Contour lines are used to display elevation above sea level. This map displays 20 foot contour lines based on the Connecticut LIDAR data for the year 2006. 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 for 2006 captured ground elevation over 20 feet at a vertical accuracy of approximately 3 feet on the ground.

For ambiguity reasons, data was collected incrementally in some areas. This resulted in data gaps that affect the overall quality of the contour lines displayed on this map. With this information, a general sense of the lay of the land can be assessed. Contour lines 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 a 3 arc-second digital elevation model (DEM) provided by the USGS. The DEM data is a 10-foot interval data set and is available through the USGS for free with a license for non-commercial use. The Connecticut LIDAR data is used to derive the contour line information.

STREET DATA - Based on TeleAtlas copyrighted data.

CONTOUR DATA - Derived from a statewide 10-foot Digital Elevation Model (DEM) database based on the Connecticut LIDAR LiDAR ground elevation data. The University of Connecticut, Center for Land Use Education and Research (CLEAR) has collected and processed the DEM and added it to a GIS in data gain with additional ground control from a NOAA 1:50,000-scale topographic map.

WEB MAP SERVICE 2012 - Visit the CT ECO website for this map and a variety of other GIS services. Visit the CT ECO website for more map services.