

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

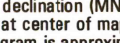
Projection and 1000-meter grid, zone 19: Universal Transverse Mercator
10,000-foot grid ticks based on Massachusetts coordinate system, mainland zone. 1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 6 meters south and 40 meters west as shown by 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 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

CONVERSION TABLE	DECLINATION DIAGRAM	ADJOINING MAPS
Meters Feet		1 2 3
1 3.2808		4 5
1 3.6577		
3 9.8424		
1 3.1124		
3 18.0402		
1 19.8950		
6 22.9659		6 7 8
8 26.2467		
9 29.5276		
10 32.8084		
To convert meters to feet multiply by 3.2808	UTM grid convergence (GN) and 1985 magnetic declination (MN) at center of map Diagram is approximate	1 Barre 2 Sterling 3 Hudson 4 North Brookfield 5 Marlborough 6 Ware 7 Worcester South 8 Millard
To convert feet to meters multiply by 0.3048		

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Topographic Map Symbols

Primary highway, hard surface	
Secondary highway, hard surface	
Light-duty road, hard or improved surface	
Unimproved road, trail	
Roads map: Interstate, U.S. State	
Railroad: standard gauge, narrow gauge	
Railroad: bridge	
Footbridge; overpass; underpass	
Build-up area: only selected landmark buildings shown	
Heavy man: church, school, large structure	
Boundary:	
National, with monument	
State	
County, parish	
Local township, precinct, district	
Incorporated city, village, town	
National or State reservation, small park	
Land grant with monument; found section line	
U.S. public lands survey: range, township, section	
Range, township; section line; location approximate	
Fence or field line	
Power transmission line, located tower	
Dam, with lock	
Cemetery, grave	
Disputed surface strip mine, live, sand	
Windswept, water mill; spring	
Mine shaft; prospect; adit or cave; spot elevation	
Contour: internal, vertical; station; spot elevation	
Contour: inside, intermediate; supplementary; depression	
Disputed surface strip mine, live, sand	
Bathymetric contours: inside, 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	
Swamp; mangrove	
Orchard; vineyard	

USGS AND HISTORICAL
MAP ARCHIVE
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