

Table 1: Basic Inventory*

Recommended maps and associated data requirements

Map Title	Description	Data Requirements
Conservation Lands Map	This map shows conservation lands overlaid onto a topographic or aerial map base.	<ul style="list-style-type: none"> • Select aerial photography or topographic map base • Political boundaries • Transportation and utility networks • Surface Water resources • Watershed boundaries • Conservation Lands data (including detail on type of ownership)
Water Resources Map	This map shows surface and ground water resources and wetlands	<ul style="list-style-type: none"> • Political boundaries • Transportation and utility networks • Conservation lands • Surface water resources • Watershed boundaries • Stratified drift aquifers • Favorable Gravel Well Analysis • Wellhead protection areas • Public water supply sources • National Wetlands Inventory data • NRCS hydric (wetland) soils data
Unfragmented Blocks Map	This map shows intact (i.e. unfragmented) tracts of land that comprise large areas of open space.	<ul style="list-style-type: none"> • This map is derived by using existing roads data, and demarcating a "developed" zone 500 ft in width on each side of all roads, except for Class 6 roads.
Co-occurring Resources	The co-occurrence maps shows areas where multiple resources co-occur. There are a number of different ways that this map can be generated, e.g. some choose to weight or rank the data layers depending on what information is most important to that community.	<ul style="list-style-type: none"> • Overlay several data layers on one map to highlight areas where multiple resources co-occur (e.g. stratified drift aquifers, farmland soils (prime & statewide importance), wetlands (NWI & NRCS Hydric Soils) and WAP focus areas (highest ranking habitats).
Digitized Tax Map	This map shows current digitized tax map parcel data	<ul style="list-style-type: none"> • Digitized tax map data, available from town. (This could be a separate transparent overlay, or it could be added as a data layer on any of the above maps).

Map Title	Description	Data Requirements
Wildlife Action Plan Maps	<p>The New Hampshire Wildlife Action Plan (WAP) is a blueprint to keep species from becoming endangered. Completed in 2005 by NH Fish & Game Department staff and their conservation partners, the WAP provides New Hampshire landowners and conservationists with important tools for restoring and maintaining critical habitats and populations of the state's species of conservation and management concern. Using the GIS database, the WAP project team prepared a series of maps to display WAP data.</p>	<ul style="list-style-type: none"> • NH Wildlife Habitat Land Cover Map (map of the distribution of habitats across the state). • Highest Ranked Wildlife Habitat by Ecological Condition Map (map shows the ranking of wildlife habitats based on an analysis of ecological condition using biological, landscape and human impact factors most affecting each habitat type). • Conservation Focus Areas Map (a co-occurrence map showing the collective habitat condition of unique overlapping habitat areas).
**Natural Services Network Map	<p>The New Hampshire Natural Services Network (NSN) is a GIS-based tool identifying lands that provide important ecological services that are difficult and expensive to replicate. Loss of these services affects human health, safety, quality of life, and economic opportunity. The Natural Services Network can be configured for use at multiple scales (municipal, regional, state) and adapted to incorporate additional data, such as resources of local importance.</p>	<p>This map has already been generated and is available through GRANIT. Data layers include:</p> <ul style="list-style-type: none"> • Water supply lands (highly transmissive and Favorable Gravel Well) • Flood storage (FEMA and National Wetlands Inventory data) • Economically important soils (Prime Farmland Soils and Soils of Statewide Importance) • Important wildlife habitat from NH WAP including: Highest Ranking Habitat in the State Highest Ranking Habitat in Biological Regions
**Land Conservation Plan for Coastal NH (communities in the coastal watersheds)	<p>The primary goal of the Coastal Land Conservation Plan is to focus conservation on those lands and waters that are most important for conserving living resources and water quality in the coastal watersheds. Four principal resource analyses and maps were developed that capture key natural resource features. These maps were integrated into a Resource Conservation Model to identify Conservation Focus Areas.</p>	<p>These maps have already been generated and are available through GRANIT:</p> <ul style="list-style-type: none"> • Forest Ecosystems Map • Freshwater Systems Map • Coastal & Estuarine Resources Map • Critical Plant & Wildlife Habitat Map • Conservation Focus Areas Map

NOTE: Additional local data (not available through GRANIT) available via your regional planning commission and/or your town can be added to any of the above inventory maps, or new maps could be created to display this data. Check with your RPC and town office to find out what additional data layers they may have available.

* Table 1 was revised in October, 2007 to include recently available data and studies

** Check to see what other regional conservation plans and studies may have been conducted in your area. For example, the Forest Society's Quabbin to Cardigan project.