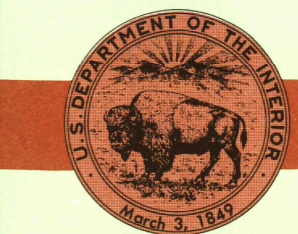


7.5 X 15 MINUTE QUADRANGLE
SHOWING

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



GEOLOGICAL SURVEY

1987

Produced by the United States Geological Survey in cooperation with Massachusetts Department of Public Works, and State of New Hampshire agencies. Compiled by photogrammetric methods from aerial photographs taken 1978. Field checked 1979. Map edited 1987. This area also covered by 7.5 minute, 1:24,000-scale maps Exeter 1950 and Hampton 1957. Selected hydrographic data compiled from NOS charts 13278 (1983) and 13283 (1982). This information is not intended for navigational purposes. Projection and 1 000-meter grid, zone 19 Universal Transverse Mercator, and Massachusetts coordinate system, and 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 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 0.3 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 ACTING STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS	
Meters	Feet	Magnetic Declination		1	2
1	3.2808	291 MILS		4	5
2	6.5617	117'		6	7
3	9.8425	23 MILS		8	
4	13.1234				
5	16.4042				
6	19.6851				
7	22.9659				
8	26.2468				
9	29.5276				
10	32.8084				

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

UTM grid convergence (GM) and magnetic declination (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, trail
- Route 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
- Canal, drainage
- 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
- Disturbed surface: strip mine, levee, sand
- Sounding, depth curve
- Perennial lake and stream, intermittent lake and stream
- Rocks, barge and small falls, large and small
- Submerged marsh, marsh, swamp
- Land subject to controlled inundation, woodland
- Scrub, mangrove
- Orchard, vineyard

U.S. GEOLOGICAL SURVEY MAP ARCHIVES

A pamphlet describing topographic maps is available on request

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

