



EXPLANATION

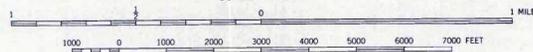
- Artificial fill
- Alluvium
Sand, silt, clay, and gravel; floodplain deposits of present streams. Point bar
- Slidrock
Angular rock fragments accumulated on steep slopes or at cliff bases.
- Swamp deposits
A mixture of decayed vegetation, sand, silt, and clay, in poorly drained areas.
- Terrace alluvium
Thin cover of sand and gravel capping terraces of the Connecticut and Mattabesett Rivers.
- Wind-blown sand
Yellowish-brown, medium-to fine-grained sand, in dunes.
- Glacial till
Sediment deposited directly by glacier ice, varying from a compact, nonsorted stony till to a till derived chiefly from sorted clay.
- Beach deposits of Lake Hitchcock
Mainly flat to angular pebbles with minor amounts of sand.
- Glacial till
Sediment deposited directly by glacier ice, varying from a compact, nonsorted stony till to a till derived chiefly from sorted clay.
- Triassic sedimentary bedrock
Mainly arkose interbedded with conglomerate, shale, and sandstone.
- Triassic igneous bedrock
Basaltic lava flows interbedded with sedimentary rocks.
- Geologic contacts
Dashed where approximately located.
- Glacial-drainage outlet
M, meltwater spillway
H, Lake Hitchcock outlet or spillway
- Lake Hitchcock shoreline
- Direction of glacial striations and/or grooves; tip of arrow marks locality
- Drumlin
Line oriented parallel to long axis of drumlin.
- Pit
Letter symbols indicate approximate size distribution in decreasing order of importance: g, gravel; s, sand; c, clay; t, till
- Quarry

GEOLOGIC MAP OF THE HARTFORD SOUTH QUADRANGLE, CONNECTICUT

Base map by U.S. Geological Survey
Control by USGS, USC&GS, and Connecticut Geodetic Survey
Planimetry by photogrammetric methods from aerial photographs taken 1941. Topography by planimetric surveys 1942 and 1943. Revised 1964
Selected hydrographic data compiled from USC&GS Chart 267 (1962)
This information is not intended for navigational purposes
Polyconic projection. 1927 North American datum
10,000-foot grid based on Connecticut coordinate system
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State of Connecticut

Surficial Geology by R. E. Doane in 1954 and 1962

SCALE 1:24000



CONTOUR INTERVAL 10 FEET

DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 1.7 FEET

