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BOREAS RSS-17 XYLEM FLUX DENSITY MEASUREMENTS AT THE SSA-OBS SITE

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Summary:

As part of its efforts to determine environmental and phenological states from radar imagery, the BOREAS RSS-17 team collected in situ tree xylem flow measurements for one growing season on five *Picea mariana* (black spruce) trees. The data were collected to obtain information on the temporal and spatial variability in water uptake by trees in the SSA-OBS (*Picea mariana*) stand in the BOREAS SSA. Temporally, the data were collected in 30-minute intervals for 120 days from 31-May-1994 until 27-September-1994.

A guide document which includes more information about this data set can be found at http://daac.ornl.gov/daacdata/boreas/RSS/rss17xyf/comp/RSS17_Xylem_Flux.txt.

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

Data Citation

Cite this data set as follows (citation revised on July 17, 2003):

Zimmermann, R., J. Way, K. C. McDonald, and R. Oren. 1998. BOREAS RSS-17 Xylem Flux Density Measurements at the SSA-OBS Site. 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/303](https://doi.org/10.3334/ORNLDAAC/303).

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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/RSS/rss17xyf/comp/rss17xyf.def>

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