



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

LAKE SUPERIOR

Lake Superior's monthly mean level climbed to 602.36 ft in June, its highest June water level since 1997. This monthly mean level was 5 inches higher than May's level. The June mean level was 13 inches above its level of a year ago, 15 inches above chart datum, and 6 inches above its long-term average (LTA). If the June monthly mean is not adjusted when final levels are coordinated, it would be the fourth 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 precipitation that was 33% above average in June, and has experienced above average precipitation over the past 12 months. The Superior level is expected to be 10 to 17 inches above chart datum over the next 6 months. Also, the lake is projected to be 4 to 11 inches above its level of a year ago into December. It is forecasted to be 3 to 6 inches above its LTA over the next 6 months.

LAKE MICHIGAN-HURON

Lake Michigan-Huron's mean water level in June of 578.67 feet was 4 inches higher than May's level. The June mean level was 14 inches above chart datum, 13 inches above its level of a year ago, and 6 inches below its LTA. Lake Michigan-Huron reached its highest level in June since 1998. However, Lake Michigan-Huron continued a 15 consecutive year stretch of below average levels in June, the longest in its period of record. The Lake Michigan-Huron basin received precipitation in June that was 29% above average, but has experienced near 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 December. In addition, the lake is predicted to be 11 to 18 inches above chart datum from July to December.

LAKE ST. CLAIR

Lake St. Clair's mean water level in May was 574.84 feet, 3 inches higher than May's level. Lake St. Clair mean level was 9 inches above its level of a year ago and 2 inches above LTA in June. The lake is expected to be 5 to 7 inches above last year's levels through December. In addition, Lake St. Clair is projected to be 1 to 2 inches below its LTA over the next 6 months.

LAKE ERIE

The average water level for Lake Erie was 572.18 feet in June, 2 inches higher than its May's level. The lake's June level was 7 inches above last year's level, and 3 inches above its LTA. In addition, Lake Erie experienced precipitation in June that was 9% above average. The lake is forecasted to be 1 to 4 above its level of a year ago from July to December. Lake Erie is predicted to remain 2 to 3 inches above its LTA over the next 6 months.

LAKE ONTARIO

The monthly mean water level of Lake Ontario rose an inch from May to June. The June mean level of 246.62 feet was 3 inches higher than last year's level and 5 inches above its LTA. Also, the Lake Ontario basin experienced precipitation in June that was 27% above average. This is the third straight month the lake has seen precipitation that was at least 25% above average. Moreover, Lake Ontario has experienced slightly average precipitation over the past 12 months. Lake Ontario is forecasted to be 3 to 5 inches below last year during the next 6 months. Lake Ontario's water level is expected to be 2 inches above its LTA in July, near its LTA in August, and 1 to 4 inches below LTA from September to December.