



**Data Update for Worcester
 June 2010**

Prepared for
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Monthly Data Summary for June 2010

Site Description

The site is a parking lot by a baseball field within the Green Hill Park complex in Worcester. The coordinates of the site is 42.27927 N, 71.78072 W (WGS84) and shown as the white triangle in Figure 1.



Figure 1: Site location

Instrumentation

The Second Wind Triton Sodar is used at this location

Data Summary Statistics

A summary of the data with a quality of 90 or greater during the reporting period are included in the following table.

	40 m	50 m	60 m	80 m	100 m	120 m	140 m	160 m	180 m	200 m
Average	4.356	4.734	5.043	5.495	5.900	6.162	6.451	6.718	6.965	7.217
Std Dev	1.782	1.906	1.995	2.159	2.274	2.414	2.540	2.697	2.920	3.144
Max	11.15	12.31	12.31	13.68	13.96	14.49	16.48	17.02	18.63	19.23
Availability	99%	99%	99%	99%	98%	96%	91%	81%	69%	55%

The data can be found at the Wind Energy Center web site:
<http://www.umass.edu/windenergy>

Maintenance Issues and Changes to Site Configuration

No maintenance was conducted in June.

Monthly Data Time Series

Figure 2 shows the wind speed time series at 100 m height for the month of June 2009.

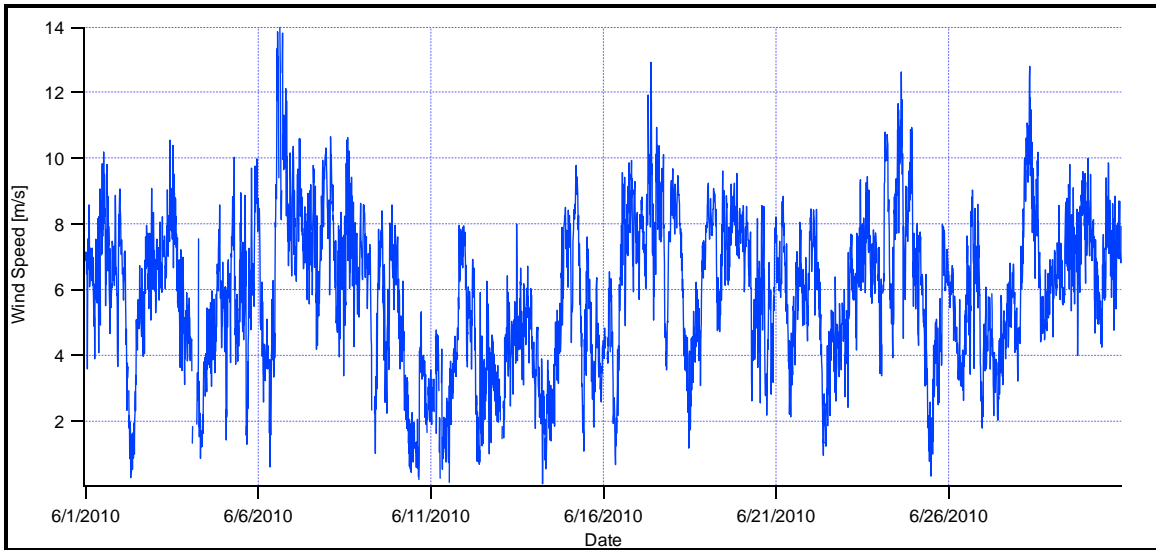


Figure 2: Wind Speed Time Series, June 2010