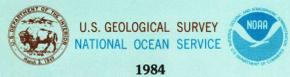


30 X 60 MINUTE QUADRANGLE
SHOWING

- 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 1:250 000-scale topographic maps dated 1955-1976. Bathymetry derived from aerial photographs from 1969 and other source data. Bathymetry not field checked. Map dated 1984.

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. Apparent shoreline (outer edge of map) shown by light solid line.

Projection and 10 000-meter grid, zone 18, Universal Transverse Mercator 25 000-foot grid ticks based on New York coordinate system. Long Island and 1927 North American Datum. To place on the projected North American Datum 1983, move the projection lines 5 meters south and 50 meters east.

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

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

CONTOUR INTERVAL: 10 METERS
NATIONAL GEODETIC DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER
BATHYMETRIC CONTOUR INTERVAL: 3 METERS WITH SUPPLEMENTARY 1 METER CONTOURS—MEAN LOWER LOW WATER DATUM
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE

BASE MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS. BATHYMETRIC SURVEY DATA COMPLES WITH INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO) SPECIAL PUBLICATION 4 ACCURACY STANDARDS AND/OR STANDARDS USED AS OF THE DATE OF THE SURVEYS.

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	29.5276
10	32.8084



ADJOINING MAPS	
1	2
3	4
5	6
7	8

LONG ISLAND EAST
ISBN # 0407420219 NY 100
DENVER, CO TB IA 22092
AND NATION # 9780407420210 LAND 20852

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 gauge; narrow gauge
- 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: projected
- Power transmission line; pipeline
- Dam; dam with lock
- Cemetery; building
- Windmill; water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Ruin; cliff dwelling
- Disturbed surface: strip mine, loess, sand
- Contours: index; intermediate; supplementary
- Bathymetric contours: index; intermediate
- Stream, lake: perennial; intermittent
- Reefs; strip and small; falls, large and small
- Area to be submerged; marsh, swamp
- Land subject to controlled inundation; woodland
- Scrub; mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request.

