BookletChart™

Hudson River –
New York to Wappinger Creek
NOAA Chart 12343

A reduced-scale NOAA nautical chart for small boaters
When possible, use the full-size NOAA chart for navigation.

- Complete, reduced-scale nautical chart
- Print at home for free
- Convenient size
- Up-to-date with Notices to Mariners
- Compiled by NOAA’s Office of Coast Survey, the nation’s chartmaker

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Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America’s commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart™?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at http://www.NauticalCharts.NOAA.gov.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.


(Selected Excerpts from Coast Pilot)

Hudson River, sometimes called North River in New York City, has its source in the Adirondack Mountains, about 275 miles along its course from a junction with East River at The Battery, NY, and flows in a general southerly direction into New York Upper Bay. Troy Lock and Dam, 134 miles above The Battery, permits vessels to pass from tidewater to the upper river and the New York State Canal System. The river water is usually fresh as far south as Poughkeepsie, halfway from Troy Lock and Dam to The Battery.

New York City extends along the eastern bank of Hudson River for a distance of about 14 miles above The Battery. For about 5 miles northward from The Battery, the New York waterfront is an almost continuous line of wharves and piers, some of which can accommodate the largest transatlantic liners.

On the opposite side of Hudson River from New York City are Jersey City, Hoboken, Weehawken, West New York, Guttenberg, Edgewater, Fort Lee and Englewood Cliffs. The shoreline from Jersey City to Edgewater is lined with ruined piers and piling fields. Mariners must check with local authorities and property owners for approval prior to mooring.

Channels.--The lower Hudson River has depths of 43 feet or more in midchannel from deep water in Upper New York Bay off Ellis Island to the upper limit of New York City’s major wharves at 59th Street, about 5.3 miles above the entrance. Above this point, the Federal project depth is 32 feet to Albany. (See Notice to Mariners and latest editions of charts for controlling depths.)

Seasonal buoyage.--The lighted buoys marking the Hudson River channel are replaced during the winter by smaller lighted ice buoys or unlighted buoys.

Bridges.--The bridges over Hudson River from New York to Albany have either fixed or suspension spans. The limiting bridge clearance over the lower Hudson River is 139 feet, at the Tappan Zee Bridge (IS 87/287). The middle Hudson River has a limiting bridge clearance of 134 feet at the Mid-Hudson Bridge (US Route 44) at Poughkeepsie. The upper Hudson River has a limiting bridge clearance of 135 feet at the Castleton-on-Hudson Bridge (New York State Thruway/IS 90 E-W). The least clearance of the overhead cables is 145 feet.

Anchorage.--General anchorages begin 5 miles above The Battery and extend upstream for about 10 miles. (See 110.1 and 110.155, chapter 2, for limits and regulations.)

Vessels proceeding from New York to Albany occasionally anchor overnight in the vicinity of Kingston, 79 miles above The Battery and 47 miles below Albany, to await daylight hours for passing through the constricted part of the river.

A buoyed anchorage, 400 feet wide and 2,400 feet long, is on the east side of the channel just above Stuyvesant (42°23'22"N., 73°46'53"W.), about 15 miles below Albany.

Dangers.--Numerous fishes are planted each spring, usually from about mid-March to mid-May, during the spawning season. (See chapter 2, for limits and regulations.)

Navigation of the river is easy as far north as Kingston, but above Kingston it is more difficult because of the numerous steep-to shoals and middle grounds. In general tows will follow the shoreline which is most favorable as regards wind and current; with a strong northwest wind, tows will follow the west shore regardless of the direction in which they are traveling.

Regulated Navigation Area.--The Coast Guard established a regulated navigation area on the navigable waters of the Hudson River south of the Troy Locks, effective during certain ice conditions. (See 33 CFR 165.165, chapter 2, for limits and regulations.)
Lateral System As Seen Entering From Seaward
on navigable waters except Western Rivers

PORT SIDE
ODD NUMBERED AIDS
- GREEN LIGHT ONLY
- FLASHING (2)
- OCCULTING
- QUICK FLASHING
- ISO

PREFERRED CHANNEL
NO NUMBERS – MAY BE LETTERED
- PREFERRED CHANNEL TO STARBOARD TOPMOST BAND GREEN
- COMPOSITE GROUP FLASHING (2+1)

PREFERRED CHANNEL
NO NUMBERS – MAY BE LETTERED
- PREFERRED CHANNEL TO PORT TOPMOST BAND RED
- COMPOSITE GROUP FLASHING (2+1)

STARBOARD SIDE
EVEN NUMBERED AIDS
- RED LIGHT ONLY
- FLASHING (2)
- OCCULTING
- QUICK FLASHING
- ISO

For more information on aids to navigation, including those on Western Rivers, please consult the latest USCG Light List for your area. These volumes are available online at http://www.navcen.uscg.gov
This BookletChart was reduced to 75% of the original chart scale. The new scale is 1:53333. Barscales have also been reduced and are accurate when used to measure distances in this BookletChart.
POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 1-800-434-4359 (toll free), or to the nearest U.S. Coast Guard facility if telephonic communication is impossible (33 CFR 117).

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

NOTE A
Charted oil and gas pipelines and subsea cables are shown as.

Additional submarine cables are not shown on this chart. Not all marine cables shown are those that we became aware of at the time this chart was published. Changes to water depth, pipelines, and anchoring, or deferred or unlighted buoys, could significantly affect the accuracy of this chart.
Note: Chart grid lines are aligned with true north.
VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.
Channel 9 – Communications between boats and ship-to-coast.
Channel 13 – Navigation purposes at bridges, locks, and harbors.
Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other vessels. Contact the other vessel, agree to another channel, and then switch.
Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.
Channels 68, 69, 71, 72 and 78A – Recreational boat channels.

Getting and Giving Help — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

NOAA Weather Radio All Hazards (NWR) is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.

http://www.nws.noaa.gov/nwr/

Quick References

Nautical chart related products and information — http://www.nauticalcharts.noaa.gov
Interactive chart catalog — http://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml
Chart and chart related inquiries and comments — http://ocsdata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs
Chart updates (LNM and NM corrections) — http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html
Coast Pilot online — http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm
Tides and Currents — http://tidesandcurrents.noaa.gov
National Data Buoy Center — http://www.ndbc.noaa.gov/
NowCoast web portal for coastal conditions — http://www.nowcoast.noaa.gov/
National Hurricane Center — http://www.nhc.noaa.gov/
Pacific Tsunami Warning Center — http://ptwc.weather.gov/
Contact Us — http://www.nauticalcharts.noaa.gov/staff/contact.htm

This Booklet chart has been designed for duplex printing (printed on front and back of one sheet). If a duplex option is not available on your printer, you may print each sheet and arrange them back-to-back to allow for the proper layout when viewing.