



BOREAS HYD-04 AREAL SNOW COURSE SURVEY DATA

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Summary:

The BOREAS HYD-04 work was focused on collecting data during the winter field campaign (FFC-W) to improve the understanding of winter processes within the boreal forest. Airborne remote sensing data (gamma, passive microwave) were acquired along a series of flight lines established in the vicinity of the BOREAS study areas. Ground snow surveys were conducted along selected sections of these aircraft flight lines. These calibration segments were typically 10-20 km in length, and ground data were collected at 1- to 2-km intervals. The development and validation of remote sensing algorithms will provide the means to extend the knowledge of these processes and states from the local to the regional scale.

A guide document which includes more information about this data set can be found at

http://daac.ornl.gov/daacdata/boreas/HYD/h04assd/comp/HYD04_Areal_Snow.txt.

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

Data Citation

Cite this data set as follows:

Metcalfe, J. R., B. E. Goodison, and A. E. Walker., 1998. BOREAS HYD-04 Areal Snow Course SurveyData. 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/267.

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Data Format

For information on Parameter/Variable Names, Variable Description/Definition, Units of Measurement, and Data File Format see the companion file

<http://daac.ornl.gov/daacdata/boreas/HYD/h04assd/comp/h04assd.def>

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