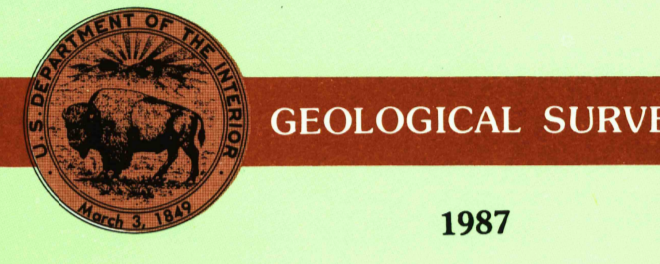


- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



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 edited 1987. Supersedes Newton and Boston South 1:25,000-scale maps dated 1970.
 Selected hydrographic data compiled from NOS charts 13270 (1982) and 13272 (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 6 meters south and 42 meters west as shown by dashed corner ticks. There may be private inholdings within the boundaries of the National or State reserves shown on this map.

CONTOUR INTERVAL 3 METERS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 OTHER 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
 SHIMMERS SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
 THE MEAN RANGE OF TIDE IS APPROXIMATELY 2.9 METERS

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4043
6	19.6852
7	22.9661
8	26.2470
9	29.5279
10	32.8088

DECLINATION DIAGRAM	
284 MILS	126 MILS
25 MILS	

ADJOINING MAPS		
1	2	3
4	5	6
7	8	

USGS HISTORICAL MAP ARCHIVES
 JUL 29 1996
 REC'D FILE COPY
 ISBN 0-607-00135-6
 9 780607 001358

Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, hard or improved surface
- Unimproved road, trail
- Road marker: Interstate, U.S., State
- Railroad: standard gage; narrow gage
- Bridge, drawbridge
- Footbridge, overpass, underpass
- Build-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; 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; shaft or cave; Control: national station; vertical datum; spot elevation; Contours: index, intermediate, supplementary, depression; Distorted surface: strip mine, levee, sand; Soundings: depth curve; 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; Sinks; meadow; Orchard; vineyard.

