

# NATURAL DRAINAGE BASINS

## MAJOR, REGIONAL, SUBREGIONAL AND LOCAL WESTPORT, CONNECTICUT

### LEGEND

- Basin Boundary**
- Major Basin (purple)
- Regional Basin (dark purple)
- Subregional Basin (medium purple)
- Local Basin (light purple)
- Local Drainage Basin Direction**
- Outlet Direction (purple triangle)
- Main Stem Direction (red triangle)
- Coastal Direction (blue triangle)
- Elevation**
- High - 2,413 FT (orange)
- Low - 1 FT (green)

### EXPLANATION

This map shows the location and identification number of major, regional, subregional and local drainage basin boundaries used to serve as a municipal guide for drainage basin delineation and identification. Local basins make up larger subregional, regional and major drainage basin areas and are differentiated by their drainage basin boundary type and identification numbers. Arrows on the map represent general direction of surface water flow within local drainage basins. Local outlet direction is shown in purple. Main stem direction is shown in red. Coastal direction is shown in blue.

In order to create a three-dimensional effect, this map uses gradational shades of color rather than contour lines to depict elevation. Areas of low elevation in Connecticut are shown in light blue. Areas slightly higher in elevation are shown in light yellow, followed by green, orange, red, brown, grey and white for the highest elevations in Connecticut. This three-dimensional effect is also achieved by showing shadows cast on high ground as if sunlight is shining from the northwestern direction. As a result, the northwestern side of elevated areas is intentionally lighter in color than the southeastern side. Steeper slopes are represented with steeper, more vertical shadows, while flatter slopes are rougher with the southeastern side appearing darker in color. The elevation colors shown on this map do not represent vegetation or climate regions. For a more absolute determination of elevation for locations within a basin, refer to the companion map of Natural Drainage Basins that depicts elevation as contour lines instead of shaded relief.

Note: The major, regional and subregional drainage basin boundaries shown on this map are the same as those published on the 1:125,000-scale state map of Natural Drainage Basins in Connecticut, Meticulous 1983. The basin boundaries shown on this map may have been digitized from the 1:24,000-scale compilation sheets used to publish the state map of Natural Drainage Basins in Connecticut, 1983.

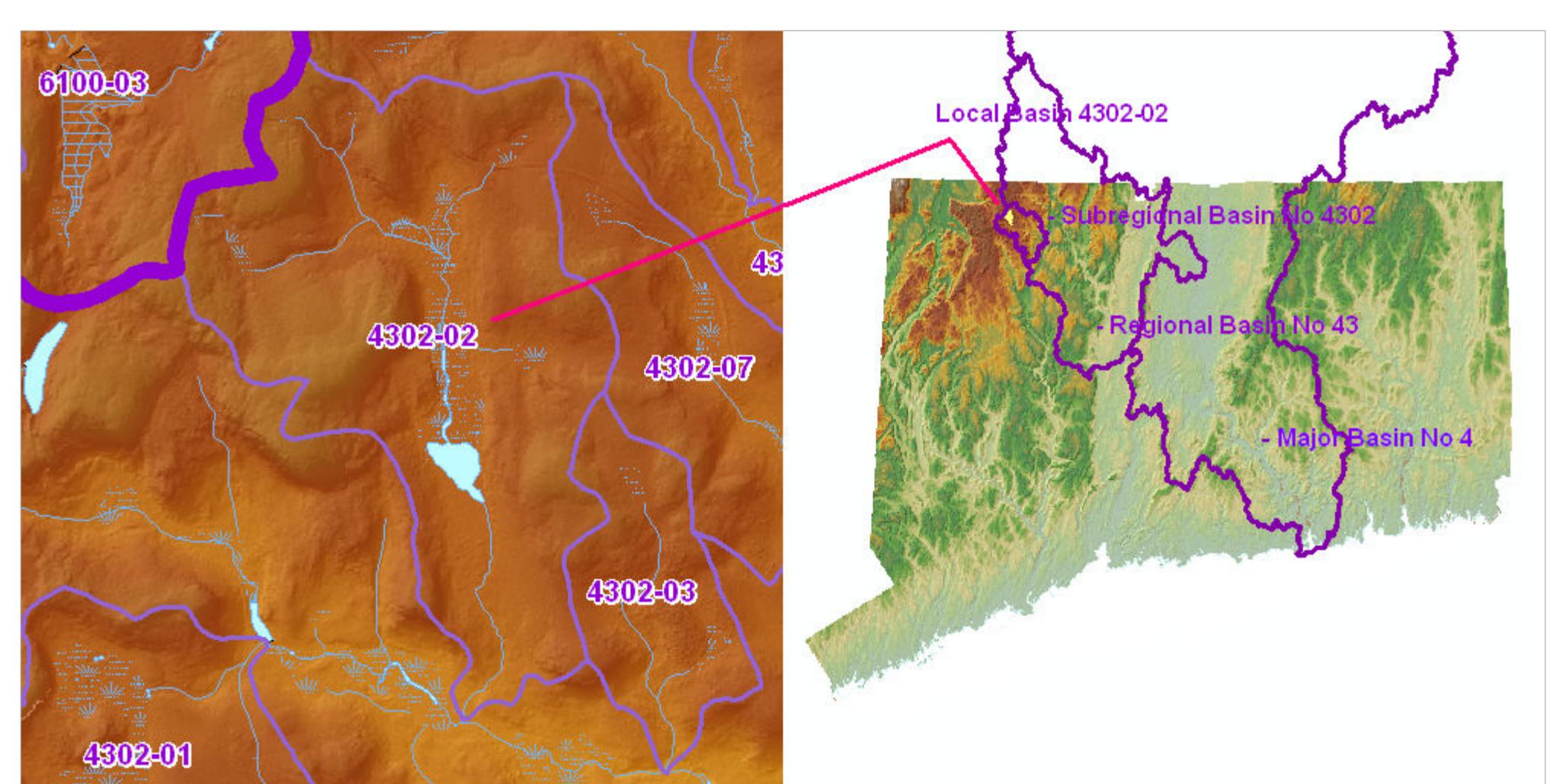


Figure 1. Example showing a typical local drainage basin and the subregional, regional, and major drainage basin it is part of.

