	13.00	32.48	76.11	3.07	12
2010	5	14	14.00	36.18	76.7	2.79	237
2010	5	14	15.00	35.08	77.24	2.23	351
2010	5	14	16.00	33.68	78.01	2.09	71
2010	5	14	17.00	31.28	78.86	2.51	311

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	5	14	18.00	30.28	80.56	2.23	347
2010	5	14	19.00	29.08	81.8	2.93	294
2010	5	14	20.00	26.88	82.63	2.79	339
2010	5	14	21.00	26.28	83.49	2.93	1
2010	5	14	22.00	24.48	84.48	1.53	300
2010	5	14	23.00	24.38	85.44	2.37	351
2010	5	14	24.00	23.28	85.76	1.67	355
2010	5	15	1.00	23.23	86.24	1.53	333
2010	5	15	2.00	23.11	85.7	2.37	342
2010	5	15	3.00	22.91	84.38	2.37	23
2010	5	15	4.00	22.61	82.59	3.91	358
2010	5	15	5.00	23.26	81.92	3.49	256
2010	5	15	6.00	23.91	81.94	3.35	24
2010	5	15	7.00	24.61	82.54	1.67	8
2010	5	15	8.00	26.81	83.45	1.53	349
2010	5	15	9.00	29.01	84.04	0.97	2
2010	5	15	10.00	28.91	85.06	1.67	351
2010	5	15	11.00	32.61	81.57	2.37	24
2010	5	15	12.00	33.91	81.41	1.95	342
2010	5	15	13.00	32.31	84.05	0.97	15
2010	5	15	14.00	36.01	84.79	0.97	337
2010	5	15	15.00	34.91	86.5	1.25	357
2010	5	15	16.00	33.51	87.46	1.53	13
2010	5	15	17.00	31.11	87.31	1.25	343
2010	5	15	18.00	30.11	87.66	1.25	6
2010	5	15	19.00	28.91	87.95	0.69	327
2010	5	15	20.00	26.71	87.27	0.69	55
2010	5	15	21.00	26.11	87.4	0.97	8
2010	5	15	22.00	24.31	87.92	2.09	19
2010	5	15	23.00	24.21	87.75	2.09	31
2010	5	15	24.00	23.11	87.92	1.25	337
2010	5	16	1.00	23.60	88.18	1.67	22
2010	5	16	2.00	23.48	88.7	1.81	35
2010	5	16	3.00	23.28	88.27	1.39	350
2010	5	16	4.00	22.98	88.42	0.55	0
2010	5	16	5.00	23.63	88.35	0.41	355
2010	5	16	6.00	24.28	87.76	0.83	9
2010	5	16	7.00	24.98	88.32	1.39	5
2010	5	16	8.00	27.18	88.73	1.53	5
2010	5	16	9.00	29.38	89.28	1.25	343
2010	5	16	10.00	29.28	89.94	0.97	2
2010	5	16	11.00	32.98	90.67	1.67	350
2010	5	16	12.00	34.28	90.96	1.81	40
2010	5	16	13.00	32.68	90.76	1.39	23
2010	5	16	14.00	36.38	91.28	1.11	351
2010	5	16	15.00	35.28	91.28	0.69	16
2010	5	16	16.00	33.88	90.58	0.55	352
2010	5	16	17.00	31.48	90.28	0.41	1
2010	5	16	18.00	30.48	90.24	0.55	3
2010	5	16	19.00	29.28	90.39	0.55	308

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	5	16	20.00	27.08	90.09	0.55	13
2010	5	16	21.00	26.48	90.15	1.11	337
2010	5	16	22.00	24.68	89.19	1.39	353
2010	5	16	23.00	24.58	87.47	1.11	11
2010	5	16	24.00	23.48	86.65	1.67	333
2010	5	17	1.00	23.65	84.03	0.97	338
2010	5	17	2.00	31.88	83.89	1.11	14
2010	5	17	3.00	31.40	84.08	1.11	1
2010	5	17	4.00	32.45	83.94	0.69	78
2010	5	17	5.00	31.61	83.15	1.25	27
2010	5	17	6.00	31.87	87.61	0.97	243
2010	5	17	7.00	31.36	91.47	2.37	187
2010	5	17	8.00	31.22	93.52	1.67	296
2010	5	17	9.00	30.59	94.23	0.41	318
2010	5	17	10.00	30.51	94.45	1.53	12
2010	5	17	11.00	30.74	93.44	1.95	351
2010	5	17	12.00	29.93	93.54	1.95	348
2010	5	17	13.00	30.14	93.36	2.09	2
2010	5	17	14.00	30.51	93.13	1.67	345
2010	5	17	15.00	29.96	93.03	1.25	89
2010	5	17	16.00	29.40	90.45	2.09	5
2010	5	17	17.00	29.58	84.27	1.11	5
2010	5	17	18.00	29.15	86.29	2.09	272
2010	5	17	19.00	29.12	83.47	2.09	348
2010	5	17	20.00	28.41	77.38	1.11	358
2010	5	17	21.00	27.95	70.35	1.39	43
2010	5	17	22.00	27.48	72.66	1.11	336
2010	5	17	23.00	27.39	72.16	1.25	310
2010	5	17	24.00	27.03	69.07	2.09	327
2010	5	18	1.00	23.70	68.61	1.67	5
2010	5	18	2.00	23.58	67.13	1.67	286
2010	5	18	3.00	23.38	66.41	1.95	326
2010	5	18	4.00	23.08	65.83	1.53	5
2010	5	18	5.00	23.73	64.98	1.25	307
2010	5	18	6.00	24.38	63.28	1.39	22
2010	5	18	7.00	25.08	65.84	1.39	359
2010	5	18	8.00	27.28	61.68	1.39	359
2010	5	18	9.00	29.48	64.67	1.81	22
2010	5	18	10.00	29.38	64.48	0.97	316
2010	5	18	11.00	33.08	65.38	1.53	7
2010	5	18	12.00	34.38	65.77	0.13	44
2010	5	18	13.00	32.78	65.24	0.55	51
2010	5	18	14.00	36.48	69.04	0.97	135
2010	5	18	15.00	35.38	67.15	0.83	66
2010	5	18	16.00	33.98	69.37	1.25	338
2010	5	18	17.00	31.58	70.68	1.95	287
2010	5	18	18.00	30.58	71.97	2.37	44
2010	5	18	19.00	29.38	72.2	1.11	28
2010	5	18	20.00	27.18	73.53	0.97	334
2010	5	18	21.00	26.58	74.25	0.83	349

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	5	18	22.00	24.78	75.63	0.69	2
2010	5	18	23.00	24.68	78.04	1.67	332
2010	5	18	24.00	23.58	78.49	1.53	357
2010	5	19	1.00	23.64	79.15	1.67	358
2010	5	19	2.00	23.52	78.65	0.41	349
2010	5	19	3.00	23.32	78.67	0.00	0
2010	5	19	4.00	23.02	82.39	0.69	52
2010	5	19	5.00	23.67	82.16	0.97	29
2010	5	19	6.00	24.32	82.98	0.41	20
2010	5	19	7.00	25.02	82.89	0.00	0
2010	5	19	8.00	27.22	83.9	0.00	0
2010	5	19	9.00	29.42	84.24	0.27	329
2010	5	19	10.00	29.32	83.62	0.00	0
2010	5	19	11.00	33.02	85.11	0.00	0
2010	5	19	12.00	34.32	86.72	0.00	0
2010	5	19	13.00	32.72	88.37	0.00	0
2010	5	19	14.00	36.42	88.43	0.55	312
2010	5	19	15.00	35.32	88.6	0.13	298
2010	5	19	16.00	33.92	88.86	0.13	307
2010	5	19	17.00	31.52	88	0.27	289
2010	5	19	18.00	30.52	87.03	0.27	341
2010	5	19	19.00	29.32	87.27	0.00	0
2010	5	19	20.00	27.12	88.2	0.55	308
2010	5	19	21.00	26.52	87.59	0.00	0
2010	5	19	22.00	24.72	87.72	0.00	0
2010	5	19	23.00	24.62	88.47	0.00	0
2010	5	19	24.00	23.52	89.92	0.41	319
2010	5	20	1.00	23.69	89.82	0.00	0
2010	5	20	2.00	31.92	89.83	0.00	0
2010	5	20	3.00	31.44	90.74	0.00	0
2010	5	20	4.00	32.49	91.25	0.00	0
2010	5	20	5.00	31.65	92.16	0.00	0
2010	5	20	6.00	31.91	91.93	0.00	0
2010	5	20	7.00	31.40	92.09	0.00	0
2010	5	20	8.00	31.26	92.4	0.00	0
2010	5	20	9.00	30.63	92.27	0.00	0
2010	5	20	10.00	30.55	92.19	0.00	0
2010	5	20	11.00	30.78	91.47	0.00	0
2010	5	20	12.00	29.97	93.14	0.00	0
2010	5	20	13.00	30.18	93.53	0.00	0
2010	5	20	14.00	30.55	93.65	0.00	0
2010	5	20	15.00	30.00	93.95	0.00	0
2010	5	20	16.00	29.44	93.8	0.00	0
2010	5	20	17.00	29.62	93.7	0.00	0
2010	5	20	18.00	29.19	94.25	0.00	0
2010	5	20	19.00	29.16	93.96	0.00	0
2010	5	20	20.00	28.45	93.04	0.00	0
2010	5	20	21.00	27.99	92.61	0.00	0
2010	5	20	22.00	27.52	91.88	0.00	0
2010	5	20	23.00	27.43	88.2	0.00	0

