
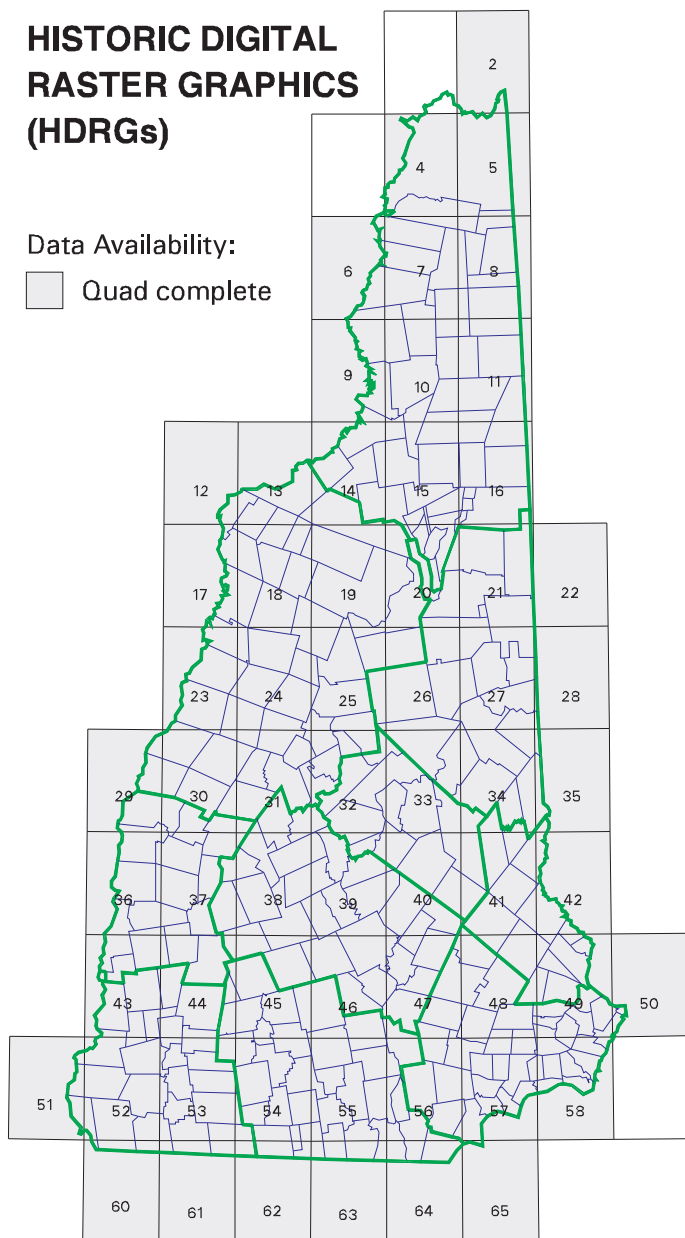


HISTORIC DIGITAL RASTER GRAPHICS (HDRGs)

Data Availability:

 Quad complete



Data Layer: HISTORIC DIGITAL RASTER GRAPHICS

Primary Layer Name: HDRG
Layer Content: SCANNED HISTORIC USGS TOPOGRAPHIC QUAD MAPS
Data Structure: RASTER
Layer Type: IMAGE (georeferenced .tiff files compressed to .sid)

Source: US GEOLOGICAL SURVEY
Source Scale: 1:62,500
Source Media: DIGITAL

Automated By: Complex Systems Research Center, UNH
Coordinate Reference: NH State Plane Feet
Horizontal Datum: 1983
Tile: 15-MINUTE QUADRANGLE

Status: COMPLETE
Last Revision: 2006
Available From: Complex Systems Research Center, UNH

GENERAL DESCRIPTION

The Historic Digital Raster Graphics (HDRGs) are a collection of digital images of USGS topographic maps dating back to the late 1800's. The topographic maps were scanned, georeferenced, clipped (to eliminate collar information) and compressed to generate a product suitable for use in digital mapping environments. (Intermediate data products, e.g. the original scans, the unclipped images, etc., may also be available upon request.)

The image inside the map neatline was georeferenced to the surface of the Earth. When combined with other digital products, such as DOQs or DEMs, the resulting image provides additional visual information for the extraction and revision of base cartographic information.

Georeferencing was verified based on the coincidence of image corners with standard 15-minute quadrangle boundaries. Interior features may not spatially coincide with more current, larger-scale GRANIT base data layers.

The GRANIT HDRG collection was produced in partnership with the UNH Library and the NH Department of Environmental Services, with financial support from the UNH Vice President for Research and Public Service. We are grateful to colleagues at the Evans Map Room, Dartmouth College Library, for making their collection of historic quads available to augment those archived at UNH.

January, 2008