



Providence

RHODE ISLAND-MASSACHUSETTS

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
Control by USGS, NOS/NOAA, Commonwealth of Massachusetts, and State of Rhode Island agencies
Compiled by photogrammetric methods from aerial photographs taken 1981. Field checked 1982. Map edited 1987.
This area also covered by 7.5-minute 1:24,000-scale maps: Providence and East Providence dated 1957 and 1971; and 13225 (1980).
Selected hydrographic data compiled from NOS Charts 13224 (1981) and 13225 (1980).
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 Rhode Island coordinate system, and Massachusetts coordinate system, mainland zone 19.
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
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST 0.5 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 1.4 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	6.5616		4	5	6
3	9.8424		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 1987 magnetic declination (MN) at center of map. Diagram is approximate.	1	2	3
To convert feet to meters multiply by 0.3048			4	5	6

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

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
Built-up area: only selected landmark buildings shown
House; barn; church; school; large structure
Boundary:
National, with monument
State
County, parish
Civil township, precinct, barrio
Incorporated city, village, town
National or State reservation; small park
Land grant with monument; found section corner
U. S. public land 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; adit or ore
Control: horizontal station; vertical station; spot elevation
Contours: index; intermediate; supplementary; depression
Distorted surface: strip mine, lava, sand
Bathymetric contours: index; intermediate
Perennial 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
Swamp; mangrove
Orchard; vineyard

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