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	5	20	24.00	27.07	84.81	0.97	297
2010	5	21	1.00	23.11	86	0.00	0
2010	5	21	2.00	22.99	85.41	0.69	347
2010	5	21	3.00	22.79	85.32	1.25	43
2010	5	21	4.00	22.49	84.11	1.53	344
2010	5	21	5.00	23.14	82.01	0.83	46
2010	5	21	6.00	23.79	79.22	1.11	353
2010	5	21	7.00	24.49	80.73	1.67	21
2010	5	21	8.00	26.69	78.59	1.53	340
2010	5	21	9.00	28.89	78.65	1.95	35
2010	5	21	10.00	28.79	75.47	1.39	7
2010	5	21	11.00	32.49	75.05	2.37	340
2010	5	21	12.00	33.79	70.81	1.11	4
2010	5	21	13.00	32.19	70.74	1.81	287
2010	5	21	14.00	35.89	65.61	1.25	348
2010	5	21	15.00	34.79	66.96	1.11	78
2010	5	21	16.00	33.39	62.07	1.39	101
2010	5	21	17.00	30.99	62.03	1.67	358
2010	5	21	18.00	29.99	61.85	1.39	320
2010	5	21	19.00	28.79	64.33	1.39	120
2010	5	21	20.00	26.59	58.72	1.39	332
2010	5	21	21.00	25.99	58.99	1.39	303
2010	5	21	22.00	24.19	56.86	1.11	294
2010	5	21	23.00	24.09	57.92	0.69	323
2010	5	21	24.00	22.99	57.58	0.69	302
2010	5	22	1.00	23.16	58.19	1.53	309
2010	5	22	2.00	31.39	56.6	1.11	290
2010	5	22	3.00	30.91	58.27	1.53	342
2010	5	22	4.00	31.96	57.81	1.11	352
2010	5	22	5.00	31.12	53.28	0.41	261
2010	5	22	6.00	31.38	55.63	0.97	17
2010	5	22	7.00	30.87	58.42	0.83	120
2010	5	22	8.00	30.73	62.4	2.23	176
2010	5	22	9.00	30.10	67.47	3.77	179
2010	5	22	10.00	30.02	68.43	3.77	124
2010	5	22	11.00	30.25	69.01	2.51	218
2010	5	22	12.00	29.44	69.64	2.51	170
2010	5	22	13.00	29.65	67.7	2.37	184
2010	5	22	14.00	30.02	68.42	2.51	186
2010	5	22	15.00	29.47	69.06	1.67	132
2010	5	22	16.00	28.91	68.44	0.97	195
2010	5	22	17.00	29.09	69.17	0.97	188
2010	5	22	18.00	28.66	71.18	0.69	183
2010	5	22	19.00	28.63	70.16	1.39	181
2010	5	22	20.00	27.92	71.27	0.83	127
2010	5	22	21.00	27.46	71.51	0.00	0
2010	5	22	22.00	26.99	73.49	0.00	0
2010	5	22	23.00	26.90	76.58	0.55	89
2010	5	22	24.00	26.54	78.06	0.55	79
2010	5	23	1.00	23.21	79.55	0.00	0

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	5	23	2.00	23.09	81.22	0.00	0
2010	5	23	3.00	22.89	81.23	0.00	0
2010	5	23	4.00	22.59	80.89	0.00	0
2010	5	23	5.00	23.24	83.65	0.00	0
2010	5	23	6.00	23.89	81.88	0.00	0
2010	5	23	7.00	24.59	79.86	0.13	180
2010	5	23	8.00	26.79	80.66	0.00	180
2010	5	23	9.00	28.99	80.97	0.13	179
2010	5	23	10.00	28.89	78.49	0.27	159
2010	5	23	11.00	32.59	77.64	0.00	0
2010	5	23	12.00	33.89	79.12	0.00	0
2010	5	23	13.00	32.29	77.87	0.00	0
2010	5	23	14.00	35.99	74.8	0.97	152
2010	5	23	15.00	34.89	74.6	0.55	179
2010	5	23	16.00	33.49	76.58	1.11	130
2010	5	23	17.00	31.09	77.99	0.83	152
2010	5	23	18.00	30.09	78.14	0.69	205
2010	5	23	19.00	28.89	79.23	0.83	200
2010	5	23	20.00	26.69	79.87	0.97	131
2010	5	23	21.00	26.09	79.71	0.69	158
2010	5	23	22.00	24.29	81.16	0.83	166
2010	5	23	23.00	24.19	80.47	0.41	127
2010	5	23	24.00	23.09	81.07	0.83	198
2010	5	24	1.00	22.90	80.7	0.83	213
2010	5	24	2.00	22.78	80.44	0.69	186
2010	5	24	3.00	22.58	83.63	0.83	36
2010	5	24	4.00	22.28	83.98	0.00	0
2010	5	24	5.00	22.93	86.65	1.39	300
2010	5	24	6.00	23.58	87.22	1.39	298
2010	5	24	7.00	24.28	86.15	0.69	315
2010	5	24	8.00	26.48	87.15	0.00	0
2010	5	24	9.00	28.68	89.2	0.55	284
2010	5	24	10.00	28.58	89.9	0.97	343
2010	5	24	11.00	32.28	90.84	0.13	344
2010	5	24	12.00	33.58	91.07	0.55	340
2010	5	24	13.00	31.98	91.13	0.13	339
2010	5	24	14.00	35.68	91.6	0.83	339
2010	5	24	15.00	34.58	91.82	0.13	333
2010	5	24	16.00	33.18	92.25	0.55	340
2010	5	24	17.00	30.78	92.03	0.69	337
2010	5	24	18.00	29.78	92.01	0.69	286
2010	5	24	19.00	28.58	91.17	0.41	2
2010	5	24	20.00	26.38	91.51	0.55	317
2010	5	24	21.00	25.78	91.4	0.83	4
2010	5	24	22.00	23.98	91.1	1.11	355
2010	5	24	23.00	23.88	88.97	0.97	206
2010	5	24	24.00	22.78	87.89	1.25	346
2010	5	25	1.00	23.13	87.64	1.11	343
2010	5	25	2.00	23.01	87.59	1.67	352
2010	5	25	3.00	22.81	85.51	1.95	354

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	5	25	4.00	22.51	85.37	1.95	13
2010	5	25	5.00	23.16	85.65	1.81	8
2010	5	25	6.00	23.81	81.75	1.39	293
2010	5	25	7.00	24.51	84.75	2.09	352
2010	5	25	8.00	26.71	81.12	1.81	321
2010	5	25	9.00	28.91	80.89	1.67	355
2010	5	25	10.00	28.81	84.11	1.67	304
2010	5	25	11.00	32.51	81.79	0.97	340
2010	5	25	12.00	33.81	79.34	0.97	4
2010	5	25	13.00	32.21	80.27	1.67	325
2010	5	25	14.00	35.91	78.28	1.11	277
2010	5	25	15.00	34.81	77.8	1.53	346
2010	5	25	16.00	33.41	76.31	0.97	64
2010	5	25	17.00	31.01	76.17	1.39	355
2010	5	25	18.00	30.01	78.04	1.67	358
2010	5	25	19.00	28.81	79.93	1.81	24
2010	5	25	20.00	26.61	89.84	4.18	89
2010	5	25	21.00	26.01	94.13	3.91	195
2010	5	25	22.00	24.21	94.52	1.81	348
2010	5	25	23.00	24.11	94.7	1.25	63
2010	5	25	24.00	23.01	94.24	1.25	318
2010	5	26	1.00	23.01	93.54	0.00	0
2010	5	26	2.00	22.89	92.89	1.11	333
2010	5	26	3.00	22.69	90.21	1.39	332
2010	5	26	4.00	22.39	89.85	0.41	343
2010	5	26	5.00	23.04	89.95	1.39	5
2010	5	26	6.00	23.69	89.44	0.97	348
2010	5	26	7.00	24.39	86.82	0.69	12
2010	5	26	8.00	26.59	87.72	0.97	7
2010	5	26	9.00	28.79	85.35	0.55	7
2010	5	26	10.00	28.69	86.89	1.11	311
2010	5	26	11.00	32.39	86.53	0.97	295
2010	5	26	12.00	33.69	86.35	1.39	340
2010	5	26	13.00	32.09	87.59	1.53	353
2010	5	26	14.00	35.79	87.76	1.25	14
2010	5	26	15.00	34.69	89.44	1.53	354
2010	5	26	16.00	33.29	92.05	0.83	161
2010	5	26	17.00	30.89	94.3	1.81	343
2010	5	26	18.00	29.89	94.4	1.53	294
2010	5	26	19.00	28.69	94.56	1.25	324
2010	5	26	20.00	26.49	94.53	1.11	341
2010	5	26	21.00	25.89	94.15	2.09	357
2010	5	26	22.00	24.09	94.1	0.41	2
2010	5	26	23.00	23.99	93.96	0.97	342
2010	5	26	24.00	22.89	94	1.25	67
2010	5	27	1.00	23.06	94.16	0.55	356
2010	5	27	2.00	31.29	94.57	0.55	333
2010	5	27	3.00	30.81	94.86	1.53	292
2010	5	27	4.00	31.86	94.75	1.67	353
2010	5	27	5.00	31.02	94.6	0.27	341

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	5	27	6.00	31.28	94.69	0.27	5
2010	5	27	7.00	30.77	94.55	0.27	347
2010	5	27	8.00	30.63	94.68	0.41	321
2010	5	27	9.00	30.00	94.71	0.55	327
2010	5	27	10.00	29.92	94.91	0.13	76
2010	5	27	11.00	30.15	94.91	0.13	253
2010	5	27	12.00	29.34	95.13	0.00	0
2010	5	27	13.00	29.55	95.23	0.41	310
2010	5	27	14.00	29.92	95.02	0.27	331
2010	5	27	15.00	29.37	95.24	0.00	0
2010	5	27	16.00	28.81	95.57	0.69	49
2010	5	27	17.00	28.99	95.73	1.67	8
2010	5	27	18.00	28.56	95.71	1.25	127
2010	5	27	19.00	28.53	95.43	0.83	59
2010	5	27	20.00	27.82	95.47	0.00	0
2010	5	27	21.00	27.36	95.59	0.13	314
2010	5	27	22.00	26.89	95.41	0.00	0
2010	5	27	23.00	26.80	95.71	0.41	296
2010	5	27	24.00	26.44	95.62	0.27	305
2010	5	28	1.00	23.11	95.89	0.97	291
2010	5	28	2.00	22.99	95.91	1.39	295
2010	5	28	3.00	22.79	96.34	1.11	310
2010	5	28	4.00	22.49	96.5	1.39	324
2010	5	28	5.00	23.14	96.32	0.83	338
2010	5	28	6.00	23.79	96.13	0.13	67
2010	5	28	7.00	24.49	96.3	0.13	343
2010	5	28	8.00	26.69	96.29	0.55	170
2010	5	28	9.00	28.89	96.33	0.41	340
2010	5	28	10.00	28.79	96.29	0.83	62
2010	5	28	11.00	32.49	96.17	0.13	57
2010	5	28	12.00	33.79	96.15	0.27	80
2010	5	28	13.00	32.19	96.04	0.00	0
2010	5	28	14.00	35.89	96.39	0.83	79
2010	5	28	15.00	34.79	96.36	1.25	139
2010	5	28	16.00	33.39	96.32	1.25	98
2010	5	28	17.00	30.99	96.29	0.69	99
2010	5	28	18.00	29.99	96.34	0.97	158
2010	5	28	19.00	28.79	96.28	0.97	145
2010	5	28	20.00	26.59	96.28	1.11	105
2010	5	28	21.00	25.99	96.36	1.11	147
2010	5	28	22.00	24.19	96.34	1.25	181
2010	5	28	23.00	24.09	96.34	1.67	149
2010	5	28	24.00	22.99	96.34	1.95	128
2010	5	29	1.00	22.80	96.11	1.81	131
2010	5	29	2.00	22.68	95.94	1.67	154
2010	5	29	3.00	22.48	95.13	2.37	159
2010	5	29	4.00	22.18	95.26	2.37	187
2010	5	29	5.00	22.83	94.87	2.23	177
2010	5	29	6.00	23.48	94.85	2.37	176
2010	5	29	7.00	24.18	95.08	1.39	246

