

# Mapbook of the UConn Extension Center Haddam, CT

By Emily Wilson



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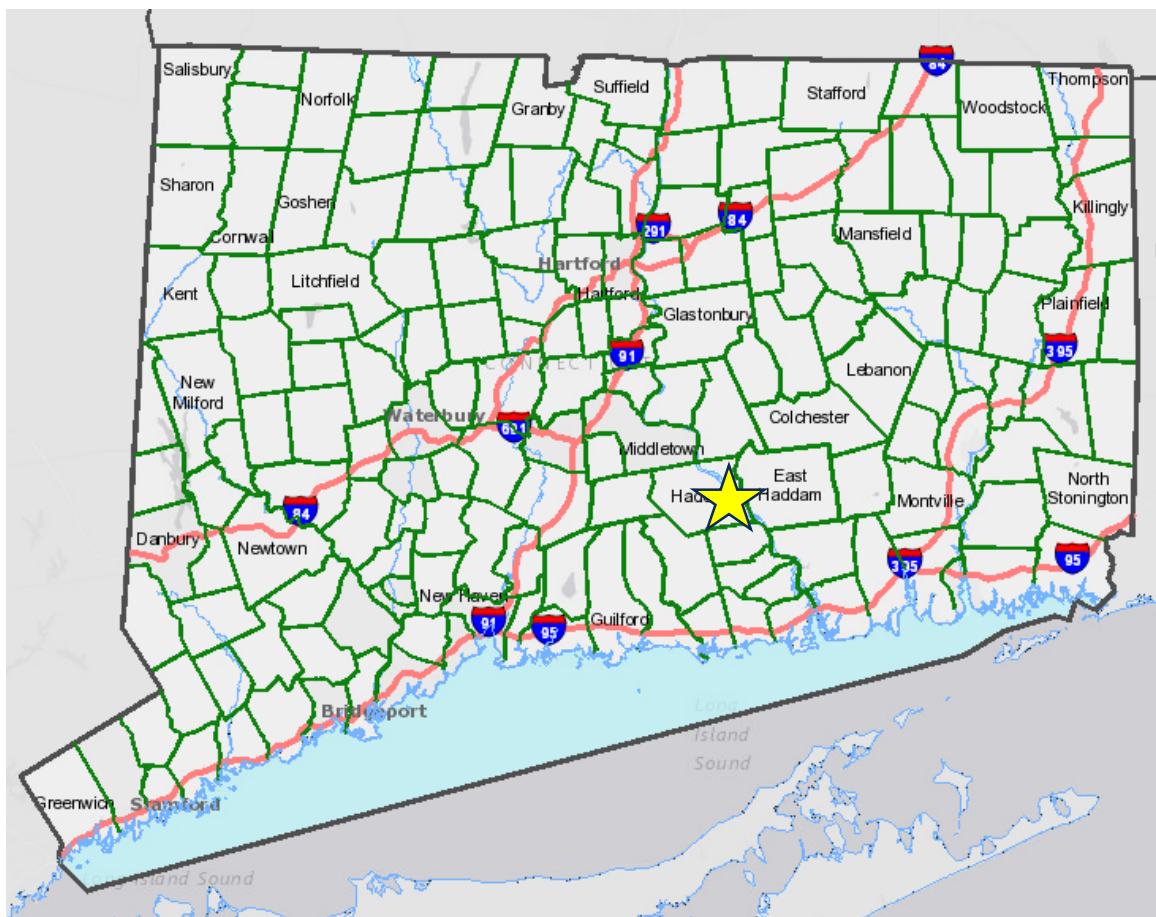
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# 2016 Summer Aerial Imagery

Captured by USDA as part of the NAIP program

0.6m or 2 foot pixels

More information on <http://cteco.uconn.edu>.





# 2016 Spring Aerial Imagery

Flight managed the Capitol Region Council of Governments and funded by the CT Office of Policy and Management with contributions from the CT Dept. of Transportation and CT Dept. of Emergency Services and Public Protection.

