

Monthly Statistics Report

File: met2007.dat
Path: C:\Toms\Interactive Oceanographics\Smithsonian\web\dataarchives\datfiles\2007\
Parameters: 6 shown of 8
Samples: 26056
Sample interval: 600 seconds
Time Span: 01/01/2007 01:01:24 to 06/30/2007 23:51:24 (180.96 days)

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

January, 2007 (4458 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	13.8052	.0000	31.4700	4.3005	5.4339	4458	100.00
Rel.Humidity (%)	80.9655	51.0500	100.0000	5.0625	6.5999	4458	100.00
Air Temp (°C)	25.9244	20.7100	30.9060	1.3583	1.6250	4458	100.00
Rain Rate (cm/hr)	.0241	.0000	4.5720	.0459	.1748	4458	100.00
Solar Rad (W/m ²)	164.8346	1.3000	1011.3000	200.7701	251.8150	4446	99.73
Barometer (mBar)	1014.5720	1008.7100	1020.6200	1.9992	2.4411	4458	100.00

February, 2007 (4032 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	11.8772	.0000	33.8900	4.6652	5.8121	4032	100.00
Rel.Humidity (%)	77.6327	49.3200	100.0000	5.9682	7.8023	4032	100.00
Air Temp (°C)	26.2611	18.7180	31.2060	1.0994	1.6368	4032	100.00
Rain Rate (cm/hr)	.0012	.0000	1.5240	.0023	.0299	4032	100.00
Solar Rad (W/m ²)	233.2118	3.9000	1171.1000	272.5151	317.6436	4032	100.00
Barometer (mBar)	1013.6711	1005.8400	1026.4100	3.0937	3.9159	4032	100.00

March, 2007 (4463 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	13.5592	.0000	35.1300	4.6355	5.8681	4463	100.00
Rel.Humidity (%)	73.3499	40.1000	100.0000	7.0847	9.3448	4463	100.00
Air Temp (°C)	26.1616	20.3920	29.9770	1.1094	1.4879	4463	100.00
Rain Rate (cm/hr)	.0071	.0000	5.0292	.0140	.1046	4463	100.00
Solar Rad (W/m ²)	232.3246	4.0000	1310.7001	274.5586	328.4840	4463	100.00
Barometer (mBar)	1014.0071	1003.7200	1023.1600	2.6204	3.4513	4463	100.00

April, 2007 (4320 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	11.7753	.0000	29.1000	4.3931	5.4160	4320	100.00
Rel.Humidity (%)	70.1390	39.7300	100.0000	8.6673	10.9130	4320	100.00
Air Temp (°C)	27.3263	21.4080	32.1030	.9096	1.3089	4320	100.00
Rain Rate (cm/hr)	.0064	.0000	2.2860	.0127	.0941	4320	100.00
Solar Rad (W/m ²)	279.6752	4.0000	1209.4000	315.4053	359.2058	4320	100.00
Barometer (mBar)	1011.7574	1002.9300	1020.2300	2.4425	3.0018	4320	100.00

May, 2007 (4464 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	9.5853	.0000	27.3700	4.1523	4.9829	4464	100.00
Rel.Humidity (%)	68.1947	40.0000	100.0000	6.1079	7.8720	4464	100.00
Air Temp (°C)	28.1901	21.3870	32.8330	.6236	.8867	4464	100.00
Rain Rate (cm/hr)	.0099	.0000	5.3340	.0197	.1624	4464	100.00
Solar Rad (W/m ²)	262.3417	.0000	1350.6000	295.7161	344.2939	4464	100.00
Barometer (mBar)	1010.5878	1004.0700	1015.2600	1.4652	1.8402	4464	100.00

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June, 2007 (4319 samples)							
Merged	Mean	Minimum	Maximum	Avg Deviation	Std Deviation	Valid Samples	%
Wind Speed (mph)	14.0679	.0000	36.6100	5.7507	6.9379	4319	100.00
Rel.Humidity (%)	69.4442	43.2000	100.0000	5.9385	8.4357	4319	100.00
Air Temp (°C)	28.6965	23.0510	32.5140	.8254	1.1776	4319	100.00
Rain Rate (cm/hr)	.0151	.0000	5.6388	.0295	.1832	4319	100.00
Solar Rad (W/m^2)	285.5678	.0000	1175.3000	299.9715	340.6504	3806	88.12
Barometer (mBar)	1010.4325	1005.1400	1015.5700	1.6407	1.9999	4319	100.00