

EXPLANATION

Map units indicate ranges in depth to bedrock (ledge) below land surface and inland bodies of water. The locations of bedrock outcrops and the areal distribution of the map unit "0-10 feet (0-3 metres)" to bedrock were obtained from the surficial geologic map for the Branford quadrangle (Flint, 1964) and from additional work by Brown (1974a). Depths to bedrock are inferred from logs of wells and test holes (Mazzaferro, 1973) supplemented by data from the contour map of the bedrock surface for the Branford quadrangle (Brown, 1974b).

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 onsite evaluation.

DEPTH TO BEDROCK

0 to 10 ft  
(0-3 m)

Bedrock outcrop (black)  
(Ledge exposed at land surface)

10 to 50 ft  
(3-15 m)

50 to 100 ft  
(15-30 m)

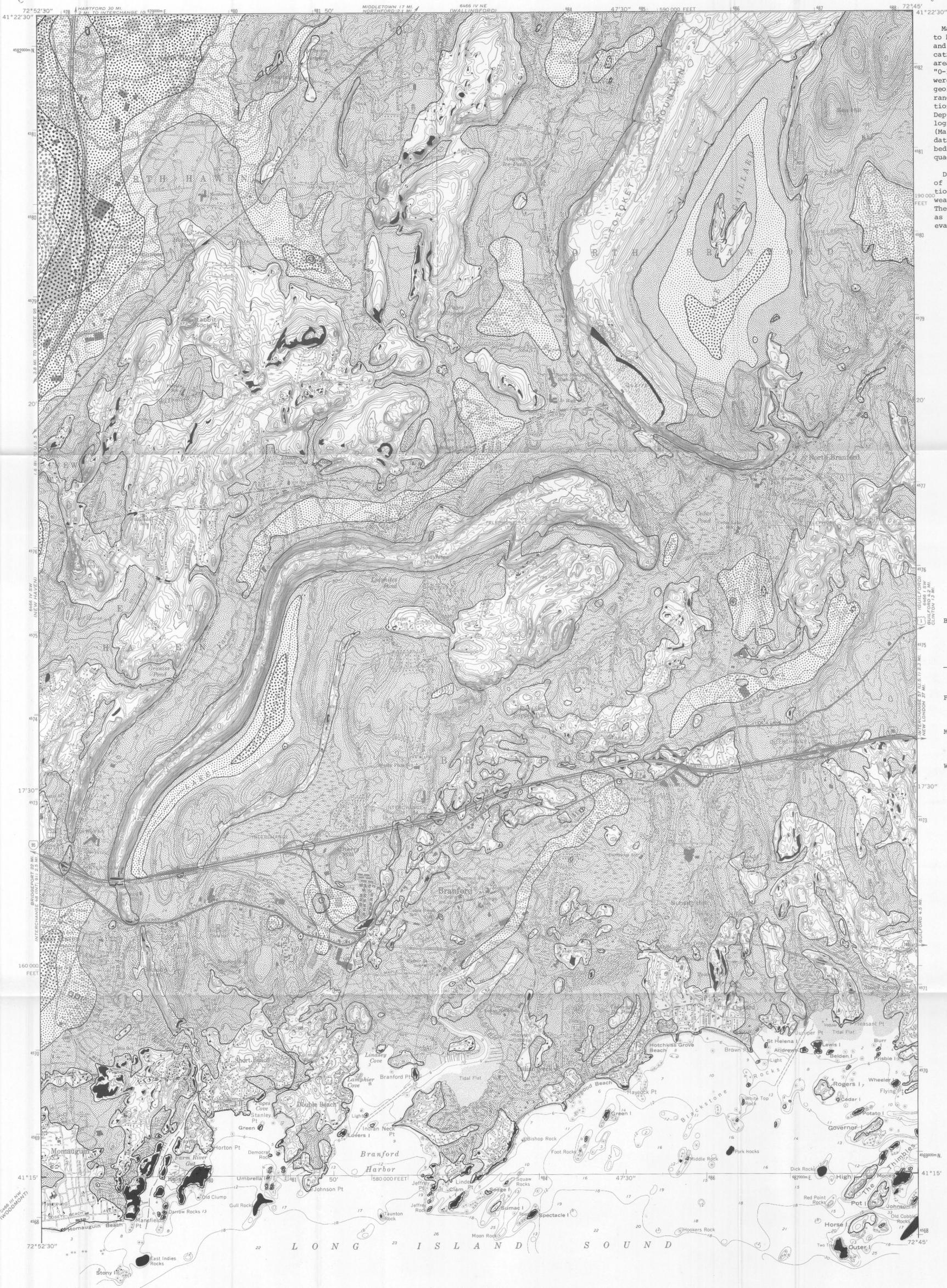
100 to 150 ft  
(30-46 m)

150 to 200 ft  
(46-61 m)

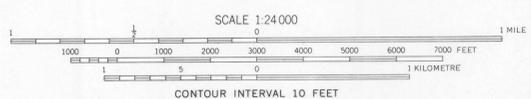
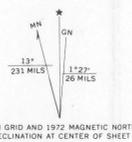
Greater than 200 ft  
(61 m)

REFERENCES

- Brown, C.E., 1974a, Map showing unconsolidated materials, Branford quadrangle, Connecticut: U.S. Geol. Survey Misc. Field Studies Map MF-560 A.  
1974b, Contour map of the bedrock surface, Branford quadrangle, Connecticut: U.S. Geol. Survey Misc. Field Studies Map MF-560 C.  
Flint, R.F., 1964, The surficial geology of the Branford quadrangle: Connecticut Geol. and Nat. History Survey Quad. Rept. 14, 45 p.  
Mazzaferro, D.L., 1973, Hydrogeologic data for the Quinnipiac River basin, Connecticut: Connecticut Water Resources Bull. 26, 54 p.  
Ward, Freeman, 1920, The Quaternary geology of the New Haven region, Connecticut: Connecticut Geol. and Nat. History Survey Bull. 29, 78 p.



Base from U.S. Geological Survey, 1967;  
photorevised 1972  
10,000-foot grid based on Connecticut  
coordinate system  
1,000-meter Universal Transverse  
Mercator grid ticks, zone 18



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 5.9 FEET



MAP SHOWING DEPTH TO BEDROCK, BRANFORD QUADRANGLE, CONNECTICUT

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