

## Weekly Statistics Report

**File:** met2006.qaf  
**Path:** C:\Toms\Interactive Oceanographics\Smithsonian\web\dataarchives\DatFiles\2006\  
**Parameters:** 6 shown of 8  
**Samples:** 42000  
**Sample interval:** 600 seconds  
**Time Span:** 01/01/2006 01:01:24 to 01/01/2007 00:51:24 (365.00 days)

**Name:** Merged  
**Device Type:** 6200  
**Serial No:** 0135-MET  
**Version:** 1

Week of January 01, 2006 (1002 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	13.2379	2.4800	32.4000	3.9581	4.9991	1002	100.00
Rel.Humidity (%)	74.9720	44.6200	97.8500	7.4088	10.0515	1002	100.00
Air Temp (°C)	25.3739	20.1260	27.8000	1.7154	2.0318	1002	100.00
Rain Rate (cm/hr)	.0120	.0000	2.7432	.0236	.1315	1002	100.00
Solar Rad (W/m^2)	167.3092	2.6000	950.8000	202.1849	251.3761	1002	100.00
Barometer (mBar)	1013.6488	1008.0300	1022.6200	2.7407	3.4645	1002	100.00

Week of January 08, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	11.2685	.1500	28.8200	4.4652	5.5992	1008	100.00
Rel.Humidity (%)	79.2414	51.5500	97.9600	6.8184	8.7767	1008	100.00
Air Temp (°C)	24.5063	19.6810	28.9770	1.4303	1.7972	1008	100.00
Rain Rate (cm/hr)	.0181	.0000	4.1148	.0350	.1610	1008	100.00
Solar Rad (W/m^2)	171.6370	2.6000	992.1000	210.2998	257.1007	1008	100.00
Barometer (mBar)	1013.9097	1009.3200	1020.2300	2.0717	2.5223	1008	100.00

Week of January 15, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	12.6341	1.1800	38.7800	5.8786	7.3049	1008	100.00
Rel.Humidity (%)	72.8282	49.8400	96.9600	9.0187	10.8899	1008	100.00
Air Temp (°C)	23.7621	18.1760	27.3110	1.7581	2.1161	1008	100.00
Rain Rate (cm/hr)	.0080	.0000	1.3716	.0156	.0680	1008	100.00
Solar Rad (W/m^2)	158.0649	2.6000	934.7000	197.5724	256.9252	1008	100.00
Barometer (mBar)	1014.0485	1007.0200	1023.5000	3.2038	3.8681	1008	100.00

Week of January 22, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	14.9528	.1900	35.6800	4.0078	5.1638	1008	100.00
Rel.Humidity (%)	83.9383	66.9900	98.8400	6.4221	7.7790	1008	100.00
Air Temp (°C)	24.9083	21.5790	27.2720	1.1196	1.2743	1008	100.00
Rain Rate (cm/hr)	.0999	.0000	6.7056	.1707	.5023	1008	100.00
Solar Rad (W/m^2)	94.0592	2.4000	990.4000	117.1521	161.1707	1008	100.00
Barometer (mBar)	1013.7915	1009.5500	1018.8900	2.2719	2.5774	1008	100.00

Week of January 29, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	10.7060	.0000	28.8200	3.5527	4.3856	1008	100.00
Rel.Humidity (%)	80.1654	64.9900	97.7600	4.1256	5.3524	1008	100.00
Air Temp (°C)	26.1946	22.7010	29.3420	.4885	.6842	1008	100.00
Rain Rate (cm/hr)	.0076	.0000	4.5720	.0150	.1532	1008	100.00
Solar Rad (W/m^2)	195.8940	2.1000	951.8000	232.2234	277.8054	1008	100.00
Barometer (mBar)	1009.3174	1002.9200	1014.9600	2.6627	3.1201	1008	100.00

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Week of February 05, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	14.8957	.0000	34.9200	5.3657	6.6447	1008	100.00
Rel.Humidity (%)	73.2710	56.7600	95.3500	8.0250	9.5239	1008	100.00
Air Temp (°C)	24.2062	20.5240	30.8920	1.2410	1.5789	1008	100.00
Rain Rate (cm/hr)	.0048	.0000	1.0668	.0095	.0497	1008	100.00
Solar Rad (W/m^2)	153.2065	2.1000	989.6000	184.8469	240.4697	1008	100.00
Barometer (mBar)	1015.2475	1010.1900	1019.6100	1.7492	2.1112	1008	100.00