3 inch pixels

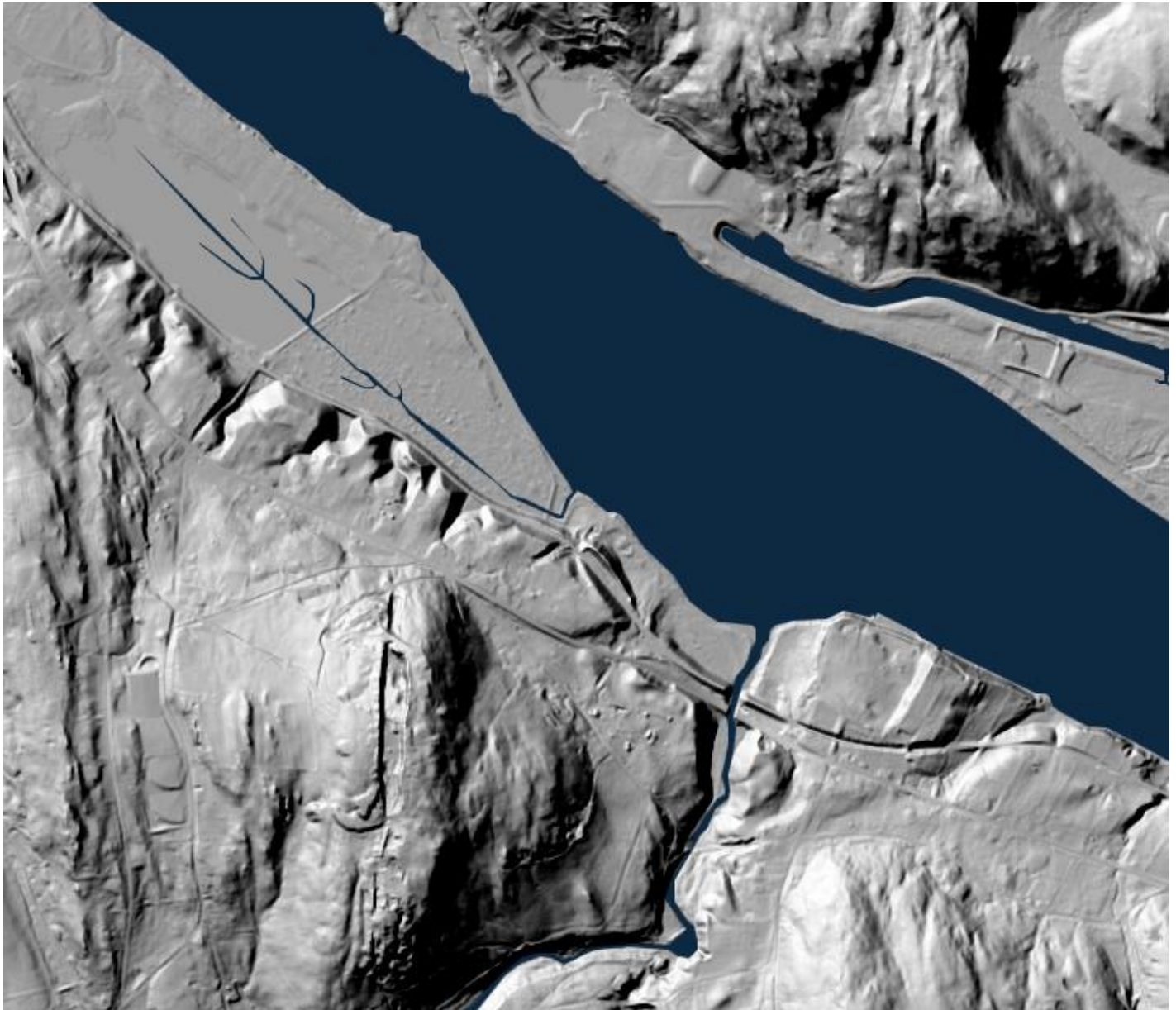
More information on <http://cteco.uconn.edu/data/flight2016/>



# Hillshade

Elevation from Lidar and displayed as hillshade. Hillshade is a grayscale view of terrain that considers the sun's relative position.

