The NH Coastal Viewer presents data from map services published by a number of organizations, including NH GRANIT as well as various state and federal agencies. The following symbols are used to identify the organization publishing and maintaining each service:

- NH GRANIT, University of New Hampshire
- New Hampshire Department of Environmental Services
- US National Oceanic and Atmospheric Administration
- US Park Service
  - Bing and Esri

Please note that the availability and functionality of each service is the responsibility of the publishing organization.

Data Notes:
1. The Coastal Viewer focuses on the coastal watershed of New Hampshire. Some data sets may extend beyond the watershed, while others are restricted to just the watershed geography. If you are interested in mapping regions beyond coastal NH, please visit [GRANITView](#) – a statewide mapping site maintained by GRANIT.
2. Tip: to quickly find a specific layer from this list in the Viewer, click “Filter …” at the lower right of the Layer List and begin typing a layer name in the text box. A subset of layers matching your text (from within the selected Theme) will be displayed.

The following list presents the organizational layout and layers available in the NH Coastal Viewer.

- **Operational Layers**
  - **Administrative and Political Boundaries**
    - City/Town
    - Isles of Shoals
    - Coastal Zone Management Act Boundary
    - Parcels
      - Parcels – polygons
      - Additional lines
      - Attributes for additional lines
  - **Biology and Ecology**
    - National Wetlands Inventory
    - Shellfish Aquaculture
    - Shellfish Water Classification
  - **Shellfish Resources**
    - Current Shellfish Beds
    - Shellfish Restoration Sites
  - **Historic Shellfish Resources**
    - Surf Clams
    - **Softshell Clams**
      - Softshell Clams 1982
Softshell Clams 1985
Softshell Clams 2006
Softshell Clams 2008

Oysters
- Oysters 1982
- Oysters 1985
- Oysters 1997
- Oysters 2001
- Oysters 2003
- Oysters 2004-2006
- Oysters 2005
- Oysters 2006
- Oysters 2008
- Oysters 2012

Seafloor Habitats
Temporal Eelgrass

Cultural Society and Demographic
- Access Sites to Public Waters
- Airports
- Libraries
- Hospitals
- National Register of Historic Places
- Police and Fire Stations
- Schools (K-12)
- Places of Interest
- Population by Census Block 2010
- Recreational Boater Activities
- Recreational Boater Route Density
- Recreational Inventory Areas
- Social Vulnerability Index by Census Tract 2010
- Vessel Activity 2012

Environment and Conservation
- Conservation and Public Lands
- Designated Rivers
- Fluvial Geomorphology
  - Stream Crossings
    - Geomorphic Compatibility
    - Aquatic Organism Passage Compatibility
- Other Geomorphic Data
  - Geomorphic Features
  - Road Encroachments
  - Railroad Encroachments
  - Channel Straightening
  - State Impact Metrics
  - Fluvial Erosion Hazard Zones

Wildlife Action Plan
- WAP 2015: Highest Ranked Habitat by Condition
- WAP 2015: Wildlife Habitat Land Cover
Land Use
- 2010 Rockingham RPC
- 2010 Southern NH RPC
- 2010 Strafford RPC
- 1998 Rockingham County
- 1998 Strafford County
- 1974 Rockingham County
- 1974 Strafford County
- 1962 Rockingham County
- 1962 Strafford County

Impervious Surfaces
- 2010 Belknap County (partial)
- 2010 Carroll County (partial)
- 2010 Rockingham County
- 2010 Strafford County
- 2010 York County (partial)

Land Conservation Plan
- Study Area Boundary
- Conservation Focus Areas – 2006 (NH)
- Conservation Focus Areas – 2010 (ME)

Water Resources Conservation Focus Areas – 2016 Update
- Flood Storage and Risk Mitigation
- Pollutant Attenuation
- Public Water Supply

Single and Multi-Benefit Areas
- Areas Likely to Provide Single Benefits
- Areas Likely to Provide Multiple Benefits

Geological and Geophysical
- Soil Series
- Surficial Geology

Inland Water Resources
- Ditches in the Great Bay Estuary
- Ditches in the Hampton-Seabrook Estuary
- Dam Inventory

Floodplains
- Cross Sections
- Base Flood Elevations
- Flood Hazard – Lines
- Flood Hazard – Areas

Surface Water
- Streams Centerlines
- Water Bodies
- Other Water Features

Shoreline Buffer Zones
- Perennial Streams
  - 50-foot Zone
  - 100-foot Zone
  - 150-foot Zone
  - 200-foot Zone
Intermittent and Perennial Streams

