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Table with 2 columns: FEET, METERS. Conversion scale from 0 to 1200 feet and 0 to 1200 meters.

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NOAA WEATHER RADIO BROADCASTS: The NOAA Weather Radio stations listed below provide 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.

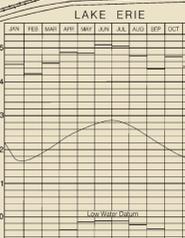


Table: LORAIN HARBOR CHANNEL DEPTHS. Tabulated from surveys by the Corps of Engineers - Report of Jan 2015 and surveys to Dec 2015. Columns include Name of Channel, Left Bank, Middle, Right Bank, Date of Survey, Width, Length, Depth.

Table: BLACK RIVER CHANNEL DEPTHS. Tabulated from surveys by the Corps of Engineers - Report of Jan 2015 and surveys to Dec 2015. Columns include Name of Channel, Left Bank, Middle, Right Bank, Date of Survey, Width, Length, Depth.

MAGNETIC ACTIVATED SOUND SIGNAL: LORAIN HARBOR LIGHT - (MRASS) Horn is activated by keying mic 5 times on VHF-FM Ch 8A.

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 1984 (WGS 84).

NOTE: A navigation regulations are published in Chapter 2, U.S. Coast Pilot 6. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, U.S. Coast Guard District in Cleveland, Ohio or at the Office of the District Engineer, Corps of Engineers in Buffalo, New York.

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

POLLUTION REPORTS: Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-9300 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

CAUTION: Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117.

CAUTION: Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

CAUTION: Station positions are shown thus: (Circled location) or (Approximate location)

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

CAUTION: During some winter months or when endangered by ice, certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.

CAUTION: Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

POTABLE WATER INTAKE: Vessels operating in fresh water lakes or rivers shall not discharge sewage, or ballast, or bilge water within such areas adjacent to domestic water intakes as are designated by the Commissioner of Food and Drugs (21 CFR 1259.93). Consult U.S. Coast Pilot 6 for important supplemental information.

SUPPLEMENTAL INFORMATION: Consult U.S. Coast Pilot 6 for important supplemental information.

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.

Sailing courses and limits indicated in magenta are recommended by the Lake Carriers Association and the Canadian Shipowners Association.

CAUTION: Due to periodic high water conditions in the Great Lakes, some features charted as visible at Low Water Datum may be submerged, particularly in the near shore areas. Mariners should proceed with caution.



THE NATIONAL CHARTMAKER SINCE 1807 UNITED STATES - GREAT LAKES LAKE ERIE - OHIO

LORAIN HARBOR

Polycyclic Projection Scale 1:10,000 North American Datum of 1983 (World Geodetic System 1984) SOUNDINGS IN FEET

Additional information can be obtained at nauticalcharts.noaa.gov.

NOTES: PLANE OF REFERENCE FOR THIS CHART (Low Water Datum) is 569.2 ft. Depths are referred to the sloping surface of the river when Lake Erie is at elevation 569.2 feet. Referenced to mean water level at Bemus, Quebec, International Great Lakes Datum (1985).

SAILING DIRECTIONS: Bearings of sailing courses are true and distances given thereon are in statute miles between points of departure.

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

SYMBOLS AND ABBREVIATIONS: For complete list of symbols and abbreviations see Chart No. 1.

BRIDGE AND OVERHEAD CABLE CLEARANCES: When the water surface is above Low Water Datum, bridge and overhead clearances are reduced correspondingly. For clearances see U.S. Coast Pilot 6.

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.

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TOWER

United States Steel Corp Lorain-Cuyahoga Works Lorain, Ohio

UNITED STATES COAST GUARD LIGHT LIST

UNITED STATES COAST GUARD LIGHT LIST