More information on the CT ECO website <http://cteco.uconn.edu/data/lidar/>

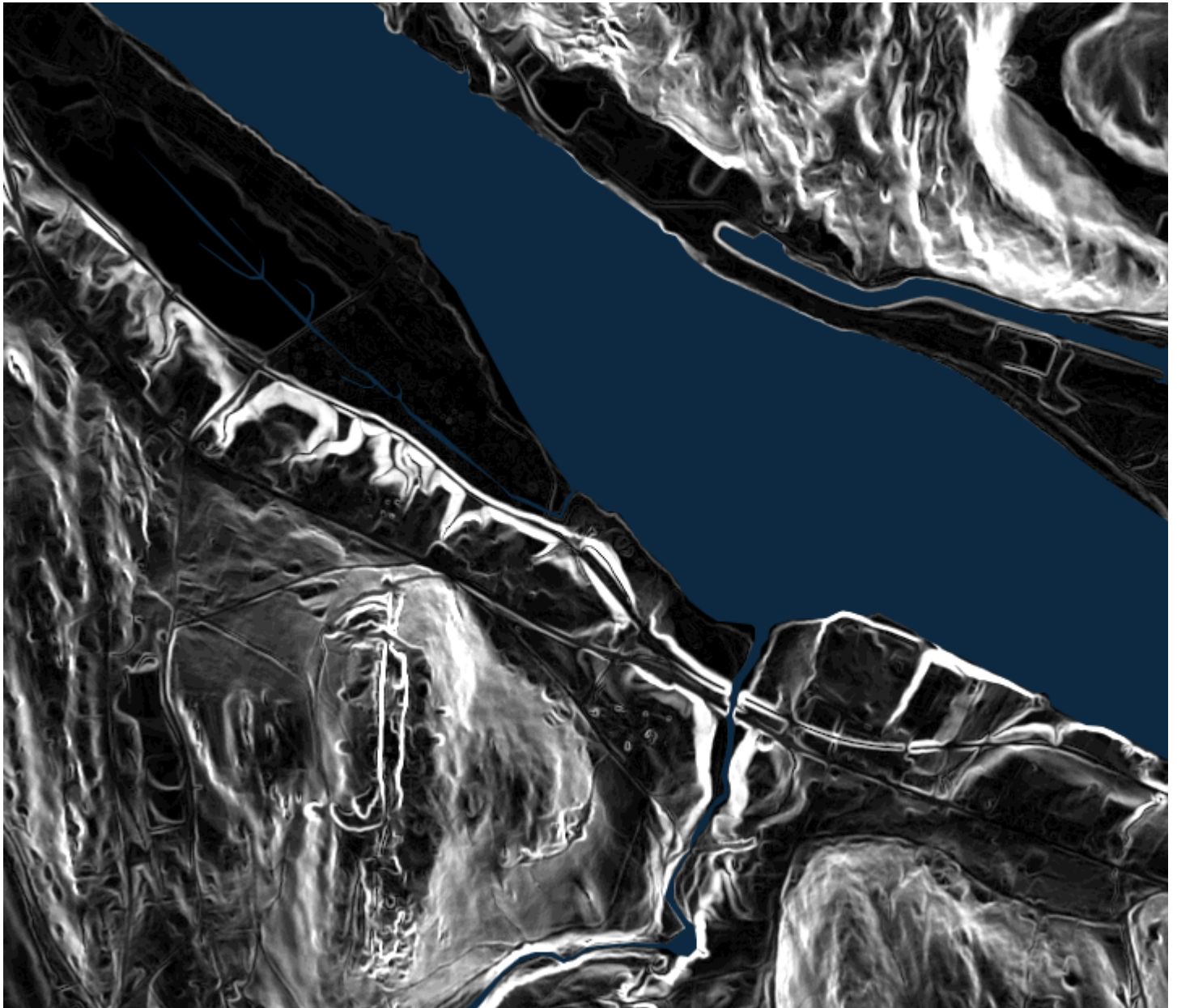




# Slope

Elevation from Lidar and displayed as slope. Brighter (white) areas are steeper than darker (black) areas.

More information on the CT ECO website <http://cteco.uconn.edu/data/lidar/>



# Hydric Soils

Elevation from Lidar and displayed as slope. Brighter (white) areas are steeper than darker (black) areas.

More information on the CT ECO website <http://cteco.uconn.edu/data/lidar/>





# Water Resources

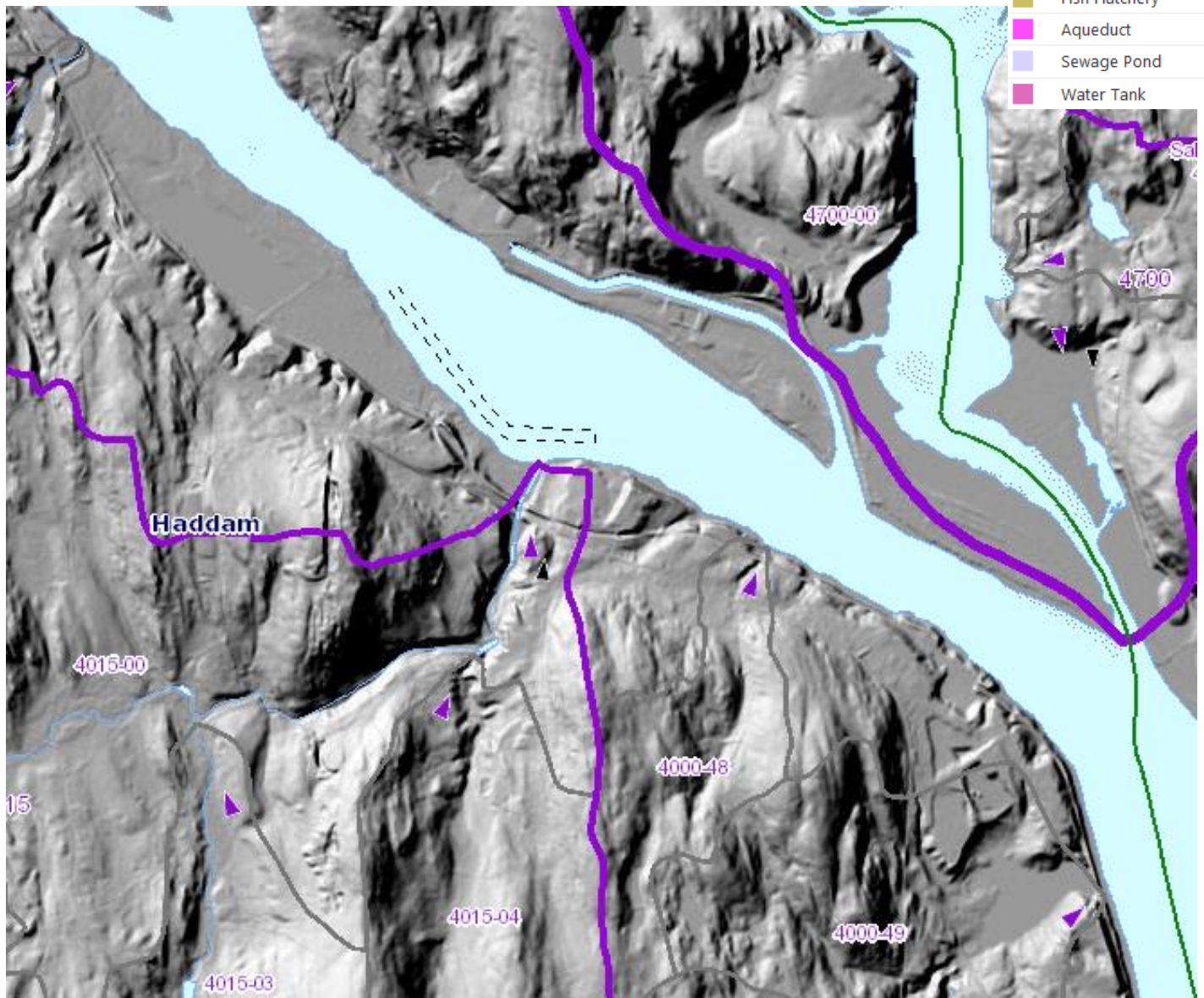
Watersheds from the CT Dept. of Energy and Environmental Protection. More information in the CT ECO Data Guide

[http://cteco.uconn.edu/guides/Local\\_Basin.htm](http://cteco.uconn.edu/guides/Local_Basin.htm).

Hydrography from the USGS.

Basemap is Hillshade derived from Lidar.

