



# 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 Min. 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	MAGNETIC		1	2	3	4
1	3.2808	191°		1	2	3	4
2	6.5617	276 MILES		4	5	6	7
3	9.8425	34 MILES		6	7	8	
4	13.1234						
5	16.4042						
6	19.6850						
7	22.9659						
8	26.2467						
9	29.5275						
10	32.8084						

To convert meters to feet multiply by 3.2808  
 To convert feet to meters multiply by 0.3048

UTM grid convergence (GM) and 1983 geocentric declination (MA) at center of map  
 Diagram is approximate

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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	Bath area: only selected landmarks 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	Campground, picnic area, U.S. location monument	Windmill; water well; spring	Mine shaft; prospect; shaft or draw	Control: horizontal station; vertical station; spot elevation	Contours: index; intermediate; supplementary; depression	Distorted surface: strip mine, levee, 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
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