



About Us

Get Data

Submit Data

Data Management

Tools

Sign in

[DAAC Home](#) > [Get Data](#) > [Field Campaigns](#) > [Boreal Ecosystem-Atmosphere Study \(BOREAS\)](#) > Dataset Documentation

BOREAS CALIBRATION GAS STANDARDS

[Get Data](#)

Summary:

In order to improve the comparability of trace gas measurements made by various science teams, the BOREal Ecosystem-Atmosphere Study (BOREAS) obtained several cylinders of carbon dioxide (CO₂) and methane (CH₄) that were used as calibration standards. The cylinders were stored in the field laboratories established in Paddockwood, Saskatchewan (Southern Study Area) (SSA) and in Thompson, Manitoba (Northern Study Area) (NSA) from May 1994 until November 1996.

Data Citation

Cite this data set as follows:

Newcomer, J. A. 2000. BOREAS Calibration Gas Standards. ORNL DAAC, Oak Ridge, Tennessee, USA. <https://doi.org/10.3334/ORNLDAAC/500>

Data Format

This data set contains a single file in pdf format describing the calibration process and results.

References:

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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Home

About Us

- [Who We Are](#)
- [Partners](#)
- [User Working Group](#)
- [Data Citation Policy](#)
- [Workshops](#)
- [News](#)

Get Data

- [Complete Dataset List](#)
- [Search for Data](#)
- [Field Campaigns](#)
- [Land Validation](#)
- [Regional/Global](#)
- [Model Archive](#)

Data Management

- [Plan](#)
- [Manage](#)
- [Archive](#)
- [DAAC Curation](#)
- [Submit Data](#)

Tools

- [MODIS](#)
- [THREDDS](#)
- [SDAT](#)
- [Daymet](#)
- [CARVE Data Viewer](#)
- [Soil Moisture Visualizer](#)
- [Land - Water Checker](#)

Help

- [FAQs](#)

Contact Us