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BOREAS TE-18 LANDSAT TM PHYSICAL CLASSIFICATION IMAGE OF THE NSA

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Summary:

The objective of this classification is to provide the BOREAS investigators with a data product that characterizes the land cover of the NSA. A Landsat-5 TM image from 21-Jun-1995 was used to derive the classification. A technique was implemented that uses reflectances of various land cover types along with a geometric optical canopy model to produce spectral trajectories. These trajectories are used as training data to classify the image into the different land cover classes.

Companion files include example thumbnail images that may be viewed and 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/TE/ltmphysn/comp/TE18_NSA_Class_Traj.txt.

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

Data Citation

Cite this data set as follows:

Hall, F. G. 1999. BOREAS TE-18 Landsat TM Physical Classification Image of the NSA. 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/431](https://doi.org/10.3334/ORNLDAAC/431).

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