

Town of Chichester

New Hampshire

Map Disclaimer

This map is one of a series of maps that was produced as part of a town-wide natural resource inventory for the Town of Chichester. It is intended to be used for planning purposes only. Any representations of property lines on this map are one interpretation of available data and should not be construed as binding or conclusive evidence of ownership.

KEY

Scenic Features

- State-designated scenic byway
- Designated by town vote
- Other scenic local roads
- Scenic Road Buffers - 500'
- * valued 2 points in co-occurrence analysis.
- Scenic viewpoints with azimuth
- * Viewpoint visibility areas shown in yellow with valued 2 points in co-occurrence analysis.

Viewshed Analysis Scores

- 1 - 2 points
- 3 - 4
- 5 - 7
- 8 - 10
- 11 - 13
- 14 - 16
- 17 - 18

Political Boundaries

- Neighboring Town Lines
- Chichester Town Line

Conservation & Public Lands *

- Conservation lands: town-owned
- Conservation easements - private
- Conservation lands - other towns
- Town buildings / facilities
- Town open space
- Town forest

Roads

- 1393
- Principal Arterials
- Collectors
- Local Roads
- Other/Class VI Roads
- Trails
- Utility Lines

Hydrography

- Perennial
- Seasonal
- Lakes / Ponds / Rivers
- Wetlands (NWI / USGS)

Topography

- Contours (20' interval)

Other Features

- Village, settlement
- Summit
- Fairgrounds
- Campground
- Cemetery
- Gravel pit - active / inactive
- Natural feature
- School

* Conservation & Public Lands: Only the conservation lands displayed in shades of green x-hatch have permanent protection from development.

DATA SOURCES

NH GRANIT Data



Most of the data displayed here represents scanned data sets obtained in 2001 from the NH GRANIT database as maintained by the Complex Systems Research Center (CSRC) at the University of New Hampshire (UNH).

The New Hampshire Geographically Referenced Analysis and Information Transfer System (NH GRANIT) is a cooperative project to create, maintain, and make available a statewide geographic data base serving the information needs of state, regional, and local decision-makers. A collaborative effort between the University of New Hampshire and the NH Office of State Planning (OSP), the core GRANIT System is housed at the NH Institute for the Study of Earth, Oceans, and Space in Durham. The GRANIT approach to a state-wide GIS depends upon the cooperative efforts of a host of agencies, collaborating on various elements of database design and construction as well as application development.

correct errors in these data. CSRC, OSP, SPNHF and the cooperating agencies and organizations make no claims as to the validity or reliability or to any implied uses of these data.

Other Data

- Roads derived from NH DOT roads layer (5/2002) with assorted corrections and updates digitized by SPNHF using 2002 digital ortho-photo quads and as identified by Town of Chichester.

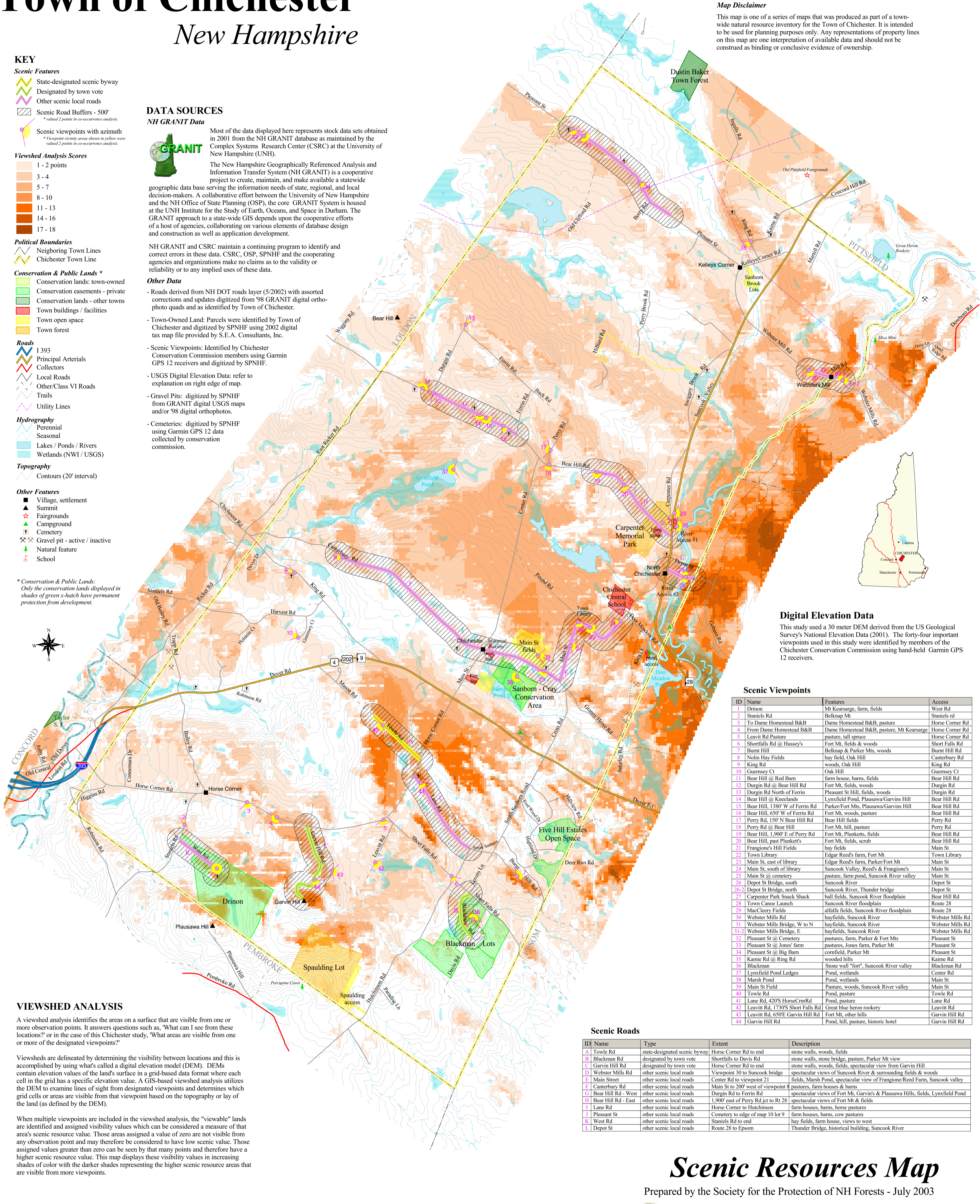
- Town-Owned Land: Parcels were identified by Town of Chichester and digitized by SPNHF using 2002 digital tax map file provided by S.E.A. Consultants, Inc.

