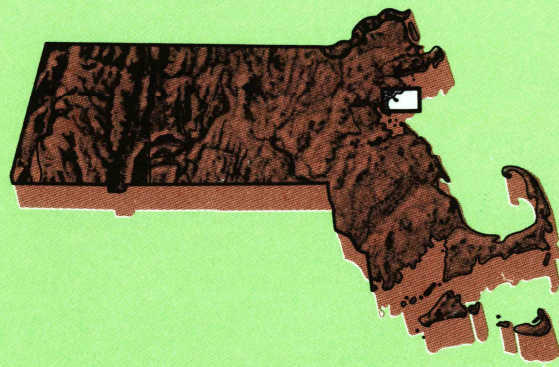


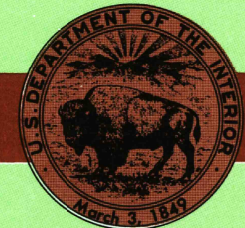
Lynn MASSACHUSETTS

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



GEOLOGICAL SURVEY

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 Lynn and Marblehead South 1:25,000-scale
maps dated 1970
Selected hydrographic data compiled from NOS charts, 13270,
13272 (1982), 13275, and 13276 (1981). 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
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		DECLINATION DIAGRAM	ADJOINING MAPS				
Meters	Feet		1	2	3	4	5
1	3.2808	16° 28' 4 MILES 11° 18' 23 MILES UTM grid convergence (GM) and 1985 magnetic declination (MD) at center of map Diagram is approximate	1	2	3	4	5
2	6.5617		6	7	8		
3	9.8425						
4	13.1234						
5	16.4042						
6	19.6850						
7	22.9659						
8	26.2467						
9	29.5276						
10	32.8084						
To convert meters to feet multiply by 3.2808		UTM grid convergence (GM) and 1985 magnetic declination (MD) at center of map Diagram is approximate	1	Reading			
To convert feet to meters multiply by 0.3048			2	Salem			
			3	Claustester			
			4	Boston North			
			5	Boston South			
			6	Hull			
			7				
			8				

USGS METRIC MAPS AVAILABLE BY U.S. GEOLOGICAL SURVEY
MAP ARCHIVES
MAY 24 1994
REC'D FILE COPY
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; round 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; sill or cave	.....	.....
Control: horizontal station; vertical station; spot elevation	.....	.....
Contours: index; intermediate; supplementary; depression	.....	.....
Distorted surface: strip mine, levee, sand	.....	.....
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; wooded	.....	.....
Scrub; mangrove	.....	.....
Orchard; vineyard	.....	.....

A pamphlet describing topographic maps is available on request