	Major Basin
	Regional Basin
	Subregional Basin
	Local Basin
	Outlet Direction
	Main Stem Direction
	Coastal Direction
	Water
	Intermittent Water
	Flats
	Rocks
	Inundated Area
	Marsh
	Cranberry Bog
	Dam
	Fish Hatchery
	Aqueduct
	Sewage Pond
	Water Tank





# Habitat

Critical Habitat from the CT Dept. of Energy and Environmental Protection. More information in the CT ECO Data Guide

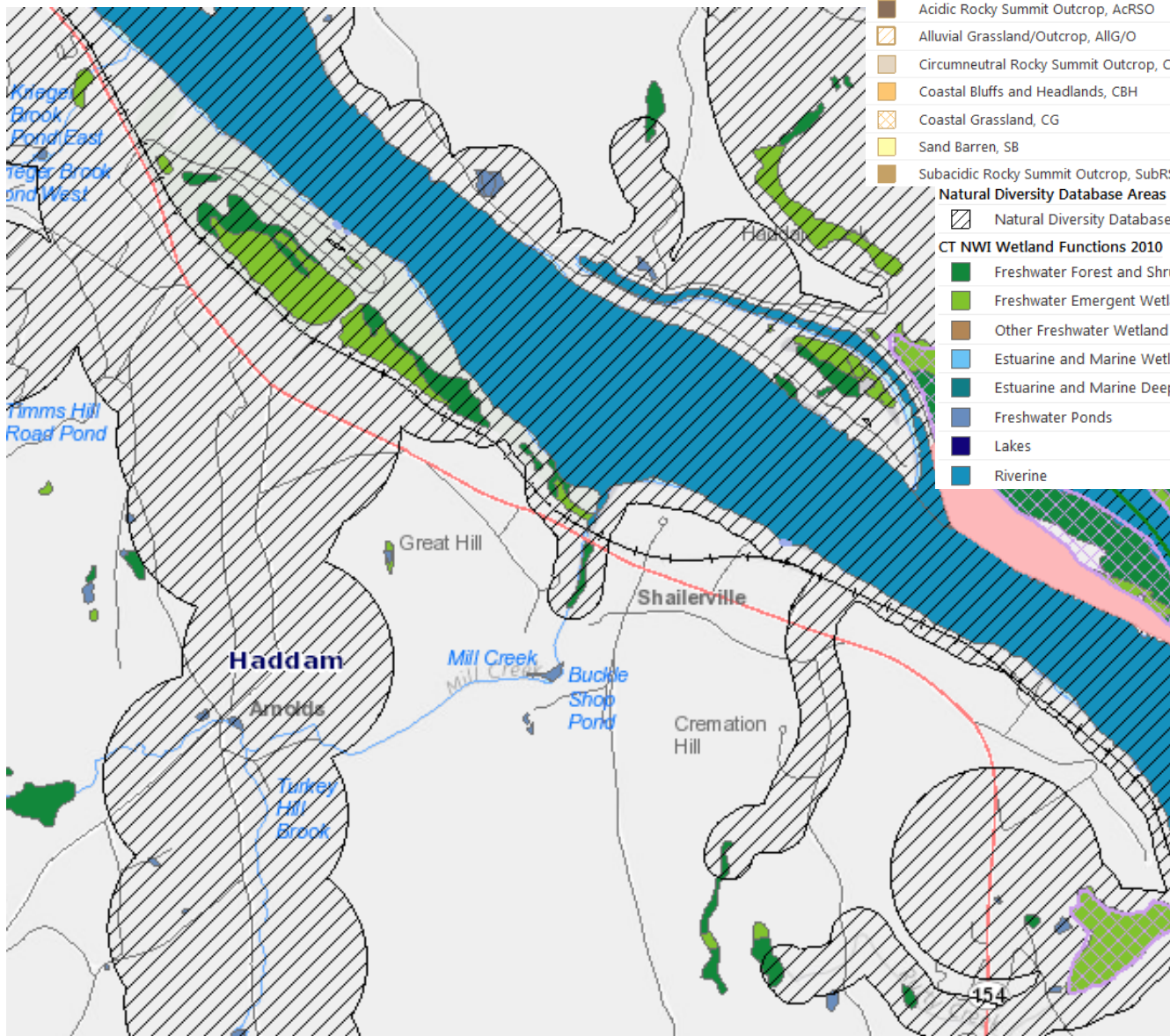
[http://cteco.uconn.edu/guides/Critical\\_Habitat.htm](http://cteco.uconn.edu/guides/Critical_Habitat.htm).

Natural Diversity Database from the CT Dept. of Energy and Environmental Protection. More information in the CT ECO Data Guide

[http://cteco.uconn.edu/guides/Natural\\_Diversity\\_Database.htm](http://cteco.uconn.edu/guides/Natural_Diversity_Database.htm)

Wetlands from the National Wetlands Inventory

Critical Habitat	
	Beachshore, B
	Intertidal Marsh, IM
	Acidic Atlantic White Cedar Swamp, AAWCS
	Acidic Red/Black Spruce Basin Swamp, AcR/BSS
	Circumneutral Northern White Cedar Swamp, CirNWCS
	Floodplain Forest, FF
	Beachshore, B
	Circumneutral Spring Fen, CirSF
	Floodplain Forest, FF
	Freshwater Aquatic, FA
	Medium Fen, MF
	Poor Fen, PF
	Rich Fen, RF
	Sea Level Fen, SLF
	Coastal Woodland/Shrubland, CWS
	Dry Acidic Forest, DAF
	Dry Circumneutral Forest, DCF
	Dry Subacidic Forest, DSF
	Old Growth Forest, OGF
	Subacidic Cold Talus Forest/Woodland, SubCTFW
	Acidic Rocky Summit Outcrop, AcRSO
	Alluvial Grassland/Outcrop, AllG/O
	Circumneutral Rocky Summit Outcrop, CirRSO
	Coastal Bluffs and Headlands, CBH
	Coastal Grassland, CG
	Sand Barren, SB
	Subacidic Rocky Summit Outcrop, SubRSO
Natural Diversity Database Areas	
	Natural Diversity Database Area
CT NWI Wetland Functions 2010	
	Freshwater Forest and Shrub Wetlands
	Freshwater Emergent Wetland
	Other Freshwater Wetland
	Estuarine and Marine Wetlands
	Estuarine and Marine Deep Water
	Freshwater Ponds
	Lakes
	Riverine