Week of February 12, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	15.9016	.6600	35.1900	5.7456	7.2696	1008	100.00
Rel.Humidity (%)	70.7931	46.9000	90.5600	7.4787	9.0469	1008	100.00
Air Temp (°C)	23.5231	18.3500	26.8890	2.2937	2.5301	1008	100.00
Rain Rate (cm/hr)	.0023	.0000	2.1336	.0045	.0674	1008	100.00
Solar Rad (W/m^2)	208.3010	1.8000	1087.2000	255.2678	304.7935	1008	100.00
Barometer (mBar)	1017.1101	1010.8000	1027.1700	3.5267	4.1606	1008	100.00

Week of February 19, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	15.9713	.0000	28.4100	3.3198	4.2649	1008	100.00
Rel.Humidity (%)	76.5081	66.4700	93.2100	2.9142	3.7375	1008	100.00
Air Temp (°C)	25.9984	23.1320	27.2090	.5267	.7358	1008	100.00
Rain Rate (cm/hr)	.0024	.0000	1.5240	.0048	.0508	1008	100.00
Solar Rad (W/m^2)	237.8265	1.7000	1317.6000	279.7839	326.1047	1008	100.00
Barometer (mBar)	1013.2268	1009.3500	1018.2200	1.7436	2.0452	1008	100.00

Week of February 26, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	11.4164	.0000	27.0200	3.0105	4.0100	1008	100.00
Rel.Humidity (%)	76.5374	64.9000	98.6200	4.2879	5.7566	1008	100.00
Air Temp (°C)	25.8067	21.3150	29.0960	.8511	1.1973	1008	100.00
Rain Rate (cm/hr)	.0094	.0000	3.9624	.0184	.1355	1008	100.00
Solar Rad (W/m^2)	232.8842	2.1000	1023.8000	278.4633	326.8471	1008	100.00
Barometer (mBar)	1014.3746	1010.1800	1019.3300	1.7035	2.0408	1008	100.00

Week of March 05, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	14.3041	1.8300	32.9800	3.9359	5.2755	1008	100.00
Rel.Humidity (%)	71.6658	52.2900	90.9700	6.4061	7.6159	1008	100.00
Air Temp (°C)	26.1871	23.6110	27.7430	.5385	.6861	1008	100.00
Rain Rate (cm/hr)	.0006	.0000	.6096	.0012	.0192	1008	100.00
Solar Rad (W/m^2)	272.3334	2.3000	1077.4000	312.7809	351.4115	1008	100.00
Barometer (mBar)	1013.3586	1006.0500	1019.5800	3.8195	4.1678	1008	100.00

Week of March 12, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	16.1618	6.9000	30.5800	3.5754	4.4722	1008	100.00
Rel.Humidity (%)	74.8459	65.4400	82.8500	3.1409	3.8639	1008	100.00
Air Temp (°C)	26.5495	25.6440	27.5110	.3851	.4583	1008	100.00
Rain Rate (cm/hr)	.0000	.0000	.0000	.0000	.0000	1008	100.00
Solar Rad (W/m^2)	269.1535	2.6000	1064.5000	310.1376	349.9523	1008	100.00
Barometer (mBar)	1012.9845	1007.7400	1017.5200	2.1537	2.5213	1008	100.00

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Week of March 19, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	14.0978	.0000	35.1800	4.2465	5.7647	1008	100.00
Rel.Humidity (%)	76.8728	53.1600	98.4200	5.0564	6.6585	1008	100.00
Air Temp (°C)	26.3390	22.2750	30.3560	.8471	1.2608	1008	100.00
Rain Rate (cm/hr)	.0092	.0000	4.4196	.0183	.1559	1008	100.00
Solar Rad (W/m <sup>2</sup> )	257.4304	.3000	1081.2000	295.4448	340.5649	1008	100.00
Barometer (mBar)	1010.9489	1005.2700	1018.3700	2.6420	3.2257	1008	100.00

