



Southwick MASS.-CONN.

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

1987

Produced by the United States Geological Survey in cooperation with Massachusetts Department of Public Works and Connecticut Department of Environmental Protection
Control by USGS, NOS/NOAA, Commonwealth of Massachusetts agencies, and Connecticut Geological Survey
Compiled by photogrammetric methods from aerial photographs taken 1980. Field checked 1981. Map edited 1987
This area also covered by 7.5-minute 1:25,000-scale maps: West Granville 1971 and Southwick 1972
Projection and 1000-meter grid, zone 18
Universal Transverse Mercator
10,000-foot grid ticks based on Massachusetts coordinate system, mainland zone, and Connecticut coordinate system
To place on the predicted North American Datum 1983, move the projection lines 5 meters south and 35 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 0.3 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			4		5	
2	6.5617						
3	9.8425						
4	13.1234			6	A	B	
5	16.4042						
6	19.6850						
7	22.9659						
8	26.2467						
9	29.5275						
10	32.8084						

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

UTM grid convergence (GN and 300 magnetic declination) (MM) at center of map
Diagram is approximate

1 One
2 Randolph
3 Springfield North
4 Tolland Center
5 Springfield South
6 Windham (T.S.)
7 New Hartford (T.S.)
8 Westfield (T.S.)
9 Windsor Locks (T.S.)



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	
Built-up area: only selected landmark buildings shown	
Houses; farm; 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; adit or cave	
Control: horizontal station; vertical station; spot elevation	
Contours: index; intermediate; supplementary; depression	
Disturbed surface: strip mine, lava, sand	
Sounding: depth curve	
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	

1:25 000 SCALE
A pamphlet describing topographic maps is available on request

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