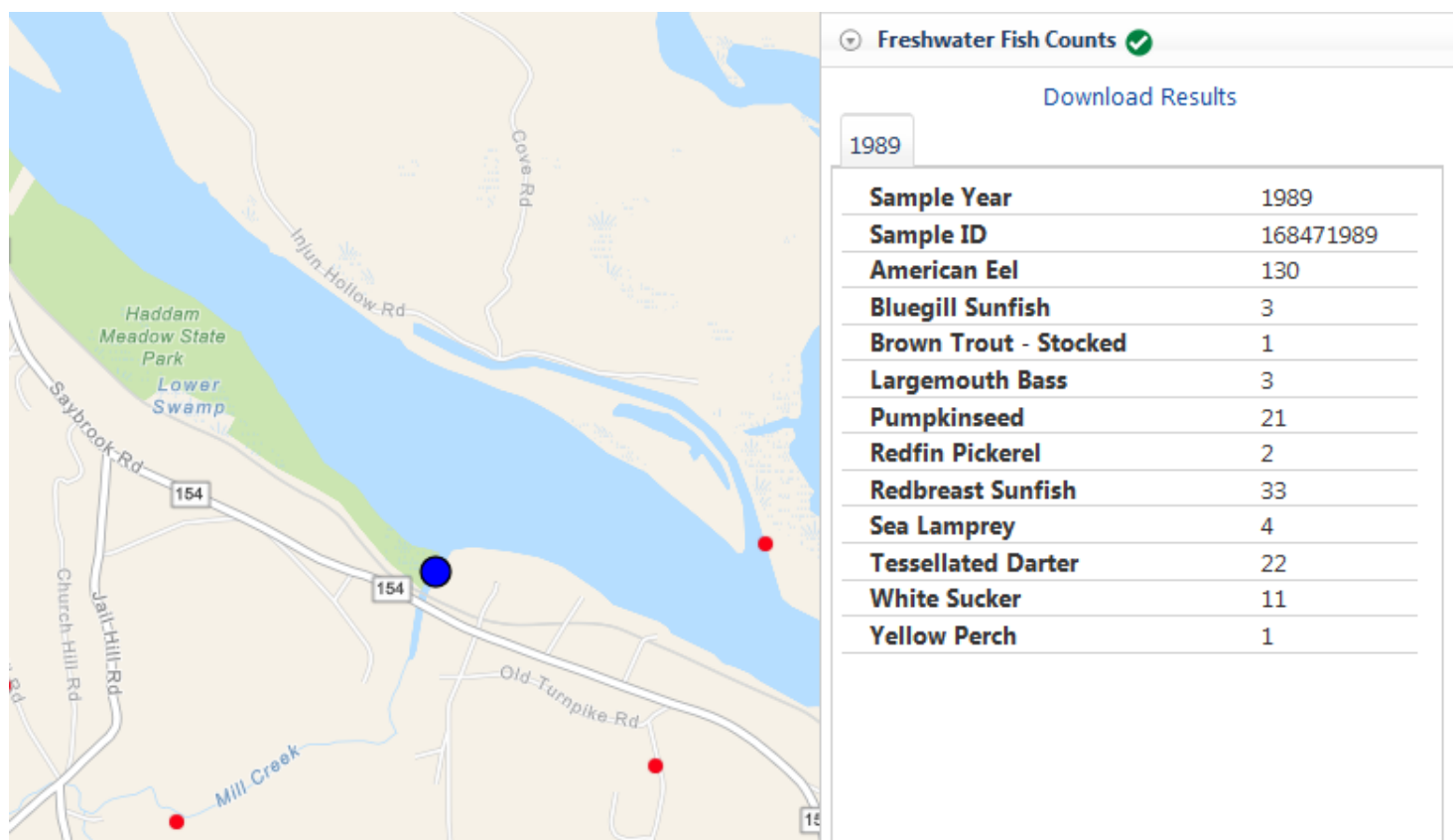


# Fish

The CT DEEP Fish Community Data – Inland Waters viewer contains fish sampling locations and sample results across Connecticut.

Go to the Fish portion of the CT ECO website for more information

<http://cteco.uconn.edu/projects/fish/index.htm>.



