

BOREAS AFM-06 MEAN WIND PROFILE DATA

Summary:

The BOREAS AFM-06 team from the National Oceanic and Atmospheric Administration Environment Technology Laboratory (NOAA/ETL) operated a 915 MHz wind/Radio Acoustic Sounding System (RASS) profiler system in the Southern Study Area (SSA) near the Old Jack Pine (OJP) tower from 21-May-1994 to 20-Sep-1994. The data set provides wind profiles at 38 heights, containing the variables of wind speed, wind direction and the u-, v-, and w-components of the total wind.

A guide document which includes more information about this data set can be found at http://daac.ornl.gov/boreas/AFM/afm06pwd/comp/AFM06_WindProf.txt.

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

Data Citation

Cite this data set as follows:

Wilczak, J. 1999. BOREAS AFM-06 Mean Wind Profile Data. 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/242](https://doi.org/10.3334/ORNLDAAC/242).

References:

Sellers, P. and F. Hall. 1994. Boreal Ecosystem-Atmosphere Study: Experiment Plan. Version 1994-3.0, NASA BOREAS REPORT (EXPLAN 94).

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Sellers, P., F. Hall, K.F. Huemmrich. 1996. Boreal Ecosystem-Atmosphere Study: 1994 Operations. NASA BOREAS Report (OPS DOC 94).

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Data Format:

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

<http://daac.ornl.gov/boreas/AFM/afm06pwd/comp/afm06pwd.def>

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