# CONTOUR MAP
# Madison, CT
# (South)

## EXPLANATION

Contour lines are used to denote elevation above sea level. This map displays 20 foot contour lines based on information from a statewide collection of ground elevation 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 at a 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 these contour lines. With this information, a general sense of the lay of the land can be ascertained. 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

BASE MAP DATA - All data is based on 1:24,000 scale and displays geographic names, places and their symbols, town boundaries, railroads, airports, and hydrography. Base map data is neither current nor complete.

STREET DATA - Based on TeleAtlas copyrighted data.

CONTOUR DATA - Derived from a statewide 10-foot Digital Elevation Model (DEM) surface based on the Connecticut 2000 LiDAR ground elevation data. 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 contour lines on USGS 1:24,000-scale topographic maps.

MAPS AND DIGITAL DATA - Visit the CT ECO 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.

0 0.050.1 0.2 0.3 0.4 Miles

State Plane Coordinate System of 1983, Zone 3526
Lambert Conformal Conic Projection
North American Datum of 1983

Map prepared by CT DEP, May 2011.
This map replaces a similar contour map that was dated August 2010.

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