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 for 2000 captured ground elevation every 20 feet with 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 contour feature data. Gaps caused by data loss are denoted in these contour lines. With this information, a general sense of the top of the land can be ascertained. Slope changes are characterized by widely spaced contour lines, while steep slopes are represented by closely spaced contour lines. Contour lines that cross streams flowing through canyons of noticeable relief will form a V-shaped deflection with the apex of the V pointing upstream.

**DATA SOURCES**

- CONTOUR DATA - Derived from a statewide 10-foot Digital Elevation Model (DEM) dataset based on the Connecticut 2000 LiDAR ground elevation data. 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 2000 captured ground elevation every 20 feet with horizontal accuracy of approximately 3 feet on the ground.

- STREET DATA - Based on Tele Atlas copyrighted data.

- BASE MAP DATA - All data is based on 1:24,000-scale and displays geographic names, places and geographic features. The University of Connecticut, Center for Land Use Education and Research (CLEAR) created the DEM and edited it to fill in data gaps with information from a statewide collection of ground elevation data. The Connecticut LiDAR ground elevation data was created in the Lambert Conformal Conic Projection.

- EXPLANATION

Map prepared by C2 GIS 2010. The Connecticut LiDAR dataset is available at the Connecticut ECO website. This map replaces a similar contour map that was dated August 2010.