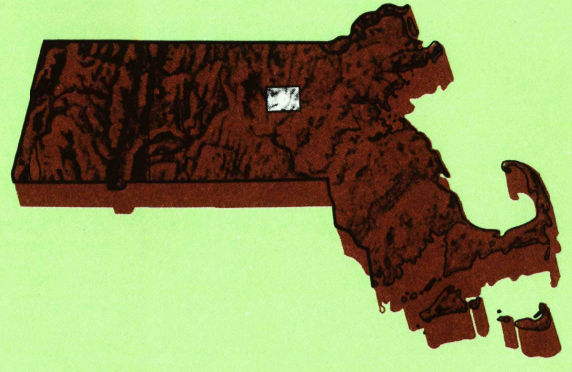


Hudson MASSACHUSETTS

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

GEOLOGICAL SURVEY

1988

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 1960. Field checked 1981. Map edited 1988

Supersedes Clinton 1965 and Hudson 1966

1:25,000-scale map

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
CONTINGENT ELEVATIONS TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST 0.5 METER

FEB 23 1989

REC'D FILE COPY

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS			
Meters	Feet	1976	1983	1	2	3	4
1	3.2808	131° 00'	131° 00'				
2	6.5617	131° 00'	131° 00'				
3	9.8425	131° 00'	131° 00'				
4	13.1234	131° 00'	131° 00'				
5	16.4042	131° 00'	131° 00'				
6	19.6850	131° 00'	131° 00'				
7	22.9659	131° 00'	131° 00'				
8	26.2467	131° 00'	131° 00'				
9	29.5275	131° 00'	131° 00'				
10	32.8084	131° 00'	131° 00'				

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

UTM grid convergence (EN) and magnetic declination (MN) at center of map. Diagram is approximate.

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

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

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
- Fourbridge: overpass; underpass
- Built-up area: only selected landmark buildings shown
- House; barn; church; school; large structures
- Boundary:
 - Nations, with monument
 - State
 - County, parish
 - Civil township, precinct, district
 - Incorporated city, village, town
 - Nation 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
 - 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
 - Wooded scattered trees
 - Scrub; mangrove
 - Orchard; vineyard

A pamphlet describing topographic maps is available on request