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	5	29	8.00	26.38	95.24	0.13	273
2010	5	29	9.00	28.58	94.99	0.83	140
2010	5	29	10.00	28.48	93.96	0.97	305
2010	5	29	11.00	32.18	92.24	1.95	285
2010	5	29	12.00	33.48	91.99	3.35	193
2010	5	29	13.00	31.88	93.31	4.18	264
2010	5	29	14.00	35.58	93.25	3.35	262
2010	5	29	15.00	34.48	92.37	3.07	169
2010	5	29	16.00	33.08	92.26	2.79	93
2010	5	29	17.00	30.68	90.62	3.21	272
2010	5	29	18.00	29.68	88.94	2.37	182
2010	5	29	19.00	28.48	88.13	3.07	269
2010	5	29	20.00	26.28	87.75	3.49	192
2010	5	29	21.00	25.68	86.21	2.93	222
2010	5	29	22.00	23.88	86.71	1.81	198
2010	5	29	23.00	23.78	86.36	1.39	177
2010	5	29	24.00	22.68	85.52	2.09	185
2010	5	30	1.00	23.03	85.83	2.09	120
2010	5	30	2.00	22.91	86.9	2.23	189
2010	5	30	3.00	22.71	88.68	1.95	95
2010	5	30	4.00	22.41	87.63	2.23	269
2010	5	30	5.00	23.06	88.6	0.41	233
2010	5	30	6.00	23.71	87.68	0.00	0
2010	5	30	7.00	24.41	87.13	0.00	0
2010	5	30	8.00	26.61	86.89	0.41	135
2010	5	30	9.00	28.81	88.34	0.41	106
2010	5	30	10.00	28.71	89.63	1.11	138
2010	5	30	11.00	32.41	89.21	1.67	220
2010	5	30	12.00	33.71	85.9	1.81	190
2010	5	30	13.00	32.11	86.26	2.51	188
2010	5	30	14.00	35.81	86.12	1.81	238
2010	5	30	15.00	34.71	85.67	1.95	179
2010	5	30	16.00	33.31	84.1	2.51	172
2010	5	30	17.00	30.91	85.62	2.09	176
2010	5	30	18.00	29.91	85.86	1.39	139
2010	5	30	19.00	28.71	86.27	1.25	80
2010	5	30	20.00	26.51	88.57	0.55	42
2010	5	30	21.00	25.91	88.94	0.27	61
2010	5	30	22.00	24.11	90.59	0.00	0
2010	5	30	23.00	24.01	90.47	0.00	0
2010	5	30	24.00	22.91	91.11	0.55	30
2010	5	31	1.00	23.19	90.24	1.11	352
2010	5	31	2.00	23.07	90.72	0.55	56
2010	5	31	3.00	22.87	90.99	0.83	52
2010	5	31	4.00	22.57	91.05	0.55	124
2010	5	31	5.00	23.22	91.09	0.13	76
2010	5	31	6.00	23.87	91.51	0.83	129
2010	5	31	7.00	24.57	92.09	1.25	136
2010	5	31	8.00	26.77	92.37	0.97	169
2010	5	31	9.00	28.97	92.45	0.83	193

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	5	31	10.00	28.87	93.26	0.55	219
2010	5	31	11.00	32.57	93.37	0.83	292
2010	5	31	12.00	33.87	93.95	0.55	115
2010	5	31	13.00	32.27	94.1	0.00	0
2010	5	31	14.00	35.97	93	1.53	133
2010	5	31	15.00	34.87	91.68	1.67	135
2010	5	31	16.00	33.47	89.61	2.09	168
2010	5	31	17.00	31.07	86.5	1.67	195
2010	5	31	18.00	30.07	84.2	1.11	200
2010	5	31	19.00	28.87	82.08	3.07	251
2010	5	31	20.00	26.67	83.86	2.93	172
2010	5	31	21.00	26.07	86.41	1.67	233
2010	5	31	22.00	24.27	88.42	1.67	195
2010	5	31	23.00	24.17	89.48	1.39	138
2010	5	31	24.00	23.07	89.49	1.25	259
2010	6	1	1.00	23.24	86.75	1.81	235
2010	6	1	2.00	31.47	84.81	1.53	176
2010	6	1	3.00	30.99	82.96	2.79	318
2010	6	1	4.00	32.04	84.11	1.67	242
2010	6	1	5.00	31.20	85.16	1.39	170
2010	6	1	6.00	31.46	85.12	1.53	194
2010	6	1	7.00	30.95	87.92	1.11	80
2010	6	1	8.00	30.81	88.41	1.11	60
2010	6	1	9.00	30.18	89.65	1.25	69
2010	6	1	10.00	30.10	89.43	1.11	87
2010	6	1	11.00	30.33	90.68	0.00	0
2010	6	1	12.00	29.52	90.82	0.41	154
2010	6	1	13.00	29.73	92	0.69	202
2010	6	1	14.00	30.10	91.86	0.69	187
2010	6	1	15.00	29.55	91.44	0.69	162
2010	6	1	16.00	28.99	91.95	0.27	164
2010	6	1	17.00	29.17	91.52	0.00	0
2010	6	1	18.00	28.74	91.75	0.27	178
2010	6	1	19.00	28.71	91.88	0.00	220
2010	6	1	20.00	28.00	90.96	0.41	72
2010	6	1	21.00	27.54	90.57	0.83	141
2010	6	1	22.00	27.07	89.44	1.67	154
2010	6	1	23.00	26.98	89.57	1.67	156
2010	6	1	24.00	26.62	89.09	0.97	149
2010	6	2	1.00	23.29	88.02	1.67	121
2010	6	2	2.00	23.17	85.05	1.11	149
2010	6	2	3.00	22.97	86.16	1.11	80
2010	6	2	4.00	22.67	82.42	0.97	67
2010	6	2	5.00	23.32	80.44	1.67	134
2010	6	2	6.00	23.97	81.67	1.39	101
2010	6	2	7.00	24.67	82.34	0.83	80
2010	6	2	8.00	26.87	81.99	0.97	101
2010	6	2	9.00	29.07	82.11	0.83	116
2010	6	2	10.00	28.97	79.82	1.25	94
2010	6	2	11.00	32.67	81.59	1.39	86

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	6	2	12.00	33.97	78.45	0.97	190
2010	6	2	13.00	32.37	77.23	1.25	126
2010	6	2	14.00	36.07	74.23	1.11	216
2010	6	2	15.00	34.97	72.78	1.67	210
2010	6	2	16.00	33.57	72.31	0.83	144
2010	6	2	17.00	31.17	75.56	1.81	180
2010	6	2	18.00	30.17	75.38	2.23	116
2010	6	2	19.00	28.97	76.67	1.95	131
2010	6	2	20.00	26.77	74.46	2.51	262
2010	6	2	21.00	26.17	73.48	2.51	246
2010	6	2	22.00	24.37	72.35	1.67	322
2010	6	2	23.00	24.27	70.75	1.67	316
2010	6	2	24.00	23.17	69.73	1.39	242
2010	6	3	1.00	22.98	70.14	1.81	180
2010	6	3	2.00	22.86	70.86	1.67	184
2010	6	3	3.00	22.66	72.06	1.53	208
2010	6	3	4.00	22.36	70.12	1.81	23
2010	6	3	5.00	23.01	71.75	1.67	155
2010	6	3	6.00	23.66	73.1	1.53	135
2010	6	3	7.00	24.36	72.22	1.95	122
2010	6	3	8.00	26.56	72.84	2.51	140
2010	6	3	9.00	28.76	71.97	1.95	160
2010	6	3	10.00	28.66	72.52	1.95	216
2010	6	3	11.00	32.36	72.55	1.39	251
2010	6	3	12.00	33.66	73.89	1.25	170
2010	6	3	13.00	32.06	74.94	1.53	190
2010	6	3	14.00	35.76	76.39	1.53	205
2010	6	3	15.00	34.66	77.2	1.25	186
2010	6	3	16.00	33.26	77.96	1.25	197
2010	6	3	17.00	30.86	78.29	1.67	179
2010	6	3	18.00	29.86	78.39	0.83	160
2010	6	3	19.00	28.66	79.32	0.83	147
2010	6	3	20.00	26.46	80.16	1.11	126
2010	6	3	21.00	25.86	80.32	0.97	205
2010	6	3	22.00	24.06	82.18	0.27	124
2010	6	3	23.00	23.96	82.73	0.55	118
2010	6	3	24.00	22.86	82.52	1.53	131
2010	6	4	1.00	23.21	82.55	1.39	172
2010	6	4	2.00	23.09	81.61	0.97	203
2010	6	4	3.00	22.89	78.56	1.53	250
2010	6	4	4.00	22.59	76.78	1.11	184
2010	6	4	5.00	23.24	76.55	0.83	119
2010	6	4	6.00	23.89	78.96	0.27	49
2010	6	4	7.00	24.59	77.25	0.69	144
2010	6	4	8.00	26.79	77.07	0.55	88
2010	6	4	9.00	28.99	82.87	0.00	0
2010	6	4	10.00	28.89	82.24	0.27	48
2010	6	4	11.00	32.59	78.61	0.00	0
2010	6	4	12.00	33.89	82.13	0.55	153
2010	6	4	13.00	32.29	82.02	0.69	141

