

US Army Corps
of Engineers
Detroit District



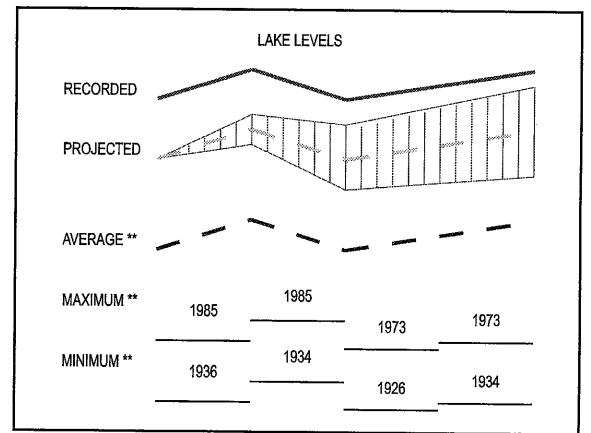
MONTHLY BULLETIN OF LAKE LEVELS FOR THE GREAT LAKES

SEPTEMBER 2022

Monthly mean water levels for the previous year and the current year to date are shown as a solid line on the hydrographs. A projection for the next six months is given as a dashed line. This projection is based on the present condition of the lake basin and anticipated future weather. The shaded area shows a range of possible levels over the next six months dependent upon weather variations. Current and projected levels (solid and dashed lines) can be compared with the 1918-2021 average levels (dotted line) and extreme levels (shown as bars with their year of occurrence). The legend below further identifies the information on the hydrographs.

ELEVATIONS REFERENCED TO THE CHART DATUM OF EACH RESPECTIVE LAKE

LEGEND



The levels on the hydrographs are shown in both feet and meters above (+) or below (-) Chart Datum. Chart Datum, also known as Low Water Datum, is a reference plane on each lake to which water depth and Federal navigation improvement depths on navigation charts are referred.

All elevations and plots are referenced to the International Great Lakes Datum 1985 (IGLD 1985). IGLD 1985 has its zero base at Rimouski, Quebec near the mouth of the St. Lawrence River (approximate sea level).

Visit our website for more information:
<https://www.lre.usace.army.mil/greatlakes>

AUGUST MEAN LAKE LEVELS

(IGLD 1985)

	Superior	Mich-Huron	St. Clair	Erie	Ontario	
* 2022	Ft.	602.53	580.02	575.79	572.67	245.21
	M.	183.65	176.79	175.50	174.55	74.74
2021	Ft.	602.17	580.77	576.48	573.46	245.57
	M.	183.54	177.02	175.71	174.79	74.85
** MAX.	Ft.	603.22	582.09	577.33	574.21	247.97
	M.	183.86	177.42	175.97	175.02	75.58
Yr.		2019	2020	2020	2019	1947
	Ft.	600.43	576.67	572.21	569.00	242.78
** MIN.	M.	183.01	175.77	174.41	173.43	74.00
	Yr.	2007	1964	1934	1934	1934
** AVG.	Ft.	602.17	579.33	574.74	571.78	245.73
	M.	183.54	176.58	175.18	174.28	74.90

* provisional
** Average, Maximum and Minimum for period 1918-2021