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BOREAS TE-09 NSA LEAF CHLOROPHYLL DENSITY DATA

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Summary:

The Boreal Ecosystem-Atmosphere Study (BOREAS) Terrestrial Ecology Team #9 (TE-09) provided several data sets containing information about the state and response of boreal forest tree species. This data set contains information on the spatial density of chlorophyll in the leaves of three boreal tree species collected at five different sites at various times during 1994.

A guide document which includes more information about this data set can be found at http://daac.ornl.gov/daacdata/boreas/TE/te09cd/comp/TE09_Chlorophyll.txt.

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

Data Citation

Cite this data set as follows:

Margolis, H., and M. Sy. 1998. BOREAS TE-09 NSA Leaf Chlorophyll Density 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/341](https://doi.org/10.3334/ORNLDAAC/341).

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Moran, R. and D. Porath. 1980. Chlorophyll determination in intact tissues using N,N-Dimethylformamide. *Plant Physiol.* 65: 478-479.

Sellers, P. and F. Hall. 1994. Boreal Ecosystem-Atmosphere Study: Experiment Plan. Version 1994-3.0, NASA BOREAS Report (EXPLAN 94).

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Sellers, P. and F. Hall, and F. Huemmrich. 1996. Boreal Ecosystem- Atmosphere Study: 1994 Operations. NASA BOREAS Report (OPS DOC 94).

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Sellers, P., F. Hall, H. Margolis, B. Kelly, D. Baldocchi, G. den Hartog, J. Cihlar, M. G. Ryan, B. Goodison, P. Crill, K. J. Ranson, D. Lettenmaier, and D. E. Wickland. 1995. The boreal ecosystem-atmosphere study (BOREAS): an overview and early results from the 1994 field year. *Bulletin of the American Meteorological Society.* 76(9): 1549-1577.

Yoder, B.J. and L. S. Daley. 1989. Development of a visible spectroscopic method for determining chlorophyll a and b in vivo in leaf samples. *Spectroscopy* 8: 44-50.

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/TE/te09cd/comp/te09cd.def>.

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