- 50-foot Zone
- 100-foot Zone
- 150-foot Zone
- 200-foot Zone
- 250-foot Zone
- 300-foot Zone

Watershed Boundaries

- HUC 8
- HUC 12
- Aquifer Transmissivity

Location and Geodetic Network

- Geodetic Control Points
- Boundary Monument Points

Oceans and Coasts

- Dunes
- Coastal Beaches
- Shoreline Structure Inventory
- Salt Marsh Restoration Opportunities

Predicted Marsh Migration

- Initial Conditions (2014)

Scenario 1 (0.5-meter rise by 2100)

- Predicted Marsh Migration 2100
- Predicted Marsh Migration 2075
- Predicted Marsh Migration 2050
- Predicted Marsh Migration 2025

Scenario 2 (1.2-meter rise by 2100)

- Predicted Marsh Migration 2100
- Predicted Marsh Migration 2075
- Predicted Marsh Migration 2050
- Predicted Marsh Migration 2025

Scenario 3 (2-meter rise by 2100)

- Predicted Marsh Migration 2100
- Predicted Marsh Migration 2075
- Predicted Marsh Migration 2050
- Predicted Marsh Migration 2025

Sea Level Rise Predictions

- 2050 High Emissions Scenario (1.7' SLR) MHHW
- 2050 High Emissions Scenario (1.7' SLR) with 100-year flood
- 2100 Intermediate-High Emissions Scenario (3.9' SLR) MHHW
- 2100 Intermediate-High Emissions Scenario (3.9' SLR) with 100-year flood
- 2100 High Emissions Scenario (6.3' SLR) MHHW
- 2100 High Emissions Scenario (6.3' SLR) with 100-year flood

Shoreline Change

Historic Shorelines

- May, 2015
- April, 2014
December, 2013
August, 2013
September, 2011
June, 2011
May, 2011
July, 2010
April, 2010
August, 2007
May, 2005
November, 2000
April, 1998
April, 1992
October, 1974
April, 1973
November, 1962
May, 1960
January, 1956
January, 1953
January, 1934
January, 1920
January, 1912
January, 1894
July, 1867
July, 1866
July, 1855

Beaches
December, 2013 – April, 2014
September, 2011 – December, 2013
May, 2011 – September, 2011
May, 2011 – December, 2013
July, 2010 – May, 2011
June, 2007 – July, 2010
September, 2000 – June, 2007
September, 2000 – December, 2013/April, 2014

Beach Elevation Change
April, 2014 minus December, 2013
April 2014, minus September, 2000
December, 2013 minus September, 2011
December, 2013 minus May, 2011
December, 2013 minus September, 2000
September, 2011 minus May, 2011
May, 2011 minus July, 2010
July, 2010 minus June, 2007
June, 2007 minus September, 2000

Transportation Networks
Public Roads
Interstates
Turnpikes
US Routes
State Routes
Local Roads
Utilities and Communication
- Cell Towers
- Transmission/Pipelines
- National Pollutant Discharge Elimination System

Elevation
- LiDAR derived 2-foot Contours
- LiDAR derived 10-foot Contours
- USGS Topographic Quads
- Regional LiDAR
  - Shaded Relief
  - Digital Elevation

Basemaps/Imagery
Regional Orthophotography
- 2013 1-foot RGB
- 2013 1-foot CIR
- 2010 6-inch RGB
- 2010 6-inch CIR
- 2005 1-foot RGB
- 2005 1-foot CIR
- 1974 panchromatic
- 1962 panchromatic

Statewide Orthophotography
- 2015 1-foot RGB
- 2015 1-foot CIR
- 2010/2011 1-foot RGB
- 2010/2011 1-foot CIR
- NAIP 2016 RGB
- ANIP 2016 CIR
- NAIP 2014 RGB
- NAIP 2014 CIR
- NAIP 2012 RGB
- NAIP 2012 CIR
- NAIP 2011 RGB
- NAIP 2011 CIR
- NAIP 2009 RGB
- NAIP 2008 RGB
- NAIP 2003 RGB

Base Maps
- Bing Roads
- Bing Aerial
- Bing Hybrid (aerials with labelling)
- USGS Topo
- Light Gray Base

Layer Catalog Items (html5 viewer only)
- 2014 NOAA 6-inch RGB Orthophotography