

BOREAS AES Campbell Scientific Surface Meteorological Data

Summary

Canadian AES personnel collected data related to surface and atmospheric meteorological conditions over the BOREAS Region. This data set contains 15 minute meteorological data from 14 automated meteorology stations located across the BOREAS region. Included in this data are parameters of date, time, mean sea level pressure, station pressure, temperature, dewpoint, wind speed, resultant wind speed, resultant wind direction, peak wind, precipitation, maximum temperature in the last hour, minimum temperature in the last hour, pressure tendency, liquid precipitation in the last hour, relative humidity, precipitation from a weighing gauge, and snow depth. Temporally, the data cover the period of August 1993 to December 1996.

A guide document which includes more information about these data sets can be found at http://daac.ornl.gov/boreas/STAFF/ams_cs93/comp/AES_CS.txt.

ORNL DAAC maintains information on the entire [BOREAS Project](#).

Data Citation

Cite these data sets as follows:

Atkinson, G. B., and B. Funk. 1998. BOREAS AES Campbell Scientific Surface Meteorological Data: 1993. Data set. Available on-line [<http://www.daac.ornl.gov>] from Oak Ridge National Laboratory Distributed Active Archive Center, Oak Ridge, Tennessee, U.S.A. doi:10.3334/ORNLDAAC/403.

Atkinson, G. B., and B. Funk. 1998. BOREAS AES Campbell Scientific Surface Meteorological Data: 1994. Data set. Available on-line [<http://www.daac.ornl.gov>] from Oak Ridge National Laboratory Distributed Active Archive Center, Oak Ridge, Tennessee, U.S.A. doi:10.3334/ORNLDAAC/404.

Atkinson, G. B., and B. Funk. 1998. BOREAS AES Campbell Scientific Surface Meteorological Data: 1995. Data set. Available on-line [<http://www.daac.ornl.gov>] from Oak Ridge National Laboratory Distributed Active Archive Center, Oak Ridge, Tennessee, U.S.A. doi:10.3334/ORNLDAAC/405.

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References

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Data Format

For information on Parameter/Variable Names, Variable Description/Definition, Units of Measurement, and Data File Format see the companion files

http://daac.ornl.gov/boreas/STAFF/ams_cs93/comp/ams_cs93.def

http://daac.ornl.gov/boreas/STAFF/ams_cs94/comp/ams_cs94.def

http://daac.ornl.gov/boreas/STAFF/ams_cs95/comp/ams_cs95.def

http://daac.ornl.gov/boreas/STAFF/ams_cs96/comp/ams_cs96.def

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