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	6	4	14.00	35.99	81.72	0.41	191
2010	6	4	15.00	34.89	86.93	0.41	294
2010	6	4	16.00	33.49	87.36	0.83	306
2010	6	4	17.00	31.09	86.55	0.69	319
2010	6	4	18.00	30.09	85.08	0.00	0
2010	6	4	19.00	28.89	87.76	0.00	0
2010	6	4	20.00	26.69	90.04	0.69	313
2010	6	4	21.00	26.09	90.41	0.69	314
2010	6	4	22.00	24.29	91.71	0.00	0
2010	6	4	23.00	24.19	92.46	0.00	0
2010	6	4	24.00	23.09	92.73	0.00	0
2010	6	5	1.00	23.04	92.99	0.00	0
2010	6	5	2.00	22.92	93.54	0.00	0
2010	6	5	3.00	22.72	93.79	0.13	82
2010	6	5	4.00	22.42	93.78	0.41	186
2010	6	5	5.00	23.07	93.9	0.13	250
2010	6	5	6.00	23.72	93.88	0.00	0
2010	6	5	7.00	24.42	94.19	0.00	0
2010	6	5	8.00	26.62	94.41	0.00	0
2010	6	5	9.00	28.82	94.78	0.69	319
2010	6	5	10.00	28.72	94.74	0.27	320
2010	6	5	11.00	32.42	94.55	0.00	0
2010	6	5	12.00	33.72	94.62	0.00	0
2010	6	5	13.00	32.12	94.75	0.00	0
2010	6	5	14.00	35.82	95.01	0.00	0
2010	6	5	15.00	34.72	94.77	0.13	18
2010	6	5	16.00	33.32	94.93	0.00	0
2010	6	5	17.00	30.92	94.74	0.00	0
2010	6	5	18.00	29.92	94.8	0.00	0
2010	6	5	19.00	28.72	93.6	0.55	352
2010	6	5	20.00	26.52	93.59	0.27	359
2010	6	5	21.00	25.92	93.67	0.41	7
2010	6	5	22.00	24.12	93.68	0.41	343
2010	6	5	23.00	24.02	92.42	0.69	322
2010	6	5	24.00	22.92	90.87	0.55	16
2010	6	6	1.00	23.14	89.42	0.27	1
2010	6	6	2.00	23.02	89.96	0.55	2
2010	6	6	3.00	22.82	88.69	1.81	358
2010	6	6	4.00	22.52	87.31	1.39	349
2010	6	6	5.00	23.17	86.27	1.11	12
2010	6	6	6.00	23.82	88.21	1.39	321
2010	6	6	7.00	24.52	86.54	1.39	44
2010	6	6	8.00	26.72	84.85	0.97	112
2010	6	6	9.00	28.92	79.6	1.39	80
2010	6	6	10.00	28.82	78.21	1.81	135
2010	6	6	11.00	32.52	81.04	1.53	176
2010	6	6	12.00	33.82	78.77	1.25	66
2010	6	6	13.00	32.22	84.02	1.25	353
2010	6	6	14.00	35.92	85.73	1.67	5
2010	6	6	15.00	34.82	83.31	1.67	18

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	6	6	16.00	33.42	81.84	1.11	16
2010	6	6	17.00	31.02	78.91	1.25	6
2010	6	6	18.00	30.02	75.73	1.53	84
2010	6	6	19.00	28.82	77.49	0.83	1
2010	6	6	20.00	26.62	76.48	2.09	12
2010	6	6	21.00	26.02	77.08	1.11	349
2010	6	6	22.00	24.22	73.51	0.83	7
2010	6	6	23.00	24.12	74.96	1.11	0
2010	6	6	24.00	23.02	73.98	1.53	310
2010	6	7	1.00	23.19	75.28	2.23	329
2010	6	7	2.00	31.42	72.48	1.39	45
2010	6	7	3.00	30.94	72.72	1.39	288
2010	6	7	4.00	31.99	72	1.39	5
2010	6	7	5.00	31.15	67.39	1.39	62
2010	6	7	6.00	31.41	66.27	1.67	244
2010	6	7	7.00	30.90	72.17	1.67	53
2010	6	7	8.00	30.76	67.43	0.97	22
2010	6	7	9.00	30.13	67.56	1.39	24
2010	6	7	10.00	30.05	65.92	0.55	20
2010	6	7	11.00	30.28	69.29	1.11	291
2010	6	7	12.00	29.47	69.81	0.83	302
2010	6	7	13.00	29.68	69.85	0.97	27
2010	6	7	14.00	30.05	69.81	0.83	324
2010	6	7	15.00	29.50	70.41	1.11	356
2010	6	7	16.00	28.94	69.84	0.83	344
2010	6	7	17.00	29.12	71.09	0.69	294
2010	6	7	18.00	28.69	73.97	0.97	330
2010	6	7	19.00	28.66	74.69	0.97	305
2010	6	7	20.00	27.95	76.19	0.83	345
2010	6	7	21.00	27.49	76.74	0.41	5
2010	6	7	22.00	27.02	76.57	0.00	0
2010	6	7	23.00	26.93	78.63	0.00	0
2010	6	7	24.00	26.57	81.23	0.00	0
2010	6	8	1.00	23.24	82.13	0.00	0
2010	6	8	2.00	23.12	84.72	0.00	0
2010	6	8	3.00	22.92	85.29	0.00	0
2010	6	8	4.00	22.62	84.09	0.55	308
2010	6	8	5.00	23.27	84.78	0.55	327
2010	6	8	6.00	23.92	86.12	0.27	313
2010	6	8	7.00	24.62	86.91	0.00	0
2010	6	8	8.00	26.82	87.44	0.00	0
2010	6	8	9.00	29.02	88.09	0.00	0
2010	6	8	10.00	28.92	89.17	0.41	310
2010	6	8	11.00	32.62	89.91	0.13	330
2010	6	8	12.00	33.92	90.88	0.00	0
2010	6	8	13.00	32.32	91.07	0.00	0
2010	6	8	14.00	36.02	91.5	0.00	0
2010	6	8	15.00	34.92	91.13	0.00	0
2010	6	8	16.00	33.52	90.74	0.00	0
2010	6	8	17.00	31.12	91.03	0.00	0

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	6	8	18.00	30.12	90.53	0.00	0
2010	6	8	19.00	28.92	91.16	0.00	0
2010	6	8	20.00	26.72	90.25	0.00	0
2010	6	8	21.00	26.12	90.07	0.00	0
2010	6	8	22.00	24.32	88.98	0.00	0
2010	6	8	23.00	24.22	90.22	0.00	0
2010	6	8	24.00	23.12	91.27	0.00	0
2010	6	9	1.00	22.93	94.05	0.83	0
2010	6	9	2.00	22.81	92.56	0.55	0
2010	6	9	3.00	22.61	92.26	0.00	0
2010	6	9	4.00	22.31	92.04	0.00	0
2010	6	9	5.00	22.96	92.38	0.00	0
2010	6	9	6.00	23.61	93.11	0.00	0
2010	6	9	7.00	24.31	93.23	0.00	0
2010	6	9	8.00	26.51	93.48	0.00	0
2010	6	9	9.00	28.71	93.38	0.00	0
2010	6	9	10.00	28.61	93.77	0.00	0
2010	6	9	11.00	32.31	95.08	0.83	320
2010	6	9	12.00	33.61	94.78	0.27	305
2010	6	9	13.00	32.01	94.65	0.00	0
2010	6	9	14.00	35.71	94.73	0.00	0
2010	6	9	15.00	34.61	94.61	0.00	0
2010	6	9	16.00	33.21	94.68	0.00	0
2010	6	9	17.00	30.81	94.63	0.00	0
2010	6	9	18.00	29.81	94.55	0.00	0
2010	6	9	19.00	28.61	94.5	0.69	307
2010	6	9	20.00	26.41	93.55	0.83	305
2010	6	9	21.00	25.81	93.06	0.69	298
2010	6	9	22.00	24.01	92.69	1.25	300
2010	6	9	23.00	23.91	90.99	0.83	292
2010	6	9	24.00	22.81	86.5	0.55	301
2010	6	10	1.00	23.16	81.78	0.69	44
2010	6	10	2.00	23.04	77.04	0.69	36
2010	6	10	3.00	22.84	79.28	1.11	42
2010	6	10	4.00	22.54	72.43	0.27	25
2010	6	10	5.00	23.19	71.28	0.41	34
2010	6	10	6.00	23.84	76.4	0.83	217
2010	6	10	7.00	24.54	72.69	1.39	184
2010	6	10	8.00	26.74	68.96	1.53	317
2010	6	10	9.00	28.94	68.52	1.81	170
2010	6	10	10.00	28.84	65.76	2.37	89
2010	6	10	11.00	32.54	68.17	1.67	213
2010	6	10	12.00	33.84	68.18	1.95	233
2010	6	10	13.00	32.24	66.83	1.81	199
2010	6	10	14.00	35.94	65.29	2.23	85
2010	6	10	15.00	34.84	59.62	3.07	130
2010	6	10	16.00	33.44	63.15	2.37	199
2010	6	10	17.00	31.04	61.35	1.81	270
2010	6	10	18.00	30.04	60.49	2.09	207
2010	6	10	19.00	28.84	60.64	2.23	193

Year	Month	Day	Hours	Air Temp (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction
2010	6	10	20.00	26.64	56.45	1.81	223
2010	6	10	21.00	26.04	56.86	1.25	113
2010	6	10	22.00	24.24	54.99	1.81	216
2010	6	10	23.00	24.14	53.24	1.95	123
2010	6	10	24.00	23.04	55.38	1.53	87

ANNEXURE 3: RAINFALL RECORDED DURING PRIMARY MONITORING

Year	Month	Date	Rainfall (mm)
2010	3	11	2.9
2010	3	12	0.0
2010	3	13	0.0
2010	3	14	0.0
2010	3	15	0.0
2010	3	16	2.4
2010	3	17	3.2
2010	3	18	0.0
2010	3	19	0.0
2010	3	20	0.0
2010	3	21	0.0
2010	3	22	0.0
2010	3	23	0.0
2010	3	24	0.0
2010	3	25	0.0
2010	3	26	0.0
2010	3	27	0.0
2010	3	28	0.0
2010	3	29	0.0
2010	3	30	0.0
2010	3	31	0.0
2010	4	1	0.0
2010	4	2	0.0
2010	4	3	0.0
2010	4	4	0.0
2010	4	5	1.2
2010	4	6	0.0
2010	4	7	0.0
2010	4	8	0.0
2010	4	9	0.0
2010	4	10	2.4
2010	4	11	0.0

Year	Month	Date	Rainfall (mm)
2010	4	12	0.0
2010	4	13	0.0
2010	4	14	0.0
2010	4	15	0.0
2010	4	16	0.0
2010	4	17	0.0
2010	4	18	18.5
2010	4	19	0.0
2010	4	20	3.0
2010	4	21	12.0
2010	4	22	0.0
2010	4	23	0.0
2010	4	24	6.0
2010	4	25	0.0
2010	4	26	0.0
2010	4	27	6.2
2010	4	28	0.0
2010	4	29	65.0
2010	4	30	55.0
2010	5	1	0.0
2010	5	2	0.0
2010	5	3	86.0
2010	5	4	50.0
2010	5	5	45.0
2010	5	6	34.0
2010	5	7	0.0
2010	5	8	0.0
2010	5	9	8.0
2010	5	10	0.0
2010	5	11	0.0
2010	5	12	0.0
2010	5	13	2.4
2010	5	14	0.0
2010	5	15	0.0
2010	5	16	4.0
2010	5	17	0.0
2010	5	18	3.0
2010	5	19	1.1
2010	5	20	0.0
2010	5	21	7.8

Year	Month	Date	Rainfall (mm)
2010	5	22	0.0
2010	5	23	4.5
2010	5	24	2.5
2010	5	25	1.5
2010	5	26	0.0
2010	5	27	0.0
2010	5	28	0.0
2010	5	29	0.0
2010	5	30	0.0
2010	5	31	3.5
2010	6	1	18.5
2010	6	2	21.8
2010	6	3	0.0
2010	6	4	12.4
2010	6	5	0.0
2010	6	6	8.0
2010	6	7	9.0
2010	6	8	0.0
2010	6	9	0.0
2010	6	10	0.0

