QUATERNARY GEOLOGY

LIST OF MAP UNITS

PHYSIOGRAPHIC DEPOSITS - late Holocene, late Wisconsinan
- Artificial Fill
- Coastal Beach and Dune Deposits
- Gold Mining Deposits
- Floodplain/Alluvium
- Swamp Deposits
- Tufa

EASTERN PHYSIOGRAPHIC DEPOSITS - early Holocene, late Wisconsinan
- Shoreline Deposits
- Sand Dune Deposits

Explanation of Map Symbols
- Area of glacio-fluvial deposits grading to glacial lake
- Area of lake-basin sediments
- Draining Divide - Boundary between major geologic basins
- Draining Divide - Boundary between major geologic basins (dividing it into north-draining and south-draining regions)

EXPLANATION

Quaternary Geology is a 1-2,400-year-old phenomenon that has been growing, extending and evolving in Connecticut during the Holocene epoch, which dates from 10,000–2,000 years ago to the present and includes the Pleistocene and Holocene (geological epochs). This phenomenon is a series of geologic and geomorphic events that have occurred during the Holocene, including the development of the modern landscape and the evolution of the state's natural resources. The Connecticut Department of Environmental Protection (CT DEP) is responsible for the management and protection of Connecticut's natural resources, including the Quaternary Geology Map of Connecticut and Long Island Sound Basin.

Quaternary deposits are divided into three main categories: glaciofluvial, glacial, and postglacial. Glaciofluvial deposits are those deposited by glacial meltwater, including deltas, river bottoms, lake bottoms, and inland dunes. Glacial deposits are those deposited by glaciers, including till, loess, loessic, and drumlins. Postglacial deposits are those deposited after the glaciers retreated, including marine and lacustrine deposits.

Quaternary Geology Map of Connecticut and Long Island Sound Basin
- Data Sources
- Map Location
- Explanation of Map Symbols
- Radiocarbon-Dated Locality
- Deltaic Bedding Locality
- Inferred Glacial Spillway
- Glacial Lake Spillway
- Glacial Striation or Groove
- Inferred Ice Margin Position
- Ice Margin Position
- Inferred Ice Contact (collapsed)
- Ice-Contact (collapsed)
- North-Draining Basin
- South-Draining Basin

DATA SOURCES
- Quaternary Geology Map of Connecticut and Long Island Sound Basin
- Map created by CT DEP
- Published by DEP
- Permission to use images and text

STATE OF CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION
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