Data Update for Paxton, MA
November, 2007

Prepared for
Massachusetts Technology Collaborative, 75 North Drive, Westborough, MA 01581
By Kai Wu

Monthly Data Summary for November 2007
This update summarizes the monthly data results for the Paxton MA monitoring site at
42-18-11.6 N, 71-53-50.9 W (WSG84). More information on the sensors and site can be
found at http://www.ceere.org/rerl/rerl_resourcedata.html.

<table>
<thead>
<tr>
<th>Height</th>
<th>Wind Speed</th>
<th>Turbulence Intensity</th>
<th>Prevailing Direction</th>
</tr>
</thead>
<tbody>
<tr>
<td>78m</td>
<td>8.46</td>
<td>17.93</td>
<td>0.11</td>
</tr>
</tbody>
</table>

The data can be found at the Renewable Energy Research Laboratory web site:

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.

<table>
<thead>
<tr>
<th>Gross Data Recovered [%]</th>
<th>100.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net Data Recovered [%]</td>
<td>99.35</td>
</tr>
</tbody>
</table>

Maintenance Issues and Changes to Site Configuration
The temperature sensor was replaced in November 2007.

Monthly Data Time Series
Seen below is a graph of wind speed at Paxton for the month of November 2007, at the
highest height anemometer.