Explaination

Contour lines are used to denote elevation above sea level. This map displays 20 ft contour lines based on LiDAR data for the year 2009. 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 2009 captured ground elevation over 4 ft with horizontal accuracy of approximately 3 feet on the ground.

For unknown reason, data was collected anemically in some areas. This resulted in data gaps that affect the overall contour lines. With this information, a general sense of the top of the land can be ascertained. Certain slopes are characterized by widely spaced contour lines, while steep slopes are represented by closely spaced contour lines. Contour lines that cross streams bisecting through the axes of noticeable relief will form a V-shaped deflection with the apex of the V pointing upstream.

Data Sources

BASE MAP DATA - All data is based on 1:24,000 scale and displays geographic names, towns and town boundaries, water bodies, roads, airports, and hydrography. Base map data is either current or complete.

STREET DATA - Based on TeleAtlas copyrighted data.

CONTOUR DATA - Derived from a statewide 30 foot Digital Elevation Model (DEM) surface based on the Connecticut 2008 LiDAR ground elevation data. The University of Connecticut Center for Land Use Education and Research (CLEAR) developed the LiDAR and edited it to fill in data gaps with information from contour lines in 400 ft by 400 ft scale topographic maps.

Copyright 2009 - Visit the CT 2009 website for this map and a variety of others in PDF format. Visit the CT 2007 website to downloaded the base map digital spatial data shown on this map.