ANNEXURE 4: AMBIENT AIR QUALITY MONITORING RESULTS

Sl No	Date	PM _{2.5}	PM ₁₀	SPM	SO ₂	NO _x	CO
AQ1: CCI Plant							
1	13.03.10	30	70	140	< 4.0	< 9.0	< 0.11
2	17.03.10	35	70	138	< 4.0	< 9.0	< 0.11
3	22.03.10	31	66	145	< 4.0	< 9.0	< 0.11
4	27.03.10	32	68	150	< 4.0	< 9.0	< 0.11
5	31.03.10	38	74	165	< 4.0	< 9.0	< 0.11
6	4.04.10	29	68	142	< 4.0	< 9.0	< 0.11
7	8.04.10	39	77	185	< 4.0	< 9.0	< 0.11
8	13.04.0	30	69	144	< 4.0	< 9.0	< 0.11
9	18.04.10	32	74	165	< 4.0	< 9.0	< 0.11
10	22.04.10	30	69	152	< 4.0	< 9.0	< 0.11
11	27.04.10	32	74	155	< 4.0	< 9.0	< 0.11
12	01.04.10	30	70	148	< 4.0	< 9.0	< 0.11
13	5.05.10	41	77	195	< 4.0	< 9.0	< 0.11
14	9.05.10	37	70	150	< 4.0	< 9.0	< 0.11
15	13.05.10	45	85	210	< 4.0	< 9.0	< 0.11
16	17.05.10	42	82	195	< 4.0	< 9.0	< 0.11
17	21.05.2010	40	75	175	< 4.0	< 9.0	< 0.11
18	24.05.2010	38	73	170	< 4.0	< 9.0	< 0.11
19	27.05.2010	41	78	200	< 4.0	< 9.0	< 0.11
20	30.05.2010	38	74	151	< 4.0	< 9.0	< 0.11
21	02.06.2010	40	75	165	< 4.0	< 9.0	< 0.11
22	05.06.2010	36	72	160	< 4.0	< 9.0	< 0.11
23	08.06.2010	35	75	147	< 4.0	< 9.0	< 0.11
24	11.06.2010	40	79	208	< 4.0	< 9.0	< 0.11
Mean		35.81	73.47	164.79	-	-	-
Maximun		45	85	210	-	-	-
Minimum		29	66	138	-	-	-
98 percentile		43.62	83.62	209.08	-	-	-
AQ2: CCI Colony							
Sl No	Date	PM _{2.5}	PM ₁₀	SPM	SO ₂	NO _x	CO
1	13.03.10	13	42	85	< 4.0	< 9.0	< 0.11

Sl No	Date	PM _{2.5}	PM ₁₀	SPM	SO ₂	NO _x	CO
2	17.03.10	11	33	60	< 4.0	< 9.0	< 0.11
3	22.03.10	11	34	59	< 4.0	< 9.0	< 0.11
4	27.03.10	12	39	88	< 4.0	< 9.0	< 0.11
5	31.03.10	12	38	82	< 4.0	< 9.0	< 0.11
6	4.04.10	13	34	81	< 4.0	< 9.0	< 0.11
7	8.04.10	18	50	105	< 4.0	< 9.0	< 0.11
8	13.04.0	15	51	106	< 4.0	< 9.0	< 0.11
9	18.04.10	16	52	100	< 4.0	< 9.0	< 0.11
10	22.04.10	17	56	98	< 4.0	< 9.0	< 0.11
11	27.04.10	18	52	99	< 4.0	< 9.0	< 0.11
12	01.04.10	16	48	95	< 4.0	< 9.0	< 0.11
13	5.05.10	17	57	101	< 4.0	< 9.0	< 0.11
14	9.05.10	14	45	95	< 4.0	< 9.0	< 0.11
15	13.05.10	13	34	85	< 4.0	< 9.0	< 0.11
16	17.05.10	16	49	92	< 4.0	< 9.0	< 0.11
17	21.05.2010	13	38	83	< 4.0	< 9.0	< 0.11
18	24.05.2010	17	51	103	< 4.0	< 9.0	< 0.11
19	27.05.2010	11	36	58	< 4.0	< 9.0	< 0.11
20	30.05.2010	18	43	80	< 4.0	< 9.0	< 0.11
21	02.06.2010	13	42	78	< 4.0	< 9.0	< 0.11
22	05.06.2010	17	58	100	< 4.0	< 9.0	< 0.11
23	08.06.2010	22	56	108	< 4.0	< 9.0	< 0.11
24	11.06.2010	11	36	79	< 4.0	< 9.0	< 0.11
Mean		14.70	44.75	88.33	-	-	-
Maximun		22	58	108	-	-	-
Minimum		11	33	58	-	-	-
98 percentile		20.16	57.54	107.08	-	-	-
AQ3:Village Amrajan							
Sl No	Date	PM _{2.5}	PM ₁₀	SPM	SO ₂	NO _x	CO
1	13.03.10	14	35	77	< 4.0	< 9.0	< 0.11
2	17.03.10	20	51	104	< 4.0	< 9.0	< 0.11
3	22.03.10	14	34	85	< 4.0	< 9.0	< 0.11
4	27.03.10	21	54	100	< 4.0	< 9.0	< 0.11
5	31.03.10	20	55	110	< 4.0	< 9.0	< 0.11
6	4.04.10	16	38	94	< 4.0	< 9.0	< 0.11
7	8.04.10	18	45	90	< 4.0	< 9.0	< 0.11
8	13.04.0	17	45	91	< 4.0	< 9.0	< 0.11
9	18.04.10	19	55	100	< 4.0	< 9.0	< 0.11
10	22.04.10	18	50	99	< 4.0	< 9.0	< 0.11
11	27.04.10	16	40	100	< 4.0	< 9.0	< 0.11
12	01.04.10	24	56	120	< 4.0	< 9.0	< 0.11
13	5.05.10	14	36	89	< 4.0	< 9.0	< 0.11

Sl No	Date	PM _{2.5}	PM ₁₀	SPM	SO ₂	NO _x	CO
14	9.05.10	16	37	98	< 4.0	< 9.0	< 0.11
15	13.05.10	20	50	109	< 4.0	< 9.0	< 0.11
16	17.05.10	22	58	115	< 4.0	< 9.0	< 0.11
17	21.05.2010	24	56	108	< 4.0	< 9.0	< 0.11
18	24.05.2010	18	45	77	< 4.0	< 9.0	< 0.11
19	27.05.2010	17	43	72	< 4.0	< 9.0	< 0.11
20	30.05.2010	15	35	69	< 4.0	< 9.0	< 0.11
21	02.06.2010	23	58	88	< 4.0	< 9.0	< 0.11
22	05.06.2010	19	51	86	< 4.0	< 9.0	< 0.11
23	08.06.2010	20	52	100	< 4.0	< 9.0	< 0.11
24	11.06.2010	13	36	59	< 4.0	< 9.0	< 0.11
Mean		18.24	46.44	93.33	–	–	–
Maximun		24	58	120	–	–	–
Minimum		13	34	59	–	–	–
98 percentile		24.00	58.00	117.7	–	–	–
AQ4: Village Gharialdubi							
Sl No	Date	PM _{2.5}	PM ₁₀	SPM	SO ₂	NO _x	CO
1	14.03.10	14	40	80	< 4.0	< 9.0	< 0.11
2	18.03.10	26	55	120	< 4.0	< 9.0	< 0.11
3	23.03.10	18	44	85	< 4.0	< 9.0	< 0.11
4	24.03.10	20	54	108	< 4.0	< 9.0	< 0.11
5	1.04.10	21	56	112	< 4.0	< 9.0	< 0.11
6	5.04.10	16	40	80	< 4.0	< 9.0	< 0.11
7	9.04.10	15	40	75	< 4.0	< 9.0	< 0.11
8	14.04.0	14	38	70	< 4.0	< 9.0	< 0.11
9	19.04.10	18	45	90	< 4.0	< 9.0	< 0.11
10	24.04.10	24	56	120	< 4.0	< 9.0	< 0.11
11	28.04.10	22	55	118	< 4.0	< 9.0	< 0.11
12	02.05.10	19	51	110	< 4.0	< 9.0	< 0.11
13	6.05.10	20	53	110	< 4.0	< 9.0	< 0.11
14	10.05.10	22	52	118	< 4.0	< 9.0	< 0.11
15	14.05.10	23	50	125	< 4.0	< 9.0	< 0.11
16	18.05.10	16	44	82	< 4.0	< 9.0	< 0.11
17	22.05.2010	14	39	77	< 4.0	< 9.0	< 0.11
18	25.05.2010	17	44	80	< 4.0	< 9.0	< 0.11
19	28.05.2010	20	55	112	< 4.0	< 9.0	< 0.11
20	31.05.2010	19	49	89	< 4.0	< 9.0	< 0.11
21	03.06.2010	23	51	113	< 4.0	< 9.0	< 0.11
22	06.06.2010	20	52	110	< 4.0	< 9.0	< 0.11
23	09.06.2010	16	42	83	< 4.0	< 9.0	< 0.11
24	12.06.2010	27	57	126	< 4.0	< 9.0	< 0.11

