



**Hull MASSACHUSETTS**

1:25 000-scale metric topographic map

7.5 X 15 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names

GEOLOGICAL SURVEY

1984

Produced by the United States Geological Survey in cooperation with Massachusetts Department of Public Works

Control by USGS, NOS-NOAA, and Commonwealth of Massachusetts agencies

Compiled by photogrammetric methods from aerial photographs taken 1978. Field checked 1979. Map edited 1984

Supersedes Hull and Nantasket Beach 1:25,000-scale maps dated 1971 and 1974

Selected hydrographic data compiled from NOS charts 13269 (1980), 13270 (1982) and 13272 (1982). This information is not intended for navigational purposes

Projection and 1000-meter grid, zone 19: Universal Transverse Mercator

10,000-foot grid ticks based on Massachusetts coordinate system, mainland zone

1927 North American Datum

To place on the predicted North American Datum 1983 move the projection lines 6 meters south and 42 meters west as shown by dashed corner ticks

Bunkin Island, the Brewster Islands, Call Island, Little Call Island, and Green Island under jurisdiction of Hull Town

CONTOUR INTERVAL 3 METERS

NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER

OTHER ELEVATIONS SHOWN TO THE NEAREST 0.5 METER

DEPTH CURVES AND SOUNDINGS IN METERS

DATUM IS MEAN LOW WATER

THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER

THE MEAN RANGE OF TIDE IS APPROXIMATELY 2.8 METERS

THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS

Meters	Feet	CONVERSION TABLE	DECLINATION DIAGRAM	ADJOINING MAPS
1	3.2808			
2	6.5617			
3	9.8425			
4	13.1234			
5	16.4042			
6	19.6850			
7	22.9659			
8	26.2467			
9	29.5275			
10	32.8084			

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

UTM grid convergence (GN) and 1984 magnetic declination (MN) at center of map

Diagram is approximate

1 Boston North  
2 Lowell  
3 Boston South  
4 Norwood  
7 Weymouth  
8 Scituate

FOR SALE BY U. S. GEOLOGICAL SURVEY  
RESTON, VIRGINIA 22092

USES THE HISTORICAL MAP ARCHIVES  
MAY 6 1994  
REC'D FILE

**Topographic Map Symbols**

Primary highway, hard surface	.....
Secondary highway, hard surface	.....
Light-duty road, hard or improved surface	.....
Unimproved road, trail	.....
Route marker: Interstate, U. S., State	.....
Railroad: standard gage, narrow gage	.....
Bridge: drawbridge	.....
Footbridge; overpass; underpass	.....
Build-up area: only selected landmark buildings shown	.....
Boundary	.....
National, with monument	.....
County, parish	.....
City, town, village, precinct, district	.....
Incorporated city, village, town	.....
National or State reservation; small park	.....
Land grant with monument; found section corner	.....
U. S. public lands survey: range, township, section	.....
Range, township, section line: location approximate	.....
Fence or field line	.....
Power transmission line, located tower	.....
Dam; dam with lock	.....
Cemetery, grave	.....
Campground; picnic area; U. S. location monument	.....
Windmill; water well; spring	.....
Mine shaft; prospect; adit or cave	.....
Control: horizontal station; vertical station; spot elevation	.....
Contours: index; intermediate; supplementary; depression	.....
Disturbed surface: strip mine; lava; sand	.....
Bathymetric contours: index; intermediate	.....
Perennial lake and stream; intermittent lake and stream	.....
Repts, large and small; talls, large and small	.....
Submerged marsh; marsh; swamp	.....
Land subject to controlled inundation; woodland	.....
Scrub; mangrove	.....
Orchard; vineyard	.....