Week of March 26, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	16.0365	1.5900	24.5400	3.5017	4.5234	1008	100.00
Rel.Humidity (%)	74.1777	53.6200	98.5100	7.1470	8.5325	1008	100.00
Air Temp (°C)	25.7942	21.2100	27.3470	.8679	1.1811	1008	100.00
Rain Rate (cm/hr)	.0118	.0000	3.9624	.0232	.1616	1008	100.00
Solar Rad (W/m <sup>2</sup> )	239.6087	1.3000	1177.2000	279.7491	327.0364	1008	100.00
Barometer (mBar)	1015.3119	1011.7400	1019.2800	1.3341	1.6487	1008	100.00

Week of April 02, 2006 (1007 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	12.2523	.2200	23.1200	3.8601	4.6716	1007	100.00
Rel.Humidity (%)	66.3134	46.0100	82.8700	7.2666	8.5609	1007	100.00
Air Temp (°C)	26.5742	24.5920	29.2180	.5979	.7484	1007	100.00
Rain Rate (cm/hr)	.0000	.0000	.0000	.0000	.0000	1007	100.00
Solar Rad (W/m <sup>2</sup> )	290.7747	4.6000	1099.2000	327.3580	366.9978	1007	100.00
Barometer (mBar)	1011.8342	1006.0800	1016.8400	2.5454	2.9229	1007	100.00

Week of April 09, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	8.9194	.0000	27.2000	4.0966	5.0477	1008	100.00
Rel.Humidity (%)	69.1362	53.0500	94.0600	5.7638	7.8906	1008	100.00
Air Temp (°C)	26.3330	20.6230	30.2760	.9092	1.3347	1008	100.00
Rain Rate (cm/hr)	.0307	.0000	4.2672	.0599	.2810	1008	100.00
Solar Rad (W/m <sup>2</sup> )	261.9792	3.3000	1199.6000	302.4387	348.6997	1008	100.00
Barometer (mBar)	1012.5696	1008.0800	1016.2200	1.6154	1.9486	1008	100.00

Week of April 16, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	13.1890	2.1600	25.3200	3.7783	4.5711	1008	100.00
Rel.Humidity (%)	76.2762	63.4300	86.2500	3.4378	4.3862	1008	100.00
Air Temp (°C)	27.6501	26.2360	29.5700	.4554	.5877	1008	100.00
Rain Rate (cm/hr)	.0000	.0000	.0000	.0000	.0000	1008	100.00
Solar Rad (W/m <sup>2</sup> )	268.1813	3.3000	1001.3000	302.7172	343.7480	1008	100.00
Barometer (mBar)	1008.5309	1004.1900	1013.2800	1.7962	2.1412	1008	100.00

Week of April 23, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	14.9116	5.0300	21.7300	2.5403	3.2934	1008	100.00
Rel.Humidity (%)	73.6821	66.4100	79.5200	1.9328	2.4269	1008	100.00
Air Temp (°C)	27.7984	27.1750	29.2820	.3354	.4026	1008	100.00
Rain Rate (cm/hr)	.0000	.0000	.0000	.0000	.0000	1008	100.00
Solar Rad (W/m <sup>2</sup> )	345.1172	2.0000	1133.7000	323.9987	357.6581	802	79.56
Barometer (mBar)	1010.7260	1007.7500	1013.6200	1.0480	1.3105	1008	100.00

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Week of April 30, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	15.1204	5.1500	25.1700	2.7946	3.5203	1008	100.00
Rel.Humidity (%)	68.0314	58.5800	80.4700	3.3623	4.3133	1008	100.00
Air Temp (°C)	27.4930	26.6890	28.4720	.3464	.4149	1008	100.00
Rain Rate (cm/hr)	.0000	.0000	.0000	.0000	.0000	1008	100.00
Solar Rad (W/m <sup>2</sup> )	290.2877	1.5000	1054.6000	312.3565	351.5879	953	94.54
Barometer (mBar)	1011.4525	1006.7400	1014.7600	1.3631	1.6921	1008	100.00

