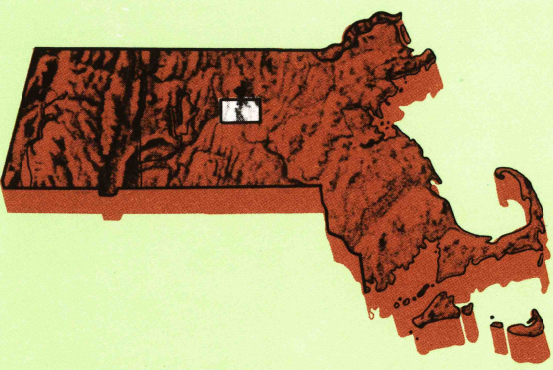




Sterling

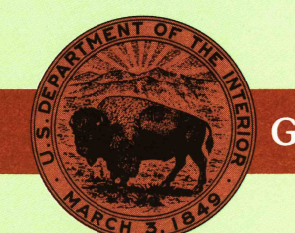
MASSACHUSETTS

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

1988

Produced by the United States Geological Survey in cooperation with Massachusetts Department of Public Works

Control by USGS, NOS/NOAA, and Commonwealth of Massachusetts agencies

Compiled by photogrammetric methods from aerial photographs taken 1980. Field checked 1983. Map edited 1988

Supersedes Sterling 1968 and Wachusett Mtn. 1972 1:25,000-scale maps

Projection and 1000-meter grid, zone 19

Universal Transverse Mercator

10,000-foot grid ticks based on 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 40 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

Dashed light-blue pattern indicates area subject to controlled inundation by Barre Falls Dam

CONTOUR INTERVAL 3 METERS

NATIONAL GEODETIC VERTICAL DATUM OF 1929

CONTROL ELEVATION SHOWN TO THE NEAREST 0.1 METER

OTHER ELEVATIONS SHOWN TO THE NEAREST 0.5 METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS				
Meters	Feet			1	2	3	4	5
1	3.2808			1	Atoll			
2	6.5617			2	Faithburg			
3	9.8425			3	Ayer			
4	13.1234			4	Barre			
5	16.4042			5	Hudson			
6	19.6850			6	North Brookfield			
7	22.9658			7	Worcester North			
8	26.2467			8	Marlborough			
9	29.5275							
10	32.8084							

To convert meters to feet multiply by 3.2809

To convert feet to meters multiply by 0.3048

UTM grid convergence (GM) and NAD magnetic declination (MD) at center of map. Diagram is approximate

ISBN 0-607-23473-3

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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, isolated tower	
Dam; dam with lock	
Cemetery; grave	
Campground; picnic area; U. S. location monument	
Wellhead; water well; spring	
Mine shaft; prospect; adit or cove	
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	
Swamp; marsh	
Submerged marsh; land subject to controlled inundation	
Woodland; scattered trees	
Scrub; mangrove	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request

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