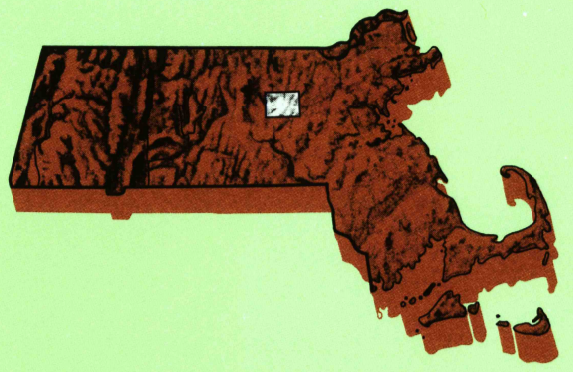
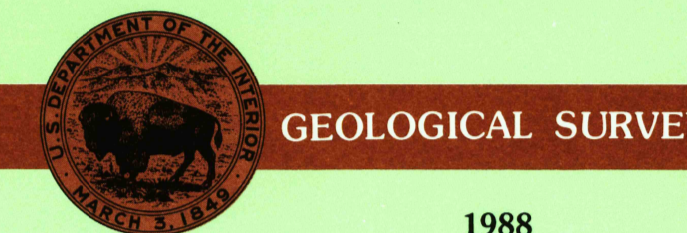


# Hudson MASSACHUSETTS

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  
 CONTROLS 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	1 2 3
1	3.2808	4 5
2	6.5617	6 7 8
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 (GN and 1983 magnetic) at center of map Diagram is approximate

1 Fitchburg  
 2 Ayer  
 3 Billerica  
 4 Sterling  
 5 Maynard  
 6 Westchester North  
 7 Marlborough  
 8 Framingham



## 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; 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 approximation
  - Face of field line
  - Power transmission line; located tower
  - Dam; dam with lock
  - Canalway; groove
  - Causeway; picnic area; U. S. location monument
  - Windsill; 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
  - Partial lake and stream; intermittent lake and stream
  - Rapid; large and small; falls; large and small
  - Swamp; marsh
  - Submerged marsh; land subject to controlled inundation
  - Wooded; scattered trees
  - Scrub; mangrove
  - Orchard; vineyard

