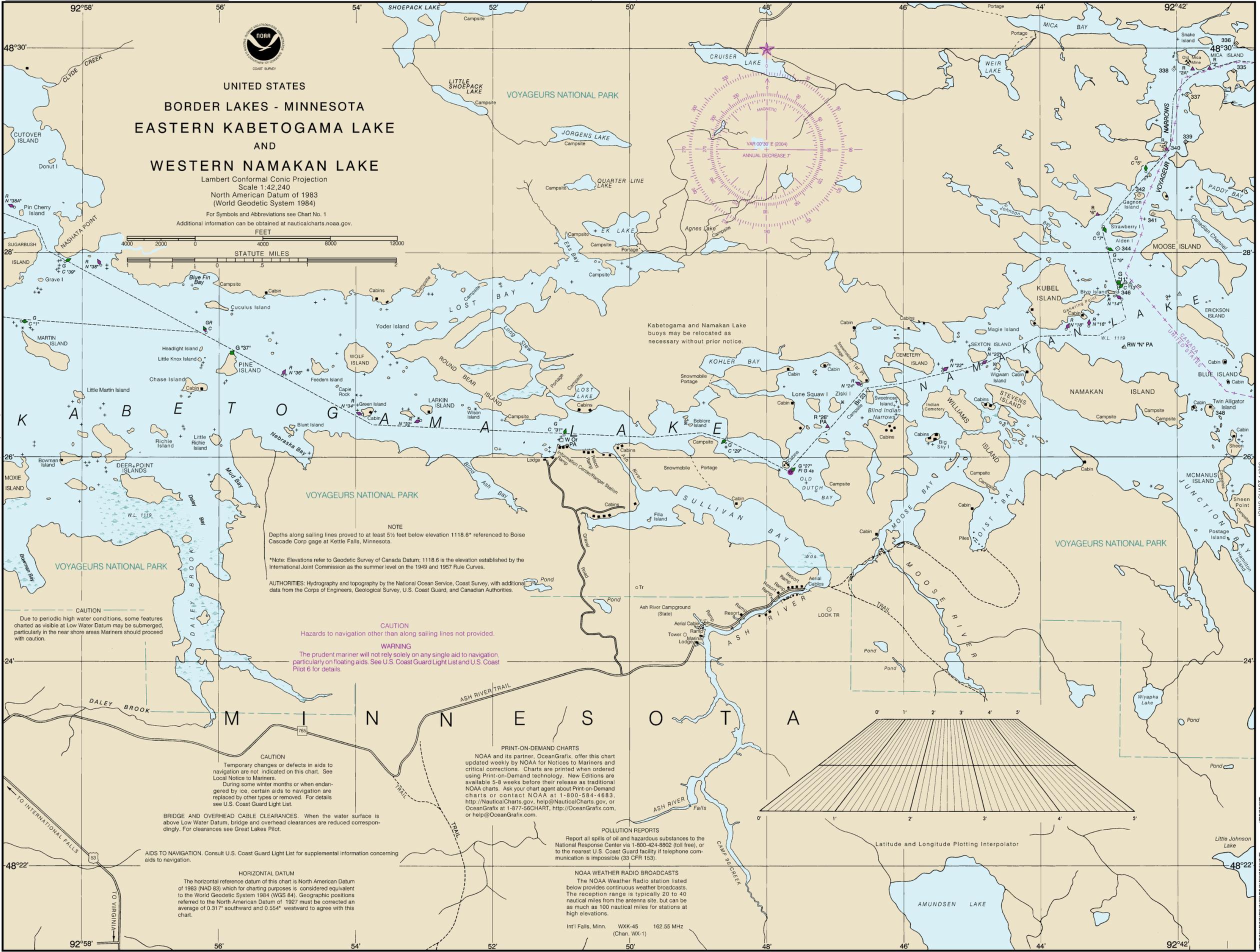


14994

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CSD), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

Formerly LS 820, 1st Ed., Apr. 1950 KAPP 1557

CONTINUED ON CHART 14996



UNITED STATES  
 BORDER LAKES - MINNESOTA  
 EASTERN KABETOGRAMA LAKE  
 AND  
 WESTERN NAMAKAN LAKE  
 Lambert Conformal Conic Projection  
 Scale 1:42,240  
 North American Datum of 1983  
 (World Geodetic System 1984)  
 For Symbols and Abbreviations see Chart No. 1  
 Additional information can be obtained at nauticalcharts.noaa.gov.



