

ADEC AERMET Data Summary

2009 – 2013 Homer NWS

Issue/Revision Date: October 26, 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 #): **Homer NWS (25507)**

Data Period: **2009 – 2013**

General Location: **Homer, 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): **7**

Upper Air Station (Name/WBAN #): **Anchorage (26409)**

Permit Record with Documentation: **Minor Permit AQ1385MSS01**

Comments: AECOM used the AERMET and AERMINUTE input files and data files previously used by BlueCrest in support of Minor Permit AQ1385MSS01 to update the AERMET surface and profile files. BlueCrest previously processed the Homer meteorological data with AERMINUTE 14237 and AERMET 14134. AECOM freshened the AERMET surface and profile files by using updated versions of these meteorological preprocessors. AECOM also corrected a typographical error in the AERMINUTE input files for the Ice Free Wind (IFW) installation date. The correct installation date is 9/23/2006.

Revision Notes:

- October 26, 2015: ADEC posted the 2009 – 2013 data set processed by AECOM using AERMINUTE 15272 and AERMET 15181.