Contour lines are used to denote elevation above sea level. This map displays 20-foot contour lines based on the Connecticut LiDAR data for the year 2000. This information is only suitable for general planning and informational purposes. It is not intended for exact determinations of elevation where a survey is normally required, or for detailed engineering, building, or design purposes. The Connecticut LiDAR dataset of 2000 captured ground elevations every 20 feet or an horizontal accuracy of approximately 3 feet on the ground.

For unknown reasons, data was collected unevenly in some areas. This resulted in data gaps that affect the overall accuracy of the LiDAR data. This is evident in these contour lines. With this information, a general sense of the lay of the land can be conceptualized. Small gaps are characterized by widely spaced contour lines, while steep slopes are represented by closely spaced contour lines. Contour lines that cross streams flowing through valleys of noticeable relief will form a V-shaped deflection with the apex of the V pointing upstream.

DATA SOURCES

DEM DATA - All data is based on 1:12,000 scale and 1-foot resolution USGS digital elevation model (DEM) data. This data was obtained from the USGS and scaled it to 5 feet in data gain with consistent elevation values from contour lines on a 100-foot horizontal grid.

BASE MAP DATA - The base map digital spatial data shown on this map is in the Connecticut 2000 UTM Universal Transverse Mercator projection. The University of Connecticut, Center for Land Use Education and Research (CLEAR) created this base map data. The University of Connecticut, Center for Land Use Education and Research (CLEAR) created the base map digital spatial data shown on this map.

STREET DATA - Based on TeleAtlas copyrighted data.

CONTACT DATA - Derived from a statewide 10-foot Digital Elevation Model (DEM) dataset based on the Connecticut 2000 UTM Universal Transverse Mercator data. The University of Connecticut, Center for Land Use Education and Research (CLEAR) created this contact data.