**NOTE**  
 Depths along sailing lines proved to at least 5½ feet below elevation 1118.6\* referenced to Boise Cascade Corp gage at Kettle Falls, Minnesota.  
 \*Note: Elevations refer to Geodetic Survey of Canada Datum; 1118.6 is the elevation established by the International Joint Commission as the summer level on the 1949 and 1957 Rule Curves.  
 AUTHORITIES: Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, U.S. Coast Guard, and Canadian Authorities.

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

**CAUTION**  
 Hazards to navigation other than along sailing lines not provided.

**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 6 for details.

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

**BRIDGE AND OVERHEAD CABLE CLEARANCES.** When the water surface is above Low Water Datum, bridge and overhead clearances are reduced correspondingly. For clearances see Great Lakes Pilot.

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

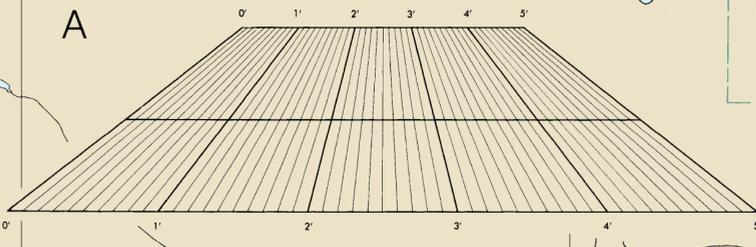
**HORIZONTAL DATUM**  
 The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83) which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.317" southward and 0.554" westward to agree with this chart.

**PRINT-ON-DEMAND CHARTS**  
 NOAA and its partner, OceanGrafix, offer this chart updated weekly by NOAA for Notices to Mariners and critical corrections. Charts are printed when ordered using Print-on-Demand technology. New Editions are available 5-8 weeks before their release as traditional NOAA charts. Ask your chart agent about Print-on-Demand charts or contact NOAA at 1-800-584-4683, <http://NauticalCharts.gov>, [help@NauticalCharts.gov](mailto:help@NauticalCharts.gov), or OceanGrafix at 1-877-56CHART, <http://OceanGrafix.com>, or [help@OceanGrafix.com](mailto:help@OceanGrafix.com).

**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).

**NOAA WEATHER RADIO BROADCASTS**  
 The NOAA Weather Radio station listed below provides 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.

Int'l Falls, Minn. WXX-45 162.55 MHz  
 (Chan. WX-1)



11th Ed., Mar./04 ■ Corrected through NM Mar. 13/04  
 Corrected through LNM Mar. 2/04

14994

**CAUTION**  
 This chart has been corrected from the Notice to Mariners issued periodically by the Ninth Coast Guard District and by the Canadian Ministry of Transport to the date shown in the lower left hand corner.

Published at Washington, D.C.  
 U.S. DEPARTMENT OF COMMERCE  
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
 NATIONAL OCEAN SERVICE  
 COAST SURVEY

Eastern Kabetogama and Western Namakan Lakes  
 SOUNDINGS IN FEET - SCALE 1:42,240

14994

This chart was distributed as a PDF (Portable Document Format). Printing PDFs may alter the chart scale, color, or legibility that may impact suitability for navigation. Printed charts provided by NOAA certified Print on Demand (POD) providers fulfill a vessel's requirement to carry a navigational chart "published by the National Ocean Service" in accordance with federal regulations, including but not limited to 33 C.F.R. 164.33(a), 33 C.F.R. 164.72(b), and 46 C.F.R. 28.225(a). POD charts meet stringent print standards and can be recognized by an official certification of authenticity printed on the chart. A list of POD providers can be found at: [nauticalcharts.noaa.gov/pod](http://nauticalcharts.noaa.gov/pod)

To ensure that this chart was printed at the proper scale, the line below should measure six inches (152 millimeters).  
 If the line does not measure six inches (152 millimeters), this copy is not certified safe for navigation.

JOINS CHART 14995 (formerly LS 822)

ED. NO. 11

NSN 7642014010731  
 NSA REFERENCE NO. 14XHA14994