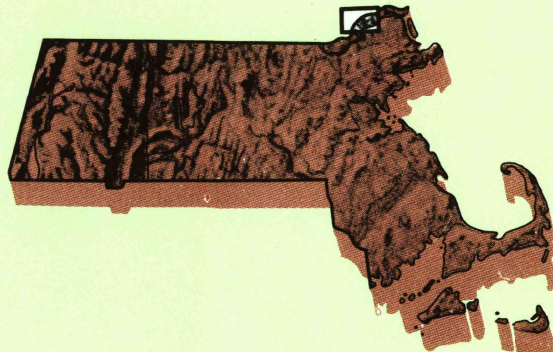




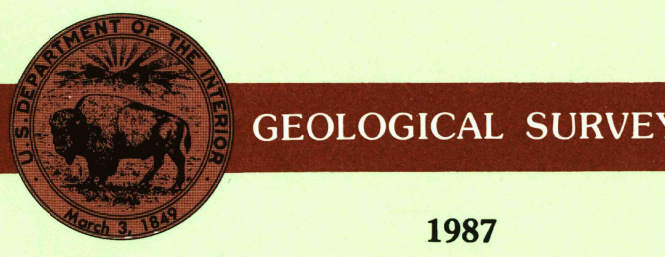
Haverhill

MASSACHUSETTS
NEW HAMPSHIRE
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, Commonwealth of Massachusetts agencies, and State of New Hampshire agencies. Compiled by photogrammetric methods from aerial photographs taken 1978. Field checked 1979. Map edited 1987. This area covered by 7.5-minute, 1:25,000-scale maps: Salem Depot 1968 and Haverhill 1972. Selected hydrographic data compiled from NOS chart 13274 (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, unadjusted zone, and New Hampshire coordinate system. 1927 North American Datum. To place on the predicted North American Datum 1983, move the projection lines 6 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
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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS			
Meters	Feet		1	2	3	
1	3.2808		4	5		
2	6.5617					
3	9.8425					
4	13.1234					
5	16.4042					
6	19.6850					
7	22.9659					
8	26.2467					
9	29.5276					
10	32.8084					
To convert meters to feet multiply by 3.2808		UTM grid convergence (GM) and 1987 magnetic declination (MD) from center of map. Diagram is approximate.	1	2	3	
To convert feet to meters multiply by 0.3048			4	5		
			6	7	8	
			1	2	3	
			4	5		
			6	7	8	
			1	2	3	
			4	5		
			6	7	8	
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