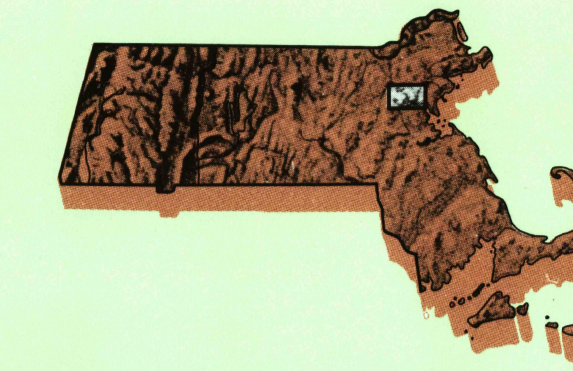




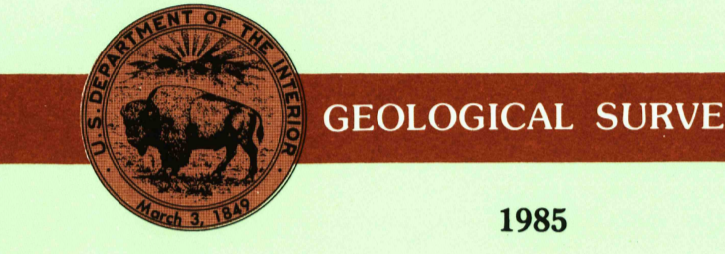
Boston North MASSACHUSETTS

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 1985. Supersedes Boston North and Lexington 1:25,000-scale maps dated 1971.
 Selected hydrographic data compiled from NOS chart 13273 (1982). This information is not intended for navigational purposes.
 Projection and 1000-meter grid: Universal Transverse Mercator, zone 19
 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 1 meters south and 41 meters west 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
 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 2.5 METERS

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY
 DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS	
Meters	Feet	MAGNETIC		1	2
1	3.2808			4	5
2	6.5617			6	7
3	9.8425			8	8
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 (GTM) and 1983 datum: 16° 25' 28" W
 at center of map
 Diagram is approximate

ADJOINING MAPS	ADJOINING MAPS
1 Billerica	2 Reading
3 Salem	4 Maynard
5 Lynn	6 Framingham
7 Boston South	8 Hull



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 gauge, narrow gauge
- Bridge: drawbridge
- Facilities: overpass, underpass
- Build-up area: only selected landmark buildings shown
- House; barn; church; school; large structure
- Boundary: National, with monument; State; County, parish; Chief 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; 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; Distorted surface: strip mine, leas, sand; Bathymetric contours: index, intermediate; Perennial lake and stream; Intermittent lake and stream; Rapids, large and small; falls, large and small; Submerged marsh; marsh, swamp; Land subject to controlled inundation; woodland; Shrub; mangrove; Orchard; vineyard

