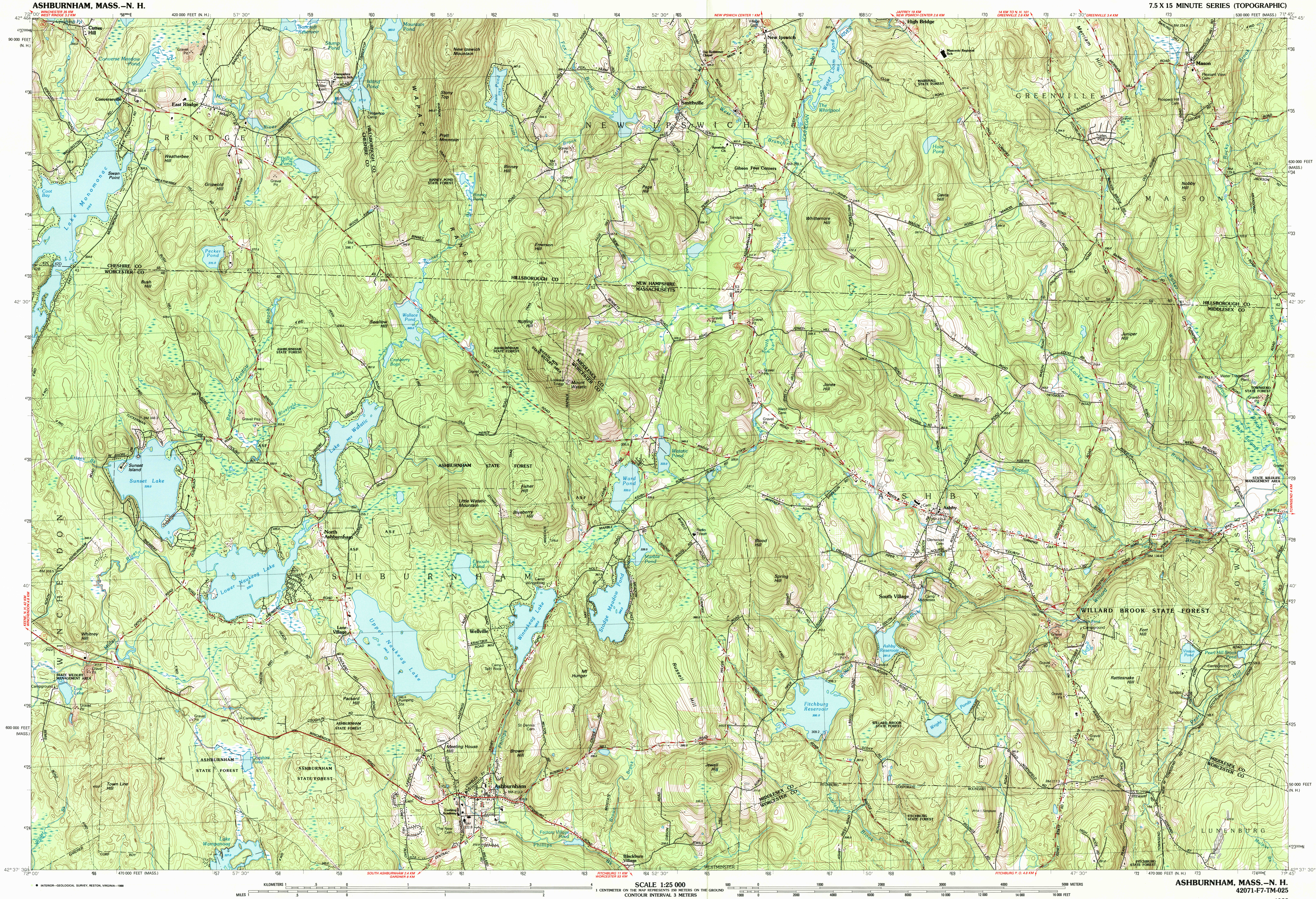




Ashburnham

MASS. - N. H.

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

USGS NMD HISTORICAL MAP

DECEMBER 1988

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 edited 1988
Supersedes Ashburnham and Ashby 1:25,000-scale maps dated 1965
Projection and 1000-meter grid, zone 19
Universal Transverse Mercator
10,000-foot grid ticks: 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
Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

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	6	7
2	6.5617		8	9	10	11
3	9.8425		12	13	14	15
4	13.1234		16	17	18	19
5	16.4043		20	21	22	23
6	19.6852		24	25	26	27
7	22.9661		28	29	30	31
8	26.2469		32	33	34	35
9	29.5278		36	37	38	39
10	32.8084		40	41	42	43

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

UTM grid convergence (1983 and 1989 series) declination (1983) 11° center of map
Diagram is approximate

1 Mainland
2A Presheborough South
3 Millard (7.5°)
4 Winchester
5 Townsend
6 Ashby
7 Fitchburg
8 Ayer

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	.....	.....
Footbridge; overpass; underpass	.....	.....
Build-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; land 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; salt 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	.....	.....
Submerged marsh land subject to controlled inundation	.....	.....
Woodland; scattered trees	.....	.....
Scrub; mangrove	.....	.....
Orchard; vineyard	.....	.....

A pamphlet describing topographic maps is available on request