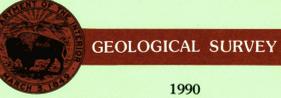


7.5 X 15 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



Produced by the United States Geological Survey
Control by USGS, NOS/NOAA, and Commonwealth of Massachusetts agencies

Compiled by photogrammetric methods from aerial photographs taken 1981. Field checked 1984. Map edited 1990
Supersedes Ashfield and Plainfield 1:25,000-scale maps dated 1971

Projection and 1000-meter grid, zone 18
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 5 meters south and 37 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: 6 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY
P.O. BOX 25286, DENVER, COLORADO 80225

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	MAGNETIC		1	2	3
1	3.2808	1° 30'		1	2	3
2	6.5617	1° 30'		4	5	
3	9.8425	1° 30'		6	7	8
4	13.1234	1° 30'				
5	16.4042	1° 30'				
6	19.6851	1° 30'				
7	22.9659	1° 30'				
8	26.2468	1° 30'				
9	29.5276	1° 30'				
10	32.8085	1° 30'				

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

UTM grid convergence (GTM and 1960 magnetic declination) (MAG) at center of map Diagram is approximate

1 North Adams
2 Rowe
3 Barnardston
4 Cheshire
5 Greenfield
6 Plainfield East
7 Gosden
8 Williamsburg



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 gauge; narrow gauge
- 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; lake or canal section corner
 - U.S. public lands survey; range, township, section
 - Range, township; section line; location approximate
- Fence or field line
- Dam; dam with lock
- Cemetery; grave
- Campground; picnic area; U.S. location monument
- Windmill; water well; spring
- Mine shaft; prospect; shaft or cave
- Control: horizontal station; vertical station; spot elevation
- Contours: index; intermediate; supplementary; depression
- Distorted surface: strip mine, lava; sand
- Sounding; depth curve
- Perennial lake and stream; intermittent lake and stream
- Rapids, large and small; falls, large and small
- Swamp; marsh
- Summer-ped marsh; land subject to controlled inundation
- Woodland: scattered trees
- Scrub; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request

