NH LAND COVER ASSESSMENT 2001

Data Availability:
☐ State complete

Data Layer: NH Land Cover Assessment 2001
Primary Layer Name: NHLC01
Layer Content: LAND COVER
Data Structure: RASTER
Layer Type: ASCII GRID
Source: LANDSAT THEMATIC MAPPER IMAGERY
Source Scale: 1:8
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 1980 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.

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