Weather Station Wind Resource Summary for
SEWARD, AK

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

Site Description

Site picture courtesy of Ed Doerr of NOAA

Latitude 60.117
Longitude -149.45
Elevation 7 m
Tower Type ASOS
Tower Height 8 m
Monitor Start 01/1973
Monitor End 12/2004
NGDC Data Set 702770

State map courtesy of MSN MapPoint
Local map courtesy of AirNav, LLC

Annual Temperature Profile

Site picture courtesy of Ed Doerr of NOAA
## Wind Power Information

<table>
<thead>
<tr>
<th>Average Power Density</th>
<th>178</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wind Power Class</td>
<td>3</td>
</tr>
<tr>
<td>Power Rating</td>
<td>Fair</td>
</tr>
</tbody>
</table>

### Average Annual Wind Speed

![Average Annual Wind Speed Graph]

### Wind Speed Frequency Distribution

![Wind Speed Frequency Distribution Graph]

### Diurnal Average Wind Speed

![Diurnal Average Wind Speed Graph]

### Monthly Average Wind Speed

![Monthly Average Wind Speed Graph]

### Wind Speed Distribution Rose (m/s)

![Wind Speed Distribution Rose Graph]

### Wind Frequency Distribution Rose (% of Time)

![Wind Frequency Distribution Rose Graph]