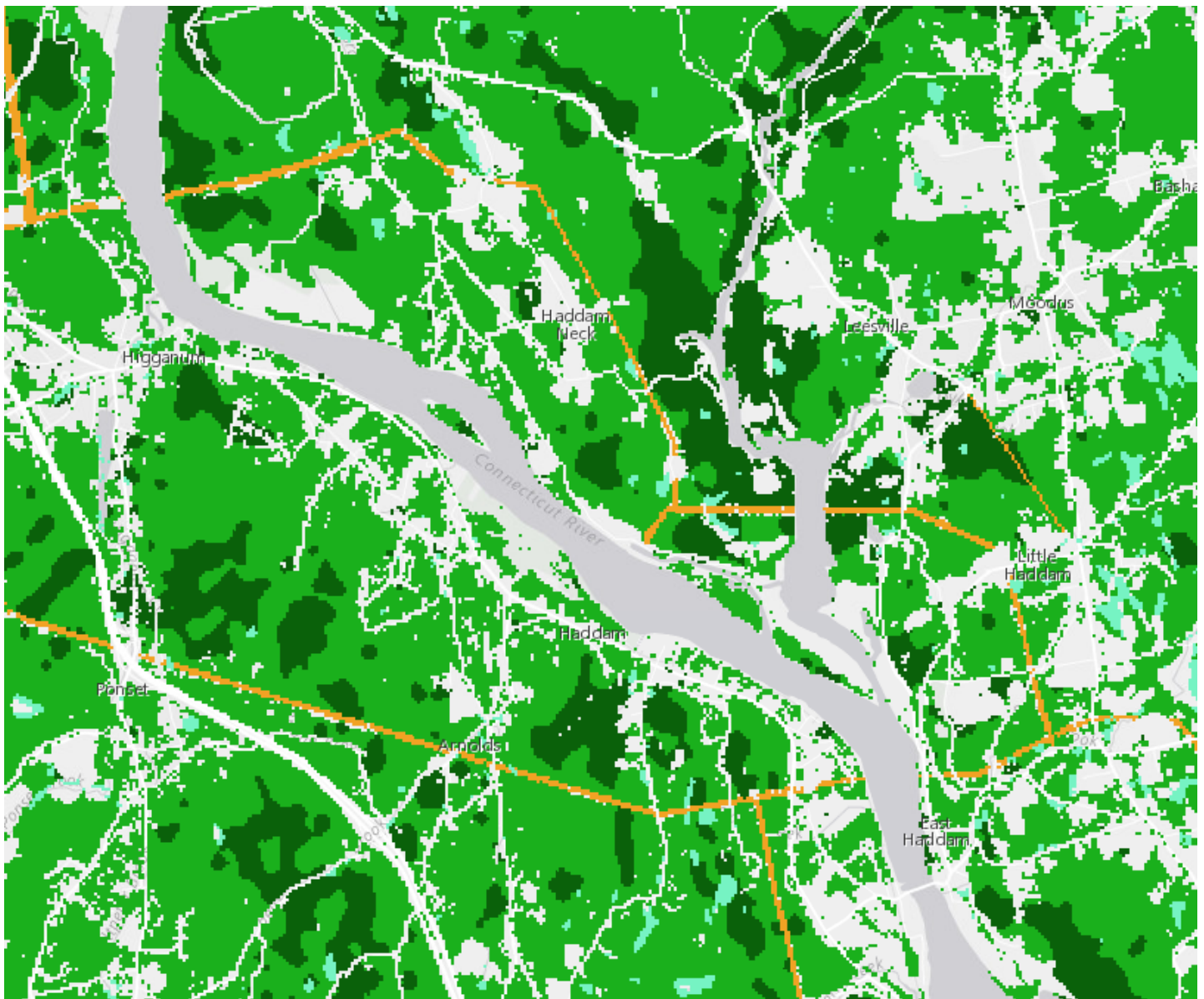
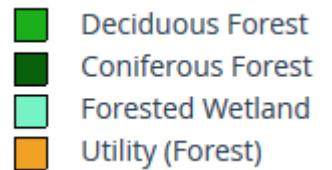


# Forest Cover

Forest cover in 2010 shown from Landsat satellite-derived land cover produced by UConn CLEAR.

More information <http://clear.uconn.edu/projects/landscape/>.

The land cover is displayed in the Connecticut's Changing Landscape story map <http://s.uconn.edu/ctstory>.



# Forest Change

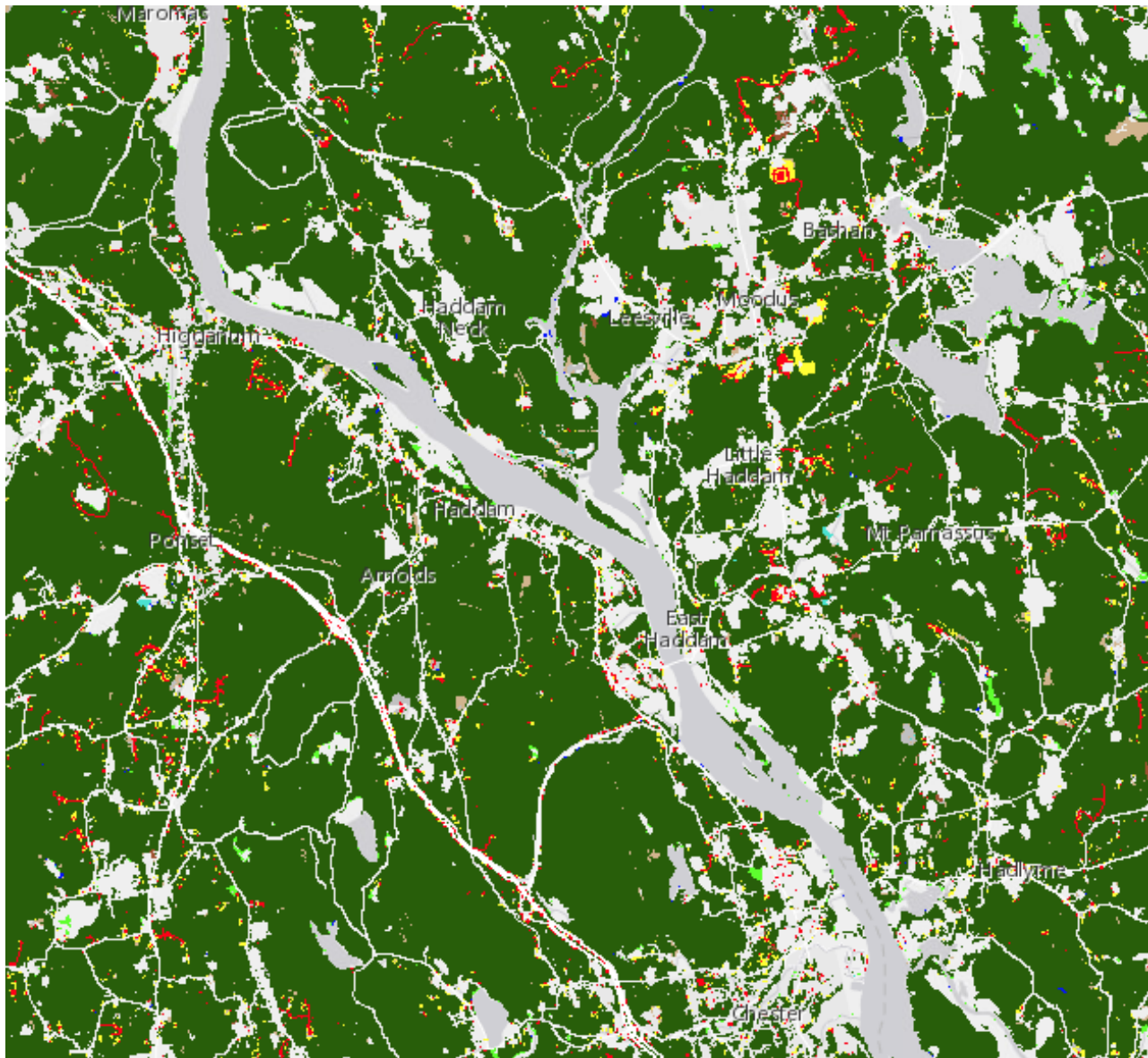
Change in forest cover in from 1985 to 2010 shown from Landsat satellite-derived land cover produced by UConn CLEAR.