Week of May 07, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	12.7600	3.9400	23.4900	3.3580	4.0457	1008	100.00
Rel.Humidity (%)	76.6301	67.8100	83.3700	2.6984	3.1551	1008	100.00
Air Temp (°C)	28.2937	27.5180	30.3410	.3589	.4554	1008	100.00
Rain Rate (cm/hr)	.0000	.0000	.0000	.0000	.0000	1008	100.00
Solar Rad (W/m <sup>2</sup> )	260.0276	1.5000	1053.3000	293.4873	333.7225	1008	100.00
Barometer (mBar)	1009.0718	1005.9700	1012.4400	1.1629	1.4471	1008	100.00

Week of May 14, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	11.5844	.0000	21.0800	3.3701	4.1843	1008	100.00
Rel.Humidity (%)	67.5872	49.8400	92.7100	5.1737	6.3538	1008	100.00
Air Temp (°C)	27.6327	22.7920	31.5640	.8513	1.1618	1008	100.00
Rain Rate (cm/hr)	.0064	.0000	1.2192	.0125	.0652	1008	100.00
Solar Rad (W/m <sup>2</sup> )	259.3302	2.5000	1196.9000	292.4989	339.1976	1008	100.00
Barometer (mBar)	1011.4959	1006.1600	1015.4100	1.7525	2.0754	1008	100.00

Week of May 21, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	13.2757	.0000	36.2300	4.3520	5.2111	1008	100.00
Rel.Humidity (%)	77.5687	64.6400	94.0600	4.5913	6.2019	1008	100.00
Air Temp (°C)	27.3767	22.1560	29.6840	1.1081	1.4367	1008	100.00
Rain Rate (cm/hr)	.0750	.0000	9.1440	.1324	.4588	1008	100.00
Solar Rad (W/m <sup>2</sup> )	181.7004	3.7000	1055.4000	217.2059	277.5017	1008	100.00
Barometer (mBar)	1010.3836	1007.3400	1014.4300	1.0845	1.3682	1008	100.00

Week of May 28, 2006 (1009 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	14.2531	4.5000	23.5000	2.7909	3.4379	1009	100.00
Rel.Humidity (%)	75.2390	66.2600	86.6300	2.2826	2.9639	1009	100.00
Air Temp (°C)	28.3749	26.0800	29.2760	.2809	.3373	1009	100.00
Rain Rate (cm/hr)	.0005	.0000	.3048	.0009	.0107	1009	100.00
Solar Rad (W/m <sup>2</sup> )	268.4332	1.3000	1191.1000	295.9575	338.9675	1007	99.80
Barometer (mBar)	1010.4942	1008.1800	1012.4700	.8112	.9731	1009	100.00

Week of June 04, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	7.1948	.0000	20.8200	2.5011	3.1333	1008	100.00
Rel.Humidity (%)	79.8083	60.7500	99.0800	5.2094	7.0673	1008	100.00
Air Temp (°C)	27.7144	23.5640	31.2770	1.0509	1.3848	1008	100.00
Rain Rate (cm/hr)	.0446	.0000	4.2672	.0829	.2642	1008	100.00
Solar Rad (W/m <sup>2</sup> )	209.3543	2.3000	1127.7000	239.6546	293.4855	1008	100.00
Barometer (mBar)	1008.1766	1004.8800	1011.6500	1.0693	1.3426	1008	100.00

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Week of June 11, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	11.6548	.0000	30.7200	6.5227	7.3104	1008	100.00
Rel.Humidity (%)	79.3245	68.3800	99.0300	3.8302	5.3520	1008	100.00
Air Temp (°C)	28.2528	23.6230	30.9390	.9110	1.2197	1008	100.00
Rain Rate (cm/hr)	.0110	.0000	3.6576	.0217	.1499	1008	100.00
Solar Rad (W/m^2)	268.9016	.1000	1079.5000	289.9569	331.9257	995	98.71
Barometer (mBar)	1009.9616	1006.3300	1012.7100	1.1516	1.4110	1008	100.00

