

BOREAS TE-10 LEAF GAS EXCHANGE DATA

Summary:

The BOREAS TE-10 team collected several data sets in support of its efforts to characterize and interpret information on the reflectance, transmittance, gas exchange, chlorophyll content, carbon content, hydrogen content, and nitrogen content of boreal vegetation. This data set contains measurements of assimilation, stomatal conductance, transpiration, internal CO₂ concentration, and water use efficiency conducted in the SSA during the growing seasons of 1994 and 1996 using a portable gas exchange system.

A guide document which includes more information about this data set can be found at http://daac.ornl.gov/boreas/TE/te10lgxd/comp/TE10_Leaf_Gas_Exchange.txt.

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

Data Citation

Cite this data set as follows:

Middleton, E. M., and J. H. Sullivan. 1998. BOREAS TE-10 Leaf Gas Exchange 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/346](https://doi.org/10.3334/ORNLDAAC/346).

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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/boreas/TE/te10lgxd/comp/te10lgxd.def>

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