

# ARMY CORPS OF ENGINEERS WEEKLY GREAT LAKES WATER LEVEL UPDATE

Jun 13, 2025

## WEATHER CONDITIONS

Temperatures this week across the Great Lakes basin will range from the upper 60s to mid-80s °F, with cooler days early on and warmer, more humid conditions building by midweek. Friday through Saturday will feature increased chances for showers and thunderstorms, particularly in southern portions of the Great Lakes basin, with breezy periods and occasional localized downpours. Sunday into Tuesday, drier weather returns briefly before another round of thunderstorms is likely by Wednesday, especially in southern Michigan and northern Ohio. Forecasts show seasonably warm and wet conditions, with midweek pulses of humidity followed by storm chances near Detroit, MI and Cleveland, OH could bring locally heavy rainfall or gusty winds.

## LAKE LEVEL CONDITIONS

The forecasted June 13th water levels are above levels from a month ago by 1 to 5 inches on all lakes, except Lake Erie, which remains near its level from mid-May. Lake Ontario is 6 inches above levels from a year ago, while the other lakes are below levels from last year by 4 to 9 inches, depending on the lake. Lakes Superior and Michigan-Huron are below their June long-term average levels by 6 inches, while Lakes St. Clair, Erie, and Ontario are 2 to 3 inches above their June average levels. All lakes are well above their record low June levels and well below their record high levels. By July 13th, Lakes St. Clair and Ontario are expected to decrease 1 inch, and Lake Erie is expected to decrease 2 inches. Lakes Superior and Michigan-Huron are expected to rise by 3 inches, and 1 inch, respectively, over the next month.

## FORECASTED MONTHLY OUTFLOWS/CHANNEL CONDITIONS

Lake Superior's outflow into the St. Marys River is expected to be below average for June. Lake Michigan-Huron's outflow through the St. Clair River, 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 June.

## 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 Jun 13, 2025 (feet)	601.41	578.77	574.97	572.34	246.39
Chart Datum (feet)	601.10	577.50	572.30	569.20	243.30
Difference from chart datum (inches)	+4	+15	+32	+38	+37
Difference from average water level for May 13, 2025 (inches*)	+2	+2	+1	0	+5
Difference from average water level for Jun 13, 2024 (inches*)	-4	-9	-8	-7	+6
Difference from long-term monthly average of Jun (inches)	-6	-6	+2	+3	+2
Difference from highest monthly average of record for Jun (inches)	-21	-41	-30	-27	-32
Year of highest recorded monthly mean	2019	2020	2020	2019	2019
Difference from lowest monthly average of record for Jun (inches)	+18	+26	+31	+39	+36
Year of lowest recorded monthly mean	1926	1964	1934	1934	1935
Projected net change in levels by Jul 13, 2025 (inches)	+3	+1	-1	-2	-1

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, 1918-2023

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