

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WARREN QUADRANGLE
MASSACHUSETTS
7.5 MINUTE SERIES (TOPOGRAPHIC)



EXPLANATION

Contours show the altitude of the bedrock surface. The position of the contours is based largely on data from wells and test holes supplemented by knowledge of the geologic history of the region.

The map shows the configuration of the bedrock surface if all unconsolidated earth materials were removed.

CONTOUR, In feet above or below (-) mean sea level. Hachures show closed depressions. Contour interval 50 feet.

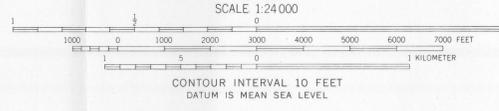
REFERENCES

Petersen, R.G., and Maevsky, Anthony, 1962, Massachusetts basic-data report no. 6, ground-water series, Western Massachusetts area: U.S. Geol. Survey open-file report, 31 p.

Pomeroy, J.S., Map showing unconsolidated materials, Warren quadrangle, Massachusetts: U.S. Geol. Survey Misc. Field Studies Map MF-541 B.

Weston Geophysical Engineers, 1967, Compilation of geophysical studies conducted by Weston Geophysical Engineers, Inc. throughout Massachusetts for Massachusetts Water Resources Commission: Weston, Mass., Weston Geophys. Eng. Inc., 12p. plus maps and cross sections.

Base from U.S. Geological Survey, 1969, 10,000-foot grid based on Massachusetts coordinate system, mainland zone, 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.



CONTOUR MAP OF THE BEDROCK SURFACE,
WARREN QUADRANGLE,
MASSACHUSETTS

By
Clark J. Londquist
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