

ARMY CORPS OF ENGINEERS WEEKLY GREAT LAKES WATER LEVEL UPDATE

Jul 11, 2025

WEATHER CONDITIONS

Over the past week, the region experienced wide temperature swings, from a low of 48°F in northern Wisconsin on July 4, to highs over 90°F in southern Ontario. Scattered storms were frequent. Over the next seven days in the Great Lakes Basin, conditions will be warm and humid with the occasional scattered thunderstorm. Southern portions of the region, like Michigan and northern Ohio experienced highs around 88°F on Thursday with high humidity. From Friday to Sunday, heat will peak near 93°F around Detroit and western Lake Erie, with scattered thunderstorms—some severe—expected across Michigan, Ontario, and northern Indiana. From Monday to Wednesday, areas near Lakes Huron and Ontario will see slightly less humid but still hot conditions, with highs near 90°F.

LAKE LEVEL CONDITIONS

Forecasted July 11th water levels range from 1 to 3 inches above levels from a month ago, besides Lake Ontario, which is 2 inches below. Lakes Superior, Michigan-Huron, St. Clair, and Erie are below their water levels from a year ago at 6, 10, 10, and 7, inches, respectively. Lake Ontario's forecasted July 11th water level is 3 inches above last year's level. Lakes Superior and Michigan-Huron are both below their long-term monthly averages for July by 5 inches. Lakes St. Clair, Erie, and Ontario are 4, 5, and 2 inches, respectively, above their long-term average July levels. All lakes remain well below record high levels and well above record low levels for July. Lake Superior is expected to rise 1 inch in the next month, Lake Michigan-Huron is expected to remain near its current level, and Lakes St. Clair, Erie, and Ontario are expected to decline by 2, 3, and 3 inches, respectively, by August 11th, 2025.

FORECASTED MONTHLY OUTFLOWS/CHANNEL CONDITIONS

Lake Superior's outflow into the St. Marys River and Lake Michigan-Huron's outflow through the St. Clair River are expected to be below average for July. Lake St. Clair's outflow through the Detroit River, Lake Erie's outflow through the Niagara River, and Lake Ontario's outflow through the St. Lawrence River are projected to be above average for July.

ALERTS

Water levels shown are still-water surface elevations over the entire lake surface. Water levels at specific locations may differ due to meteorological influences. Official records are based on monthly average water levels and not daily water levels. Great Lakes, connecting channels, and St. Lawrence River users should keep informed of current conditions before undertaking any activities affected by changing water levels. Mariners should use navigation charts and refer to current water level readings. Find ice information at National Ice Center's [website](#).

	SUPERIOR	MICH-HURON	ST. CLAIR	ERIE	ONTARIO
Forecasted Water Level for Jul 11, 2025 (feet)	601.67	579.00	575.20	572.44	246.26
Chart Datum (feet)	601.10	577.50	572.30	569.20	243.30
Difference from chart datum (inches)	+7	+18	+35	+39	+36
Difference from average water level for Jun 11, 2025 (inches*)	+3	+3	+3	+1	-2
Difference from average water level for Jul 11, 2024 (inches*)	-6	-10	-10	-7	+3
Difference from long-term monthly average of Jul (inches)	-5	-5	+4	+5	+2
Difference from highest monthly average of record for Jul (inches)	-19	-38	-28	-26	-29
Year of highest recorded monthly mean	2019	2020	2019	2019	2019
Difference from lowest monthly average of record for Jul (inches)	+17	+28	+32	+41	+36
Year of lowest recorded monthly mean	1926	1964	1934	1934	1934
Projected net change in levels by Aug 11, 2025 (inches)	+1	0	-2	-3	-3

ALL DATA SHOWN IN THIS SUMMARY ARE REFERENCED TO IGLD 1985
*VALUES FOR SPECIFIC DAY ARE BASED ON 3-DAY DAILY AVERAGE AROUND SPECIFIED DATE
LONG TERM AVERAGE PERIOD OF RECORD, 1918-2024

FORECASTED INFORMATION PROVIDED BY
Department of the Army
Detroit District, Corps of Engineers
Detroit District Home
1-888-694-8313 ext. 1

RECORDED DATA (1918 – present)
provided by
[NOAA Center for Operational Oceanic Products](#)
and Services

FOR MORE INFORMATION VISIT
[Detroit District Great Lakes Homepage](#)
[International Joint Commission](#)
Great Lakes Information Network