



US Army Corps
of Engineers
Detroit District



DETROIT DISTRICT
U.S. ARMY CORPS OF ENGINEERS
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JUNE 2021 GREAT LAKES WATER LEVEL SUMMARY

LAKE SUPERIOR

Lake Superior continued its seasonal rise from May to June, increasing about 2 inches to a level of 602.20 feet. The June mean level was 4 inches above its long-term average (LTA) level and 6 inches below its June 2020 mean level. Also, the June mean level was 11 inches below its record high June level from 2019. Precipitation was below average in June, and runoff was also likely below average contributing to the below average water supplies experienced during the month. The recent six-month forecast predicts Lake Superior to continue its seasonal rise, peaking in August. Over the next 6 months, water levels are forecast to remain 2 to 3 inches above LTA levels, but continue to be 7 to 8 inches below last year's levels. Additionally, Lake Superior's water level is predicted to be 10 to 14 inches below record high levels from July through December.

LAKE MICHIGAN-HURON

Lake Michigan-Huron's water level declined 1 inch from May to June to a level of 580.48 feet. The June mean level was 14 inches above the LTA level and 20 inches below its record high June level set in 2020. Although June was predominantly dry, significant rainfall at the end of the month occurred over the Michigan-Huron basin. This likely contributed to the total water supplies being below average, despite above average precipitation. The July monthly bulletin forecast predicts Lake Michigan-Huron will rise slightly from June to July before continuing its decline. Water levels are forecast to be 19 to 28 inches below record high levels from July to December. Also, Lake Michigan-Huron is forecast to remain 13 to 15 inches above LTA levels over the next 6 months.

LAKE ST. CLAIR

Lake St. Clair continued its seasonal rise from May to June, rising 2 inches to 576.18 feet. The June monthly mean level was 17 inches above its monthly LTA level and 16 inches below its record high level set in 2020. The recent 6-month forecast indicates the lake will begin its seasonal decline in July. Over the next 6 months, water levels are forecast to be 17 to 24 inches below record high levels and 15 to 17 inches below levels from last year. Also, the lake is forecast to be 13 to 15 inches above its LTA levels over the next 6 months.

LAKE ERIE

Lake Erie rose about 1 inch from May to June, to a level of 573.20 feet. The June monthly mean level was 14 inches above its LTA June level and 17 inches below the record high level from 2019. Water supplies were slightly above average in June, likely due to above average precipitation. The 6-month forecast projects Lake Erie to begin its seasonal decline in the coming month. Over the next 6 months, water levels are forecast to be 12 to 14 inches below last year's levels and 14 to 22 inches below record high levels. Additionally, water levels are forecast to remain 12 to 14 inches above LTA levels from July to December.

LAKE ONTARIO

Lake Ontario's June monthly mean level was near its May level, declining less than an inch to a level of 245.11 feet. The June monthly mean level was 14 inches below the June LTA level and 23 inches below last year's level. Lake Ontario received below average water supplies likely due to below average runoff and near average precipitation. The recent 6-month forecast predicts the lake will be 5 to 19 inches below last year's levels from July through December. Additionally, the lake is forecast to be 2 to 12 inches below LTA levels over the next 6 months.