Sl No	Date	PM _{2.5}	PM ₁₀	SPM	SO ₂	NO _x	CO
Mean		19.33	48.42	99.71	–	–	–
Maximun		27	57	126	–	–	–
Minimum		14	38	70	–	–	–
98 percentile		26.54	56.54	125.54	–	–	–
AQ5:Golai Basti							
Sl No	Date	PM _{2.5}	PM ₁₀	SPM	SO ₂	NO _x	CO
1	14.03.10	15	43	108	< 4.0	< 9.0	< 0.11
2	18.03.10	20	54	135	< 4.0	< 9.0	< 0.11
3	23.03.10	14	36	90	< 4.0	< 9.0	< 0.11
4	24.03.10	15	42	104	< 4.0	< 9.0	< 0.11
5	1.04.10	16	42	111	< 4.0	< 9.0	< 0.11
6	5.04.10	13	34	85	< 4.0	< 9.0	< 0.11
7	9.04.10	15	40	100	< 4.0	< 9.0	< 0.11
8	14.04.0	14	37	92	< 4.0	< 9.0	< 0.11
9	19.04.10	13	38	94	< 4.0	< 9.0	< 0.11
10	24.04.10	12	50	126	< 4.0	< 9.0	< 0.11
11	28.04.10	14	38	88	< 4.0	< 9.0	< 0.11
12	02.05.10	19	47	118	< 4.0	< 9.0	< 0.11
13	6.05.10	13	42	105	< 4.0	< 9.0	< 0.11
14	10.05.10	14	41	102	< 4.0	< 9.0	< 0.11
15	14.05.10	13	39	92	< 4.0	< 9.0	< 0.11
16	18.05.10	12	33	83	< 4.0	< 9.0	< 0.11
17	22.05.2010	12	35	87	< 4.0	< 9.0	< 0.11
18	25.05.2010	13	38	100	< 4.0	< 9.0	< 0.11
19	28.05.2010	17	50	124	< 4.0	< 9.0	< 0.11
20	31.05.2010	15	44	110	< 4.0	< 9.0	< 0.11
21	03.06.2010	11	35	89	< 4.0	< 9.0	< 0.11
22	06.06.2010	14	40	98	< 4.0	< 9.0	< 0.11
23	09.06.2010	14	39	97	< 4.0	< 9.0	< 0.11
24	12.06.2010	12	40	101	< 4.0	< 9.0	< 0.11
Mean		14.20	40.68	101.63	–	–	–
Maximun		20	54	135	–	–	–
Minimum		11	33	83	–	–	–
98 percentile		19.54	52.34	130.86	–	–	–
AQ6: Bokajan Railway Station							
Sl No	Date	PM _{2.5}	PM ₁₀	SPM	SO ₂	NO _x	CO
1	14.03.10	18	42	100	< 4.0	< 9.0	< 0.11
2	18.03.10	18	45	107	< 4.0	< 9.0	< 0.11
3	23.03.10	19	48	114	< 4.0	< 9.0	< 0.11
4	24.03.10	21	52	124	< 4.0	< 9.0	< 0.11
5	1.04.10	17	46	109	< 4.0	< 9.0	< 0.11

Sl No	Date	PM _{2.5}	PM ₁₀	SPM	SO ₂	NO _x	CO
6	5.04.10	14	36	85	< 4.0	< 9.0	< 0.11
7	9.04.10	15	37	88	< 4.0	< 9.0	< 0.11
8	14.04.10	20	51	121	< 4.0	< 9.0	< 0.11
9	19.04.10	18	46	110	< 4.0	< 9.0	< 0.11
10	24.04.10	22	52	124	< 4.0	< 9.0	< 0.11
11	28.04.10	17	42	100	< 4.0	< 9.0	< 0.11
12	02.05.10	20	50	118	< 4.0	< 9.0	< 0.11
13	6.05.10	15	38	91	< 4.0	< 9.0	< 0.11
14	10.05.10	16	40	95	< 4.0	< 9.0	< 0.11
15	14.05.10	15	35	84	< 4.0	< 9.0	< 0.11
16	18.05.10	16	39	96	< 4.0	< 9.0	< 0.11
17	22.05.2010	16	41	84	< 4.0	< 9.0	< 0.11
18	25.05.2010	15	40	100	< 4.0	< 9.0	< 0.11
19	28.05.2010	17	42	101	< 4.0	< 9.0	< 0.11
20	31.05.2010	16	41	98	< 4.0	< 9.0	< 0.11
21	03.06.2010	15	37	87	< 4.0	< 9.0	< 0.11
22	06.06.2010	15	38	95	< 4.0	< 9.0	< 0.11
23	09.06.2010	20	49	117	< 4.0	< 9.0	< 0.11
24	12.06.2010	27	66	158	< 4.0	< 9.0	< 0.11
Mean		17.58	43.88	104.42	–	–	–
Maximun		27	66	158	–	–	–
Minimum		14	35	84	–	–	–
98 percentile		24.45	59.79	142.36	–	–	–

ANNEXURE 5: NOISE MONITORING RESULTS

Locations	CCI Plant	CCI Colony	Sukhanjan	Ghariaidubi
Time in Hrs.	Leq in dB (A)			
6:00	60.4	48.4	44.7	44.8
7:00	64.1	50.3	47.0	46.2
8:00	66.2	55.4	47.7	48.6
9:00	60.0	55.6	48.3	54.6
10:00	59.1	56.1	49.4	55.9
11:00	68.6	55.9	54.3	57.2
12:00	66.4	57.0	52.7	58.4
13:00	62.2	57.8	50.3	56.6
14:00	59.5	56.6	53.0	59.2
15:00	62.9	56.8	54.0	58.6
16:00	59.5	51.2	52.4	57.0
17:00	61.6	49.9	56.8	56.6
18:00	60.0	49.4	48.3	50.2
19:00	62.2	50.8	47.7	49.8
20:00	62.9	47.0	49.9	47.3
21:00	64.6	47.7	47.0	47.7
22:00	60.4	48.3	48.3	49.4
23:00	61.9	47.0	46.1	46.2
0:00	63.2	49.4	45.2	45.3
1:00	64.6	47.7	43.1	44.2
2:00	65.1	48.3	42.0	43.1
3:00	63.8	47.7	40.8	42.8
4:00	61.2	47.0	43.2	41.0
5:00	61.9	47.1	44.6	42.9

ANNEXURE 6: TRAFFIC MONITORING RESULTS

Time	Heavy Motor Vehicles (numbers)	Light Motor Vehicles (numbers)	Three Wheelers (numbers)	Two Wheelers (numbers)
06.00 – 07.00	7	9	0	13
07.00 – 08.00	11	13	3	16
08.00 – 09.00	8	16	8	12
09.00 – 10.00	13	28	11	37
10.00 – 11.00	9	33	2	73
11.00 – 12.00	18	42	10	80
12.00 – 13.00	21	45	8	76
13.00 – 14.00	10	52	4	85
14.00 – 15.00	15	60	6	56
15.00 – 16.00	9	42	4	73
16.00 – 17.00	7	30	5	52
17.00 – 18.00	13	28	3	47
18.00 – 19.00	16	19	4	39
19.00 – 20.00	17	10	0	25
20.00 – 21.00	9	6	0	10
21.00 – 22.00	6	5	0	7
22.00 – 23.00	8	3	0	5
23.00 – 24.00	5	1	0	0
00.00 – 01.00	4	0	0	0
01.00 – 02.00	3	0	0	0
02.00 – 03.00	6	0	0	0
03.00 – 04.00	7	1	0	0
04.00 – 05.00	9	3	0	0
05.00 – 06.00	6	7	1	10
Total	237	453	69	716

ANNEXURE 7: CHECKLIST OF FLORAL SPECIES IN THE STUDY AREA

Sl No.	Scientific Name	Common Name	Local Distribution
A.	Treee		
1.	<i>Callicarpa arborea</i>	Arhi-arong	Common
2.	<i>Cassia fistula</i>	Shonaru	Sporadic
3.	<i>Ficus hispida</i>	Ingthum	Abundant
4.	<i>Oroxlum indicum</i>	Nopak ban	Common
5.	<i>Sesbania grandiflora</i>	Bakphul	Sporadic
6.	<i>Sopondias pinnata</i>	Siming	Sporadic
7.	<i>Acacia auriculoformis</i>	Moj	Common
8.	<i>Aegle marmelos</i>	Bel	Common
9.	<i>Albizia lucida</i>	Sil karai	Abundant
10.	<i>Albizia odoratissima</i>	Siris	Abundant
11.	<i>Albizia procera</i>	Kalo Siris	Abundant
12.	<i>Alanthus grandii</i>	Borpat	Common
13.	<i>Alibizza lebbek</i>	Sirish	Abundant
14.	<i>Alistonia scholaris</i>	Satiana	Common
15.	<i>Annona squamosa</i>	Atlas	Abundant
16.	<i>Anthocephalus sinensis</i>	Kadam	Common
17.	<i>Areca catachu</i>	Tambol	Abundant
18.	<i>Artocarpus intergifolia</i>	Kathal	Abundant
19.	<i>Azadirachta indica</i>	Mahaneem	Common
20.	<i>Baccaurea sapida</i>	Leteku	Common
21.	<i>Bauhinia variegata</i>	Kanchan	Abundant
22.	<i>Biscofia javanica</i>	Uriam	Common
23.	<i>Bombax ceiba</i>	Simalu	Abundant
24.	<i>Borassus flabellifer</i>	Tal	Common
25.	<i>Butea monosperma</i>	Palas	Sporadic
26.	<i>Caeslpinia pulcherima</i>	Krishnasura	Common
27.	<i>Camellia sinensis</i>	Cha	Abundant
28.	<i>Calicarpa arborea</i>	--	Common
29.	<i>Canarium bengalensis</i>	Dhuna	Sporadic
30.	<i>Cassia siamea</i>		Common
31.	<i>Cayea arborea</i>	Kum	Common
32.	<i>Ceiba pentendra</i>	Swet Simul	Abundant
33.	<i>Cocoos nucifera</i>	Narikal	Common
34.	<i>Dalbergia sissoo</i>	Sisu	Common
35.	<i>Delonix regia</i>	Radhasura	Sporadic
36.	<i>Dillenia indica</i>	Outenga	Common
37.	<i>Erythrina variegata</i>	Modar	Abundant
38.	<i>Eucllyptus sp.</i>	--	Abundant
39.	<i>Eugenia pracco</i>	Bogijamu	Common
40.	<i>Ficus bengalensis</i>	Bat	Common

SI No.	Scientific Name	Common Name	Local Distribution
41.	<i>Gmelina arborea</i>	Gameri	Abundant
42.	<i>Gravelia robusta</i>	Solver oat	Common
43.	<i>Mangifera indica</i>	Aam	Abundant
44.	<i>Melia azedarch</i>	Ghoraneem	Common
45.	<i>Mesua ferrea</i>	Nahar	Common
46.	<i>Michelia champaca</i>	Titachopa	Common
47.	<i>Moringa oleifera</i>	Sajina	Common
48.	<i>Peltophorum pterocarpum</i>	Radhachura	Common
49.	<i>Phoenix sylvestris</i>	Khejur	Common
50.	<i>Phyllanthus embilica</i>	Amla	Common
51.	<i>Plumaria acutiafolia</i>	Katgolap	Common
52.	<i>Polyalthia longifolia</i>	Debadaru	Common
53.	<i>Pongamia pinnata</i>	Karach	Abundant
54.	<i>Psidium gujava</i>	Madhuriam	Abundant
55.	<i>Punica grantum</i>	Dalim	Common
56.	<i>Tactona grandis</i>	Segun	Common
57.	<i>Terminalia arjuna</i>	Arjun gosh	Abundant
58.	<i>Terminalia chebula</i>	Silikha	Abundant
59.	<i>Sorea robusta</i>	Sal	Common
B.	Shruba		
60.	<i>Abelmoschus moschustus</i>		Common
61.	<i>Abutilon indicum</i>		Common
62.	<i>Adhatoda zeylanica</i>	Jok-an-kelok	Common
63.	<i>Alpinia galangal</i>	Phrikangnek	Sporadic
64.	<i>Antidesmus acidum</i>	Ingchum	Sporadic
65.	<i>Calamus rotang</i>	Pri	Common
66.	<i>Clerodendrum indicum</i>	Bapnem-ai	Abundant
67.	<i>Clerodendrum serratum</i>	Phelang-riho	Common
68.	<i>Crataeva nurvala</i>	Mirbarun	Common
69.	<i>Cycas pectinata</i>		Sporadic
70.	<i>Lippie geminate</i>	Thengsakso	Common
71.	<i>Murraya koenigii</i>	Thengsakso	Common
72.	<i>Nyctanthes arbor-tristis</i>	Hewali	Common
73.	<i>Olex acuminata</i>	Hanboka	Common
74.	<i>Paederia foetida</i>	Rekang	Common
75.	<i>Persicaria microcephala</i>	Delap	Common
76.	<i>Phlogacanthus tubiflorus</i>	Jok-anke-et	Common
77.	<i>Solanum spirale</i>	Jok-ho	Common
78.	<i>Solanum torvum</i>	Theso-rongman	Common
79.	<i>Vitex negundo</i>	Vorke	Common
80.	<i>Zingiber zerumbet</i>	Phrilang dung	Common
81.	<i>Hibiscus rosa-sinensis</i>	Jaba	Abundant

