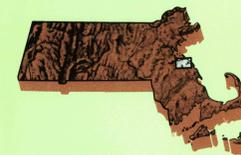


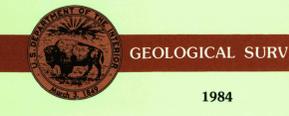
Weymouth MASSACHUSETTS

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 agencies

Compiled by photogrammetric methods from aerial photographs taken 1978. Field checked 1979. Map dated 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 (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, maintained since

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 inholdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 3 METERS

NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTOUR ELEVATIONS REFERRED 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

SHOULDER SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER

THE MEAN RANGE OF TIDE IS APPROXIMATELY 2.7 METERS

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS	
Meters	Feet	Magnetic Declination		Map Grid	
1	3.2808	UTM grid convergence		1 Boston South	
2	6.5617	(GN and 1984 magnetic)		2 Hull	
3	9.8425	at center of map		3 Norwood	
4	13.1234	Diagram is approximate		4 Scituate	
5	16.4042			5 Brockton	
6	19.6850			6 Whitman	
7	22.9659			7 Roxbury	
8	26.2467				
9	29.5276				
10	32.8084				

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Topographic Map Symbols

Symbol Description	Symbol
Primary highway, hard surface	Thick red line
Secondary highway, hard surface	Thin red line
Light-duty road, hard or improved surface	Dashed red line
Unimproved road, trail	Thin black line
Route marker: Interstate; U. S. State	Red and blue circles
Railroad: standard gauge; narrow gauge	Black lines with cross-ticks
Bridges: drawbridge	Black lines with arches
Footbridge; overpass; underpass	Black lines with various symbols
Built-up area: only selected landmark buildings shown	Black outlines of buildings
House; barn; church; school; large structure	Black symbols for structures
Boundary: National, with monument	Dashed black line
State	Dashed black line
County, parish	Dotted black line
Civil township, precinct, district	Dotted black line
Incorporated city, village, town	Dotted black line
National or State reservation: small park	Red dashed line
Land grant with monument; found section corner	Red dashed line
U. S. public lands survey: range, township, section	Red dashed line
Range, township, section line: location approximate	Red dashed line
Fence or field line	Thin black line
Power transmission line, located tower	Black line with towers
Dam; dam with lock	Black symbols for dams
Cemetery; grave	Black symbols for graves
Campground; picnic area; U. S. location monument	Black symbols for landmarks
Wellhead; water well; spring	Black symbols for wells
Mine shaft; prospect; adit; ore; cave	Black symbols for mines
Bathymetric contours: index; intermediate	Blue lines for depth
Contours: index; intermediate; supplementary; depression	Brown lines for elevation
Distorted surface: strig; mire; low; sand	Blue and green patterns
Barometric contours: index; intermediate	Brown lines for elevation
Perennial lake and stream; intermittent lake and stream	Blue lines for water
Rapids, large and small; falls, large and small	Blue lines for water
Submerged marsh; marsh; swamp	Blue and green patterns
Land subject to controlled inundation; woodland	Blue and green patterns
Scrub; mangrove	Blue and green patterns
Orchard; vineyard	Blue and green patterns

A pamphlet describing topographic maps is available on request

RETURN TO: USGS AND HISTORICAL MAP ARCHIVES

