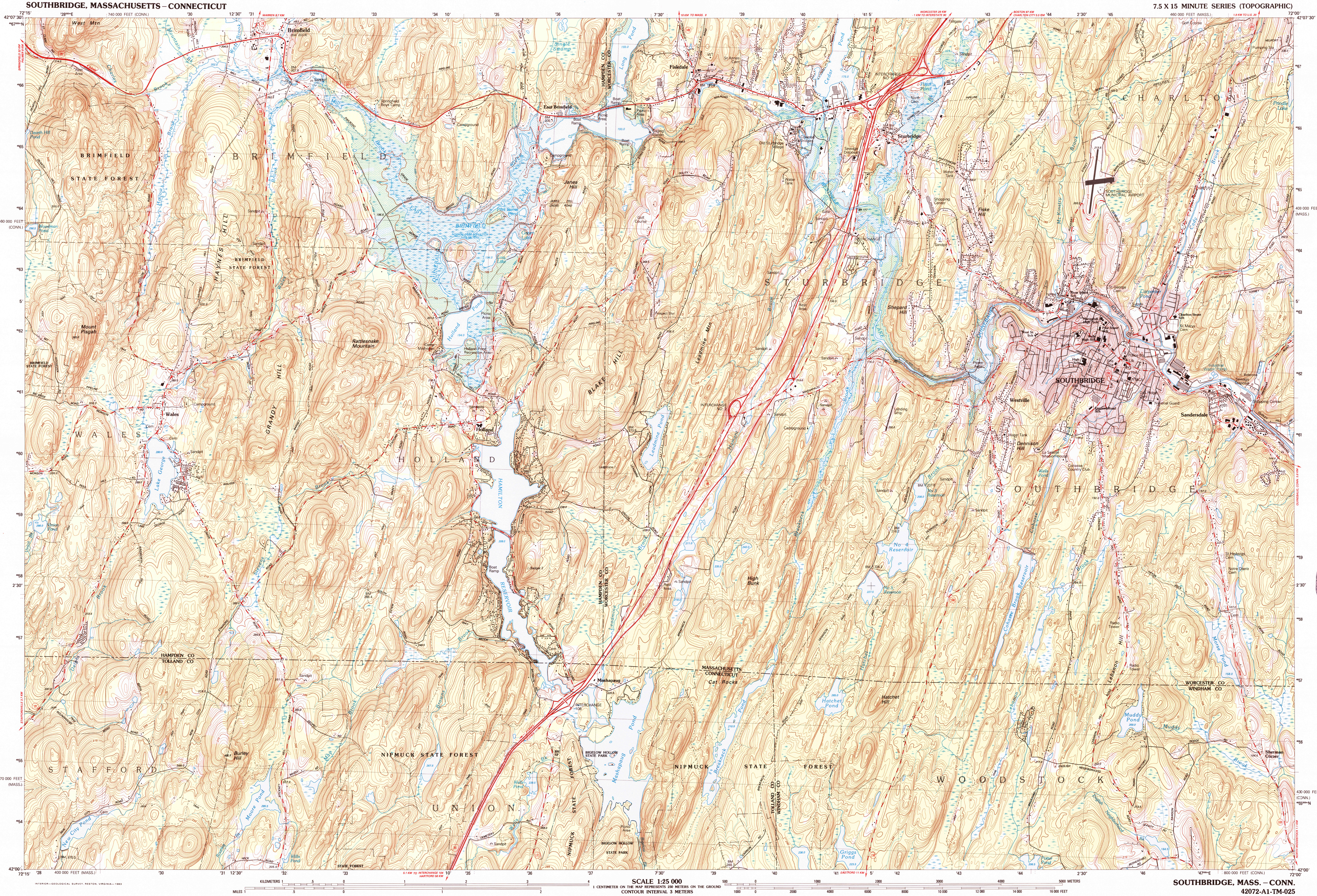
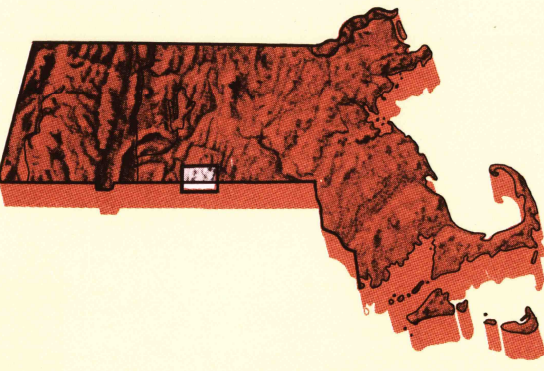




Southbridge

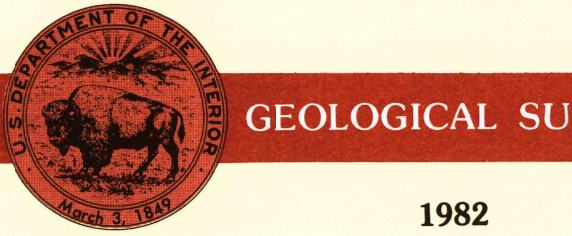
MASS. - CONN.

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



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 1980. Field checked 1981. Map edited 1982
This area also covered by 7.5-minute, 1:24,000-scale
maps: Wales and Southbridge dated 1967

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 39 meters
west as shown by dashed corner ticks
These 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

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

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS			
Meters	Feet	Meters		1	2	3	
1	3.2808	141°					
2	6.5617	142°					
3	9.8425	143°					
4	13.1234	144°					
5	16.4042	145°					
6	19.6850	146°					
7	22.9658	147°					
8	26.2466	148°					
9	29.5274	149°					
10	32.8084	150°					
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) Lat. 192° magnetic declination at center of map Diagram is approximate		1 Ludlow	2 Warren	3 South	
To convert feet to meters multiply by 0.3048				4 Monson	5 Ware	6 Stafford Springs (7.5')	
				7 Westford	8 Fitchburg (7.5')	9 Putnam (7.5')	



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	.....
Buildup 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; board 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	.....
Wellhead; water well; spring	.....
Mine shaft; prospect; shaft or cave	.....
Control: horizontal station; vertical station; spot elevation	.....
Contours: index; intermediate; supplementary; depression	.....
Distorted surface: steep slope, low, and	.....
Bathymetric 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: wetland	.....
Scrub; mangrove	.....
Orchard; vineyard	.....

A pamphlet describing topographic maps is available on request

SCALE 1:25 000

1 CENTIMETER ON THE MAP REPRESENTS 250 METERS ON THE GROUND
CONTOUR INTERVAL 3 METERS

SOUTHBRIDGE, MASS. - CONN.
42072-A1-TM-025

1982