- Scenic Viewpoints: Identified by Chichester Conservation Commission members using Garmin GPS 12 receivers and digitized by SPNHF.

- USGS Digital Elevation Data: refer to explanation on right edge of map.

- GRANT: digitized by SPNHF from GRANIT digital USGS maps and/or '98 digital orthophotos.

- Cemeteries: digitized by SPNHF using Garmin GPS 12 data collected by conservation commission.



Digital Elevation Data

This study used a 30 meter DEM derived from the US Geological Survey's National Elevation Data (2001). The forty-four important viewpoints used in this study were identified by members of the Chichester Conservation Commission using hand-held Garmin GPS 12 receivers.

Scenic Viewpoints

ID	Name	Features	Access
1	Drinion	Mt Kearsarge, farm, fields	West Rd
2	Staniels Rd	Belknap Mt	Staniels rd
3	To Dame Homestead B&B	Dame Homestead B&B, pasture	Horse Corner Rd
4	From Dame Homestead B&B	Dame Homestead B&B, pasture, Mt Kearsarge	Horse Corner Rd
5	Leavitt Rd Pasture	pasture, tall spruce	Horse Corner Rd
6	Shortfalls Rd @ Hussey's	Fort Mt, fields & woods	Short Falls Rd
7	Burnt Hill	Belknap & Parker Mts, woods	Burnt Hill Rd
8	Nolin Hay Fields	hay field, Oak Hill	Canterbury Rd
9	King Rd	woods, Oak Hill	King Rd
10	Guernsey Ct	Oak Hill	Guernsey Ct
11	Bear Hill @ Red Barn	farm house, barns, fields	Bear Hill Rd
12	Durgin Rd @ Bear Hill Rd	Fort Mt, fields, woods	Bear Hill Rd
13	Durgin Rd North of Ferrin	Pleasant St Hill, fields, woods	Durgin Rd
14	Bear Hill @ Kneelands	Lynxfield Pond, Plausawa/Garvins Hill	Bear Hill Rd
15	Bear Hill, 1380' W of Ferrin Rd	Parker/Fort Mts, Plausawa/Garvins Hill	Bear Hill Rd
16	Bear Hill, 650' W of Ferrin Rd	Fort Mt, woods, pasture	Bear Hill Rd
17	Perry Rd, 150' N Bear Hill Rd	Bear Hill fields	Perry Rd
18	Perry Rd @ Bear Hill	Fort Mt, hill, pasture	Perry Rd
19	Bear Hill, 1900' E of Perry Rd	Fort Mt, Plunketts, fields	Bear Hill Rd
20	Bear Hill, past Plunketts	Fort Mt, fields, scrub	Bear Hill Rd
21	Frangione's Hill Fields	hay fields	Main St
22	Town Library	Edgar Reed's farm, Fort Mt	Town Library
23	Main St, east of library	Edgar Reed's farm, Parker/Fort Mt	Main St
24	Main St, south of library	Suncook Valley, Reed's & Frangione's	Main St
25	Main St @ cemetery	pasture, farm pond, Suncook River valley	Main St
26	Depot St Bridge, south	Suncook River	Depot St
26-2	Depot St Bridge, north	Suncook River, Thunder bridge	Depot St
27	Carpenter Park Snack Shack	ball fields, Suncook River floodplain	Bear Hill Rd
28	MacCreey Launch	Suncook River floodplain	Route 28
29	MacCreey Fields	alfalfa fields, Suncook River floodplain	Route 28
30	Webster Mills Rd	hayfields, Suncook River	Webster Mills Rd
31	Webster Mills Bridge, W to N	hayfields, Suncook River	Webster Mills Rd
31-2	Webster Mills Bridge, E	hayfields, Suncook River	Webster Mills Rd
32	Pleasant St @ Cemetery	pastures, farm, Parker & Fort Mts	Pleasant St
33	Pleasant St @ Jones' farm	pastures, Jones' farm, Parker Mt	Pleasant St
34	Pleasant St @ Big Barn	cornfield, Parker Mt	Pleasant St
35	Kaime Rd @ Ring Rd	wooded hills	Kaime Rd
36	Blackman	Stone wall "fort", Suncook River valley	Blackman Rd
37	Lynxfield Pond Ledges	Pond, wetlands	Center Rd
38	Marsh Pond	Pond, wetlands	Main St
39	Main St Field	Pasture, woods, Suncook River valley	Main St
40	Towle Rd	Pond, pasture	Towle Rd
41	Lane Rd, 420'S HorseCmRd	Pond, pasture	Lane Rd
42	Leavitt Rd, 1730'S Short Falls Rd	Great blue heron rookery	Leavitt Rd
43	Leavitt Rd, 650'E Garvin Hill Rd	Fort Mt, other hills	Garvin Hill Rd
44	Garvin Hill Rd	Pond, hill, pasture, historic hotel	Garvin Hill Rd

