Weather Station Wind Resource Summary for
DEERING, AK

ICAO Station Identifier: DEE
Date prepared: 8/3/2005

Site Description

Latitude: 66.083
Longitude: -162.75
Elevation: 6 m
Tower Type: ASOS
Tower Height: 10 m
Monitor Start: 01/1998
Monitor End: 05/2005
NCDC Data Set: 701333

Annual Temperature Profile

-30 -20 -10 0 10 20 30
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
-22 -18 -14 -10 -6 -2 2 6 12 18 24 30
Temperature (ºF)

Site picture courtesy of Ed Doerr of NOAA

813 West Northern Lights Boulevard • Anchorage, Alaska 99503
907 / 269-3000 • FAX 907 / 269-3044 • Toll Free (ALASKA ONLY) 888 / 300-8534 • www.akenergyauthority.org
Wind Power Information

<table>
<thead>
<tr>
<th>Average Power Density</th>
<th>195</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wind Power Class</td>
<td>3</td>
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<tr>
<td>Power Rating</td>
<td>Fair</td>
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</tbody>
</table>

Average Annual Wind Speed

Wind Speed Frequency Distribution

Diurnal Average Wind Speed

Monthly Average Wind Speed

Wind Speed Distribution Rose (m/s)

Wind Frequency Distribution Rose (% of Time)