BookletChart™

Key West to the Mississippi River
NOAA Chart 11006

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 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]
The Gulf of Mexico coast of the United States, from Key West, FL, to the Rio Grande, is low and mostly sandy, presenting no marked natural features to the mariner proaching from seaward; shoal water generally extends well offshore. The principal points and harbor entrances are marked by lights, which are the chief guides for approaching or standing along the coast.

From the S shore of the Florida mainland, the Florida Keys and Florida Reefs extend for about 134 miles in the SW curve to Sand Key Light, and about 58 miles in a W direction to Loggerhead Key. These keys and reefs are of sand, shell, and coral formation. The reefs have frequent shoal patches. The keys are generally low and covered with mangrove. Together, they form the N boundary of the Straits of Florida. Toward the W end are several openings between the keys offering passage from the straits into the Gulf.

The SW extremity of the Florida mainland is part of the Everglades National Park and Big Cypress Swamp. Much of these areas are under water throughout the year and are nearly all covered during the rainy summer season. Fronting the swampy areas are the Ten Thousand Islands, a group of low mangrove-covered islands divided by tidal channels. N of the Ten Thousand Islands the coast is low, sandy, and generally backed by pine forests and Hammocks. These hammocks are a jungle of tropical trees, mostly hardwood, which appear as an impenetrable green wall.

From Cape Romano to Anclote Keys the coast becomes a barrier beach of low islands separated by inlets, most of which are small and cannot be distinguished from offshore. Between Anclote Keys and St. James Island, the W side of Apalachee Bay, the coast is low and marshy for 1 to 2 miles inland then backed by pine forests. The shoreline is broken by a number of unimportant rivers and creeks.

W of St. James Island to the South Pass of the Mississippi River, the coast is mostly a barrier beach of low, wooded, sand islands. The general drift of these islands is to the W which causes an encroachment upon the channels between them. Hurricanes and heavy gales will sometimes change the shape of these islands and in some cases they have washed away leaving only shoals.

Harbor entrances.--The entrances to most of the harbors along the Gulf Coast are obstructed by shifting sandbars. The more important entrances have been improved by dredging and in some cases by construction of jetties. On many of the bars the buoys are moved from time to time to mark the shifting channels. The best time to enter most of the harbors is on a rising tide.

The tidal currents have considerable velocity in most of the harbor entrances and their direction is affected by the force and direction of the wind. In S gales the sea breaks on some of the bars.

Anchorages.--Fairway anchorages have been established off the entrances to some of the ports; these areas are generally free of oil well structures. (See 166.100 through 166.200, chapter 2, for references to the charts showing the limits of the anchorages, and regulations governing them.) Other anchorages have been established along the Gulf Coast, bays, sounds, and rivers. (See Part 110, chapter 2, for limits and regulations.)

Area to Be Avoided.--The Area to Be Avoided Off the Coast of Florida (ATBAOCF) has been established. The ATBAOCF has been established in order to reduce the risk of large vessel groundings which are found to constitute a serious threat to the continued vitality of the marine environment of the Florida Keys. The ATBAOCF has also been adopted by the International Maritime Organization (IMO), effective November 16, 1991.

Dangers.--Danger zones and Restricted areas, extending as much as 100 miles offshore, are located in the Gulf of Mexico from Key West to the Rio Grande. (See Parts 162 and 334, chapter 2, for limits and regulations.)

Fish havens, some marked by privately maintained buoys, are numerous along the coast of the Gulf of Mexico. Navigators should be cautious about passing over fish havens or anchoring in their vicinity.

U.S. Coast Guard Rescue Coordination Center
24 hour Regional Contact for Emergencies

RCC New Orleans Commander
8th CG District (504) 589-6225
New Orleans, LA
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

GREEN LIGHT ONLY
COMPOSITE GROUP FLASHING (2+1)

PREFERRED CHANNEL
NO NUMBERS – MAY BE LETTERED
PREFERRED CHANNEL TO PORT
TOPMOST BAND RED

RED LIGHT ONLY
COMPOSITE GROUP FLASHING (2+1)

STARBOARD SIDE

EVEN NUMBERED AIDS

RED LIGHT ONLY
FLASHING (2)
OCCULTING
QUICK FLASHING
ISO

LIGHTED BUOY

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: Chart grid lines are aligned with true north.
This BookletChart was reduced to 70% of the original chart scale. The new scale is 1:1250000. Barscales have also been reduced and are accurate when used to measure distances in this BookletChart.
5

Note: Chart grid lines are aligned with true north.
KEY WEST TO THE MISSISSIPPI RIVER

Mercator Projection
Scale 1:975,000 at Lat. 26°07'38"
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FATHOMS
AT MEAN LOWER LOW WATER

Additional information can be obtained at nauticalcharts.nos.navy.mil

For offshore navigation only
Detail within the 10 fathom curve is not shown on this chart except on offlying shallows.

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

HEIGHTS
Heights in feet above Mean High Water.

HORIZONTAL DATUM
The horizontal reference datum of this chart is 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 do not require conversion to NAD 83 for plotting on this chart.

NOTE N
Prominent areas
(areas to be avoided)
Under the Florida Keys National Marine Sanctuary and the Key West National Marine Sanctuary, vessels are to be avoided by both vessels and vessels traveling greater than 20 knots of length.

NOTE X
Within the 10-nautical mile Federal Water Boundary, established by presidential proclamation, some Federal laws apply. The Three Nautical Mile Line, previously identified as the outer limit of the territorial sea, continues to be the outer limit of the territorial sea. The Naval Base Key West and the Naval Oceanographic Base, Key West, are areas to be avoided by all vessels and vessels traveling greater than 20 knots of length.

CAUTION
Temporary changes or deletions in aids to navigation are not indicated on this chart. See Local Notice to Mariner.

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

NOTES
Regulations for Ocean Dumping Sites are contained in 40 CFR, Parts 300-309. Additional information concerning the regulations and requirements for use of these sites may be obtained from the Environmental Protection Agency (EPA). See U.S. Coast Pilot, appendix for addresses of EPA offices. During subsequent to the survey dates may have reduced theExplorer drawn.

CAUTION
Limitations on the use of radio signals on aids to marine navigation can be found in the U.S. Coast Guard Light List and National Geodetic Intelligence Agency Publication 117. Radio direction finder beacons are commercial broadcasting stations are subject to error and should be used with caution. Station positions are shown thus.

Page of 11
Note: Chart grid lines are aligned with true north.
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NATIONAL OCEANOGRAPHIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

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.

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

For the latest news from Coast Survey, follow @NOAACharts

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