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Data Update for Mt. Tom, Holyoke, MA May 2007

Prepared for
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Monthly Data Summary for May 2007

This update summarizes the monthly data results for the Mt. Tom monitoring site in Holyoke, MA, at 42° 14' 59.2" N, 72° 38' 42.2" W (NAD83). More information on the sensors, site and data can be found at http://www.ceere.org/rerl/rerl_resourcedata.html.

Height	Wind Speed			Prevailing Wind Direction	Power Law Shear Exponent
	Mean [m/s]	Max [m/s]	Turbulence Intensity		
24 m	4.63	13.09	0.27	202.5° SSW	0.36
37 m	5.41	16.25	0.22	202.5° SSW	

The data reported here are based only on the percentages of good data indicated; missing data may skew these values

Data Recovery

All raw wind data are subjected to a series of tests and filters to identify data that are faulty or corrupted. The gross percentage of data recovered (ratio of the number of raw data points received to data points expected) and net data recovered (ratio of raw data points which passed all QA control tests to data points expected) are shown below.

Gross Data Recovered [%]	100
Net Data Recovered [%]	91.528

The net data recovered is less than 100% due to fault in one of the anemometers at a height of 37m and also because sensors were out of range for a few hours.

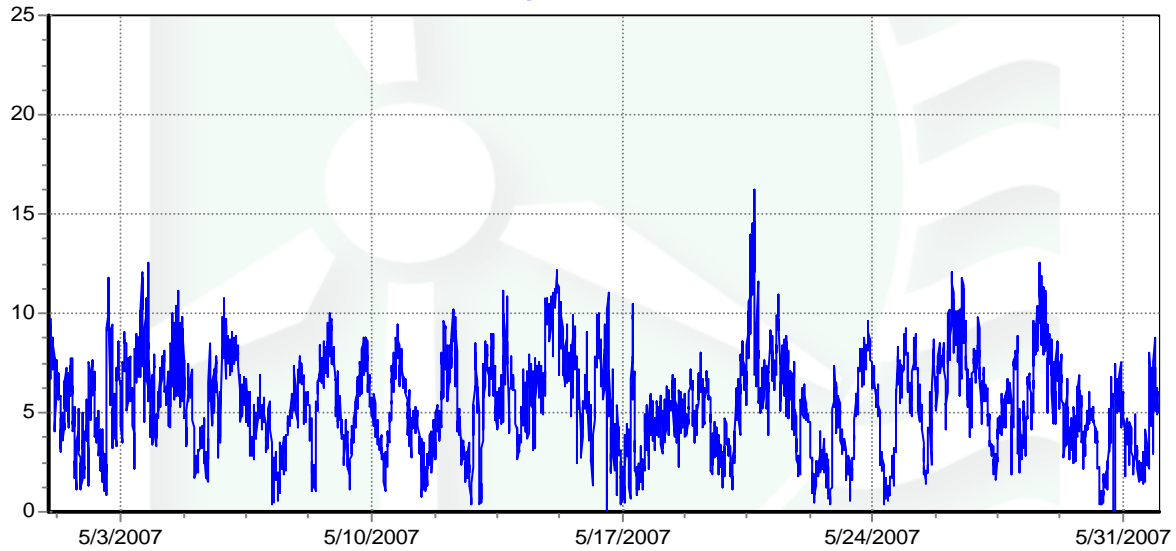
Maintenance Issues and Changes to Site Configuration

No maintenance issues arose during the month of May.

Monthly Data Time Series

Seen below is a graph of wind speed at Mt. Tom for the month of May 2007, at the anemometer height of 37 m.

Mt Tom Wind Speed Time Series, 37m



Plot by DQMS3 - dqms@dqms.com