

LONG ISLAND WEST, NEW YORK-NEW JERSEY-CONNECTICUT

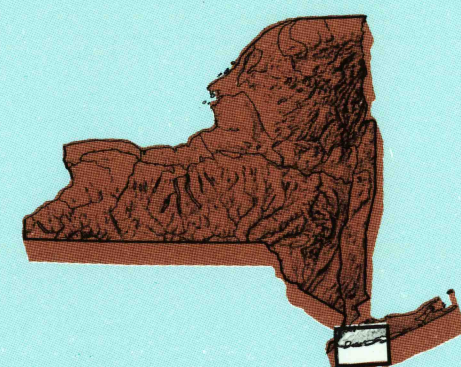
30 X 60 MINUTE SERIES (TOPOGRAPHIC-BATHYMETRIC)

Long Island West

NEW YORK-NEW JERSEY

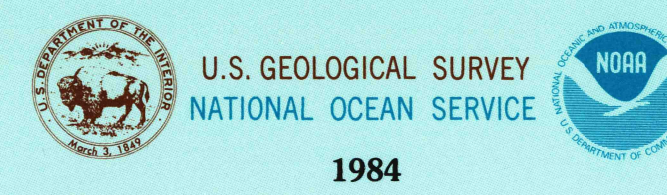
CONNECTICUT

1:100 000-scale metric  
topographic-bathymetric map



30 X 60 MINUTE QUADRANGLE  
SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names
- Bathymetric contours in meters



Produced by the United States Geological Survey and the National Ocean Service

Compiled from USGS 1:24 000-scale topographic maps dated 1967-1979. Bathymetry compiled by the National Ocean Service from tide-coordinated hydrographic surveys. This information is not intended for navigational purposes.

Mean lower low water (dotted line) and mean high water (heavy solid line) compiled by NOS from tide-coordinated aerial photographs, 1960-1983 and other source data. Revised information not field checked. Map dated 1988.

Projection and 10 000-meter grid, zone 18, Universal Transverse Mercator 25 000 foot grid scale based on New York coordinate system. Long Island and east coast, and New Jersey coordinate system 1983 North American Datum 1983, more the projection lines 6 meters south and 36 meters west.

Offshore protection survey data, shown in red, furnished by the Minerals Management Service. Mining lines indicate limits of Outer Continental Shelf Official Protection Diagram dated October 31, 1974. The protections on this map are not for Federal liability purposes; for such purposes, refer to OCS Official Protection Diagrams available from the Minerals Management Service.

There may be private holdings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 10 METERS  
SUPPLEMENTARY CONTOURS 5 METERS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
ELEVATIONS SHOWN TO THE NEAREST METER  
BATHYMETRIC CONTOUR INTERVAL 2 METERS WITH SUPPLEMENTARY 1 METER CONTOURS-MEAN LOWER LOW WATER DATUM  
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

BASE MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS. BATHYMETRIC SURVEY DATA COMPLIES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION 44 ACCURACY STANDARDS AND/OR STANDARDS USED AS OF THE DATE OF THE SURVEYS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS			
Meters	Feet		1	2	3	
1	3.2808		4	5		
2	6.5616		6	7	8	
3	9.8424					
4	13.1232					
5	16.4040					
6	19.6848					
7	22.9656					
8	26.2464					
9	29.5272					
10	32.8080					

To convert meters to feet multiply by 3.2808  
To convert feet to meters multiply by 0.3048

UTM grid convergence (GN) and 1984 magnetic declination (M) at center of map  
Diagram is approximate

138N 0-607-420294-4  
9 780607 420296

1 Middlebrook  
2 Bridgeport  
3 New Haven  
4 Newark  
5 Long Island East  
6 Tuxedo  
7 Long Branch  
8

Topographic Map Symbols

Primary highway, hard surface	
Secondary highway, hard surface	
Light duty road, principal street, hard or improved surface	
Other road or street, trail	
Route marker: Interstate, U. S., State	
Railroad: standard gage; narrow gage	
Bridge; overpass; underpass	
Tunnel: road; railroad	
Built-up area; locality; elevation	
Airport; landing field; landing strip	
National boundary	
State boundary	
County boundary	
National or State reservation boundary	
Land grant boundary	
U. S. public lands survey: range, township; section	
Range, township; section line: protected	
Power transmission line: pipeline	
Dam; dam with lock	
Cemetery; building; structure	
Windmill; water well; spring	
Mine shaft; adit or cave; mine, quarry; gravel pit	
Cemetery; picnic area; U. S. location monument	
Ruin; cliff dwelling	
Distorted surface: strip mine, lava, sand	
Contours: index; intermediate; supplementary	
Bathymetric contours: index; intermediate	
Stream, lake: perennial; intermittent	
Rapids, large and small; falls, large and small	
Area to be submerged; marsh, swamp	
Land subject to controlled inundation; woodland	
Salt marsh; vineyard	

A pamphlet describing topographic maps is available on request

FOR SALE BY U.S. GEOLOGICAL SURVEY  
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AND NATIONAL OCEAN SERVICE, ROCKVILLE, MARYLAND 20852

