

THE NATION'S CHARTMAKER SINCE 1807
 UNITED STATES - GREAT LAKES
 MICHIGAN - WISCONSIN

MENOMINEE AND MARINETTE HARBORS

Polyconic Projection
 Scale 1:15,000
 North American Datum of 1983
 (World Geodetic System 1984)
 SOUNDINGS IN FEET
 Additional information can be obtained at nauticalcharts.noaa.gov.

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.

Green Bay, WI KIG-65 162.550 MHz (Chan WX-1)
 Sister Bay, WI WXN-69 162.425 MHz (Chan WX-07)

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.

CAUTION
 Mariners are warned that numerous uncharted stakes and fishing structures some submerged may exist in the area of this chart. Such structures are not charted unless known to be permanent.

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

NOTES
 PLANE OF REFERENCE OF THIS CHART (Low Water Datum)..... 577.5 ft. Referred to mean water level at Rimouski, 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.

NOTE A
 Navigation regulations are published in Chapter 2, U.S. Coast Pilot 6. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 9th Coast Guard District in Cleveland, Ohio or at the Office of the District Engineer, Corps of Engineers in Detroit, Michigan.
 Refer to charted regulation section numbers.

POLLUTION REPORTS
 Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

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

NOTE Z
NO-DISCHARGE ZONE, 40 CFR 140
 This chart falls entirely within the limits of a No-Discharge Zone (NDZ). Under the Clean Water Act, Section 312, all vessels operating within a No-Discharge Zone (NDZ) are completely prohibited from discharging any sewage, treated or untreated, into the waters. Commercial vessel sewage shall include graywater. All vessels with an installed marine sanitation device (MSD) that are navigating, moored, anchored, or docked within a NDZ must have the MSD disabled to prevent the overboard discharge of sewage (treated or untreated) or install a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA) web site: http://www.epa.gov/owow/oceans/regulatory/vessel_sewage/.

HORIZONTAL DATUM
 The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), and for charting purposes is considered equivalent to the World Geodetic System (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.034" southward and 0.385" westward to agree with this chart.

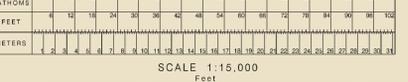
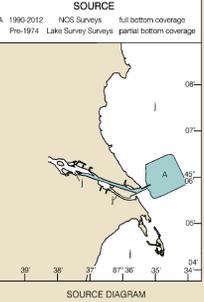
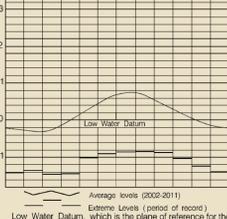
CAUTION
POTABLE WATER INTAKE
 Vessels operating in fresh water lakes or rivers shall not discharge sewage, or ballast, or bilge water within such areas adjacent to domestic water intakes as are designated by the Commissioner of Food and Drugs (21 CFR 1250.93). Consult U.S. Coast Pilot 6 for important supplemental information.

CAUTION
 Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notices to Mariners.
 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
 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. Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.
 Station positions are shown thus:
 (O) (Accurate location) (A) (Approximate location)

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.

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



SOUNDINGS IN FEET