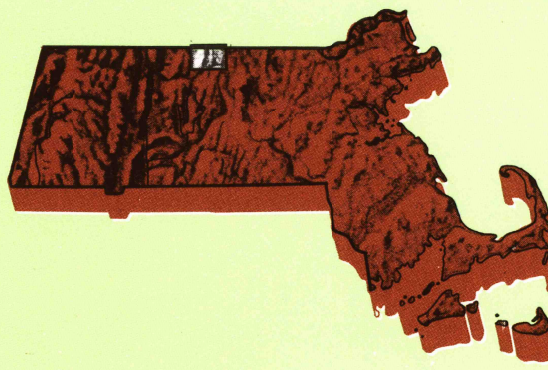


WINCHENDON, MASS.—N. H.

7.5 X 15 MINUTE SERIES (TOPOGRAPHIC)

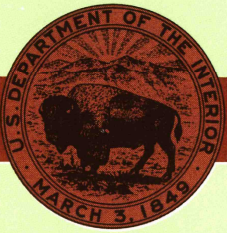
Winchendon

MASSACHUSETTS—  
NEW HAMPSHIRE  
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 in cooperation with Massachusetts Department of Public Works  
Control by USGS, NOS/NOAA, and Commonwealth of Massachusetts agencies  
Compiled by photogrammetric methods from aerial photographs taken 1980-81. Field checked 1983. Map offset 1988  
This area also covered by 7.5-minute, 1:25,000-scale maps: Royalston and Winchendon dated 1971  
Projection and 1000-meter grid, zone 18 Universal Transverse Mercator  
10,000-foot grid ticks based on Massachusetts coordinate system, mainland zone, and New Hampshire coordinate system  
1927 North American Datum  
To place on the predicted North American Datum 1983, move the projection lines 5 meters south and 39 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 GEODETTIC 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						
2	6.5617					4	5
3	9.8425						
4	13.1234						
5	16.4042						
6	19.6850					6	7
7	22.9658						
8	26.2467						
9	29.5275						
10	32.8084						
To convert meters to feet multiply by 3.2808		UTM grid convergence (CM) and 1988 magnetic declination (MM) at center of map Diagram is approximate		1	2	3	
To convert feet to meters multiply by 0.3048				4	5	6	

1	Winchester
2	Monsieuc Mountain
3	Greenfield
4	Northfield
5	Ashburnham
6	Orange
7	Arbol
8	Fitchburg

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DEC 31 1998

ISBN 0-607-23474-1



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USGS NHD  
HISTORICAL MAP ARCHIVES

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 approximate	.....
Fence or field line	.....
Power transmission line: isolated tower	.....
Dam; dam with lock	.....
Cemetery; grave	.....
Campground; picnic area; U. S. location monument	.....
Windmill; water well; spring	.....
Mine shaft; prospect; sill or ore	.....
Control: horizontal station; vertical station; 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	.....
Swamp; marsh	.....
Salinized marsh; land subject to controlled inundation	.....
Woodland: scattered trees	.....
Scrub; mangrove	.....
Orchard; vineyard	.....

A pamphlet describing topographic maps is available on request

FOR SALE BY U.S. GEOLOGICAL SURVEY  
P.O. BOX 25286, DENVER, COLORADO 80225

1988



SCALE 1:25 000

1 CENTIMETER ON THE MAP REPRESENTS 250 METERS ON THE GROUND

CONTOUR INTERVAL 3 METERS

WINCHENDON, MASS.—N. H.

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