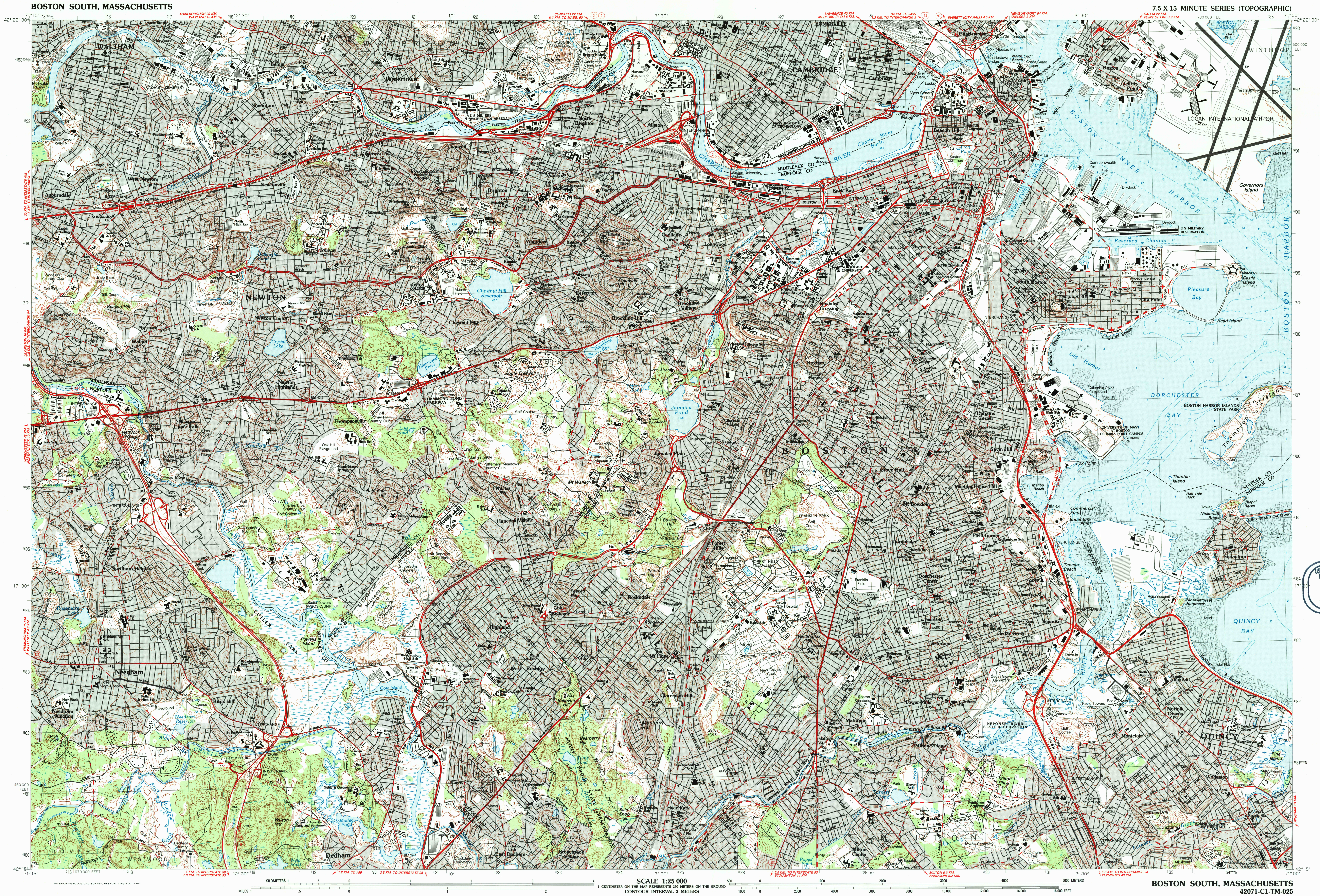
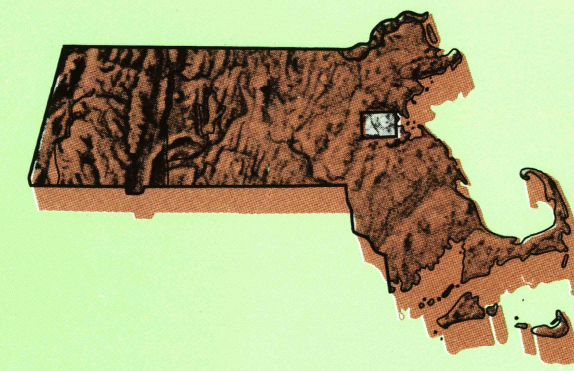




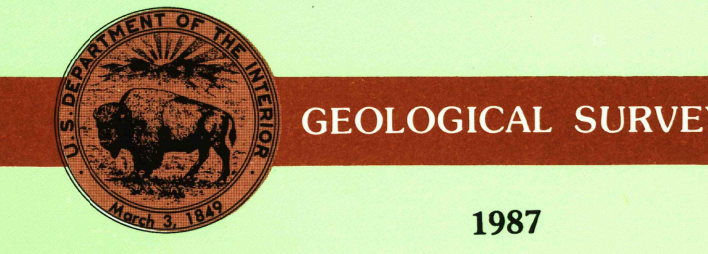
Boston South MASSACHUSETTS

1:25 000-scale metric
topographic map

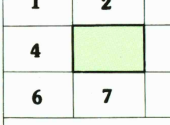


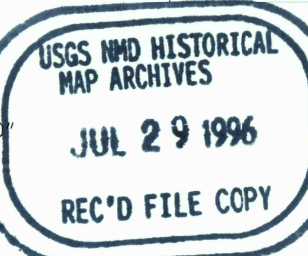
7.5 X 15 MINUTE QUADRANGLE
SHOWING

- 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 Commonwealth of Massachusetts agencies
Compiled by photogrammetric methods from aerial photographs taken 1978. Field checked 1979. Map edited 1987.
Supersedes Newton and Boston South 1:25,000-scale maps dated 1970.
Selected hydrographic data compiled from NOS charts 13270 (1982) and 13272 (1982). This information is not intended for navigational purposes.
Projection and 1000-meter grid: Universal Transverse Mercator, zone 19
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 42 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
DEPTH CURVES AND SOUNDINGS IN METERS
DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SOUNDING SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 2.5 METERS
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet			1	2	3
1	3.2808		1	2	3	
2	6.5616		4	5		
3	9.8424		6	7	8	
4	13.1232					
5	16.4040					
6	19.6848					
7	22.9656					
8	26.2464					
9	29.5272					
10	32.8094					
To convert meters to feet multiply by 3.2808		UTM grid convergence (GTM and 1000' magnetic declination) (N) at center of map Diagram is approximate				
To convert feet to meters multiply by 0.3048						



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, located tower
Dam, dam with lock
Cemetery, grave
Campground; picnic area, U.S. location monument
Windmill; water well; spring
Mine shaft; prospect; shaft or cave
Control: horizontal station; vertical station; spot elevation
Contours: index; intermediate; supplementary; depression
Distorted surface: strip mine, lava, sand
Soundings: depth curve
Personal 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
Sands; meadows
Orchard; vineyard

A pamphlet describing topographic maps is available on request.
FOR SALE BY U.S. GEOLOGICAL SURVEY
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