SI No.	Scientific Name	Common Name	Local Distribution
82.	<i>Hibiscus vitifolius</i>	Bon-kapas	Common
83.	<i>Ixora coccinea</i>	Rangan	Abundant
84.	<i>Jatropha curcus</i>		Common
85.	<i>Lantana camera</i>	--	Abundant
86.	<i>Nerium indicum</i>	Karabi	Common
87.	<i>Nyethentes arbortristis</i>	Sewali	Common
88.	<i>Ricinus communis</i>	Rehri	Abundant
89.	<i>Rricinus cummunis</i>	Era goch	Abundant
90.	<i>Thevetia peruviana</i>	Kolkey	Abundant
C	Herbs		
91.	<i>Acmella paniculata</i>		Abundant
92.	<i>Alocasia macrorrhiza</i>	Henchala	Abundant
93.	<i>Alternanthera sessilis</i>	Raeaba	Abundant
94.	<i>Amorphophalus bulbifer</i>	Hen saluki	Abundant
95.	<i>Arisaema tortuosum</i>	Chamua	Sporadic
96.	<i>Beta vulgaris</i>	Belgali dido	Common
97.	<i>Cassia tora</i>	Bapduli	Sporadic
98.	<i>Chenopodium album</i>	Churu	Abundant
99.	<i>Commelina benghalensis</i>	Kurveng	Abundant
100.	<i>Curcuma amada</i>	Tharmit tharve	Abundant
101.	<i>Drymaria cordata</i>	Kur-vengso	Common
102.	<i>Ensete superbum</i>	Lobong	Sporadic
103.	<i>Homalomena aromatic</i>	Ok hi atehang	Sporadic
104.	<i>Hydrocotyle sibthoroides</i>	Chong amok	Common
105.	<i>Lasis spinosa</i>	Henru ehong	Common
106.	<i>Leucas aspera</i>	Chanrong aan	Abundant
107.	<i>Oxalis corniculata</i>	Vothung mekbop	Abundant
108.	<i>Physalia peruviana</i>	Thebong-kang	Abundant
109.	<i>Portulaca oleracea</i>	Chitu	Abundant
110.	<i>Portulaca quadrifida</i>	Vothung mekvoke-er	Abundant
111.	<i>Solanum nigrum</i>	Pharchingki	Common
112.	<i>Tagetes erecta</i>	Mir kadomphui	Common
113.	<i>Xanthium strumarium</i>	Parak hanthor	Common
D.	Climbers		
114.	<i>Abrus precatorius</i>		
115.	<i>Cissus quadrangularis</i>	Repich ingthun	Common
116.	<i>Deeringia amaranthoides</i>	Hanthai	Common
117.	<i>Dioscorea esculenta</i>	Ruipheng selu	Common
118.	<i>Dioscorea pentaphylla</i>	Ruipheng	Common
119.	<i>Dioscorea puber</i>	Rui-chilong	Common
120.	<i>Ipomes batatas</i>	Ruidok	Common
121.	<i>Clitorea tenata</i>	Aparajita	Common
122.	<i>Cuscut reflexa</i>	Akashilata	Common

SI No.	Scientific Name	Common Name	Local Distribution
123.	<i>Mikania scandens</i>	Nag	Sporadic
124.	<i>Paederia foetida</i>	Bhedai lata	Sporadic

ANNEXURE 8: CHECKLIST OF MAMMALIAN SPECIES IN THE STUDY AREA

Sl. No.	Scientific Name	Common Name	Study area	Wildlife Schedule
1.	<i>Bandicota Bengalensis</i>	Indian Mole Rat	+	
2.	<i>Cannomys Badius</i>	Bay Bamboo Rat	+	
3.	<i>Funambulus Palmuram</i>	Three-Striped Palm Squirrel	+	
4.	<i>Mus Musculus</i>	House Mouse	+	
5.	<i>Ory Ctolagus Coniculus</i>	Rabbit	+	
6.	<i>Pteropus Giganteus</i>	Indian Flying Fox	+	
7.	<i>Ratus Ratus</i>	Rat	+	
8.	<i>Canis Aureus</i>	Jackel	+	II
9.	<i>Felis Chaus</i>	Jungle Cat	+	II
10.	<i>Macaca Assamesensis</i>	Assamese Macaque	+	II
11.	<i>Macaca Mulatta</i>	Rhesus Macaque	+	II
12.	<i>Viverra Zibtha</i>	Large Indian Civet	+	II
13.	<i>Viverricula Indica</i>	Small Indian Civet	+	II
14.	<i>Herpestes Auropunctatus</i>	Small Indian Mongoose	+	III
15.	<i>Herpestes Edwardsi</i>	Common Mongoose	+	III
16.	<i>Sus Scrofa</i>	Wild Boar	+	III

ANNEXURE 9: CHECKLIST OF BIRDS IN THE STUDY AREA

Sl. No.	Scientific Name	Common Name	Plant site	Study area	Wildlife Schedule
1	<i>Acridotheres fuscus</i>	Jungle myna	+	+	IV
2	<i>Acridotheres tristis</i>	Common myna	+	+	IV
4	<i>Dendrocitta vagabunda</i>	Tree Pie	+		IV
7	<i>Orthotomus sutorius</i>	Common Tailorbird	+		IV

Sl. No.	Scientific Name	Common Name	Plant site	Study area	Wildlife Schedule
8	<i>Pycnonotus jocosus</i>	Red-whiskered Bulbul			IV
9	<i>Aegithina tiphia</i>	Common Iora			IV
10	<i>Anthus rufulus</i>	Paddyfield Pipit			IV
11	<i>Apus affinis</i>	House swift		+	IV
12	<i>Bubulcus ibis</i>	Cattle egret	+	+	IV
14	<i>Centropus sinensis</i>	Crow Pheasant			IV
15	<i>Chrysocolaptes festivus</i>	Blackbacked Woodpecker			IV
16	<i>Columba livia</i>	Blue Rock Pigeon			IV
17	<i>Copsychus saularis</i>	Magpie-Robin			IV
19	<i>Coracias bengalensis</i>	Indian roller	+	+	IV
20	<i>Corvus macrohynchos</i>	Jungle crow	+	+	IV
21	<i>Corvus splendens</i>	House crow	+	+	IV
22	<i>Cuculus sparveroides</i>	Cuckoo	+	+	IV
23	<i>Dicrurus adsimilis</i>	Black drongo	+	+	IV
27	<i>Estrilda amandava</i>	Red munia		+	IV
28	<i>Eudynamis scolopacea</i>	Koel	+	+	IV
29	<i>Gallus gallus</i>	Red jungle fowl		+	IV
32	<i>Magalaima franklinii</i>	Golden throated barbet		+	IV
33	<i>Merops orientalis</i>	Green bee eater	+	+	IV
34	<i>Micropternus brachyurus</i>	Rufus woodpecker		+	IV
35	<i>Milvus migrans lineatus</i>	Pariah kite		+	IV
36	<i>Nectarinia asiatica</i>	Purple sunbird	+	+	IV
37	<i>Oriolus oriolus</i>	Golden oriole		+	IV
39	<i>Passer domesticus</i>	House sparrow	+	+	IV
40	<i>Pericrocotus flammeus</i>	Scarlet minivet		+	IV
41	<i>Psittacula alexandri</i>	Red breasted parakeet	+	+	IV
42	<i>Psittacula krameri</i>	Rose-ringed parakeet	+	+	IV

Sl. No.	Scientific Name	Common Name	Plant site	Study area	Wildlife Schedule
43	<i>Pycnonotus cafer bengalensis</i>	Red ventured bulbul	+	+	IV
45	<i>Pycnonotus jocosus</i>	Red-whiskered bulbul		+	IV
46	<i>Spliornis cheela</i>	Crested-serpent eagle		+	IV
47	<i>Streptopelia chinensis</i>	Spotted dove	+	+	IV
48	<i>Sturnus contra</i>	Pied myna	+	+	IV
51	<i>Turdoides striatus</i>	Jungle babbler	+	+	IV
52	<i>Upupa epops</i>	Hoopoe	+	+	IV

ANNEXURE 10: CHECKLIST REPTILIAN FAUNA IN THE STUDY AREA

Sl. No.	Scientific Name	Common Name	Cement plant vicinity &	Study area	Wildlife Schedule
1.	<i>Gecko gecko</i>	Common gecko	+	+	
2.	<i>Hemidactylus flaviviridis</i>	House wall lizard		+	
3.	<i>Mabuya carinata</i>	Common skink	+	+	
4.	<i>Calotes versicolor</i>	Common garden lizard	+	+	
5.	<i>Naja naja</i>	Indian cobra		+	II
6.	<i>Bungarus fassiatatus</i>	Banded krait		+	
7.	<i>Ptyas mucosus</i>	Rat snake		+	II
8.	<i>Boiga Gokool</i>	Cat snake		+	
9.	<i>Dendrelaphis tristis</i>	Tree snake		+	
10.	<i>Ahaetulla nasutus</i>	Common green whip snake	+	+	

ANNEXURE 11: CHECKLIST OF ENDEMIC, ENDANGERED & THREATENED FAUNA

Wildlife Schedule	Sl. No.	Scientific Name	Common Name
B. Schedule II			
	A.1 : Mammals		
	A.1.1	<i>Canis aureus</i>	Jackel
	A.1.2	<i>Felis chaus</i>	Jungle Cat
	A.1.3	<i>Macaca assamesensis</i>	Assamese Macaque
	A.1.4	<i>Macaca mulatta</i>	Rhesus Macaque
	A.1.5	<i>Viverra zibtha</i>	Large Indian Civet
	A.1.6	<i>Viverricula indica</i>	Small Indian Civet
	A.1.7	<i>Vulpes bengalensis</i>	Indian Fox
	A. 2 : Reptiles		
	A.2.1	<i>Naja naja</i>	Indian Cobra
	A.2.2	<i>Ptyas mucosus</i>	Common Rat Snake