More information <http://clear.uconn.edu/projects/landscape/>.

The land cover is displayed in the Connecticut's Changing Landscape story map <http://s.uconn.edu/ctstory>.

## Forest Loss

- Gain in Forest
- Forest No Change
- Forest to Ag Field
- Forest to Barren
- Forest to Developed
- Forest to Other Grass
- Forest to Turf Grass
- Forest to Water
- Forest to Wetland



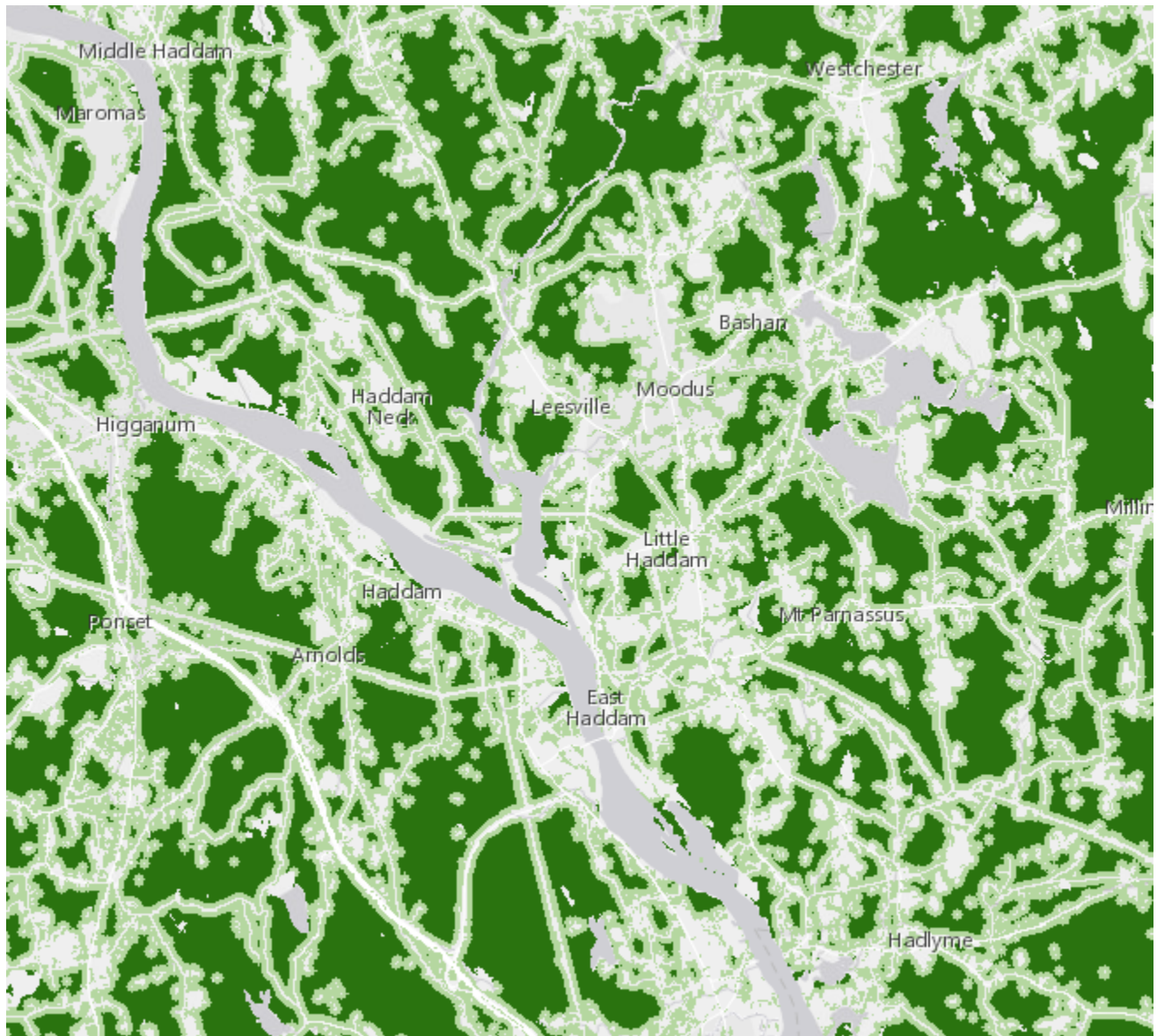
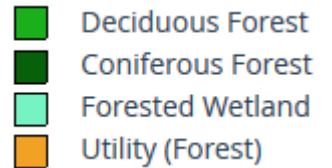


# Core Forest

Core forest in 2010 is an output of a model applied to Landsat satellite-derived land cover produced by UConn CLEAR.

