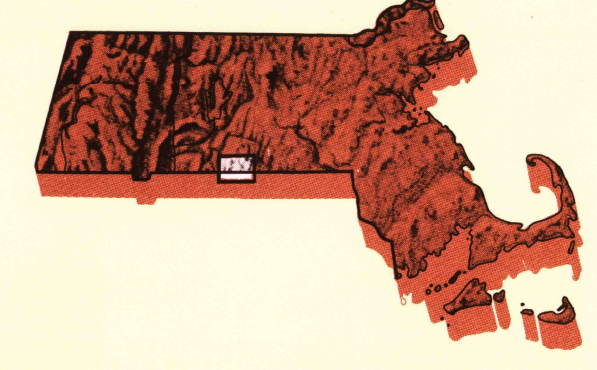
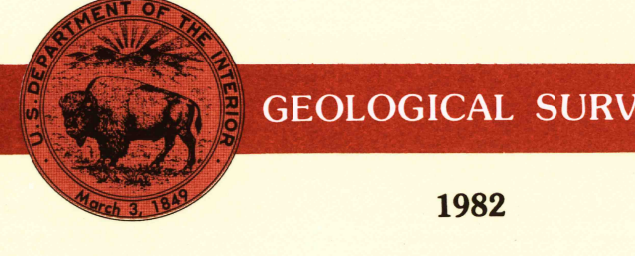


# Southbridge MASS. - CONN.

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 inholdings within the boundaries of the National or State reserves 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  
 FOR SALE BY U.S. GEOLOGICAL SURVEY  
 P.O. BOX 25286, DENVER, COLORADO 80225

Meters	Feet	DECLINATION DIAGRAM		ADJOINING MAPS		
1	3.2808		1	2	3	
2	6.5617		4	5	6	
3	9.8425		7	8	9	
4	13.1234		10	11	12	
5	16.4042		13	14	15	
6	19.6850		16	17	18	
7	22.9659		19	20	21	
8	26.2467		22	23	24	
9	29.5275		25	26	27	
10	32.8084		28	29	30	

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

UTM grid convergence (SN) at 1982 meridian is 0.2202 meters 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
- Power marker: intersection: U. S. State
- Railroad: standard gauge; narrow gauge
- Bridge: drawbridge
- Footbridge; overpass; underpass
- Ballpark 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; board, section corner; U. S. public lands survey: range, township, section; Range, township, section line: location approximate
- Fence or field line
- Power transmission line, isolated tower
- Dam; dam with lock
- Cemetery; grave
- Campground; picnic area; U. S. location monument
- Wellhead; water well; spring
- Mine shaft; prospect; adit or cave
- Control: horizontal station; vertical station; spot elevation
- Contours: index; intermediate; supplementary; depression
- Distorted surface: 100 meter; low; sand
- Bathymetric contours: index; intermediate
- Parental lake and stream; intermittent lake and stream
- Rapids, large and small; falls, large and small
- Submerged marsh; marsh; swamp
- Land subject to controlled inundation; wooded
- Scrub; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request