

BOREAS AFM-04 TWIN OTTER AIRCRAFT SOUNDING DATA

Summary:

The BOREAS AFM-04 team used the NRC Twin Otter aircraft to make sounding measurements through the boundary layer. These measurements included concentrations of carbon dioxide and ozone, atmospheric pressure, dry bulb temperature, potential temperature, dewpoint temperature, calculated mixing ratio, and wind speed and direction. Aircraft position, heading, and altitude were also recorded. Data were collected at both the NSA and the SSA in 1994 and 1996.

A guide document which includes more information about this data set can be found at http://daac.ornl.gov/boreas/AFM/afm4toas/comp/AFM04_Soundings.txt.

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

Data Citation

Cite this data set as follows:

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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/afm4toas/comp/afm4toas.def>

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Document Curator:

webmaster@daac.ornl.gov

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