ANNEXURE 12: CHECKLIST OF MACROPHYTES IN THE STUDY AREA

Sl. No.	Scientific Name	Common Name	Local Distribution
1.	<i>Commelina benghalensis</i>	Kanasimolu	Abundant
2.	<i>Cyperus bravifolius</i>	--	Abundant
3.	<i>Cyperus rotendus</i>	Motha	Abundant
4.	<i>Cyperus rotendus</i>	--	Abundant
5.	<i>Eichornia Crassipes</i>	Meteka	Common
6.	<i>Hydrilla verticillata</i>	--	Abundant
7.	<i>Hydrocotyle asiatica</i>	Bor manimoni	Common
8.	<i>Ipomea aquatica</i>	Kalmau	Common
9.	<i>Lemna natans</i>	Sorupuni	Abundant
10.	<i>Monochoria hostata</i>	--	Abundant
11.	<i>Nyphaea totus</i>	Bhet	Common
12.	<i>Oplismenus sp.</i>	--	Common
13.	<i>Phargmites Karka</i>	Khagra	Common
14.	<i>Pistia stratiotes</i>	Barpuni	Abundant
15.	<i>Sagittari sagittifolia</i>	--	Abundant

Sl. No.	Scientific Name	Common Name	Local Distribution
16.	<i>Tridax procumbens</i>	--	Common
17.	<i>Typhonium trilobatum</i>	Samakachu	Common
18.	<i>Vallisneria sp.</i>	--	Common

[Source: Primary Survey Data, SENES, March 2010 & Forest Working Plan]

ANNEXURE 13: CHECKLIST OF FISHES IN THE STUDY AREA

Sl. No.	Scientific Name	Common Name	Local Status
1.	<i>Amplypharyngodon mola</i>	Mowa	Common
2.	<i>Anabas testudineus</i>	Koi	Abundant
3.	<i>Chanda nama</i>	Chanda	Abundant
4.	<i>Chanda ranga</i>	Chanda	Abundant
5.	<i>Channa gachua</i>	Cheng	Abundant
6.	<i>Channa marulius</i>	Sal	Abundant
7.	<i>Clarius batrachus</i>	Magur	Abundant
8.	<i>Colisa fasciatus</i>	Kholiana	Abundant
9.	<i>Heteropneustes fossilis</i>	Singhi	Common
10.	<i>Labeo bata</i>	Bhangon	Abundant
11.	<i>Mastacembelus armatus</i>	Bami	Abundant
12.	<i>Mastacembelus pancalus</i>	Tora	Abundant
13.	<i>Monopterusuchia</i>	Kuchia	Abundant
14.	<i>Mystus vittatus</i>	Lalthenga	Abundant
15.	<i>Notopterus notopterus</i>	Kandhuli	Abundant
16.	<i>Puntius chola</i>	Puthi	Abundant
17.	<i>Puntius conchoniis</i>	Puthi	Abundant
18.	<i>Puntius sophore</i>	Puthi	Abundant
19.	<i>Puntius Ticto</i>	Cheniputhi	Abundant

ANNEXURE 14: CHECKLIST OF AMPHIBIAN FAUNA IN THE STUDY AREA

Sl. No.	Scientific Name	Common Name	Cement Plant & vicinity	Study area	Wildlife Schedule
1	<i>Bufo melanostictus</i>	Common Indian Toad	+	+	
2	<i>Hoplobatrachus tigerinus</i>	Common Indian Bull Frog	+	+	
3	<i>Ploypedates leucomystax</i>	Tree Frog		+	
4	<i>Limnonectes limnocharis</i>	Field Frog	+	+	
5	<i>Microhyla ornata</i>	Grass Frog		+	

ANNEXURE 15: CHECKLIST OF AQUATIC REPTILES IN THE STUDY AREA

Sl. No.	Scientific Name	Common Name	Wildlife Schedule
1	<i>Varanus bengalensis</i>	Common Indian monitor	II
2	<i>Xenochrophis piscator</i>	Common pond snake	

ANNEXURE 16: CHECKLIST OF AQUATIC BIRDS IN THE STUDY AREA

Sl. No.	Scientific Name	Common Name	Wildlife Schedule
1	<i>Alcedo atthis</i>	Blue Kingfisher	IV
2	<i>Ardeola grayjee</i>	Pond heron	IV
3	<i>Egretta garzetta</i>	Little egret	IV
4	<i>Egretta intermedia</i>	Small egret	IV
5	<i>Halcyon smyrnensis</i>	White breasted kingfisher	IV
6	<i>Motacilla cinerea</i>	Gray wagtail	IV
7	<i>Motacilla flava</i>	Yellow wagtail	IV
8	<i>Phalacrocorax niger</i>	Little cormorant	IV

ANNEXURE 17: DEMOGRAPHIC PROFILE OF THE STUDY AREA VILLAGES

Sl No.	Villages	No. of Household	Total Population	Household Size	% of Male Population	% of Female Population	Sex Ratio	% SC Population	% ST Population
1	Dikrut	48	297	6.19	49.16	50.84	1034	0.00	61.28
2	Barmanthi 1,2	183	1005	5.49	53.93	46.07	854	0.00	37.11
3	Kawaram Taro	119	601	5.05	50.58	49.42	977	0.00	15.81
4	Chinthong	58	308	5.31	56.49	43.51	770	0.00	38.64
5	Bokajan Bazar	211	1195	5.66	55.31	44.69	808	2.93	0.00
6	Purna Pacca Ali	46	277	6.02	50.18	49.82	993	3.61	0.00
7	Kuhiar Bari 1,2	200	981	4.91	51.99	48.01	924	0.41	14.07
8	Gurial Dubi 1,2,3	669	3432	5.13	52.94	47.06	889	6.44	0.20
9	Matipul 1,2	595	3310	5.56	52.87	47.13	891	2.51	0.57
10	Khat Khati Pacca Field	478	2735	5.72	52.87	47.13	891	0.33	22.12
11	Khat Khati Tila Bosti	397	2082	5.24	56.63	43.37	766	0.38	3.41
12	Laharijan Natun Bosti	882	4268	4.84	54.45	45.55	836	0.37	1.62
13	Laharijan Bazar 1,2	109	435	3.99	61.61	38.39	623	0.00	1.15
14	Laharijan Basti	389	2167	5.57	53.02	46.98	886	0.88	1.29
15	Bokajan (TC)	2996	14219	4.75	53.92	46.08	855	1.57	5.83

ANNEXURE 18: LITERACY PROFILE IN THE STUDY VILLAGES

Sl. No.	Villages	Total Population	Population Literate (%)	Male Literate (%)	Female Literate (%)	Population Illiterate (%)
1	Dikrut	297	37.04	50.68	23.84	62.96
2	Barmanthi 1,2	1005	28.76	31.37	25.70	71.24
3	Kawaram Taro	601	51.75	61.51	41.75	48.25
4	Chinthong	308	48.38	55.75	38.81	51.62
5	Bokajan Bazar	1195	66.78	69.74	63.11	33.22
6	Purna Pacca Ali	277	56.68	62.59	50.72	43.32
7	Kuhiar Bari 1,2	981	65.75	72.75	58.17	34.25
8	Gurial Dubi 1,2,3	3432	59.73	67.14	51.39	40.27
9	Matipul 1,2	3310	34.86	43.09	25.64	65.14
10	Khat Khati Pacca Field	2735	55.61	63.49	46.78	44.39
11	Khat Khati Tila Bosti	2082	36.89	43.17	28.68	63.11
12	Laharijan Natun Bosti	4268	36.62	41.82	30.40	63.38
13	Laharijan Bazar 1,2	435	47.36	55.22	34.73	52.64
14	Laharijan Basti	2167	56.85	63.62	49.21	43.15
15	Bokajan (TC)	14219	71.76	76.25	66.50	28.24

ANNEXURE 19: WORKFORCE PARTICIPATION IN THE STUDY VILLAGES

Sl. No.	Villages	Cultivators		Agricultural Labourers		Household Industries		Other Workers	
		No.	(%)	No.	(%)	No.	(%)	No.	(%)
1	Dikrut	117	98.32	0	0.00	2	1.68	0	0.00
2	Barmanthi 1,2	126	34.62	148	40.66	36	9.89	54	14.84
2	Kawaram Taro	26	12.09	43	20.00	2	0.93	144	66.98
4	Chinthong	25	15.72	117	73.58	6	3.77	11	6.92
5	Bokajan Bazar	28	7.49	10	2.67	6	1.60	330	88.24
6	Purna Pacca Ali	0	0.00	27	33.75	0	0.00	53	66.25
7	Kuhiar Bari 1,2	46	14.47	35	11.01	5	1.57	232	72.96
8	Gurial Dubi 1,2,3	247	21.74	100	8.80	2	0.18	787	69.28
9	Matipul 1,2	874	60.57	202	14.00	5	0.35	362	25.09
10	Khat Khati Pacca Field	343	38.03	149	16.52	46	5.10	364	40.35
11	Khat Khati Tila Bosti	145	17.73	9	1.10	49	5.99	615	75.18
12	Laharijan Natun Bosti	12	0.86	38	2.71	135	9.64	1215	86.79
13	Laharijan Bazar 1,2	2	0.90	0	0.00	32	14.48	187	84.62
14	Laharijan Basti	76	11.09	40	5.84	7	1.02	562	82.04
15	Bokajan (TC)	56	1.32	126	2.97	91	2.14	3975	93.57

ANNEXURE 20: LIST OF SECTOR ACCREDITATED BY QCI/NABET

<i>Sl. No.</i>	<i>Name of Sector</i>	<i>Category</i>
1	Mining of minerals including opencast/ underground mining	A
2	Offshore & onshore oil & gas exploration, development & production	A
3	Thermal power plants	B
4	Cement plants	A
5	Pesticides industry and pesticide specific intermediates (excluding formulations)	A
6	Oil & gas transportation pipeline (crude and refinery/ petrochemical products), passing through national parks/ sanctuaries/ coral reefs/ ecologically sensitive areas including LNG terminal	A
7	Air ports	A
8	Industrial estates/parks/ complexes/ area, export processing Zones (EPZs), Special Economic Zones (SEZs), Biotech Parks, Leather Complexes	A
9	Common hazardous waste treatment, storage and disposal facilities (TSDFs)	A
10	Highways, railways, transport terminals, mass rapid transport systems	A
11	Aerial ropeways	A
12	Common Municipal Solid Waste management Facility (CMSWMF)	B
13	Building and large construction projects including shopping malls, multiplexes, commercial complexes, housing estates, hospitals, institutions	B
14	Townships and Area development projects	B