Week of June 18, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	13.3840	.0000	37.1000	3.6711	4.8202	1008	100.00
Rel.Humidity (%)	81.1765	71.1000	99.3700	5.2650	7.0583	1008	100.00
Air Temp (°C)	27.6085	22.3230	29.6550	1.4263	1.7388	1008	100.00
Rain Rate (cm/hr)	.0712	.0000	4.7244	.1270	.3669	1008	100.00
Solar Rad (W/m^2)	273.8486	.0000	1157.6000	257.1397	309.5580	737	73.12
Barometer (mBar)	1012.1214	1009.5700	1015.4100	.9087	1.0899	1008	100.00

Week of June 25, 2006 (856 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	12.8533	.1200	32.8300	4.1389	5.1496	856	100.00
Rel.Humidity (%)	72.3227	61.2400	99.0000	5.9236	7.7648	856	100.00
Air Temp (°C)	28.2778	23.0290	30.7760	1.2114	1.5763	856	100.00
Rain Rate (cm/hr)	.0290	.0000	3.5052	.0547	.1974	856	100.00
Solar Rad (W/m^2)	262.3282	3.0000	1119.6000	292.8825	336.3164	856	100.00
Barometer (mBar)	1011.3897	1008.6400	1013.5000	1.0328	1.2183	856	100.00

Week of August 13, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	11.9368	.3000	26.3400	4.1486	4.9180	1008	100.00
Rel.Humidity (%)	67.4744	51.2200	89.1200	3.3601	4.3513	1008	100.00
Air Temp (°C)	29.1293	25.7700	32.6840	.5071	.6798	1008	100.00
Rain Rate (cm/hr)	.0038	.0000	2.1336	.0075	.0723	1008	100.00
Solar Rad (W/m^2)	294.4827	9.1000	1108.8000	320.3178	361.7507	1008	100.00
Barometer (mBar)	1011.8645	1008.3100	1014.3400	1.0155	1.2646	1008	100.00

Week of August 20, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	16.0130	1.2300	30.9800	3.5165	4.5271	1008	100.00
Rel.Humidity (%)	68.9584	56.6400	91.6200	2.9555	4.0331	1008	100.00
Air Temp (°C)	29.0946	24.3220	32.2550	.4437	.7189	1008	100.00
Rain Rate (cm/hr)	.0112	.0000	1.8288	.0219	.1037	1008	100.00
Solar Rad (W/m^2)	261.8516	7.7000	1201.0000	286.2807	335.4934	1008	100.00
Barometer (mBar)	1011.2616	1008.3000	1014.3200	1.1561	1.3910	1008	100.00

Week of August 27, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	9.6701	.0000	26.5300	3.9008	4.7496	1008	100.00
Rel.Humidity (%)	69.2163	54.0700	91.5900	3.3861	4.7943	1008	100.00
Air Temp (°C)	29.0684	24.0620	32.7220	.7016	1.0974	1008	100.00
Rain Rate (cm/hr)	.0119	.0000	4.5720	.0234	.1660	1008	100.00
Solar Rad (W/m^2)	268.0504	3.0000	1143.2001	299.6412	348.4547	1008	100.00
Barometer (mBar)	1009.9698	1007.2500	1012.2500	.9634	1.1705	1008	100.00

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Week of September 03, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	10.2351	.0000	32.9400	3.8798	4.7827	1008	100.00
Rel.Humidity (%)	68.9075	54.1700	92.0800	3.9484	5.6900	1008	100.00
Air Temp (°C)	28.8492	22.9070	32.2970	.8352	1.2336	1008	100.00
Rain Rate (cm/hr)	.0136	.0000	4.7244	.0266	.1675	1008	100.00
Solar Rad (W/m^2)	272.7166	17.2000	1198.6001	291.0233	338.7111	1008	100.00
Barometer (mBar)	1011.1914	1006.9000	1014.4600	1.1845	1.4938	1008	100.00

Week of September 10, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	11.6316	.0000	32.4000	4.5205	5.4312	1008	100.00
Rel.Humidity (%)	70.0288	52.5100	92.4100	4.5519	6.6430	1008	100.00
Air Temp (°C)	28.9171	23.4210	32.9390	.9599	1.4029	1008	100.00
Rain Rate (cm/hr)	.0646	.0000	9.9060	.1239	.6021	1008	100.00
Solar Rad (W/m^2)	265.2442	28.1000	1129.1001	276.5566	323.3034	1008	100.00
Barometer (mBar)	1010.7982	1006.9900	1013.5600	1.1136	1.3592	1008	100.00

