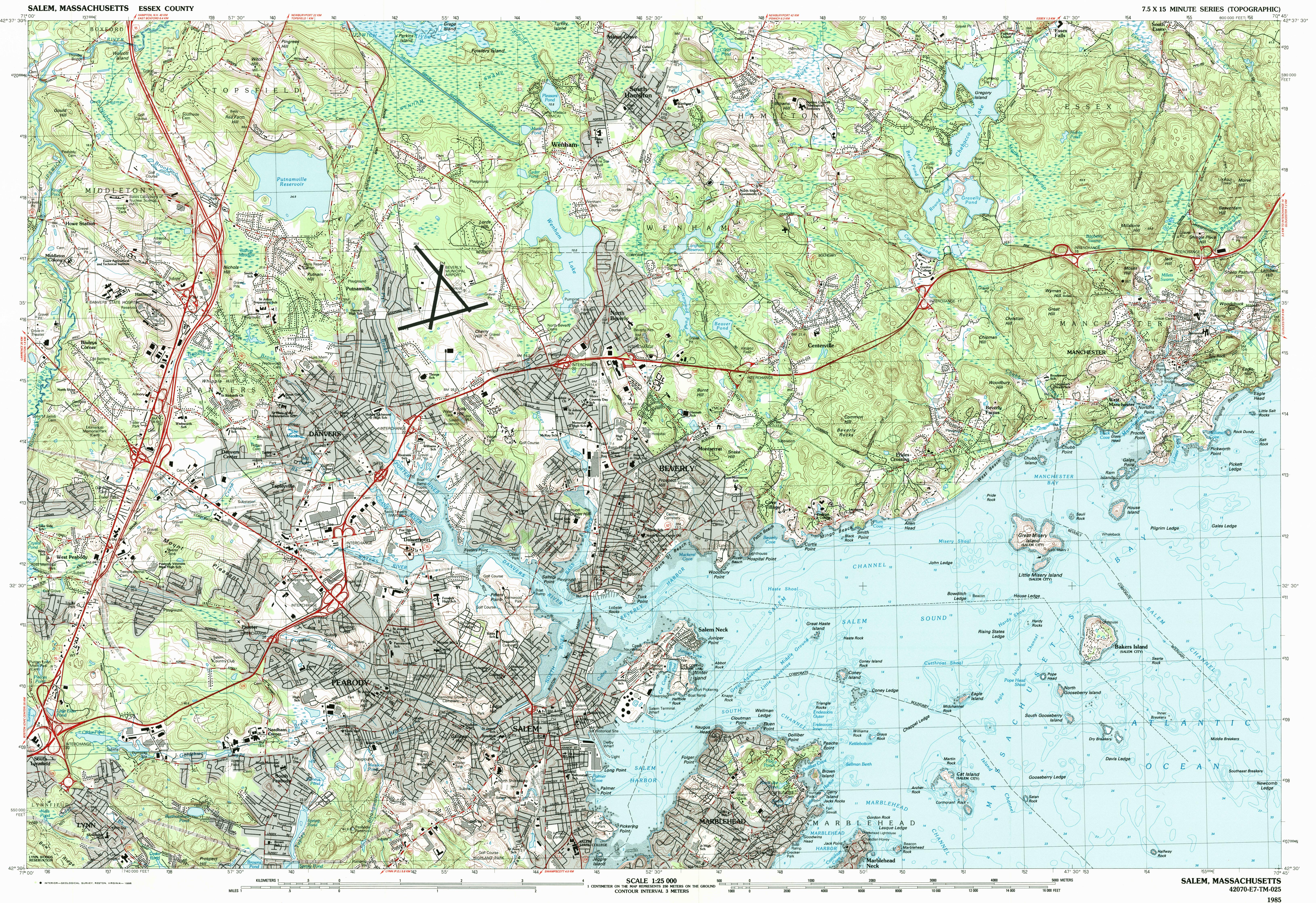




Salem

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

1985

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 1985

Supersedes Salem and Marblehead North 1:25,000-scale maps dated 1979

Selected hydrographic data compiled from NOS charts 13275 and 13276 (1991). This information is not needed for navigational purposes

Projection and 1000-meter grid: Universal Transverse Mercator, zone 19

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

SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER

THE MEAN RANGE OF TIDE IS APPROXIMATELY 2.7 METERS

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE	
Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
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

DECLINATION DIAGRAM	
V.M.	G.M.
16°	11°
284 MILS	23 MILS

UTM grid convergence (G.M. and V.M.) magnetic declination (M.M.) at center of map

Diagram is approximate

ADJOINING MAPS		
1	2	3
6	7	8

1 Lawrence
2 Ipswich
3 Rockport
4 Reading
5 Gloucester
6 Boston North
7 Lynn
8

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 gage, narrow gage

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; 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. National monument

Windmill; water well; spring

Mine shaft; prospect; adit or cave

Control: horizontal station; vertical station; spot elevation

Contours: index; intermediate; supplementary; depression

Distorted surface: strip mine, levee, sand

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; woodland

Scrub; mangrove

Orchard; vineyard

A pamphlet describing topographic maps is available on request

SALEM, MASSACHUSETTS
42070-E7-TM-025
1985

RETURN TO:
USGS NATIONAL MAP ARCHIVES
RESTON, VA 22092