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BOREAS LEVEL-2 MAS SURFACE REFLECTANCE AND TEMPERATURE IMAGES IN BSQ FORMAT

Get Data

Summary:

The BOREAS Staff Science Aircraft Data Acquisition Program focused on providing the research teams with the remotely sensed aircraft data products they needed to compare and spatially extend point results. The MAS images, along with other remotely sensed data, were collected to provide spatially extensive information over the primary study areas. This information includes biophysical parameter maps such as surface reflectance and temperature. Collection of the MAS images occurred over the study areas during the 1994 field campaigns. The level-2 MAS data cover the dates of 21-Jul-1994, 24-Jul-1994, 04-Aug-1994 and 08-Aug-1994. The data are not geographically/geometrically corrected; however, files of relative X and Y coordinates for each image pixel were derived by using the C130 navigation data in a MAS scan model. The data are provided in binary image format files.

A guide document which includes more information about this data set can be found at http://daac.ornl.gov/daacdata/boreas/STAFF/mas_lv2/comp/MAS_L2.txt.

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

Data Citation

Cite this data set as follows:

Wrigley, R. C., M. A. Spanner, and R. E. Slye. 2000. BOREAS Level-2 MAS Surface Reflectance and Temperature Images in BSQ Format. 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/561](https://doi.org/10.3334/ORNLDAAC/561).

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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/STAFF/mas_lv2/comp/mas_lv2.def

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