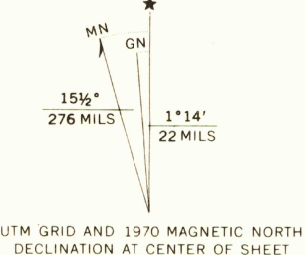


Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and Massachusetts Geodetic Survey
Planimetry by photogrammetric methods from aerial photographs
taken 1938. Topography by planimetric surveys 1942. Revised from
aerial photographs taken 1969. Field checked 1970
Selected hydrographic data compiled from USC&GS Charts 240 and
241 (1970). This information is not intended for navigational purposes
Polyconic projection. 1927 North American datum
10,000-foot grid based on Massachusetts coordinate system,
mainland zone
1000-meter Universal Transverse Mercator grid,
zone 19
Boundaries in tidalwater areas from information supplied
by Massachusetts Department of Public Works
Red tint indicates areas in which only landmark buildings are shown



SCALE 1:25 000

1 1000 2000 3000 4000 5000 6000 7000 FEET

1 1 2 3 4 5 6 7 8 9 10 KILOMETER

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 9.1 FEET



ROAD CLASSIFICATION

Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route
U. S. Route
State Route

MARBLEHEAD NORTH, MASS.
N4230—W7045/7.5

USGS
Historical File
Topographic Division

1970
AMS 6669 III SE-SERIES V814

APR 14 1978

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