

# BOREAS SITE AND AREA GEOGRAPHIC COORDINATE INFORMATION

## Summary:

In an effort to properly document the sites and areas where data were collected, personnel of the BOREal Ecosystem-Atmosphere Study (BOREAS) Information System (BORIS) obtained and compiled geographic coordinate and other site information from several sources throughout the experiment period. The final set of information is organized into two data sets that provide geographic coordinate and site characteristic information for single sites and corner coordinates for standard geographic areas. The data are stored in two text files as American Standard Code for Information Interchange (ASCII) characters.

A guide document which includes more information about this data set can be found at [http://daac.ornl.gov/boreas/GRAB\\_BAG/geocoord/comp/Geog\\_Coord.txt](http://daac.ornl.gov/boreas/GRAB_BAG/geocoord/comp/Geog_Coord.txt).

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

## Data Citation

Cite this data set as follows:

Knapp, D., and J. A. Newcomer. 2000. BOREAS Site and Area Geographic Coordinate Information. 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/556](https://doi.org/10.3334/ORNLDAAC/556).

## References:

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

Sellers, P. and F. Hall. 1996. Boreal Ecosystem-Atmosphere Study: Experiment Plan. Version 1996-2.0, NASA BOREAS Report (EXPLAN 96).

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Sellers, P., F. Hall, H. Margolis, B. Kelly, D. Baldocchi, G. den Hartog, J. Cihlar, M.G. Ryan, B. Goodison, P. Crill, K.J. Ranson, D. Lettenmaier, and D.E. Wickland. 1995. The boreal

ecosystem-atmosphere study (BOREAS): an overview and early results from the 1994 field year. Bulletin of the American Meteorological Society. 76(9):1549-1577.

Sellers, P.J., F.G. Hall, R.D. Kelly, A. Black, D. Baldocchi, J. Berry, M. Ryan, K.J. Ranson, P.M. Crill, D.P. Lettenmaier, H. Margolis, J. Cihlar, J. Newcomer, D. Fitzjarrald, P.G. Jarvis, S.T. Gower, D. Halliwell, D. Williams, B. Goodison, D.E. Wickland, and F.E. Guertin. 1997. BOREAS in 1997: Experiment Overview, Scientific Results and Future Directions. Journal of Geophysical Research 102 (D24): 28,731-28,770.

## **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/GRAB\\_BAG/geocoord/comp/geocoord.def](http://daac.ornl.gov/boreas/GRAB_BAG/geocoord/comp/geocoord.def)

## **Document Information:**

27-07-2000 (data citation revised on 27-Sep-2002)

### **Document Review Date:**

27-07-2000

### **Document Curator:**

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### **Document URL:**

<http://daac.ornl.gov>