

# WEEKLY GREAT LAKES WATER LEVEL UPDATE

June 19, 2015

## WEATHER CONDITIONS

Significant precipitation fell over most of the Great Lakes basin this past week, with the Lake Superior basin being the only exception. Month to date, the Great Lakes basin as a whole has received above average precipitation. The Lake Superior basin has seen less than average precipitation while the Lake Ontario and Lake Erie basins are well above average so far this month. Sporadic rainfall is expected throughout the entire Great Lakes basin this weekend. Temperatures should remain pretty steady throughout the weekend with some fluctuations that correspond with rainfall.

## LAKE LEVEL CONDITIONS

Lakes Superior and Michigan-Huron are 0 and 13 inches, respectively, above their levels of a year ago. Lake St. Clair is 8 inches above its level a year ago, Lake Erie is 6 inches above its level a year ago, and Lake Ontario is 6 inches lower than what it was at this time last year. Over the next 30 days, Lakes Superior and Michigan-Huron are forecast to each rise 1 inch, while Lake St Clair is forecast to fall 1 inch. Lake Erie is forecast to drop 2 inches and Lake Ontario is projected to remain at its current level. See our [Daily Levels web page](#) for more water level information.

## FORECASTED MONTHLY OUTFLOWS/CHANNEL CONDITIONS

Lake Superior's outflow through the St. Mary's River is predicted to be above average for the month of June. Lake Michigan-Huron's outflow into the St. Clair River and Lake St. Clair's outflow into the Detroit River are forecasted to be above average in June. The June outflow of Lake Erie into the Niagara River is projected to be above average, but Lake Ontario's outflow into the St. Lawrence River is expected to be below average in June.

## ALERTS

Official records are based on monthly average water levels and not daily water levels. Users of the Great Lakes, connecting channels and St. Lawrence River should keep informed of current conditions before undertaking any activities that could be affected by changing water levels. Mariners should utilize navigation charts and refer to current water level readings. Ice information can be found at the National Ice Center's [website](#).

	SUPERIOR	MICH-HURON	ST. CLAIR	ERIE	ONTARIO
Forecasted Water Level for Jun 19, 2015 (feet)	602.43	579.76	575.59	572.7	246.23
Chart Datum (feet)	601.10	577.50	572.30	569.20	243.30
Difference from chart datum (inches)	+16	+27	+39	+42	+35
Difference from average water level for May 19, 2015 (inches*)	+3	+5	+9	+9	+9
Difference from average water level for Jun 19, 2014 (inches*)	0	+13	+8	+6	-6
Difference from long-term monthly average of Jun (inches)	+7	+7	+11	+9	0
Difference from highest monthly average of record for Jun (inches)	-6	-24	-19	-19	-28
Year of highest recorded monthly mean	1986	1986	1986	1986	1952
Difference from lowest monthly average of record for Jun (inches)	+30	+37	+39	+44	+34
Year of lowest recorded monthly mean	1926	1964	1934	1934	1935
Projected change in levels by Jul 19, 2015 (inches)	+1	+1	-1	-2	0

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, 1918-2014

FORECASTED INFORMATION PROVIDED BY Department of the Army Detroit District, Corps of Engineers <a href="#">Detroit District Home</a> 1-888-694-8318 ext. 1	RECORDED DATA (1918 – present) provided by <a href="#">NOAA, Great Lakes Online</a> (301) 713-9596	FOR MORE INFORMATION VISIT <a href="#">Detroit District Great Lakes Homepage</a> <a href="#">International Joint Commission</a> <a href="#">Great Lakes Information Network</a>
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