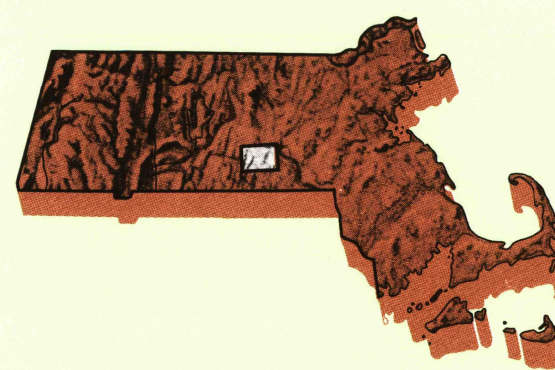


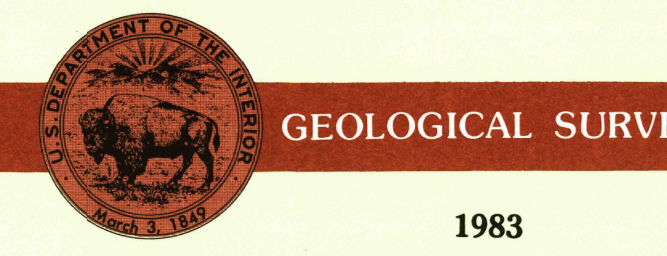
# Worcester South MASSACHUSETTS

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 1969. Field checked 1982. Map edited 1983.  
Supersedes Leicester and Worcester South 1:25,000-scale  
maps dated 1969 and 1973

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  
OTHER 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  
P.O. BOX 25286, DENVER, COLORADO 80225

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet			1	2	3
1	3.2808			1	2	3
2	6.5617			4	5	6
3	9.8425			7	8	9
4	13.1234			10	11	12
5	16.4042			13	14	15
6	19.6850			16	17	18
7	22.9659			19	20	21
8	26.2467			22	23	24
9	29.5275			25	26	27
10	32.8084			28	29	30
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1983 magnetic declination (MD) shown at center of map Diagram is approximate		1 North Brookfield 2 Worcester North 3 Marlborough 4 Warren 5 Millis 6 Southbridge 7 Water 8 Lakeville		
To convert feet to meters multiply by 0.3048						



## 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	
Build-up area: only selected interlocking 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; forest 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 ore	
Control: horizontal station; vertical station; spot elevation	
Contours: index; intermediate; supplementary; depression	
Distorted surface: strip mine, lava, sand	
Bathymetry: 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 SOUTH, MASS.  
42071-B7-TM-025  
1983