



UNITED STATES - EAST COAST
NEW YORK - NEW JERSEY

HUDSON RIVER

GEORGE WASHINGTON BRIDGE TO YONKERS

Mercator Projection
Scale 1:110,000 at Lat. 40°54'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

TECHNICAL INFORMATION

PLACE	HEIGHT	HEIGHT REFERRED TO
NAME	SAT/CD/NG	Mean Higher High Water
		Mean High Water
		Mean Low Water
		Low Water

HEIGHTS
Heights in feet above Mean High Water

AUTHORITIES
Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 2. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 1st Coast Guard District in Boston, MA, or at the Office of the District Engineer, Corps of Engineers in New York, NY.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 2 for important supplemental information.

ABBREVIATIONS
AGRD: approach
A: alternate
B: break
B: buoy
C: can
D: daymark
F: float
H: light
M: mooring
R: radar reflector
S: spar
T: tower
W: wreck
X: obstruction
Y: yellow

NOAA WEATHER RADIO BROADCASTS
The NOAA Weather Radio station listed below provides continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notices to Mariners.

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (not toll), or to the nearest U.S. Coast Guard facility. Telephone communication is impossible (33 CFR 153).

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

HORIZONTAL DATUM
The horizontal datum of this chart is the North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1983 must be corrected an average of 0.367' northward and 0.131' westward to agree with this chart.

CAUTION
SUBMARINE PIPELINES AND CABLES
Charted submarine pipelines and cables are shown as follows:
- Pipeline Area
- Cable Area

ADDITIONAL UNCHARTED SUBMARINE PIPELINES AND CABLES
Additional uncharted submarine pipelines and cables may exist within the area of this chart. For all submarine pipelines and submarine cables are required to be buried, and those that are not buried may become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling. Covered wells may be marked by lighted or unlighted buoys.

SOURCE DIAGRAM
The outlined areas represent the areas of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been conducted in the diagram by date and type of survey. Charted information by the U.S. Army Corps of Engineers are periodically re-surveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

SOURCE
A: 1990-2004 NOS Surveys - full bottom coverage
B4: 1990-1999 NOS Surveys - partial bottom coverage

NOTE 1
The State of New York waters in the Hudson River from the Battery in Manhattan to the Federal Dam in Troy are designated as a No-Discharge Zone (NDZ).

NOTE 2
Under the Clean Water Act, Section 312, all vessels operating within a No-Discharge Zone (NDZ) are completely prohibited from discharging any oil, grease, paint, or other pollutants into the water. All vessels with an installed marine sanitation device (MSD) that are navigating through an NDZ are required to pump out or discharge into a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA) web site: <http://www.epa.gov> or <http://www.epa.gov/epaospl/ndz/>.

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