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# BOREAS TGB-05 CO<sub>2</sub>, CH<sub>4</sub>, AND CO CHAMBER FLUX DATA OVER THE NSA

## Get Data

### Summary:

The BOREAS TGB-05 team collected a variety of trace gas concentration and flux measurements at several NSA sites. This data set contains carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), and carbon monoxide (CO) chamber flux measurements conducted in 1994 at upland forest sites that experienced stand-replacement fires. These measurements were acquired to understand the impact of fires on soil biogeochemistry and related changes in trace gas exchange in boreal forest soils. Relevant ancillary data, including data concerning the soil temperature, solar irradiance, and information from nearby unburned control sites, are included to provide a basis for modeling the regional impacts of fire and climate changes on trace gas biogeochemistry.

A guide document which includes more information about this data set can be found at [http://daac.ornl.gov/daacdata/boreas/TGB/tgb5cflx/comp/TGB05\\_C\\_Flux.txt](http://daac.ornl.gov/daacdata/boreas/TGB/tgb5cflx/comp/TGB05_C_Flux.txt).

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

### Data Citation:

Cite this data set as follows:

Zepp, R. G. 1998. BOREAS TGB-05 CO<sub>2</sub>, CH<sub>4</sub>, and CO Chamber Flux Data over the NSA. 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/384.

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## 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/TGB/tgb5cflx/comp/tgb5cflx.def>.

## Document Information:

08-July-1998 (data set citation revised on 10-Sep-2002)

### Document Review Date:

08-July-1998

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### Document URL:

<http://daac.ornl.gov>



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