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# BOREAS TF-03 AUTOMATED CHAMBER CO2 FLUX DATA FROM THE NSA-OBS

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### Summary:

The BOREAS TF-03 and TGB-01 teams collected automated CO<sub>2</sub> chamber flux data in their efforts to fully describe the CO<sub>2</sub> flux at the NSA-OBS site. This data set contains fluxes of CO<sub>2</sub> at the NSA-OBS site measured using automated chambers. In addition to reporting the CO<sub>2</sub> flux, it reports chamber air temperature, moss temperature, and light levels during each measurement. The data set covers the period from 23-Sep-1995 through 26-Oct-1995 and from 28-May-1996 through 21-Oct-1996.

A guide document which includes more information about this data set can be found at [http://daac.ornl.gov/daacdata/boreas/TF/tf3acco2/comp/TF03\\_Automated.txt](http://daac.ornl.gov/daacdata/boreas/TF/tf3acco2/comp/TF03_Automated.txt).

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

### Data Citation

Cite this data set as follows:

Goulden, M. L., and P. M. Crill. 1999. BOREAS TF-03 Automated Chamber CO<sub>2</sub> Flux Data from the NSA-OBS. 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/360.

### References:

Goulden, M.L. and Crill, P.M. 1997. Automated measurements of CO<sub>2</sub> exchange at the moss surface of a black spruce forest. *Tree Physiology*. 17:537-542.

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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### 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/TF/tf3acco2/comp/tf3acco2.def>

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