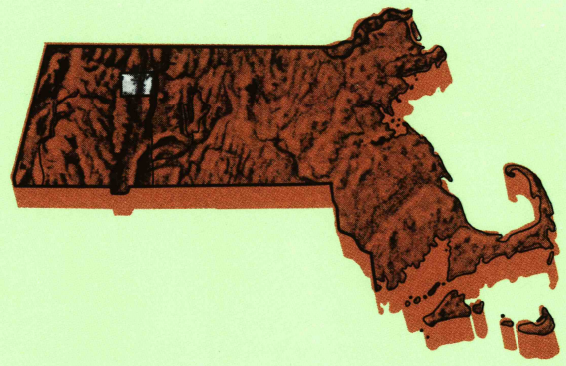


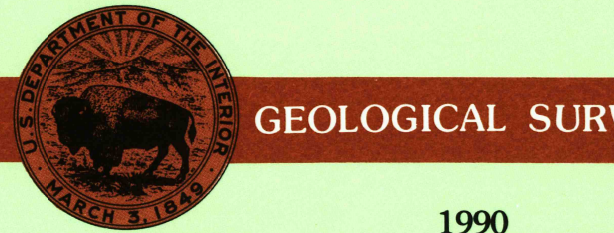
Greenfield MASSACHUSETTS

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



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 Greenfield 1979 and Shelburne Falls 1978

1:25,000-scale metric
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 38 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
CONTOUR 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
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

| CONVERSION TABLE | | DECLINATION DIAGRAM | | ADJOINING MAPS | | | |
|--|---------|--|--|----------------|---------------|----------------|--------------|
| Meters | Feet | | | 1 | 2 | 3 | |
| 1 | 3.2808 | <p>15° 26' 7 MILS</p> <p>1° 30' 26' MILS</p> | | | | | |
| 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 | | UTM grid convergence (GN) and 1990 magnetic declination (MD) at center of map. Diagram is approximate. | | ADJOINING MAPS | | | |
| To convert feet to meters multiply by 0.3048 | | | | 4 | 5 | 6 | 7 |
| | | | | 1 Rowe | 2 Bernardston | 3 Northfield | 4 Ashfield |
| | | | | 5 Orange | 6 Cheshire | 7 Williamsburg | 8 Shutesbury |



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: covered; 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 approximately | ..... | ..... |
| Fence or field line | ..... | ..... |
| Power transmission line, located tower | ..... | ..... |
| Dam; dam with lock | ..... | ..... |
| Cemetery; grave | ..... | ..... |
| Caveground; picnic area; U. S. location monument | ..... | ..... |
| Wellhead; water well; spring | ..... | ..... |
| Mine shaft; prospect; adit 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 | ..... | ..... |
| Submerged marsh; land subject to controlled inundation | ..... | ..... |
| Woodland; scattered trees | ..... | ..... |
| Scrub; mangrove | ..... | ..... |
| Orchard; vineyard | ..... | ..... |

