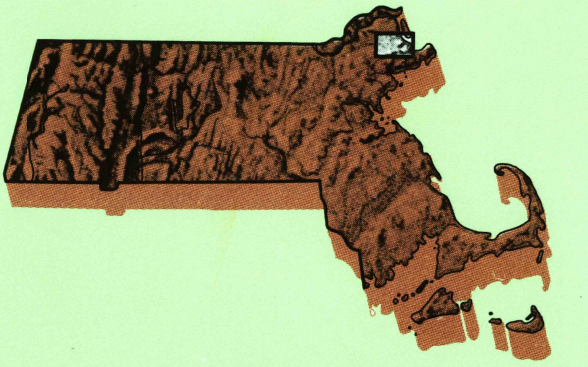


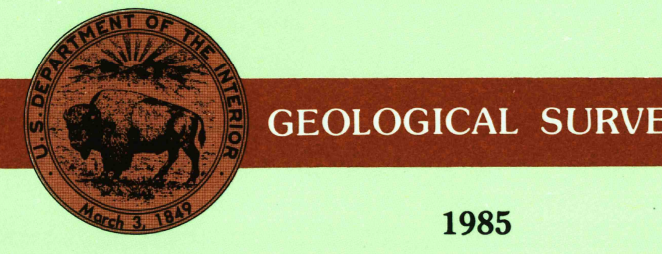
Ipswich MASSACHUSETTS

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



Published by the United States Geological Survey in cooperation with Massachusetts Department of Public Works

Control by USGS, NOS-NOAA, USCE, and Commonwealth of Massachusetts agencies

Compiled by photogrammetric methods from aerial photographs taken 1978. Field checked 1979. Map edited 1985. Superedes Georgetown and Ipswich 1:25,000-scale maps dated 1966 and 1982 (1978). This information is not intended 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 4 meters south and 42 meters west as shown by dashed corner ticks. There may be private labelings within the boundaries of the National 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 SURFING SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER THE MEAN RANGE OF TIDE IS APPROXIMATELY 2.6 METERS

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

| CONVERSION TABLE | | DECLINATION DIAGRAM | | ADJOINING MAPS | | | |
|------------------|---------|---------------------|--|----------------|---|---|--|
| Meters | Feet | Diagram | | 1 | 2 | 3 | |
| 1 | 3.2808 | | | 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 | | | | | | |



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 | |
| Fairway: standard gauge, narrow gauge | |
| 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 | |
| Compass rose, 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 | |
| Distorated 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; woodland | |
| Scrub; mangrove | |
| Orchard; vineyard | |

A pamphlet describing topographic maps is available on request