
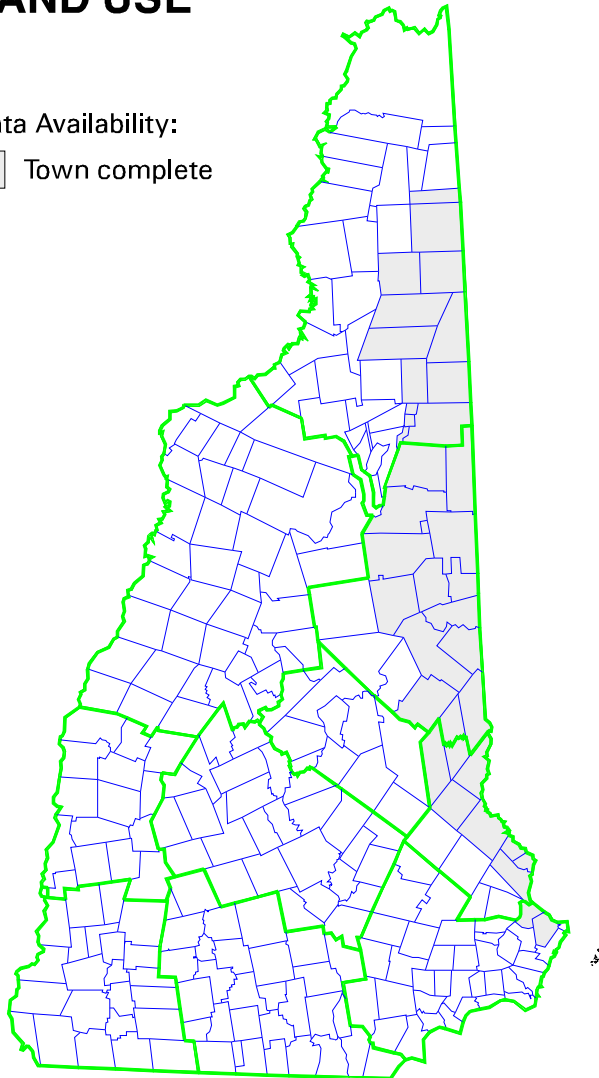


SPOT DERIVED LAND USE

Data Availability:

 Town complete



Data Layer: SPOT DERIVED LAND USE

Primary Layer Name: SPOTLUunn
Layer Content: DEVELOPED LAND USES
Data Structure: VECTOR
Layer Type: POLY

Source: COMPLEX SYSTEMS RESEARCH CENTER, UNH
Source Scale: N/A
Source Media: DIGITAL

Automated By: CSRC, UNH
Coordinate Reference: NH State Plane Feet
Horizontal Datum: 1983
Tile: 7.5-MINUTE QUADRANGLE

Status: RT 16 CORRIDOR COMPLETE
Last Revision: March, 1994
Available From: Complex Systems Research Center, UNH

GENERAL DESCRIPTION

The SPOT-derived developed land use data is available for towns within the Route 16 Corridor, and was generated as part of the DOT-funded Route 16 Corridor Protection Study. The data is derived from SPOT (Satellite Pour l'Observation de la Terre) 10-meter panchromatic imagery, acquired in the spring of 1993, and obtained from Spot Image Corporation, Reston, VA.

Imagery for the corridor was retrieved from the state archive, and processed through a digital thresholding "model" to extract broad areas of developed land. The digital procedure was followed by visual inspection and manual editing, which yielded the three developed classes:

- 1) residential
- 2) commercial/industrial
- 3) mixed

Image processing was conducted by Complex Systems Research Center, spring/summer, 1994.

March, 2000