



Renewable Energy Research Laboratory

Department of Mechanical and Industrial Engineering
University of Massachusetts
160 Governor's Drive
Amherst, MA 01003-9265

Phone: 413-545-4359
Fax: 413-577-1301
www.ceere.org/rerl
rerl@ecs.umass.edu



Data Update for Paxton, MA January, 2009

Prepared for
Massachusetts Technology Collaborative, 75 North Drive, Westborough, MA 01581
By Eric Morgan

Monthly Data Summary for January, 2009

This update summarizes the monthly data results for the Paxton, MA monitoring site at 42° 18' 11.6" N, 71° 53' 50.9" W (WGS84). More information on the sensors and site can be found at http://www.ceere.org/rerl/rerl_resourcedata.html.

Height	Prevailing Wind Direction
78m	112.5

The data can be found at the Renewable Energy Research Laboratory web site: http://www.ceere.org/rerl/rerl_resourcedata.html. It is important to note that summary data are only reported when the monthly net data recovery (see below) is at least 90%. This requirement ensures that the values reported here are comparable with values from other months.

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 [%]	100.00
Net Data Recovered [%]	100.00

Maintenance Issues and Changes to Site Configuration

No maintenance or data quality events took place during January, 2009.