



### 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

U.S. GEOLOGICAL SURVEY  
NATIONAL OCEAN SERVICE  
1984

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

Compiled from USGS 1:250,000-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 taken 1960-1983 and other source data. Revised information not field checked. Map dated 1988.

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 taken 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 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. These 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 buildings within the boundaries of the National or State reservations shown on this map.

CONTOUR INTERVAL 10 METERS  
SUPPLEMENTARY CONTOURS 5 METERS  
NATIONAL GEOGRAPHIC 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

Meters	Feet
1	3.2808
2	6.5616
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

Magnetic	True
231° 15'	0° 00'

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

1	2	3
4	5	6
7	8	

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

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### 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  
Bulk ware facility; structure  
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  
Canal; waterway, water well, spring  
Windmill; water well, spring  
Mine shaft; adit or cave; mine, quarry; gravel pit  
Cemetery; picnic area; U. S. location monument  
Ruins; 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  
Sand, mangrove  
Orchard; vineyard

A pamphlet describing topographic maps is available on request

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