Scenic Roads

ID	Name	Type	Extent	Description
A	Towle Rd	state-designated scenic byway	Horse Corner Rd to end	stone walls, woods, fields
B	Blackman Rd	designated by town vote	Shortfalls to Davis Rd	stone walls, stone bridge, pasture, Parker Mt view
C	Garvin Hill Rd	designated by town vote	Horse Corner Rd to end	stone walls, woods, fields, spectacular view from Garvin Hill
D	Webster Mills Rd	designated by town vote	Viewpoint 30 to Suncook bridge	spectacular views of Suncook River & surrounding fields & woods
E	Main Street	other scenic local roads	Center Rd to viewpoint 21	fields, Marsh Pond, spectacular view of Frangione/Reed Farm, Suncook valley
F	Canterbury Rd	other scenic local roads	Main St to 200' west of viewpoint 8	pastures, farm houses & barns
G	Bear Hill Rd - West	other scenic local roads	Durgin Rd to Ferrin Rd	spectacular views of Fort Mt, Garvin's & Plausawa Hills, fields, Lynxfield Pond
H	Bear Hill Rd - East	other scenic local roads	1900' east of Perry Rd jct to Rt 28	spectacular views of Fort Mt & fields
I	Lane Rd	other scenic local roads	Horse Corner to Hutchinson	farm houses, barns, horse pastures
J	Pleasant St	other scenic local roads	Cemetery to end of map 10 lot 9	farm houses, barns, cow pastures
K	West Rd	other scenic local roads	Staniels Rd to end	hay fields, farm house, view to west
L	Depot St	other scenic local roads	Route 28 to Epsom	Thunder Bridge, historical building, Suncook River

VIEWSHED ANALYSIS

A viewshed analysis identifies the areas on a surface that are visible from one or more observation points. It answers questions such as, "What can I see from these locations?" or in the case of this Chichester study, "What areas are visible from one or more of the designated viewpoints?"

Viewsheds are delineated by determining the visibility between locations and this is accomplished by using what's called a digital elevation model (DEM). DEMs contain elevation values of the land's surface in a grid-based data format where each cell in the grid has a specific elevation value. A GIS-based viewshed analysis utilizes the DEM to examine lines of sight from designated viewpoints and determines which grid cells or areas are visible from that viewpoint based on the topography or lay of the land (as defined by the DEM).

When multiple viewpoints are included in the viewshed analysis, the "viewable" lands are identified and assigned visibility values which can be considered a measure of that area's scenic resource value. Those areas assigned a value of zero are not visible from any observation point and may therefore be considered to have low scenic value. Those assigned values greater than zero can be seen by that many points and therefore have a higher scenic resource value. This map displays these visibility values in increasing shades of color with the darker shades representing the higher scenic resource areas that are visible from more viewpoints.

Scenic Resources Map

Prepared by the Society for the Protection of NH Forests - July 2003



SOCIETY FOR THE PROTECTION OF NEW HAMPSHIRE FORESTS

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Scale - 1:24,000

