



**USGS**  
United States Geological Survey

# Otis

## MASSACHUSETTS

### 1:25 000-scale metric topographic map

RECEIVED  
MAR 3 1 2000  
USGS NMD  
HISTORICAL MAP ARCHIVES

**7.5 X 15 MINUTE QUADRANGLE SHOWING**

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

U.S. Department of the Interior  
U.S. Geological Survey

1997

Produced by the United States Geological Survey  
Derived from imagery taken 1980 and other sources. Photostereoscopic using imagery taken 1997; no major culture or drainage changes observed. Survey control current as of 1981  
Boundaries revised 1999  
Supersedes Monterey and Otis 1:25,000-scale maps dated 1973  
North American Datum of 1927 (NAD 27). Projection and 1000-meter grid. Universal Transverse Mercator, zone 18  
10 000-foot ticks: Massachusetts coordinate system, mainland zone  
North American Datum of 1983 (NAD 83) is shown by dashed corner ticks. The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software  
There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 3 METERS  
NATIONAL GEODETIC VERTICAL DATUM of 1929  
CONTROL ELEVATIONS 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 |
| 1                | 3.2808  |                     |  | 4              | 5 |
| 2                | 6.5617  |                     |  | 6              | 7 |
| 3                | 9.8425  |                     |  |                |   |
| 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 (IGN and 1997 metric declination (M)) at center of map Diagram is approximate

1 Stockbridge  
2 East Lee  
3 Chester  
4 Great Barrington  
5 Blanford  
6 Ashley Falls  
7 Tolland Center  
8 Southwick



### 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; 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; adit or cave
- 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  
FOR SALE BY U.S. GEOLOGICAL SURVEY  
P.O. BOX 25286, DENVER, COLORADO 80225