Contour lines are used to denote elevation above sea level. This map displays 20 foot contour lines based on LiDAR data for the year 2000. The information is only suitable for general planning and information 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 2000 captured ground elevation every 20 feet with 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 and appropriate use of derived data products such as surface based DEMs. Contour lines that cross streams flowing through gentle slopes 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

HiRes DEM - Used as the base layer in the LiDAR derived contour lines. The DEM is a 1 meter grid of elevation data that was used as input into the Contouring software to create the LiDAR derived contour lines. You can view the HiRes DEM data for this map at: http://ctweb.deas.uconn.edu/arcgis/services/1274/MapServer/arcgis
download.shp?

MSSP (2006) - Visit the CT DEP website for more information on this dataset. You can view the MSSP data at: http://ctweb.deas.uconn.edu/arcgis/services/1274/MapServer/arcgis
download.shp?

STREET DATA - Based on TeleAtlas copyrighted data.

CONTOUR DATA - Derived from a statewide 10 foot Digital Elevation Model (DEM) surfaced based on the Connecticut DEM-2000 general elevation data. This dataset was created by Clear, Inc. in 2000. This dataset was reclassified and edited to fill in data gaps with information from contour lines on MSSP to 1 meter scale topographic maps.

MAP PROJECTION: WGS 1984 - View the CT DEP website for this map and a variety of others in PDF format. Visit the CT DEP website to download the base map digital spatial data shown on this map.