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BOREAS/AES MARS-II 15-MINUTE SURFACE METEOROLOGICAL DATA: 1994

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BOREAS/AES MARS II Surface Meteorological Data

Summary:

Canadian AES personnel collected several data sets related to surface and atmospheric meteorological conditions over the BOREAS region. This data set contains 15-minute meteorological data from six MARSII meteorology stations in the BOREAS region in Canada. Parameters include site, time, temperature, dewpoint, visibility, wind speed, wind gust, wind direction, two cloud groups, precipitation, and station pressure. Temporarily, the data cover the period of May to September 1994. Geographically, the stations are spread across the provinces of Saskatchewan and Manitoba.

A guide document which includes more information about this data set can be found at http://daac.ornl.gov/daacdata/boreas/STAFF/marsii94/comp/AES_MARSII.txt.

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

Data Citation

Cite this data set as follows:

Atkinson, G. B., and B. Funk. 1998. BOREAS/AES MARS II Surface Meteorological 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/407.

References:

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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, JGR, BOREAS Special Issue, 102(D24), Dec. 1997, pp. 28731-28770.

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/STAFF/marsii94/comp/marsii94.def>

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