

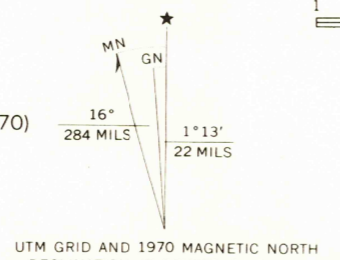
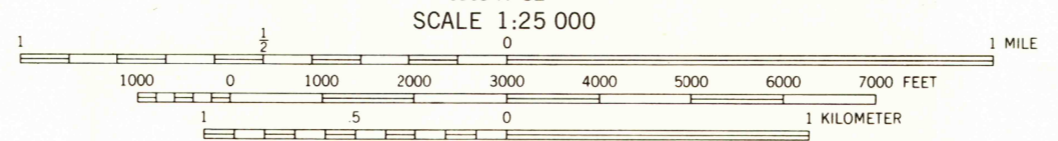
CONVERSION SCALES

Feet	Meters
15000	4500
14000	4200
13000	3900
12000	3600
11000	3300
10000	3000
9000	2700
8000	2400
7000	2100
6000	1800
5000	1500
4000	1200
3000	900
2000	600
1000	300
0	0

Feet Meters
1 3048
2 6096
3 9144
4 12192
5 15240
6 18288
7 21286
8 24284
9 27282
10 30280

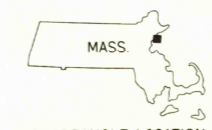
To convert feet to meters multiply by 3048
To convert meters to feet multiply by 3.2808

Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS and Massachusetts Geodetic Survey
Topography by planetable surveys 1943. Revised from
aerial photographs taken 1969. Field checked 1970
Selected hydrographic data compiled from USC&GS charts 240 and 246 (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 tidewater areas from information supplied
by the Massachusetts Department of Public Works
Red tint indicates areas in which only landmark buildings are shown



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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION

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

MARBLEHEAD SOUTH, MASS.
N4222.5—W7045/7.5

USGS
Historical File
Topographic Division

1970
AMS 6868 IV NE—SERIES V814

APR 18 1979

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