EXPLANATION

This map shows the drainage and flood control network of major, regional, subregional, and local drainage basins for the Town of Westbrook in southeastern Connecticut. The basins were delineated using topographic maps and USGS aerial photography published between 1969 and 1984. The basins were manually digitized and imported into a geographic information system (GIS). The elevation data was also digitized from USGS 7.5 minute topographic quadrangle maps published between 1969 and 1984.

The elevation data was converted to digital elevation model (DEM) format using the Advanced Filtering (AF) method of the ArcGIS software. The DEM was used to calculate the slope and aspect of the landscape.

The maps were then converted to PDF format and printed on color paper for distribution.

DATA SOURCES

The basins were delineated using topographic maps and USGS aerial photography published between 1969 and 1984. The elevation data was digitized from USGS 7.5 minute topographic quadrangle maps published between 1969 and 1984.

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