Week of September 17, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	15.5326	2.1900	31.6000	3.3717	4.3599	1008	100.00
Rel.Humidity (%)	67.3002	56.4100	80.8800	2.8568	3.5814	1008	100.00
Air Temp (°C)	29.4220	26.9200	30.9130	.3286	.4396	1008	100.00
Rain Rate (cm/hr)	.0008	.0000	.4572	.0015	.0159	1008	100.00
Solar Rad (W/m^2)	307.6813	29.5000	1093.5000	319.3077	356.6460	1008	100.00
Barometer (mBar)	1010.1300	1007.2300	1012.6100	1.0615	1.2613	1008	100.00

Week of September 24, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	10.6326	.0000	26.5100	3.8088	4.5123	1008	100.00
Rel.Humidity (%)	71.3529	55.8400	92.3100	4.9159	6.6289	1008	100.00
Air Temp (°C)	28.1006	23.0150	30.3220	1.2047	1.5035	1008	100.00
Rain Rate (cm/hr)	.0325	.0000	5.4864	.0616	.2631	1008	100.00
Solar Rad (W/m^2)	212.2088	27.5000	1265.8000	224.7353	283.9882	1008	100.00
Barometer (mBar)	1011.8598	1008.2800	1014.7100	1.2100	1.4708	1008	100.00

Week of October 01, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	9.5264	.0000	27.9600	3.2162	4.0467	1008	100.00
Rel.Humidity (%)	77.4511	60.1700	92.5200	5.5752	6.9918	1008	100.00
Air Temp (°C)	27.0858	23.2660	29.7110	1.1068	1.3525	1008	100.00
Rain Rate (cm/hr)	.0863	.0000	7.3152	.1511	.4289	1008	100.00
Solar Rad (W/m^2)	124.3217	3.8000	1300.1000	154.3296	215.3837	1008	100.00
Barometer (mBar)	1011.0416	1006.9000	1014.3900	1.4130	1.6977	1008	100.00

Week of October 08, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	11.0435	.0000	25.8600	4.0390	4.7890	1008	100.00
Rel.Humidity (%)	77.4954	60.2900	92.8100	5.7060	6.9750	1008	100.00
Air Temp (°C)	27.8663	23.1610	30.8990	1.5770	1.8216	1008	100.00
Rain Rate (cm/hr)	.1058	.0000	7.7724	.1873	.5712	1008	100.00
Solar Rad (W/m^2)	166.1414	3.4000	934.0000	211.4404	268.6413	1008	100.00
Barometer (mBar)	1009.6601	1006.0900	1013.9800	1.2505	1.5668	1008	100.00

## Weekly Statistics Report

Week of October 15, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	12.9331	.0000	22.8200	3.6712	4.4567	1008	100.00
Rel.Humidity (%)	69.4048	52.1900	89.9200	4.0434	5.4097	1008	100.00
Air Temp (°C)	29.4539	24.7020	32.3240	.5237	.7396	1008	100.00
Rain Rate (cm/hr)	.0032	.0000	1.5240	.0063	.0597	1008	100.00
Solar Rad (W/m <sup>2</sup> )	244.6151	3.8000	1092.0000	281.5503	321.2537	1008	100.00
Barometer (mBar)	1007.1615	1004.0900	1010.5900	1.1288	1.3870	1008	100.00

Week of October 22, 2006 (969 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	9.4437	.7500	28.6000	3.5453	4.8571	969	100.00
Rel.Humidity (%)	72.5570	60.2400	92.2800	4.2942	5.6149	969	100.00
Air Temp (°C)	28.3491	23.0000	30.9510	.8950	1.1718	969	100.00
Rain Rate (cm/hr)	.0189	.0000	2.7432	.0367	.1615	969	100.00
Solar Rad (W/m <sup>2</sup> )	189.6223	3.0000	1247.9000	231.4568	285.8778	969	100.00
Barometer (mBar)	1011.3627	1007.7300	1015.6500	1.3025	1.6317	969	100.00

