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# BOREAS AFM-01 NOAA/ATDD LONG-EZ AIRCRAFT FLUX DATA OVER THE SSA

## Get Data

### Summary:

This data set contains measurements from the NOAA/ATDD Long-EZ Aircraft collected during the 1994 IFCs at the SSA. These measurements were made from various instruments mounted on the aircraft. The data that were collected include: aircraft altitude, wind direction, wind speed, air temperature, potential temperature, water mixing ratio, U and V components of wind velocity, static pressure, surface radiative temperature, downwelling and upwelling total radiation, downwelling and upwelling longwave radiation, net radiation, downwelling and upwelling PAR, greenness index, CO<sub>2</sub> concentration, O<sub>3</sub> concentration, and CH<sub>4</sub> concentration. There are also various columns that indicate the standard deviation, skewness, kurtosis, and trend of some of these data.

A guide document which includes more information about this data set can be found at [http://daac.ornl.gov/daacdata/boreas/AFM/mwlezflx/comp/AFM01\\_Moving\\_Window.txt](http://daac.ornl.gov/daacdata/boreas/AFM/mwlezflx/comp/AFM01_Moving_Window.txt).

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

### Data Citation

Cite this data set as follows:

Crawford, T. L., and D. Baldocchi. 2000. BOREAS AFM-01 NOAA/ATDD Long-EZ Aircraft Flux Data over the SSA. 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/493.

### 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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### 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/daacdata/boreas/AFM/mwlezflx/comp/mwlezflx.def>

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