

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HAMPDEN QUADRANGLE
MASSACHUSETTS-CONNECTICUT
7.5 MINUTE SERIES (TOPOGRAPHIC)

EXPLANATION

Map units indicate ranges in depth to bedrock (ledge) below land surface. Locations of most bedrock outcrops and areas of less than 10 feet to bedrock were obtained from the geologic quadrangle map (Colton, 1971). Additional depths to bedrock are inferred from logs of wells and test holes, and excavations for sewer lines, water lines, and foundations.

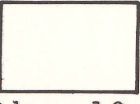
Depths shown are a generalization of localized highly variable conditions and do not include any weathered (decomposed) bedrock. For these reasons, this map should not be used as a substitute for detailed site evaluation.

Depth to Bedrock

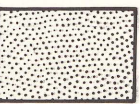


0 feet

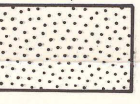
Bedrock outcrop (ledge)



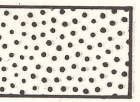
Less than 10 feet
May include outcrops too small to be mapped individually



10 - 50 feet



50 - 100 feet



100 - 150 feet

References

Colton, R.B., 1971, Surficial geologic map of the Hampden quadrangle, Massachusetts and Connecticut: U.S. Geol. Survey open-file report, 3 sheets.

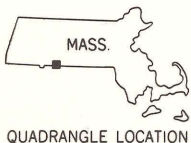
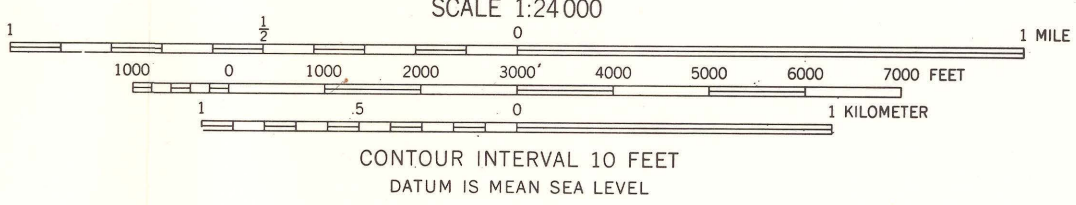
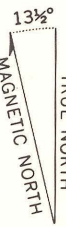
Cushman, R.V., Baker, J.A., and Meikle, R.L., 1964, Records and logs of selected wells and test borings and chemical analyses of water in north-central Connecticut: Connecticut Water Resources Bull. 4, 27 p.

Petersen, R.G., and Maevsky, Anthony, 1962, Western Massachusetts area: Massachusetts Water Resources Comm. Basic-Data Rept. 6, Ground-Water Ser., 31 p.

Ryder, R.B., and Weiss, L.A., 1971, Hydrogeologic data for the upper Connecticut River basin, Connecticut: Connecticut Water Resources Bull. No. 25 54 p.



Base from U.S. Geological Survey, 1958
Photorevision as of 1970
10 000-foot grids based on Massachusetts coordinate system,
mainland zone, and Connecticut coordinate system,
1000-meter Universal Transverse Mercator grid ticks,
zone 18, shown in black



Compiled in part from data gathered in cooperation
with the Massachusetts Water Resources
Commission, Division of Water Resources and the
Connecticut Department of Environmental
Protection

DEPTH TO BEDROCK,
HAMPDEN QUADRANGLE,
MASSACHUSETTS — CONNECTICUT

By
Clark J. Lundquist
1973