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BOREAS HYD-05 BEAR TRAP CREEK AND NAMEKUS LAKE WINTER SURFACE FLUX DATA

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Summary:

The BOREAS HYD-05 team collected tower flux, surface meteorological, and surface temperature data on a frozen lake (Namekus Lake) and in a mature jack pine forest in the Beartrap Creek watershed. Both sites were located in the BOREAS SSA. The objective of this study was to characterize the winter energy and water vapor fluxes, as well as related properties (such as snow density, depth, temperature, and melt) for forested and nonforested areas of the boreal forest. Data were collected on Namekus Lake in the winters of 1994 and 1996, and at Beartrap Creek in the winter of 1994 only.

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

http://daac.ornl.gov/daacdata/boreas/HYD/h5flxd/comp/HYD05_Flux.txt.

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

Data Citation

Cite this data set as follows:

Harding, R. J., and K. Fred Huemmrich. 1999. BOREAS HYD-05 Bear Trap Creek and Namekus Lake Winter Surface Flux Data. Data set. Available online [<http://www.daac.ornl.gov>] from Oak Ridge National Laboratory Distributed Active Archive Center, Oak Ridge, Tennessee, U.S.A. doi:10.3334/ORNLDAAC/269.

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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/HYD/h5flxd/comp/h5flxd.def>

Document Information:

13-Dec-1999 (data set citation revised on 13-Sep-2002)

Document Review Date:

13-Dec-1999

Document Curator:

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Document URL:

<http://daac.ornl.gov>



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