BookletChart™
Cape Henlopen to Indian River Inlet
NOAA Chart 12216

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
What are Nautical Charts?

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 shipping 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.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=12216

(Selected Excerpts from Coast Pilot)

The Cape May-Lewes Ferry crosses the channel in Delaware Bay northward of Cape Henlopen.

In bad weather small craft anchor behind the breakwaters north and west of Cape Henlopen.

Harbor of Refuge is behind the breakwater that begins 0.7 mile north of Cape Henlopen and extends north-northwestward. Harbor of Refuge Light, (38°48.9'N., 75°05.6'W.), 72 feet above the water, is shown from a white conical tower on a cylindrical substructure near the south end of the breakwater; the station has a fog signal. A light marks the breakwater near its northern end.

The harbor has depths of 17 to 70 feet between the breakwater and a shoal ridge, 8 to 12 feet deep, 1 mile to the southwestward. The entrance from across The Shears has depths of 10 feet or less. Harbor of Refuge affords good protection during easterly gales.

Breakwater Harbor is excellent for light-draft vessels in all weather except heavy northwesterly gales and even then affords considerable protection.

Two channels lead through Breakwater Harbor. The channel from the northeast and the ferry basin had depths of 10 feet. The channel from the north had a depth of 10 feet.

Roosevelt Inlet. The inlet is protected by jetties that are awash at low water; each marked by a light on its outer end. The channel is marked by the jetty lights and a 213° lighted range. The current velocity is 0.9 knot in Roosevelt Inlet. Gasoline and diesel fuel can be obtained at a yacht club on the northeast side.

Broadkill River is entered by an inside passage that extends 2 miles from the Roosevelt Inlet jetties to the old mouth of the river.

Twin bridges over Broadkill River have a clearance of 18 feet. Above the bridges, the river has numerous snags and much floating debris.

The Lewes and Rehoboth Canal extends 8 miles from Roosevelt Inlet to Rehoboth Bay. The entrance to Rehoboth Bay is between marked, submerged, stone jetties southwest of Dewey Beach. The speed limit is 4 miles per hour in the canal.

Bridges and cables.—The U.S. Route 9 Business highway bridge over the canal at Lewes has a bascule span with a clearance of 15 feet. The overhead power cable to the west of the bridge has a clearance of 68 feet. The Delaware Coast Line railroad bridge, 0.2 mile southeastward of the highway bridge, has a 46-foot swing span with a clearance of 10 feet; the span remains in the open position except for infrequent passage of trains; the overhead cable at the bridge has a clearance of 68 feet. The U.S. Route 9 fixed highway bridge 100 yards southeastward of the railroad bridge has a 46-foot span with a clearance of 35 feet. These bridges restrict the normal water flow in the canal and produce very strong currents. Small craft should proceed with caution in these areas.

The State Route 1 Alternate highway bridge over the canal at Rehoboth Beach, 6.5 miles from Roosevelt Inlet, has a 49-foot bascule span with a clearance of 16 feet; the overhead power cables on the north side of the bridge have a least clearance of 55 feet. The State Route 1 fixed highway bridge, 0.3 mile farther southward, has a clearance of 35 feet. The overhead power cables on the north and south side of the bridge have a least clearance of 55 feet. (See 117.1 through 117.59 and 117.239, chapter 2, for drawbridge regulations.)

A channel leads from Indian River Inlet through Indian River Bay and up Indian River to Millsboro, 12 miles above the inlet. The channel from the entrance to Buoy 20 in Indian River Bay is subject to continual change due to severe shoaling. The channel is marked by uncharted buoys that are frequently shifted to mark the best water. The channel to Millsboro is marked by daybeacons and seasonal buoys.

Currents.—The current velocity is about 2 knots; caution is necessary, because the buoys sometimes tow under.

The fixed highway bridge over Indian River Inlet has a clearance of 35 feet for a midwidth of 100 feet or 32 feet for a width of 200 feet. The stub ends of a former drawbridge, now used as fishing piers, are close westward of the bridge. An overhead power cable with a clearance of 66 feet crosses the inlet about 100 yards westward of the bridge.

U.S. Coast Guard Rescue Coordination Center

24 hour Regional Contact for Emergencies

RCC Norfolk

Commander
5th CG District
Norfolk, VA

(575) 398-6231
To make suggestions, ask questions, or report a problem with a chart, go to https://www.nauticalcharts.noaa.gov/customer-service/assist/

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
NOTE X
Within the 12-nautical mile Territorial Sea, established by Presidential Proclamation, some Federal laws apply. The Three Nautical Mile Line, previously identified as the outer limit of the territorial sea, is retained as it continues to depict the jurisdictional limit of the other laws. The 24-nautical mile Exclusive Economic Zone of the United States, offshore from the Three Nautical Mile Line, is not depicted on this chart. The 24-nautical mile Exclusive Economic Zone was established by Presidential Proclamation. Federal laws apply to the three areas up to 24 nautical miles offshore. The 24-nautical mile Exclusive Economic Zone and the 200-nautical mile Exclusive Economic Zone were established by Presidential Proclamation. Federal laws apply to the three areas up to 24 nautical miles offshore. Federal laws apply in the 200-nautical mile Exclusive Economic Zone. Federal laws may apply in the 200-nautical mile Exclusive Economic Zone, subject to change by treaty or statute.
### Data Table

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### Notes
- Area is subject to frequent changes.
- Consult the Corps of Engineers for changing conditions.

### Chart Notes
- **Racing Buoys:** Racing buoys not shown. Information may be obtained from the U.S. Coast Guard District Offices or the Private Buoy List.

### Chart Information
- Horizontal Datum: North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System of 1984 (WGS 84). Geodetic positions referred to the North American Datum of 1927 must be corrected an average of 0.40' northward and 1.30' eastward to agree with this chart.

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**LEWES AND REHOBOTH CANAL**

The Corps of Engineers has confirmed (April 2015) that the channel past the Turning Basin to Rehoboth Bay remains an authorized navigational project and has not been actively maintained since 1984. There are no plans in survey this project in the foreseeable future.

The controlling depth after the Turning Basin to Rehoboth Bay was 4 feet for the centerline of the channel.

**Aug 1984**

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**RIGHT WHALE SEASONAL MANAGEMENT AREA**

All schools greater than or equal to 35 feet in length must slow to 10 knots or less in seasonal management areas.
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.

Distress Call Procedures
• Make sure radio is on.
• Select Channel 16.
• Press/Hold the transmit button.
• Clearly say: “MAYDAY, MAYDAY, MAYDAY.”
• Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
• Release transmit button.
• Wait for 10 seconds — If no response, repeat MAYDAY call.

HAVE ALL PERSONS PUT ON LIFE JACKETS!

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 (LNMs 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
Marine Forecasts — http://www.nws.noaa.gov/om/marine/home.htm
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

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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.

NOAA’s Office of Coast Survey
The Nation’s Chartmaker