



Newburyport

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

GEOLOGICAL SURVEY

1987

Produced by the United States Geological Survey in cooperation with Massachusetts Department of Public Works. Controlled by USGS, NOS/NOAA, USACE, and Commonwealth of Massachusetts agencies. Compiled by photogrammetric methods from aerial photographs taken 1975. Field checked 1979. Map edited 1987. This area also covered by 7.5-minute, 1:50,000-scale maps: Newburyport East 1966 and Newburyport West 1966. Selected hydrographic data compiled from NOS Charts 13274 (1982), 13278 (1983), and 13282 (1978). 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, mainland zone, and New Hampshire coordinate system 1927 North American Datum. To place on the projected 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 0.3 METER OTHER ELEVATIONS SHOWN TO THE NEAREST 0.6 METERS DEPTH CURVES AND SOUNDINGS IN METERS DATUM IS MEAN LOW WATER THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE BOUNDARIES 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 ACCURACY STANDARDS FOR SALE BY U.S. GEOLOGICAL SURVEY P.O. BOX 25286, DENVER, COLORADO 80225

CONVERSION TABLE	DECLINATION DIAGRAM	ADJOINING MAPS
Meters	Feet	1 2 3
1	3.2808	4 5
2	6.5617	6 7 8
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
To convert feet to meters multiply by 0.3048

UTM grid convergence (GN) and 1987 magnetic declination (MN) at center of map. Diagram is approximate.

1 Kingston
2 Exeter
3 Isles of Shoals
4 Haverhill
5
6 Lawrence
7 Ipswich
8 Rockport

USGS GEOLOGICAL SURVEY HISTORICAL AND ANTIQUITIES DIVISION
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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	Bath-up line; only selected landmarks 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; land 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 core	Control: horizontal station; vertical station; spot elevation	Contours: index; intermediate; supplementary; depression	Distorted surface: strip mine, lava, sand	Sounding; depth curve	Personal 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	Soak; mangrove	Orchard; vineyard
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