



**US Army Corps
of Engineers
Detroit District**



DETROIT DISTRICT
U.S. ARMY CORPS OF ENGINEERS
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JUNE 2020 GREAT LAKES WATER LEVEL SUMMARY

LAKE SUPERIOR

Lake Superior is still in its period of seasonal rise and rose about 2 inches from May to June. The June level of 602.69 feet was 10 inches above the lake's long term average (LTA) June level and 6 inches below its record high June mean level set last year. Net basin supply to Lake Superior was slightly below average during June despite precipitation slightly above average, but runoff was below average. Lake Superior is expected to reach its seasonal peak in August. The forecast projects Lake Superior to be 4 to 5 inches below its record high monthly mean levels set last year July through September, and 7 to 8 inches below record high levels October to December. Also, Lake Superior's water levels are forecast to be 7 to 9 inches above LTA levels through December.

LAKE MICHIGAN-HURON

Lake Michigan-Huron continued its seasonal rise and rose about 3 inches to a level of 582.19 feet, which was a new record high June mean level. The June level was 5 inches above its record high June level, which was set in 1986. This is now the 6th consecutive month Lake Michigan-Huron has set a record high monthly mean level. Also, the June 2020 level was 5 inches above its June 2019 level and 35 inches above its June LTA level. Water supply to the lake was just slightly above average in June as a result of near average precipitation and runoff. The recent forecast predicts water levels to be 1 to 2 inches above record high monthly mean levels in July and August, 2 inches below the record high in September, and 6 to 10 inches below record high levels October to December. Also, over the next 6 months, Lake Michigan-Huron is forecast to be 3 to 4 inches above last year's levels through September, but 2 to 6 inches below last year's levels October to December. Lastly, Lake Michigan-Huron levels are forecast to remain above LTA levels by 30 to 34 inches over the next 6 months.

LAKE ST. CLAIR

Lake St. Clair rose about 2 inches from May to June to a level of 577.49 feet, setting a new record high for the month of June. The June 2020 level surpassed its record high monthly mean level from last year by 1 inch and this is now the 4th consecutive month Lake St. Clair has set a new record high monthly mean level. The June level was also 33 inches above its monthly LTA level. Lake St. Clair likely reached its peak level in June and the lake is forecast to begin its seasonal decline. The lake is predicted to be 2 to 3 inches below record high levels set last year July through September, and 9 to 10 inches below record high levels October to December. From October to December, water levels are also forecast to be 3 to 4 inches below last year's levels. Over the next 6 months, the lake is also projected to be 26 to 30 inches above its LTA levels.

LAKE ERIE

Lake Erie rose less than an inch from its May level to its June level of 574.44 feet. The June 2020 level was 2 inches below the record high June level, set last year, and was 29 inches above its LTA June level. The net basin supply for the month was below average due to below average precipitation and runoff. The current forecast projects water levels on Lake Erie to be 2 to 4 inches below its record high levels from last year, July to September, and 9 to 12 inches below record high levels from October to December. From October to December, water levels are also forecast to be 2 to 4 inches below last year's levels. Also, over the next 6 months, Lake Erie is forecast to be 22 to 27 inches above LTA levels.

LAKE ONTARIO

Lake Ontario began its seasonal decline and fell 3 inches from May to June to a level of 247.01 feet. This June level was 24 inches below its June 2019 level, which was a record high, and 9 inches above the LTA June level. The June net basin supply was below average due to below average precipitation and runoff. Over the next 6 months, the lake is forecast to be 5 to 24 inches below last year's levels and 7 to 11 inches above LTA levels.