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# BOREAS TF-11 CO2 AND CH4 CONCENTRATION DATA FROM THE SSA-FEN

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### Summary:

The BOREAS TF-11 team collected several data sets in their efforts to fully describe the flux and site characteristics at the SSA-Fen site. This data set contains temperature, pH, and concentration profiles of methane and carbon dioxide within the surface 50 cm of peat. The measurements were conducted as part of a 2x2 factorial experiment in which we added carbon (300 g m<sup>-2</sup> as wheat straw) and nitrogen (6 g m<sup>-2</sup> as urea) to four replicate locations in the vicinity of the TF-11 tower. The data set covers the period from the first week of June 1994 through the second week of September, 1994.

A guide document which includes more information about this data set can be found at

[http://daac.ornl.gov/daacdata/boreas/TF/tf11conc/comp/TF11\\_CH4\\_CO2\\_Conc.txt](http://daac.ornl.gov/daacdata/boreas/TF/tf11conc/comp/TF11_CH4_CO2_Conc.txt).

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

### Data Citation

Cite this data set as follows:

Valentine, D. W. 1998. BOREAS TF-11 CO2 and CH4 Concentration Data from the SSA-Fen. 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/370](https://doi.org/10.3334/ORNLDAAC/370).

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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/TF11conc/comp/TF11conc.def>

## Document Information:

09-Dec-98 (data set citation revised on 11-Sep-2002)

### Document Review Date:

09-Dec-98

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### Document URL:

<http://daac.ornl.gov>



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