BookletChart™

Lake Erie
NOAA Chart 14820

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.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=148

(Selected Excerpts from Coast Pilot)

Lake Erie is the southeasternmost and fourth largest of the five Great Lakes. With a greatest depth of 210 feet, it is the shallowest of the lakes and the only one with a floor above sea level. The deepest part of the lake is generally at the E end, while the island region in the W part of the lake is the shallowest. The lake has an average depth of 62 feet. The lake is fed at the NW end by water from Lake Huron via St. Clair River, Lake St. Clair, and Detroit River. The only natural outlet of the lake is at the NE end through Niagara River. Welland Canal bypasses the falls and rapids of Niagara River and provides a navigable connection to Lake Ontario.

U.S. Coast Guard Rescue Coordination Center

24 hour Regional Contact for Emergencies

RCC Cleveland          Commander
9th CG District         (216) 902-6117
Cleveland, OH
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 1:533333. Barscales have also been reduced and are accurate when used to measure distances in this BookletChart.
LAKE ERIE

Mercator Projection
Scale 1:400,000 at Lat 42° 00’
North American Datum of 1983
(World Geodetic System 1984)

DEPTHS IN METERS AND DECIMETERS
Depth contour interval 30 meters (under 90 feet)
Additional information can be obtained at nauticalcharts.noaa.gov.

NOTES
PLANE OF REFERENCE OF THIS CHART (Lake Erie Datum): 312.50 m
Referred to mean water level at Rimouski, Quebec, International Great Lakes Datum (1955).

AIDS TO NAVIGATION: Consult U.S. Coast Guard Light List for supplemental information
containing aids to navigation. See Canadian List of Lights, Beacons and Fog Signals for information
not included in the U.S. Coast Guard Light List.

SYMBOLS AND ABBREVIATIONS: For complete list of symbols and abbreviations see Chart
No. 3.

AUTHORITIES: Hydrography and Topography by the National Ocean Service, Coastal Survey,
with additional data from the Corps of Engineers, Geodetic Survey, U.S. Coast Guard, and
Canadian authorities.

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).
Geographic positions referred to the North American Datum of 1927 do not require
conversion to NAD 83 for plotting on this chart.

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nations may claim intellectual property rights on the compilation of charts depicting
the foreign waters shown on this chart.

This chart was developed within the framework of international specifications in cooperation with
the Canadian Hydrographic Service.

Sailing courses are recommended by the Lake Erie Association and
the Chamber of Marine Commerce as voluntary guidelines for course to steer
with navigation safety and Collision Regulations always taking priority.

Lake Erie
DEPTHS IN METERS - SCALE 1:400,000

14820

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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.nco.nco.gov/ids/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 @NOAAClerts

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.