

DAAC Home > Get Data > Field Campaigns > Boreal Ecosystem-Atmosphere Study (BOREAS) > User guide

BOREAS TF-11 SSA FEN 1996 WATER SURFACE FILM CAPPING DATA

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Summary:

The BOREAS TF-11 team gathered a variety of data to complement their tower flux measurements collected at the SSA Fen site. The data described in this document were made by the TF-11 team at the SSA Fen site to quantify the effect that the films observed to form on open water surfaces had on the transfer of carbon dioxide and methane from the water to the air. Measurements of fluxes of carbon dioxide and methane were made in 1994 and in 1996 using the chamber flux method. A gas chromatograph and a LI-COR LI-6200 were used to measure concentrations and to calculate the fluxes.

A guide document which includes more information about this data set can be found at http://daac.ornl.gov/daacdata/boreas/TF/tf11sflm/comp/TF11_Surf_Film_Cap.txt.

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

Data Citation

Cite this data set as follows:

Billesbach, D. P., and S. B. Verma. 1999. BOREAS TF-11 SSA Fen 1996 Water Surface Film Capping 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/455.

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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/tf11sflm/comp/tf11sflm.def>

Document Information:

16-Nov-1999 (data set citation revised on 11-Sep-2002)

Document Review Date:

16-Nov-1999

Document Curator:

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Document URL:

<http://daac.ornl.gov>



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[Data Citation Policy](#)

[Workshops](#)

[News](#)

Get Data

[Complete Dataset List](#)

[Search for Data](#)

[Field Campaigns](#)

[Land Validation](#)

[Regional/Global](#)

[Model Archive](#)

Submit Data

[Submit Data Form](#)

[Data Scope and Acceptance](#)

[Data Authorship Policy](#)

[Data Publication Timeline](#)

[Detailed Submission Guidelines](#)

Data Management

[Best Practices](#)

[Data Management Plan](#)

[How-to's](#)

Tools

[MODIS](#)

[THREDDS](#)

[SDAT](#)

[Daymet](#)

[CARVE Data Viewer](#)

[Soil Moisture Visualizer](#)

[Land - Water Checker](#)

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