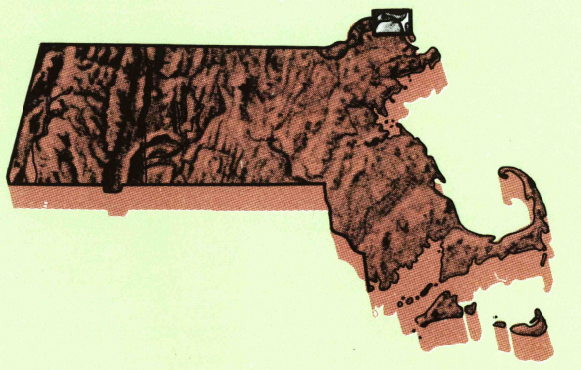


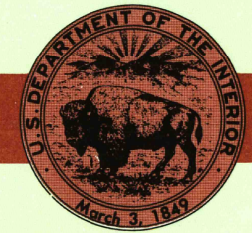
Newburyport

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
Control by USGS, NOS/NOAA, USCE, and Commonwealth of Massachusetts 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: Newburyport East 1966 and Newburyport West 1968
Selected hydrographic data compiled from NOS Charts 13274 (1962), 13275 (1965), and 13282 (1970). 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
To place on the predicted North American Datum 1983, move the projection lines 4 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

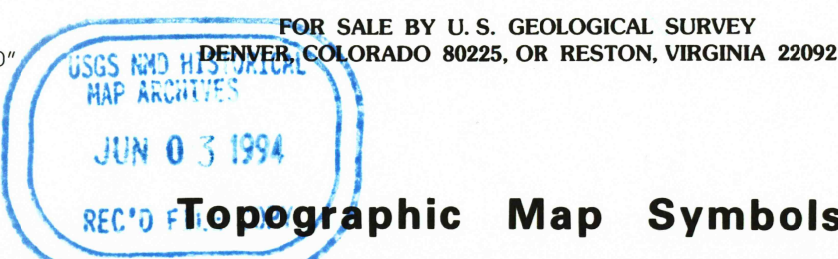
CONTOUR INTERVAL 3 METERS

NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST 0.5 METERS
DEPTH CLIVES AND SOUNDINGS IN METERS
DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SOUNDING 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

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS		
Meters	Feet		1	2	3
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		UTM grid convergence (GN and 148° magnetic declination (MN) at center of map Diagram is approximate	1 Kingston		
To convert feet to meters multiply by 0.3048			2 Exeter		
			3 Isles of Shoals		
			4 Flavel Hill		
			5 Lawrence		
			7 Ipswich		
			8 Rockport		

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



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 gauge, narrow gauge	.....
Bridge: drawbridge	.....
Fourbridge, overpass, underpass	.....
Built-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	.....
Commemorative, public 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	.....
Distorted surface: strip mine, lava, sand	.....
Sounding: depth curve	.....
Perennial lake and stream; intermittent lake and stream	.....
Rapid, large and small; falls, large and small	.....
Submerged marsh; marsh, swamp	.....
Land subject to controlled inundation; woodland	.....
Scrub; mangrove	.....
Orchard; vineyard	.....

A pamphlet describing topographic maps is available on request

03 JUN 1994

1987

7.5 X 15 MINUTE SERIES (TOPOGRAPHIC)

NEWBURYPORT, MASSACHUSETTS – NEW HAMPSHIRE



INTERIOR: GEOLOGICAL SURVEY, RESTON, VIRGINIA—1987

SCALE 1:25 000

1 CENTIMETER ON THE MAP REPRESENTS 250 METERS ON THE GROUND

CONTOUR INTERVAL 3 METERS

NEWBURYPORT, MASS. – N. H.

42070-G7-TM-025