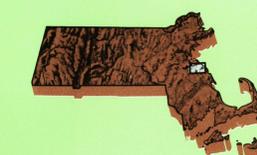


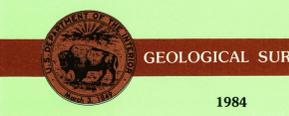
Weymouth MASSACHUSETTS

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



Produced by the United States Geological Survey in cooperation with Massachusetts Department of Public Works
 Control by USGS, NOS/NOAA, and Commonwealth of Massachusetts
 Compiled by photogrammetric methods from aerial photographs taken 1978. Field checked 1979. Map edited 1984. Supersedes Weymouth and Cohasset 1:25 000-scale maps dated 1971 and 1974.
 Selected hydrographic data compiled from NOS charts 13269 (1980) and 13270 (1980). 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 meter east as shown by dashed corner ticks.
 There may be private landholdings within the boundaries of the National or State Reservations shown on this map.

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 0.3 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 2.1 METERS

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS	
Meters	Feet	MAGNETIC DECLINATION		ADJOINING MAPS	
1	3.2808			1	2
2	6.5617			3	4
3	9.8425			5	6
4	13.1234			7	8
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

ITM grid convergence (IGN and 1983 datum) at center of map Diagram is approximate



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	
Built-up area: only selected landmark buildings shown	
House; barn; church; school; large structure	
Boundary:	
National, with monument	
State	
County, parish	
Civil township, 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	
Face 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 height	
Contours: index; intermediate; supplementary; depression	
Distorted surface: strip mine, lava, sand	
Bathymetric contours: index; intermediate	
Perennial lake and stream; intermittent lake and stream	
Rapids, large and small; falls, large and small	
Submerged marsh, swamp	
Land subject to controlled inundation; woodland	
Scrub; mangrove	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request.

