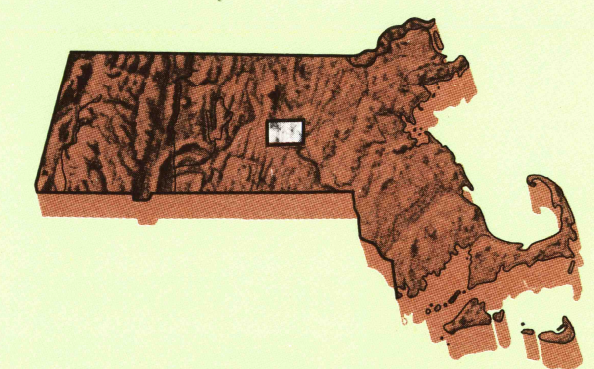




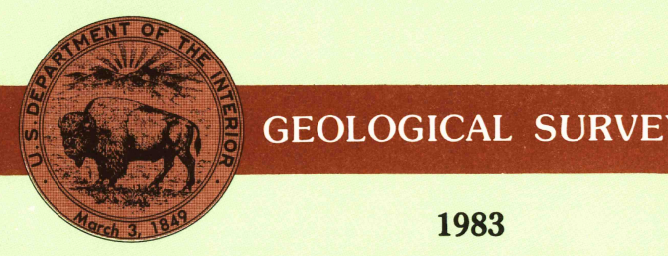
# Worcester North MASSACHUSETTS

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  
in cooperation with Massachusetts Department  
of Public Works  
Control by USGS, NOS/NOAA, and Massachusetts Geodetic Survey  
Compiled by photogrammetric methods from aerial photographs  
taken 1980. Field checked 1982. Map edited 1983.  
Supersedes Paxton and Worcester North 1:25,000-scale  
maps dated 1965 and 1974.

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 1989  
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	3	4	5
1	3.2808						
2	6.5617						
3	9.8425						
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 (MD) at center of map Diagram is approximate	1 Barre 2 Sterling 3 Holden 4 North Brookfield 5 Northampton 6 Warren 7 Worcester South 8 Milford				
To convert feet to meters multiply by 0.3048							

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RESTON, VIRGINIA 22092

## Topographic Map Symbols

Primary highway, hard surface	.....
Secondary highway, hard surface	.....
Light-duty road, hard or improved surface	.....
Unimproved road, trail	.....
Roads marker: township; U. S. State	.....
Railroad: standard gauge; narrow gauge	.....
Bridge: drawbridge	.....
Footbridge; overpass; underpass	.....
Built-up area; only selected landmarks 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: national station; vertical datum; 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	.....
Submerged marsh; marsh, swamp	.....
Land subject to controlled inundation; woodland	.....
Scrub; mangrove	.....
Orchard; vineyard	.....

A pamphlet describing topographic maps is available on request

WORCESTER NORTH, MASS.  
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1983