Weather Station Wind Resource Summary for
ILIAMNA AIRPORT, AK

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

Site Description

Latitude: 59.75
Longitude: -154.917
Elevation: 56.7 m
Tower Type: ASOS
Tower Height: 10 m
Monitor Start: 01/1973
Monitor End: 05/2005
NCDC Data Set: 703400

Temperature Profile

Site picture courtesy of Ed Doerr of NOAA
Wind Power Information

<table>
<thead>
<tr>
<th>Average Power Density</th>
<th>148</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wind Power Class</td>
<td>2</td>
</tr>
<tr>
<td>Power Rating</td>
<td>Marginal</td>
</tr>
</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)**