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BOREAS AFM-08 ECMWF HOURLY SURFACE AND UPPER AIR DATA FOR THE SSA AND NSA

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Summary:

The BOREAS AFM-08 team focused on modeling efforts to improve the understanding of the diurnal evolution of the convective boundary layer over the boreal forest. This data set contains hourly data from the ECMWF operational model from below the soil surface to the top of the atmosphere, including the model fluxes at the surface. Spatially, the data cover a pair of the points that enclose the rawinsonde sites at Candle Lake, Saskatchewan, in the SSA and Thompson, Manitoba, in the NSA. Temporally, the data include the two time periods of 13-May-1994 to 30-Sept-1994 and 01-Mar-1996 to 31-Mar-1997.

A guide document which includes more information about this data set can be found at http://daac.ornl.gov/daacdata/boreas/AFM/ecmwf2/comp/AFM08_ECMWF.txt.

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

Data Citation

Cite this data set as follows:

Betts, A., and P. Viterbo. 2000. BOREAS AFM-08 ECMWF Hourly Surface and Upper Air Data for the SSA and NSA. 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/523.

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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/ecmwf2/comp/ecmwf2.def>

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uso@daac.ornl.gov

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