
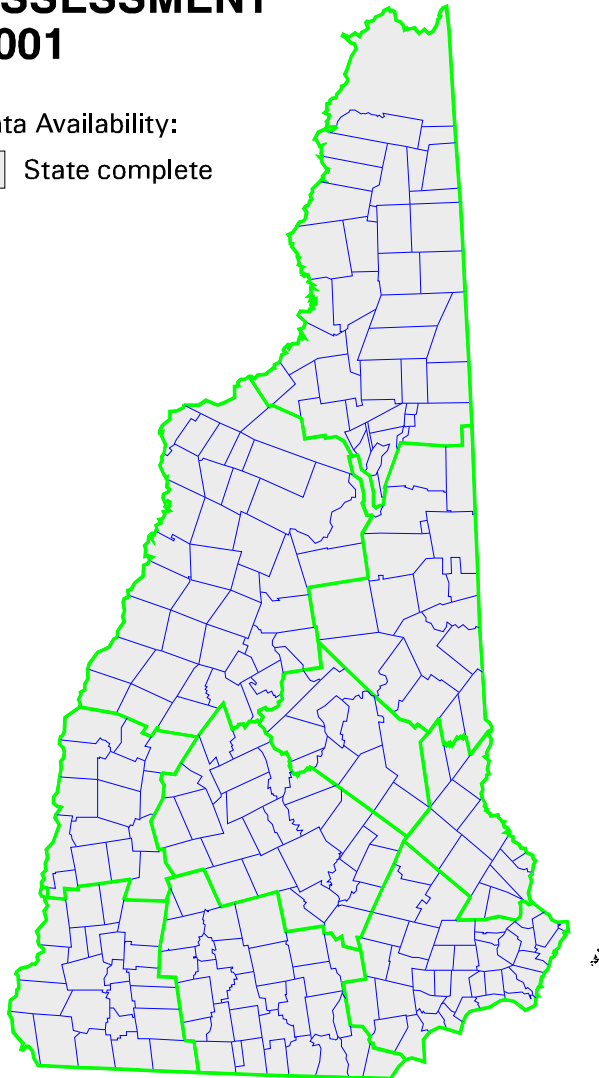


# NH LAND COVER ASSESSMENT 2001

Data Availability:

 State complete



Data Layer: NH Land Cover Assessment 2001

Primary Layer Name: NHLCO1  
Layer Content: LAND COVER  
Data Structure: RASTER  
Layer Type: ASCII GRID

Source: LANDSAT THEMATIC MAPPER IMAGERY  
Source Scale: N/A  
Source Media: DIGITAL

Automated By: CSRC, UNH  
Coordinate Reference: NH State Plane Feet  
Horizontal Datum: 1983  
Tile: STATE

Status: COMPLETE  
Last Revision: DECEMBER, 2001  
Available From: Complex Systems Research Center, UNH

## GENERAL DESCRIPTION

The New Hampshire Land Cover Assessment 2001 is the most recent and most detailed classification of land cover and land use for the state of New Hampshire. Satellite images acquired by Landsat Thematic Mapper between 1990 and 1999 form the basis of the classification, augmented where possible by digital aerial photography, digital raster scans of USGS quadrangles, vector data layers archived in the GRANIT database, digital elevation models, and field data collection. The resulting data set categorizes land cover and land use into 23 targeted classes, with as much detail as possible in the forest and agriculture classes. Nearly 1,000 sites were evaluated for the accuracy assessment, yielding overall accuracies of 82.2% at the full, 23-class level, and 95.9% at the 7-class level. For more information on the classification methodology or the accuracy assessment, please see the project's final report.

This project was conducted by GRANIT staff, and made possible through the support and cooperation of many agencies, organizations, and individuals, including the Cooperative Institute for Coastal and Estuarine Environmental Technology (CICEET), USDA Forest Service, NH Department of Resources and Economic Development, NH Department of Fish and Game, USDA Natural Resources Conservation Service, NH Space Grant, UNH Cooperative Extension, volunteers, landowners, and others.

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