

EXPLANATION

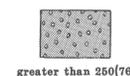
Map units indicate ranges in depth to bedrock (ledge) below land surface. The locations of bedrock outcrops (ledge exposed at land surface) were obtained from published surficial and bedrock geologic maps (Langer, 1977, and Herz, 1956). Depths to bedrock are interpreted from the bedrock contour map (Ryder and Handman, 1974), from logs of wells and test holes (Ryder and Weiss, 1971), and from seismic-refraction profiles (Grady and Handman, 1983).

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

DEPTH TO BEDROCK, in feet (meters)

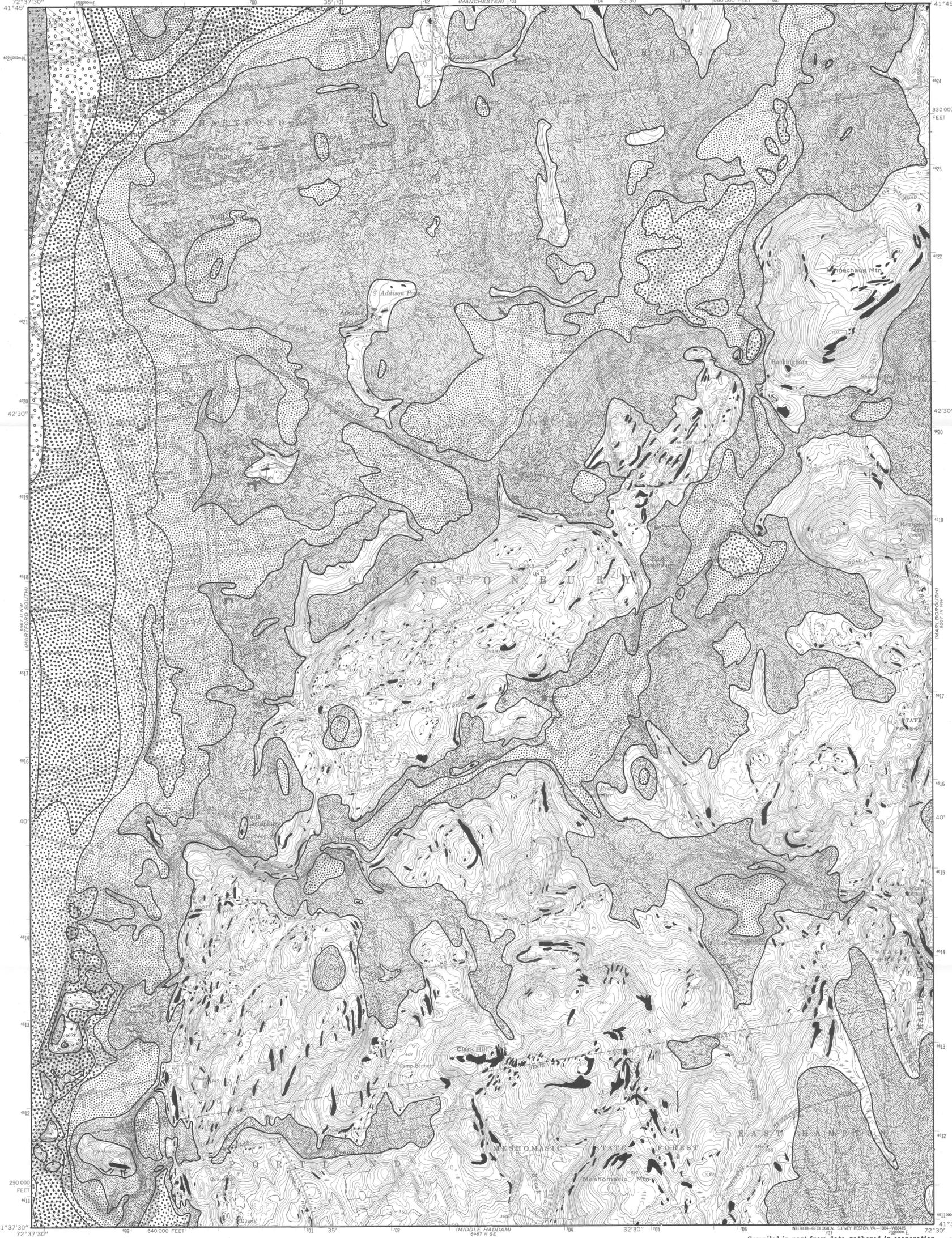


Shows bedrock outcrops in black, may include numerous closely spaced small outcrops not mapped separately.

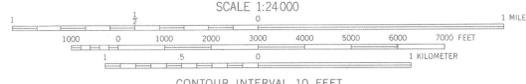
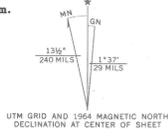


REFERENCES

- Grady, S.J., and Handman, E.H., 1983, Hydrogeologic evaluation of selected stratified-drift deposits in Connecticut: U.S. Geological Survey Water-Resources Investigations Report 83-4010. (In press)
- Herz, Norman, 1956, The bedrock geology of the Glastonbury Quadrangle, Connecticut: Connecticut State Geological and Natural History Survey Quadrangle Report 5, 22 p.
- Langer, W.H., 1977, Surficial geologic map of the Glastonbury Quadrangle, Hartford and Middlesex Counties, Connecticut: U.S. Geological Survey Geologic Quadrangle Map GQ-1354.
- Ryder, R.B., and Handman, E.H., 1974, Contour map of the bedrock surface, Glastonbury Quadrangle, Connecticut: U.S. Geological Survey Miscellaneous Field Studies Map MF-561 B.
- Ryder, R.B., and Weiss, L.A., 1971, Hydrogeologic data for the upper Connecticut River basin, Connecticut: Connecticut Water Resources Bulletin 25, 54 p.



Base from U.S. Geological Survey, 1964
Photorevision as of 1962
10,000 foot grid based on Connecticut coordinate system.
1000-meter Universal Transverse Mercator grid ticks.
zone 18, shown in black



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
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 2.2 FEET



Compiled in part from data gathered in cooperation with the Connecticut Department of Environmental Protection

MAP SHOWING DEPTH TO BEDROCK,
GLASTONBURY QUADRANGLE,
CONNECTICUT

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