BRIDGEPORT, CONN.–N. Y.–N. J.

30 X 60 MINUTE SERIES (TOPOGRAPHIC–BATHYMETRIC)

Bridgeport

CONNECTICUT–NEW YORK–NEW JERSEY

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

1986

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

Compiled from USGS 1:24 000-scale topographic maps dated 1955-1984
Planimetry revised from aerial photographs taken 1983 and other source data. Revised information not field checked. Map edited 1986

Bathymetry compiled by the National Ocean Service from title-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 title-coordinated aerial photographs. Apparent shoreline (outer edge of vegetation) shown by light solid line

Projection and 10 000-meter grid, zone 18, Universal Transverse Mercator
25 000-foot grid ticks based on Connecticut coordinate system, and New York coordinate system, east zone, and Long Island zone
1927 North American Datum
To place on the predicted North American Datum 1983, move the projection lines 6 meters south and 36 meters west

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

CONTOUR INTERVAL 20 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

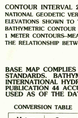
CONVERSION TABLE

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

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM



UTM grid convergence (GN) and 1980 magnetic declination (MN) at center of map
Diagram is approximate

ADJOINING MAPS

1	2	3
4		5
6	7	8

1 Monticello
2 Waterbury
3 Hartford
4 Middletown
5 New Haven
6 Newark
7 Long Island West
8 Long Island East

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: protracted
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

☆ ● INTERIOR–GEOLOGICAL SURVEY, RESTON, VIRGINIA–1988

SCALE 1:100 000

KILOMETERS 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 — 1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
MILES 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 — CONTOUR INTERVAL 20 METERS
1000 0 5000 10 000 15 000 20 000 METERS
5000 0 10 000 20 000 30 000 40 000 50 000 60 000 70 000 FEET

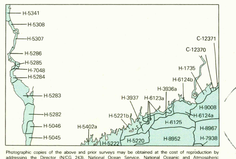
BRIDGEPORT, CONN.–N. Y.–N. J.
41073-A1-TB-100
1986

HYDROGRAPHIC SURVEY INFORMATION

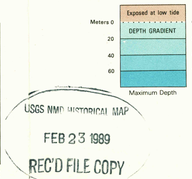
SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)
H-1776	1880	1:10 000	01.24
H-3936a	1916	1:10 000	01-.20
H-3937	1916	1:10 000	02-.07
H-5045	1930	1:5 000	02-.07
H-5046	1932	1:5 000	01-.08
H-5220	1932	1:20 000	02-.17
H-5221b	1932	1:10 000	02-.08
H-5222	1932	1:10 000	01-.14
H-5282	1932	1:10 000	01-.08
H-5283	1932	1:10 000	01-.07
H-5284	1932	1:10 000	01-.07
H-5285	1932	1:5 000	01-.08
H-5286	1932	1:5 000	01-.08
H-5307	1933	1:5 000	02-.06
H-5308	1933	1:5 000	04-.07
H-5341	1933	1:10 000	02-.08
H-5402a	1933	1:10 000	02-.15
H-6123a	1933-34	1:10 000	02-.08
H-6124a	1934	1:10 000	01-.06
H-6124b	1934	1:10 000	01-.06
H-6125	1934	1:20 000	01-.20
H-7048	1945	1:10 000	03-.05
H-7938	1951	1:10 000	03-.13
H-8952	1961	1:20 000	05-.11
H-9006	1968	1:20 000	05-.33
H-9008	1968	1:20 000	01-.10

NOS CHART 12370 JULY 1982 1:20,000
NOS CHART 12371 OCT. 1982 1:20,000

HYDROGRAPHIC SURVEY INDEX



Photographic copies of the above and prior surveys may be obtained at the cost of reproduction by addressing the Director (NCG), CK5, National Ocean Service, National Oceanic and Atmospheric Administration, Rockville, Maryland 20852



USGS NMD HISTORICAL MAP
FEB 23 1989
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