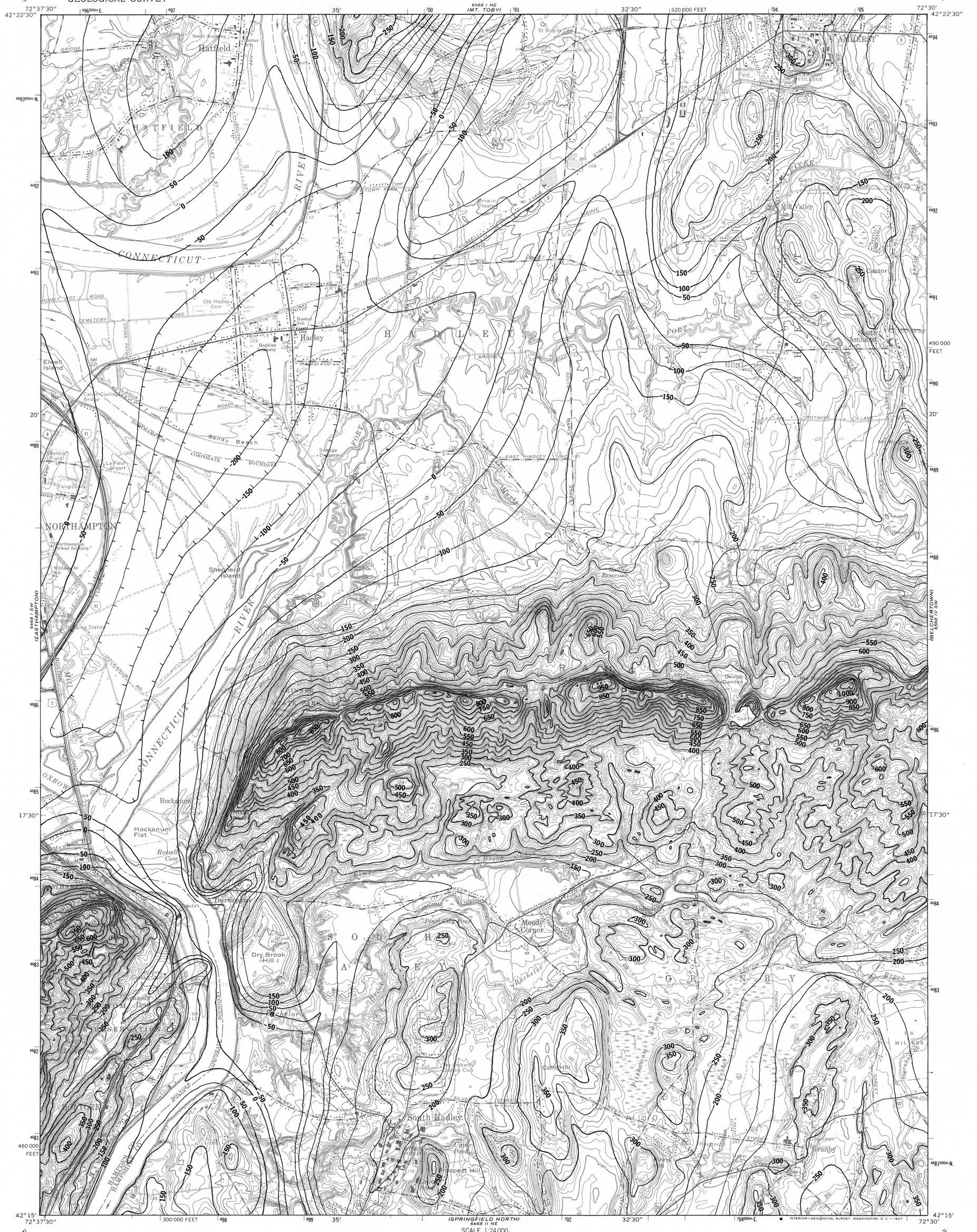
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS




## EXPLANATION

Contours show the altitude of the bedrock surface. The position of the contours is based largely on data from wells and test holes (Petersen and Maevsky, 1962), geophysical studies (Weston Geophysical Engineers, 1967), and the published geologic map (Balk, 1957) 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.

250

CONTOUR, In feet above or below (-) mean sea level. Hachures show closed depressions. Contour interval 50 feet (15 metres).

### REFERENCES

Balk, Robert, 1957, Geology of Mount Holyoke quadrangle, Massachusetts: Geol. Soc. America Bull., v. 68, no. 4, p. 481-504.

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

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., 2 parts including maps and graphs.

# CONTOUR MAP OF THE BEDROCK SURFACE, MOUNT HOLYOKE QUADRANGLE, MASSACHUSETTS

By

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1975