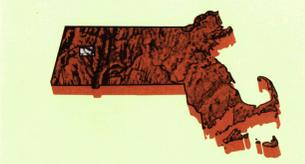


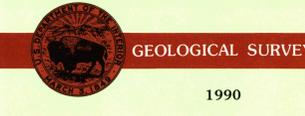


Goshen MASSACHUSETTS

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/NOIS/NOAA, and Commonwealth of Massachusetts agencies
 Compiled by photogrammetric methods from aerial photographs taken 1981. Field checked 1984. Map edited 1990
 Supersedes Goshen and Worthington 1:25,000-scale maps dated 1972
 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

| CONVERSION TABLE | | DECLINATION DIAGRAM | | ADJOINING MAPS | | |
|------------------|---------|---------------------|------------|----------------|---|---|
| Meters | Feet | Mag. Decl. | True Decl. | 1 | 2 | 3 |
| 1 | 3.2808 | 15° | 11° 29' | 1 | 2 | 3 |
| 2 | 6.5617 | 15° | 11° 29' | 4 | 5 | 6 |
| 3 | 9.8425 | 15° | 11° 29' | 7 | 8 | 9 |
| 4 | 13.1234 | 15° | 11° 29' | | | |
| 5 | 16.4042 | 15° | 11° 29' | | | |
| 6 | 19.6850 | 15° | 11° 29' | | | |
| 7 | 22.9659 | 15° | 11° 29' | | | |
| 8 | 26.2467 | 15° | 11° 29' | | | |
| 9 | 29.5276 | 15° | 11° 29' | | | |
| 10 | 32.8084 | 15° | 11° 29' | | | |

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

UTM grid convergence (GN) and 1000 magnetic declination (GN) at center of map
 Declination is approximate

1. Cheshire
 2. Ashfield
 3. Greenfield
 4. Pittsfield East
 5. Williamsburg
 6. East Lee
 7. Chester
 8. Easthampton

FOR SALE BY U.S. GEOLOGICAL SURVEY DENVER, COLORADO, 80225, OR RESTON, VIRGINIA 22092

JUL 19 1990

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: concrete; 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 | — |
| Canal; 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 | — |
| 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 | — |
| Souk; mangrove | — |
| Orchard; vineyard | — |

A pamphlet describing topographic maps is available on request