Week of October 29, 2006 (720 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	11.5939	.0000	28.6300	4.7061	5.5568	720	100.00
Rel.Humidity (%)	75.6499	53.5000	99.9400	10.8231	13.0595	720	100.00
Air Temp (°C)	25.9768	22.4190	28.0720	1.0223	1.1927	720	100.00
Rain Rate (cm/hr)	.1308	.0000	8.9916	.2369	.7184	720	100.00
Solar Rad (W/m <sup>2</sup> )	116.6399	3.0000	963.2000	142.7961	195.1480	720	100.00
Barometer (mBar)	1013.0769	1007.9300	1017.6700	1.7582	2.1226	720	100.00

Week of December 03, 2006 (1007 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	17.6467	.7400	32.9000	4.9742	6.0798	1007	100.00
Rel.Humidity (%)	86.1455	71.1400	99.8400	4.5037	5.5563	1007	100.00
Air Temp (°C)	24.5400	21.7280	27.3330	.9734	1.2075	1007	100.00
Rain Rate (cm/hr)	.0521	.0000	2.8956	.0941	.2427	1007	100.00
Solar Rad (W/m <sup>2</sup> )	111.7678	6.6000	949.3000	133.2401	185.3007	1007	100.00
Barometer (mBar)	1016.7946	1013.3900	1020.0800	1.0865	1.3725	1007	100.00

Week of December 10, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	7.5971	.0000	31.7400	4.6875	6.5593	1008	100.00
Rel.Humidity (%)	86.9179	64.4700	100.0000	5.3429	6.7313	1008	100.00
Air Temp (°C)	25.1773	21.6550	30.3290	1.1306	1.5042	1008	100.00
Rain Rate (cm/hr)	.0369	.0000	3.2004	.0695	.2203	1008	100.00
Solar Rad (W/m <sup>2</sup> )	159.3098	6.5000	982.2000	191.8373	241.3462	1008	100.00
Barometer (mBar)	1014.1816	1009.5900	1017.9600	1.6142	1.9156	1008	100.00

Week of December 17, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	8.6085	.0000	21.7200	3.4706	4.2037	1008	100.00
Rel.Humidity (%)	81.5839	63.3100	99.7200	4.0698	5.4023	1008	100.00
Air Temp (°C)	26.7297	22.4110	31.0040	.9580	1.2556	1008	100.00
Rain Rate (cm/hr)	.0166	.0000	4.4196	.0327	.1921	1008	100.00
Solar Rad (W/m <sup>2</sup> )	179.7717	6.5000	1022.3000	214.5560	257.8871	1008	100.00
Barometer (mBar)	1013.3751	1009.5200	1016.6700	1.1250	1.4415	1008	100.00

## Weekly Statistics Report

Week of December 24, 2006 (1008 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	13.4193	.0000	40.7000	5.4638	6.9458	1008	100.00
Rel.Humidity (%)	74.1573	48.2700	93.3400	9.3268	10.4827	1008	100.00
Air Temp (°C)	25.1198	20.1790	28.2130	2.0530	2.2827	1008	100.00
Rain Rate (cm/hr)	.0000	.0000	.0000	.0000	.0000	1008	100.00
Solar Rad (W/m^2)	172.9244	6.1000	943.3000	204.5527	251.4129	1008	100.00
Barometer (mBar)	1015.4375	1009.1500	1023.8600	3.2156	3.7317	1008	100.00

Week of December 31, 2006 (150 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	15.6766	3.8600	24.0000	3.2506	3.9192	150	100.00
Rel.Humidity (%)	80.6741	70.0600	91.1800	2.6029	3.5483	150	100.00
Air Temp (°C)	27.1686	24.0290	28.2300	.3993	.6165	150	100.00
Rain Rate (cm/hr)	.0051	.0000	.7620	.0101	.0622	150	100.00
Solar Rad (W/m^2)	202.5093	3.0000	971.9000	246.1655	280.8662	150	100.00
Barometer (mBar)	1013.4952	1012.3300	1015.1300	.7528	.8496	150	100.00