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# BOREAS LANDSAT MSS IMAGERY: DIGITAL COUNTS

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## Summary:

The Earth Resources Technology Satellite (ERTS) Program launched the first of a series of satellites (ERTS-1) in 1972. Part of the NASA Earth Resources Survey Program, the ERTS Program and the ERTS satellites were later renamed Landsat to better represent the civil satellite program's prime emphasis on remote sensing of land resources. Landsat satellites 1 through 5 carry the MSS sensor. CCRS and BOREAS personnel gathered a set of MSS images from Landsat satellites 1, 2, 4 and 5 covering the dates of 21-Aug-1972 to 05-Sep-1988. The data are provided in binary image format files.

Companion files include (1) an image inventory listing to inform users of the images that are available and (2) example thumbnail images that may be viewed and the image data files downloaded using a convenient viewer utility.

A guide document which includes more information about this data set can be found at [http://daac.ornl.gov/daacdata/boreas/STAFF/lsatmssd/comp/LANDSAT\\_MSS.txt](http://daac.ornl.gov/daacdata/boreas/STAFF/lsatmssd/comp/LANDSAT_MSS.txt).

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

## Data Citation

Cite this data set as follows:

Newcomer, J. A., and J. Cihlar. 1999. BOREAS Landsat MSS Imagery: Digital Counts. 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/435.

## References:

Sellers, P., F. Hall. 1994. Boreal Ecosystem-Atmosphere Study: Experiment Plan. Version 1994-3.0, NASA BOREAS Report (EXPLAN 94).

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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/lsatmssd/comp/lsatmssd.def>

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**Document Curator:**

[uso@daac.ornl.gov](mailto:uso@daac.ornl.gov)

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