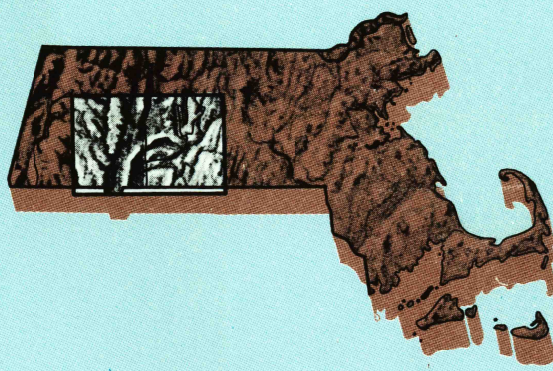


HOLYOKE, MASSACHUSETTS – CONNECTICUT

30 X 60 MINUTE SERIES (PLANIMETRIC)

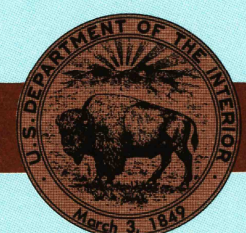
Holyoke
MASSACHUSETTS
CONNECTICUT

1:100 000-scale
planimetric map



30 X 60 MINUTE QUADRANGLE
SHOWING

- Elevations in meters
- Highways, roads and other manmade structures
- Water features
- Geographic names



GEOLOGICAL SURVEY

1985

Produced by the United States Geological Survey
Compiled from USGS 1:24 000- and 1:25 000-scale topographic maps dated 1967-1982. Planimetry revised from aerial photographs taken 1982-1983 and other source data. Revised information not field checked. Map edited 1985.
Projection and 10 000-meter grid, zone 18: Universal Transverse Mercator.
25 000-foot grid ticks based on Massachusetts coordinate system, mainland zone, and Connecticut coordinate system 1927 North American Datum.
To place on the predicted North American Datum 1983 move the projection lines 5 meters south and 38 meters west.
There may be private inholdings within the boundaries of the National or State reservations shown on this map.

NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE	
Meters	Feet
1	3.2808
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
To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM	
141° 15' 11" 141° 15' 11" 141° 15' 11"	
258 MILS 305 MILS	
UTM grid convergence (G) and 1983 magnetic declination (M) at center of map. Diagram is approximate.	

ADJOINING MAPS		
1	2	3
4	5	
6	7	8

1 Albany
2 Rensselaer
3 Lowell
4 Lowell
5 Pawtucket
6 Boston
7 Watertown
8 Providence

FOR SALE BY U. S. GEOLOGICAL SURVEY
RESTON, VIRGINIA 22092

Topographic Map Symbols

- Primary highway, hard surface
Secondary highway, hard surface
Light duty road, principal street, hard or improved surface
Other road or street, trail
Route marker: Interstate, U. S., State
Railroad: standard gage, narrow gage
Bridge: overpass; underpass
Tunnel: road; railroad
Built up area, building, station
Airport, landing field, landing strip
National boundary
State boundary
County boundary
National or State reservation boundary
Land grant boundary
U. S. public lands survey: range, township, section
Range, township, section line: projected
Power transmission line; pipeline
Dam; dam with lock
Cemetery, building
Windmill; water well; spring
Mine shaft; pit or cave; mine, quarry, gravel pit
Campground, picnic area, U. S. location monument
Ruins; cliff dwelling
Distorted surface: strip mine, lava, sand
Contours: index; intermediate; supplementary
Bathymetric contours: index, intermediate
Stream, lake: perennial; intermittent
Rapids, large and small; falls, large and small
Area to be submerged: marsh, swamp
Land subject to controlled inundation; woodland
Scrub; mangrove
Orchard; vineyard

A pamphlet describing topographic maps is available on request
USGS NMD HISTORICAL MAP
JUL 22 1986
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