

ADEC AERMET Data Summary

2008 – 2012 Kenai NWS

Issue/Revision Date: October 23, 2015

The Alaska Department of Environmental Conservation (ADEC) is providing the following AERMOD-ready meteorological data files for general use. Applicants who use these files should state that they obtained them from ADEC's web-site. Applicants will still need to demonstrate that the data are representative of the transport conditions at their stationary source, but they will not need to provide quality assurance information or the supporting AERMET files.

Data Set (Name/WBAN #): **Kenai NWS (26523)**

Data Period: **2008 – 2012**

General Location: **Kenai, Alaska**

Data Collected By: **National Weather Service**

Data Processed By: **AECOM on behalf of the Drill Rig Workgroup**

AERMET Version: **15181**

AERMINUTE Version: **15272**

Anemometer Height (m): **7.92**

Base Elevation (m): **28**

Upper Air Station (Name/WBAN #): **Anchorage (26049)**

Permit Record with Documentation: **Application for minor permit AQ1286MSS01**

Comments: *AECOM used the AERMET and AERMINUTE input files and data files previously used by Hilcorp in support of Minor Permit AQ1286MSS01 to update the AERMET surface and profile files. Hilcorp previously processed the Kenai meteorological data with AERMINUTE 11325 and AERMET 14134. AECOM freshened the AERMET surface and profile files by using updated versions of these meteorological preprocessors. AECOM also added the command "THRESH_1MIN 0.5" to the AERMET Stage 3 run in order to be consistent with Section 4.3 of EPA's March 8, 2013 memorandum, Use of ASOS meteorological data in AERMOD dispersion modeling.*

Revision Notes:

- July 7, 2014: ADEC posted a 2008 – 2012 data set processed by Hilcorp using AERMINUTE 11325 and AERMET 14134.

- October 23, 2015: ADEC posted the 2008 – 2012 data set processed by AECOM using AERMINUTE 15272 and AERMET 15181.