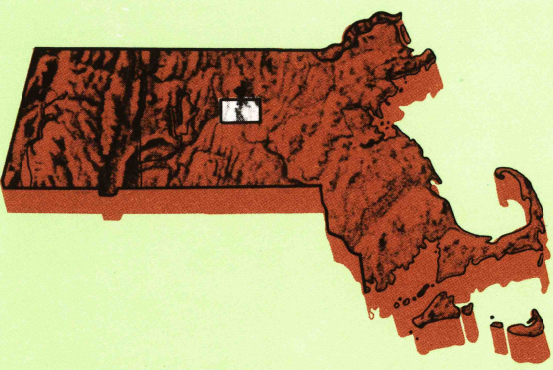




Sterling

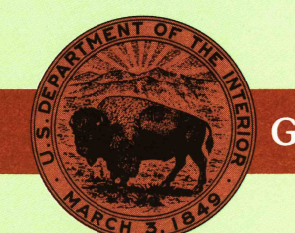
MASSACHUSETTS

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 0.3 METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS				
Meters	Feet	Diagram		1	2	3	4	5
1	3.2808			4				
2	6.5617			5				
3	9.8425			6	7	8		
4	13.1234							
5	16.4042							
6	19.6850							
7	22.9658							
8	26.2467							
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

1 Athol
2 Fitchburg
3 Ayer
4 Barre
5 Hudson
6 North Brookfield
7 Worcester North
8 Marlborough

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	.....
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, isolated tower	.....
Dam; dam with lock	.....
Cemetery; grave	.....
Campground; picnic area; U. S. location monument	.....
Wellhead; water well; spring	.....
Mine shaft; prospect; adit or ore	.....
Control: horizontal station; vertical station; spot elevation	.....
Contours: index; intermediate; supplementary; depression	.....
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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