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BOREAS TGB-01 SOIL CH4 AND CO2 PROFILE DATA FROM NSA TOWER SITES

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Summary:

The BOREAS TGB-01 team made numerous measurements of trace gas concentrations and fluxes at various NSA sites. This data set contains methane (CH₄) and carbon dioxide (CO₂) concentrations in soil profiles from the NSA-OJP, NSA-OBS, NSA-YJP, and NSA-BP sites during the period of 23-May to 20-Sep-1994. The soil gas sampling profiles of CH₄ and CO₂ were completed to quantify controls on CO₂ and CH₄ fluxes in the boreal forest.

A guide document which includes more information about this data set can be found at http://daac.ornl.gov/daacdata/boreas/TGB/tgb1ccsd/comp/TGB01_CO2_CH4_Soilprof.txt.

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

Data Citation

Cite this data set as follows:

Crill, P. M. 1998. BOREAS TGB-01 Soil CH₄ and CO₂ Profile Data from NSA Tower Sites. Data set. Available on-line [<http://www.daac.ornl.gov>] from the ORNL Distributed Active Archive Center, Oak Ridge, Tennessee, U.S.A. doi:[10.3334/ORNLDAAC/377](https://doi.org/10.3334/ORNLDAAC/377).

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McAuliffe, C.C. 1971. Gas chromatographic determination of solutes by multiple phase equilibration, *Chem. Technol.*, 1, 46-51.

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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/tgb1ccsd/comp/tgb1ccsd.def>.

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