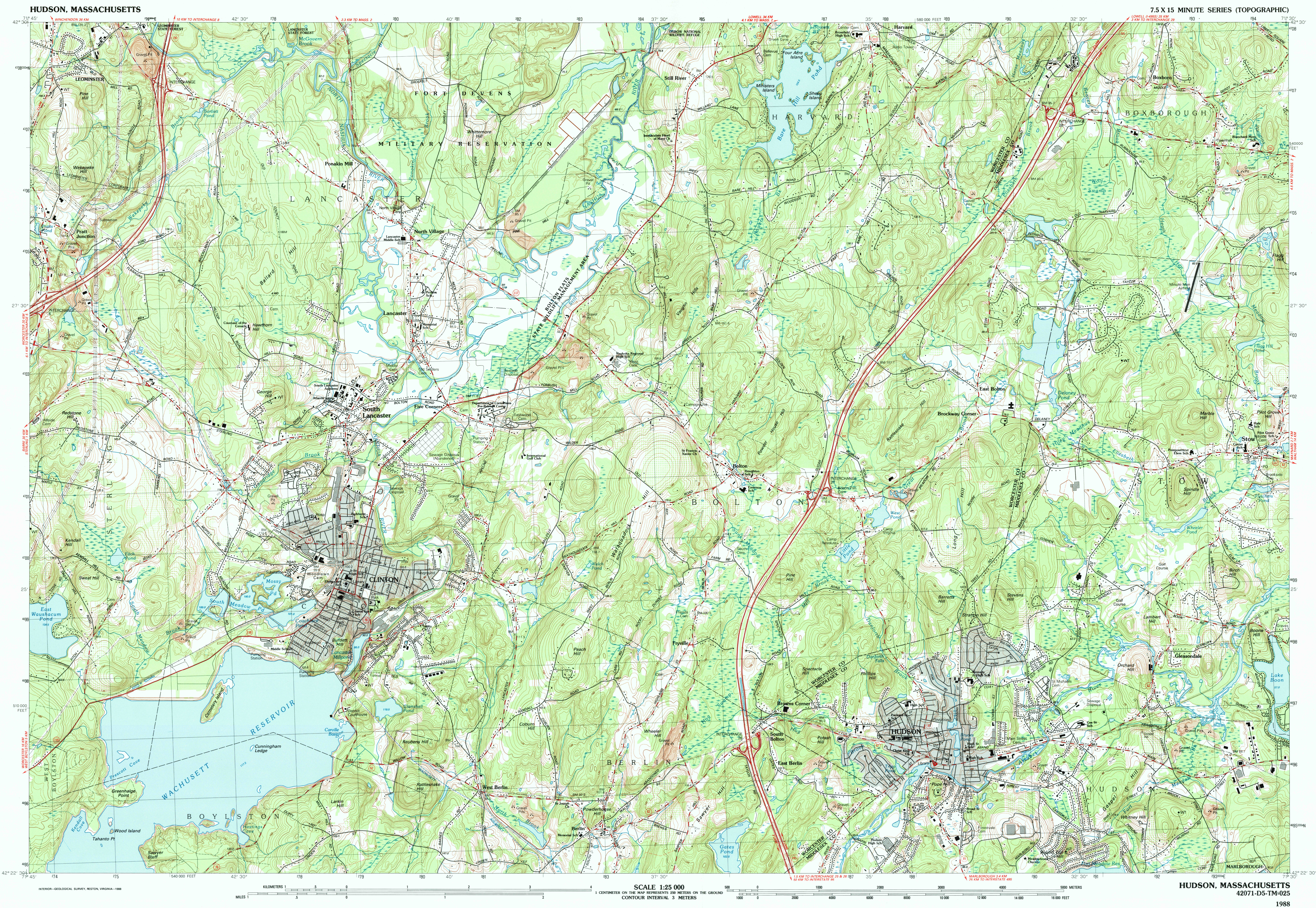
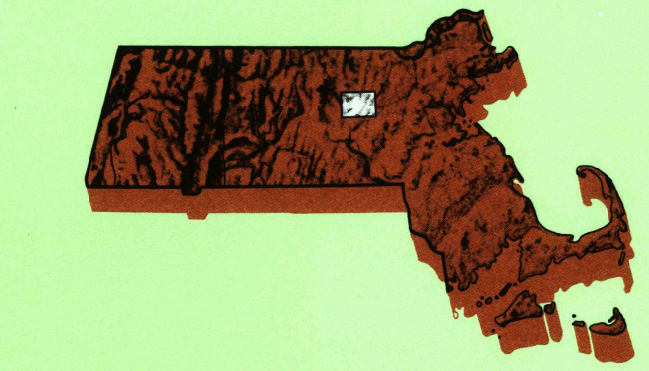


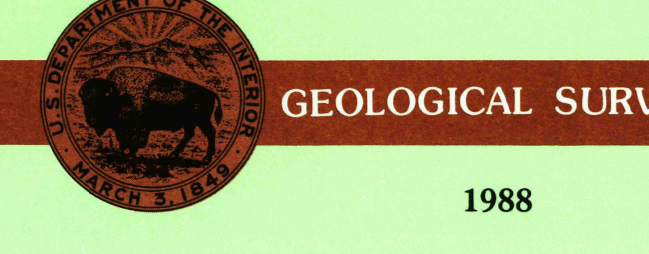


# Hudson MASSACHUSETTS

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 1980. Field checked 1981. Map edited 1988  
Supersedes Clinton 1965 and Hudson 1966  
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

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

| CONVERSION TABLE                             |         | DECLINATION DIAGRAM                                                                                   |  | ADJOINING MAPS |    |    |  |
|----------------------------------------------|---------|-------------------------------------------------------------------------------------------------------|--|----------------|----|----|--|
| Meters                                       | Feet    | MAGNETIC DECLINATION                                                                                  |  | 1              | 2  | 3  |  |
| 1                                            | 3.2808  |                                                                                                       |  | 4              |    |    |  |
| 2                                            | 6.5617  |                                                                                                       |  | 5              |    |    |  |
| 3                                            | 9.8425  |                                                                                                       |  | 6              | 7  | 8  |  |
| 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 1983 magnetic declination (MN) at center of map. Diagram is approximate |  | 1              | 2  | 3  |  |
| To convert feet to meters multiply by 0.3048 |         |                                                                                                       |  | 4              | 5  | 6  |  |
|                                              |         |                                                                                                       |  | 7              | 8  | 9  |  |
|                                              |         |                                                                                                       |  | 10             | 11 | 12 |  |



## 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 part
  - 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
  - Caveground; stone area; U. S. location monument
  - Windmill; water well; spring
  - Mine shaft; prospect; edit or cave
  - Control: horizontal station; vertical station; spot elevation
  - Contour: index; intermediate; supplementary; depression
  - Distorted surface: strip mine, lava, sand
  - Sounding: depth curve
  - Parameal 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: coniferous trees
  - Scrub; mangrove
  - Orchard; vineyard

