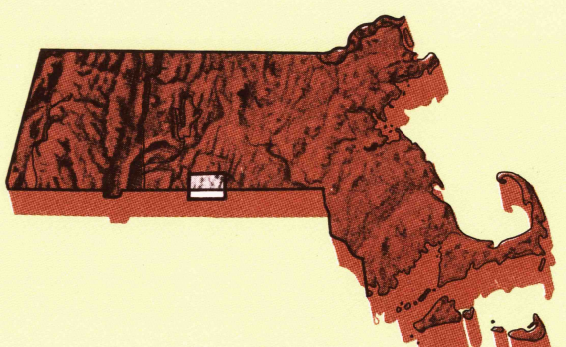


Southbridge

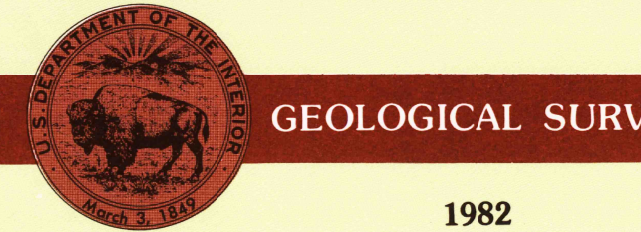
MASS. - CONN.

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 Massachusetts Geodetic Survey. Compiled by photogrammetric methods from aerial photographs taken 1980. Field checked 1981. Map edited 1982. This area also covered by 7.5-minute, 1:24,000-scale maps: Wales and Southbridge dated 1967.

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 39 meters west 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 0.5 METER.

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	MAGNETIC		1	2	3
1	3.2808	196°		1	2	3
2	6.5617	196°		4	5	
3	9.8425	196°		6	7	8
4	13.1234	196°				
5	16.4042	196°				
6	19.6851	196°				
7	22.9659	196°				
8	26.2468	196°				
9	29.5276	196°				
10	32.8085	196°				

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048

UTM grid convergence (GN) and 1983 magnetic (MN) at center of map
Diagram is approximate

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Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light-duty road, hard or improved surface
- Unimproved road, 100'
- Route marker: Interstate: U. S. State
- Railroad: standard gauge; narrow gauge
- 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; Mine shaft; prospect; adit or cave; Control: horizontal station; vertical station; spot elevation; Dotted surface; strip mine; line; road; 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; Orchard; vineyard

A pamphlet describing topographic maps is available on request

RETURN TO: USGS NHD HISTORICAL MAP ARCHIVES

