

U.S. National Ice Center

PRESS RELEASE

FOR IMMEDIATE RELEASE

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Great Lakes Reaches Maximum Ice Coverage for 2022-2023 Season

03MAR2023, SUITLAND, MD — The U.S. National Ice Center (USNIC) has determined the Great Lakes experienced maximum ice coverage for the 2022-2023 ice season on February 04, 2023 at approximately 23.35% coverage. This maximum is significantly lower than the average maximum of 53%¹ and occurred approximately one month earlier than normal. Figure 1 (below) shows the USNIC daily ice analysis for February 04.

This winter was characterized by warmer than average temperatures with two brief cold air outbreaks, the first in late December and the second in early February. This second cold air outbreak led to the maximum ice coverage on 04 February.

USNIC daily analysis of ice coverage on the Great Lakes is completed in coordination with the Canadian Ice Service as part of the North American Ice Service. To access USNIC Great Lakes products, visit <http://usicecenter.gov/Products/GreatLakesHome>.

¹https://www.glerl.noaa.gov/data/ice/glicd/AMIC/Great_Lakes.png

U. S. NATIONAL ICE CENTER
 USCG DISTRICT 9 GREAT LAKES ICE
 ICE CONCENTRATION AND LEVEL ICE THICKNESS

ICE DATE: 04 FEB 2023
 MAP PRODUCED: 03 MAR 2023

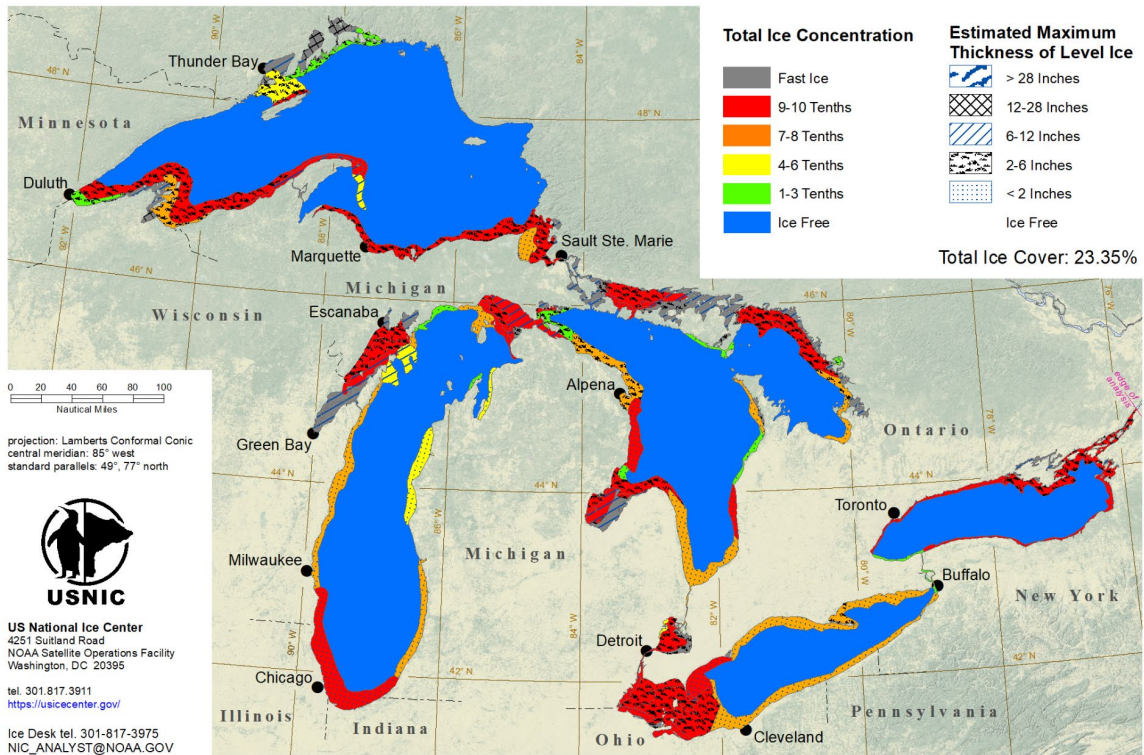


Figure 1: USNIC analysis of ice concentration and thickness on February 04, 2023.

USNIC is a multi-agency center—subordinate to Naval Meteorology and Oceanography Command—operated by the Navy, NOAA, and Coast Guard and provides global to tactical scale ice and snow products, ice forecasting, and related environmental intelligence services for the United States government.

Naval Meteorology and Oceanography Command directs and oversees more than 2,500 globally-distributed military and civilian personnel who collect, process and exploit environmental information to assist Fleet and Joint Commanders in all warfare areas to make better decisions faster than the adversary.

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