

LIST OF MAP UNITS



Figure 1: A morphosequence is a body of meltwater deposits composed of a continuum of land forms, grading from ice-contact forms (eskers, kames) to non-ice-contact forms (flat valley terrace, delta plains), that were deposited simultaneously at and beyond the margin of a glacier, graded to a specific base level. Grain-size decreases from coarse gravel at ice-contact heads, through sand and gravel and sand beneath delta plains and foreset slopes to silt and clay in lake-bottom deposits (after Stone and others, 2005).

Figure 2: Scenario for morphosequence development in ice-dammed (Top) and sediment-dammed basins (Bottom). The mechanism of impoundment and the chronological and topographic positions of the deposits are related to the orientation of the basins relative to the direction of ice retreat. These relationships are reflected in the organization and color coding of the List of Map Units (after Stone and others, 2005).

Postglacial deposits provide locally important ecological, agricultural, commercial,

DATA SOURCES

COUNTY DATA - Derived from Connecticut's 2000 statewide LiDAR (Light Detection And Ranging), dataset by the University of Connecticut, College of Engineering and Natural Resources. The data is a vector file of the Connecticut Environment. These data are a Beta product intended for research and demonstration purposes. NOTE: Contour line data is known to be incorrect in some areas due to inaccuracies in the underlying data used to generate the specific contour lines. Areas where contour lines are too straight or angular, do not naturally curve where expected, or don't exist where they probably should do not indicate errors in the data.

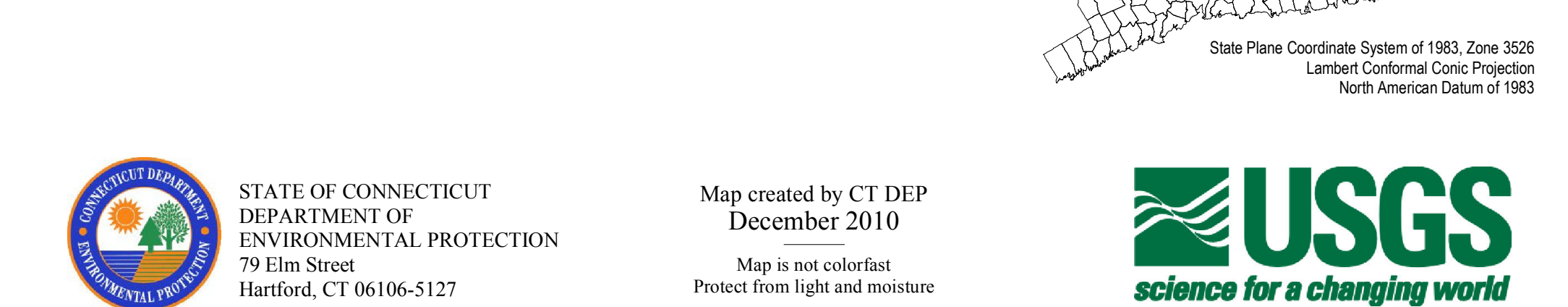
MAP LOCATION


0 0.25 0.5 1 1.5 2 Miles

0 1,125 2,250 4,500 6,750 9,000 Feet


0 0.25 0.5 1 1.5 2 Kilometers

SCALE: 1:24,000 (1 inch = 2,000 feet) when map is printed at original size (48 x 36 in)




 STATE OF CONNECTICUT
 DEPARTMENT OF
 ENVIRONMENTAL PROTECTION
 79 Elm Street
 Hartford, CT 06106-5127

Map created by CT DEP
 December 2010
 Map is not colorfast
 Protect from light and moisture


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