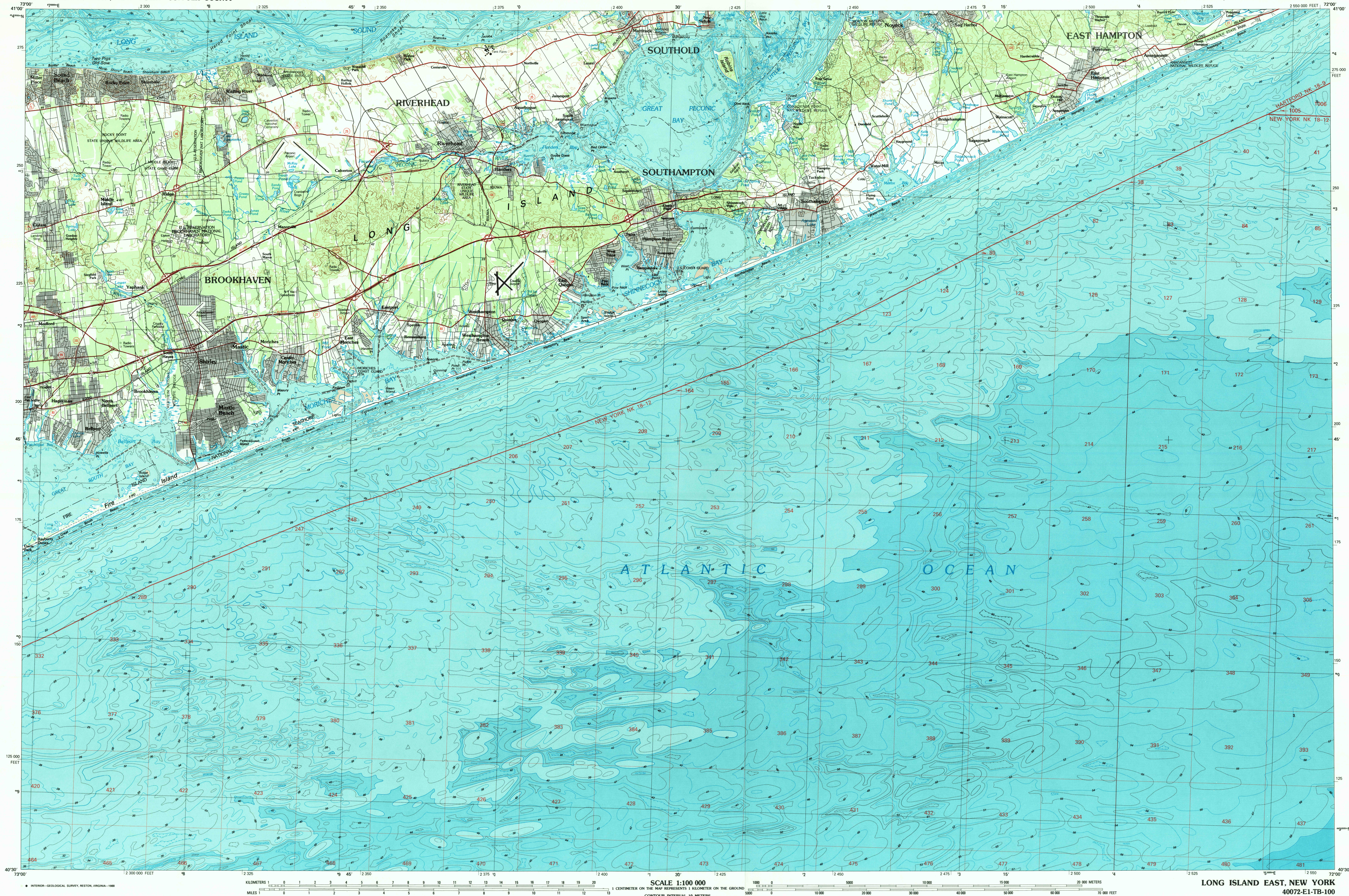
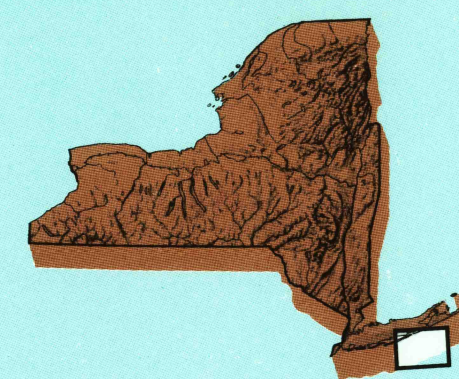
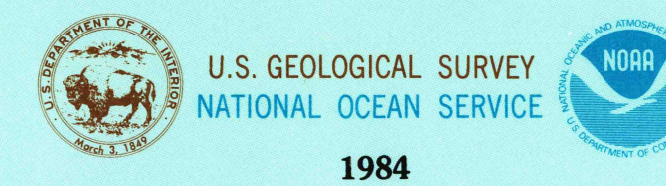


Long Island East
NEW YORK1:100 000-scale metric
topographic-bathymetric map30 X 60 MINUTE QUADRANGLE
SHOWING

- 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 ServiceCompiled from USGS 1:24 000-scale topographic maps dated 1955-1976.
Platymetry verified from aerial photographs taken 1966 and other source
data. Texted information not field checked. Map added 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
NOGS from tide-coordinated aerial photographs. Apparent shoreline (outer edge
of exposure) 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 area, 1972 North American Datum.
To place on the projected North American Datum 1983, move the projection lines
5 meters south and 35 meters west.Offshore protection survey data, shown in red, furnished by the Minerals
Management Service. Heavy lines indicate limits of Outer Continental Shelf
Official Protection Diagram dated October 31, 1974. The protection 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 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 SURVEY.

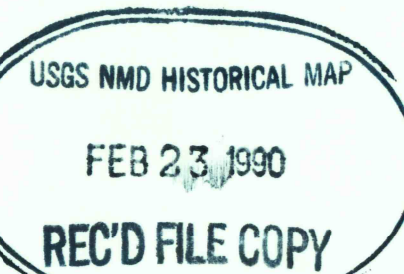
CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	MAGNETIC DECLINATION		1	2	3
1	3.2808			4	5	
2	6.5617			6	7	8
3	9.8425					
4	13.1234					
5	16.4042					
6	19.6850					
7	22.9659					
8	26.2467					
9	29.5276	UTM grid convergence (GN) and 1984 magnetic declination (MN) at center of map Diagram is approximate				
10	32.8084					
To convert meters to feet multiply by 3.2808						
To convert feet to meters multiply by 0.3048						

FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND NATIONAL OCEAN SERVICE, ROCKVILLE, MARYLAND 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 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	
Windmill; water well; spring	
Mine shaft; adit or cave; mine, quarry; gravel pit	
Campground; 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	
Scrub; mangrove	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request



LONG ISLAND EAST, NEW YORK

40072-E1-TB-100

1984