More information <http://clear.uconn.edu/projects/landscape/>.

The land cover is displayed in the Connecticut's Changing Landscape story map <http://s.uconn.edu/ctstory>.

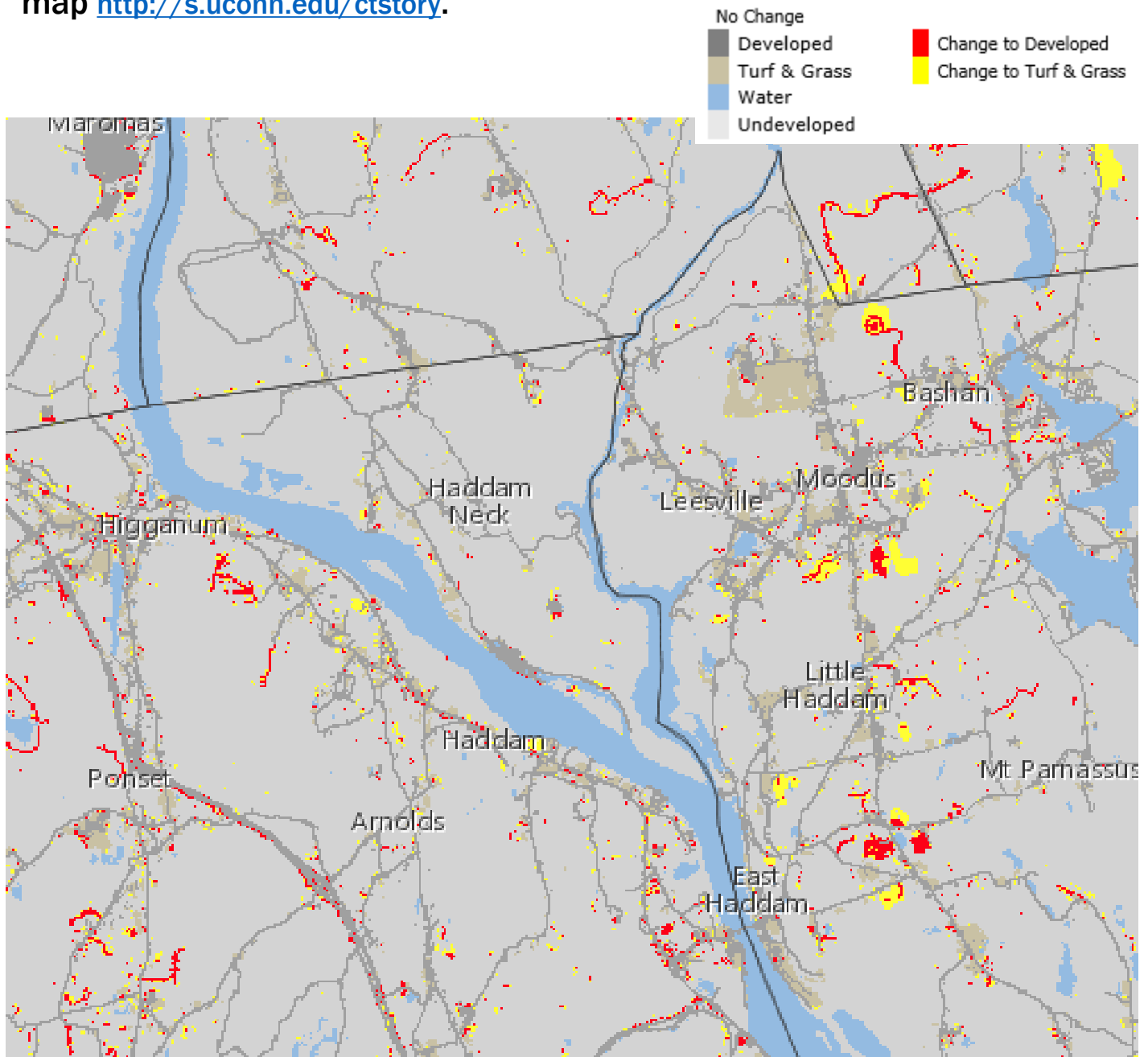


# Land Cover Change 1985-2010

Land cover change from 1985 to 2010 shown from Landsat satellite-derived land cover produced by UConn CLEAR.

More information <http://clear.uconn.edu/projects/landscape/>.

The land cover is displayed in the Connecticut's Changing Landscape story map <http://s.uconn.edu/ctstory>.





# 1934 Historic Aerial Photography

The 1934 aerial photography was the first government sponsored survey of an entire state <http://libguides.ctstatelibrary.org/hg/aerialphotos/history>.

The mosaic is available through the UConn Map and Geographic Information Center (MAGIC) [http://magic.lib.uconn.edu/mash\\_up/1934.html](http://magic.lib.uconn.edu/mash_up/1934.html).

