



DETROIT DISTRICT
U.S. ARMY CORPS OF ENGINEERS
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JULY 2014 GREAT LAKES WATER LEVEL SUMMARY

LAKE SUPERIOR

Lake Superior's monthly mean level rose 2 inches in July to a level of 602.56 ft, its highest July water level since 1997. The monthly mean level was 11 inches above its level of a year ago, 18 inches above chart datum, and 6 inches above its long-term average (LTA). This is the fifth straight month that Lake Superior is higher than its LTA after a 15 consecutive year stretch of being below its LTA. The Lake Superior basin received near average precipitation in July, but has experienced slightly above average precipitation over the past 12 months. The Superior level is expected to be 7 to 18 inches above chart datum over the next 6 months. Also, the lake is predicted to be 4 to 9 inches above its level of a year ago into January, and be 3 to 6 inches above LTA over the next 6 months.

LAKE MICHIGAN-HURON

Lake Michigan-Huron continued its seasonal rise in July, as its mean water level of 578.94 feet was 3 inches higher than its mean level in June. The lake's level was 17 inches above chart datum, 15 inches above its level of a year ago, and 4 inches below its LTA. Lake Michigan-Huron reached its highest level in July since 1998. However, Lake Michigan-Huron continues a 15 consecutive year stretch of below average levels, the longest in its period of record. The Lake Michigan-Huron basin received precipitation in July that was 14% above average, and has experienced slightly above average precipitation over the past 12 months. Over the next six months, Lake Michigan-Huron is predicted to be 13 to 16 inches above last year's levels. The lake is forecasted to be 1 to 4 inches below LTA through October, and be nearly equal to its LTA from November to January 2015. In addition, the lake is predicted to be 10 to 18 inches above chart datum over the next 6 months.

LAKE ST. CLAIR

Lake St. Clair's mean water level climbed to a level of 575.00 in July, 2 inches higher than June's level. In addition, the lake's mean level was 6 inches above its level of a year ago and 3 inches above LTA in July. The lake is expected to be 7 to 11 inches above last year's levels over the next 6 months. In addition, Lake St. Clair is forecasted to be 2 to 5 inches above its LTA through January.

LAKE ERIE

The average water level for Lake Erie in July was 572.18 feet, the same as it was in June. The lake's July mean level was 2 inches above last year's level, and 4 inches above its LTA. In addition, Lake Erie experienced near average precipitation in July, and has seen near average precipitation during the past 12 months. The lake is predicted to be 2 to 4 above its level of a year ago from August to January. Also, Lake Erie is projected to be 3 to 4 inches above its LTA over the next 6 months.

LAKE ONTARIO

Lake Ontario's monthly mean water level fell 3 inches from June to July. The July mean level of 246.36 feet was 2 inches below its level of a year ago and 4 inches above its LTA. Also, the Lake Ontario basin experienced precipitation in July that was 40% above average. This is the fourth straight month that precipitation on the lake has been at least 25% above average. Lake Ontario is forecasted to be 2 to 5 inches below last year's level through January 2015. In addition, the lake is expected to be 4 inches above its LTA in August, near its LTA in September, and 1 to 3 inches below LTA from October to January.