### DATA SOURCES

**LOCAL DRAINAGE BASIN DATA** – The drainage basin information shown on this map is based on the following digital spatial data: Connecticut River drainage basin areas and Connecticut River drainage basin areas and boundaries. These two datasets were developed by CT DEP and depict major, regional, subregional, and local basin drainage areas and boundaries at 1:24,000-scale. These data depict drainage areas for Connecticut rivers, streams, brooks, lakes, reservoirs and ponds published on 1:24,000-scale 7.5 minute topographic quadrangle maps prepared by the USGS between 1969 and 1984.

**SHADED RELIEF ELEVATION DATA** – The data used to depict elevation on this map was developed by the University of Connecticut, College of Agriculture and Natural Resources, Center for Land Use Education and Research (CLEAR). The three-dimensional effect was created using a ground elevation and a hill shade dataset from the University of Connecticut derived from Connecticut's 2000 statewide LiDAR dataset.

**BASE MAP DATA** – Based on data originally from 1:24,000-scale USGS 7.5 minute topographic quadrangle maps published between

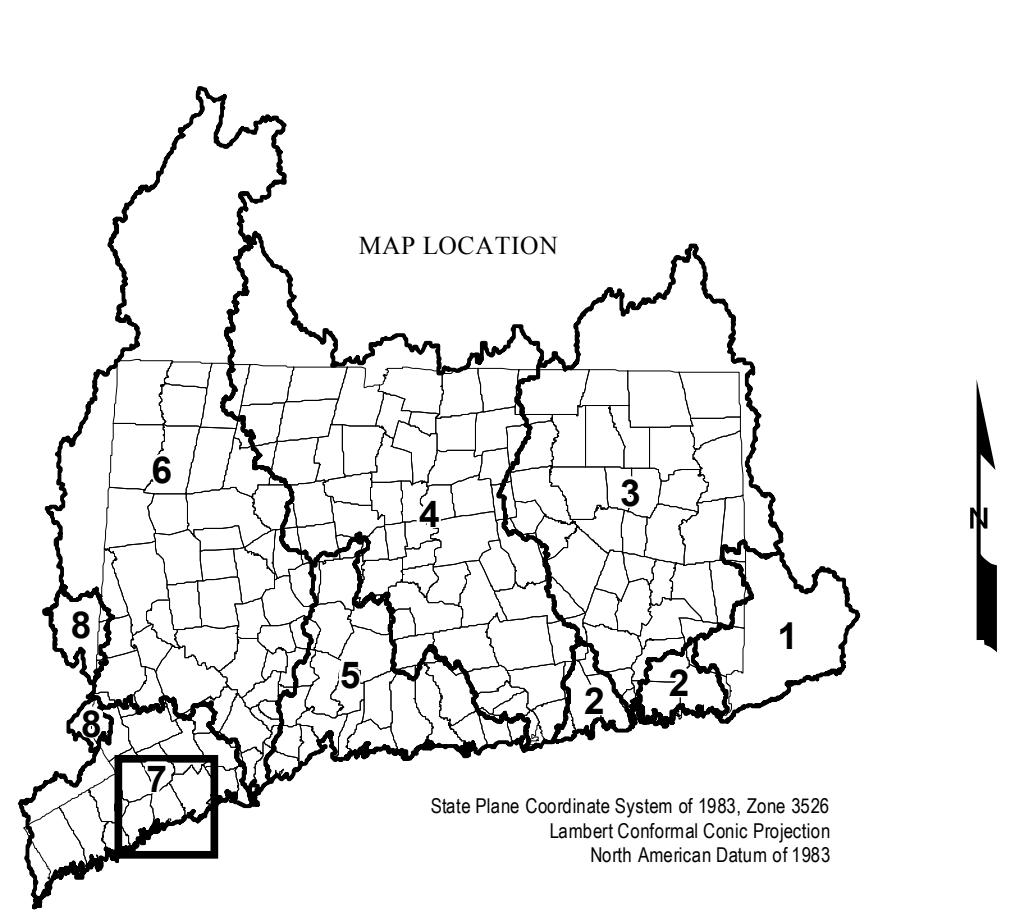
1969 and 1992. It includes political boundaries, railroads, airports, hydrography, geographic names and geographic places. Streets and street names are from Tele Atlas® copyrighted data. Base map information is either current or incomplete.

#### RELATED INFORMATION

The map is intended to be printed at its original dimensions in order to maintain the 1:24,000 scale (1 inch = 2000 feet).

To identify either all upstream basins draining to or all downstream basins flowing from a particular location, refer to the Gazetteer of Drainage Basin Areas of Connecticut, Nos. 1977, CT DEP Water Resources Bulletin 15, for the hydrologic sequence, headwater to outfall, of drainage basins.

**MAPS AND DIGITAL DATA** – Visit the CT ECO website for this map and a variety of others in PDF format. Visit the CT DEP website to download the digital spatial data shown on this map.



MAP LOCATION  
State Plane Coordinate System of 1983, Zone 3086  
Lambert Conformal Conic Projection  
North American Datum of 1983

SCALE 1:24,000 (1 inch = 2000 feet) when map is printed at original size (48 x 36 in)

Map created by CT DEP  
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Map is not colorfast

Protect from light and moisture



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