NATURAL DRAINAGE BASINS
MAJOR, REGIONAL, SUBREGIONAL AND LOCAL
NORTH CANAAN, CONNECTICUT

LEGEND

- Basin Boundary
- Major Basin
- Regional Basin
- Subregional Basin
- Local Basin

Local Drainage Basin Direction
- Coastal Direction
- Outlet Direction
- Coastal Subbasin

Elevation:
- High: 2,413 FT
- Low: 1 FT

EXPLANATION

This map shows the locations and topographic pattern of all the major, regional, subregional, and local drainage basins in the town of North Canaan, Connecticut. The natural drainage pattern depicts the flow of surface water, including rivers, streams, brooks, lakes, reservoirs, and ponds. The map is based on the following digital data:

1. University of Connecticut: The three-dimensional effect on this map was obtained from the University of Connecticut, which prepared 1:24,000-scale 7.5 minute topographic quadrangle maps. These maps are available for download from the University's website.

2. Connecticut DEP: The major, regional, and subregional drainage basin boundaries were developed by the Connecticut Department of Environmental Protection (CT DEP). These boundaries are delineated on this map to show the extent of each drainage basin.

3. CLEAR Project: The Education and Research (CLEAR) project created the data for this map using ground elevation and hill shade datasets. The three-dimensional effect was achieved by using these datasets to create a realistic visualization of the terrain.

DATA SOURCES

- University of Connecticut
- Connecticut DEP
- CLEAR Project

This map is intended to provide a comprehensive view of the natural drainage basins in North Canaan. It is useful for understanding the hydrological characteristics of the area, planning land use, and managing water resources.

To use this map effectively, refer to the Gazetteer of Natural Drainage Basins that provides information on the major, regional, and subregional drainage basins. This map shows the location and identification number of major, regional, and subregional drainage basin areas on this map. Drainage basin areas are numbered sequentially beginning upstream and proceeding downstream.

Figure 1 shows a typical local drainage basin and the subregional, regional, and major drainage basin it is part of. As illustrated in the diagram below, this signifies the subbasin numbers. To identify the subregional basin, refer to the companion map of Natural Drainage Basins that depicts the major, regional, and subregional drainage basin boundaries. The first seven digits (columns 1-2) identify the regional basin, the first 4 digits (columns 3-6) identify the subregional basin, and the last 3 digits (columns 7-9) identify the local drainage basin. Residential and commercial property development may alter the natural drainage pattern since the time these basin boundaries were delineated.

This map is designed to be used in conjunction with other sources of information to understand the natural drainage pattern. It is recommended to refer to topographic mapping for the most up-to-date and accurate information.