



DETROIT DISTRICT  
U.S. ARMY CORPS OF ENGINEERS  
CELRE-HH-W  
477 MICHIGAN AVENUE  
DETROIT, MICHIGAN 48226

## **NOVEMBER 2012 GREAT LAKES WATER LEVEL SUMMARY**

### **LAKE SUPERIOR**

The average water level of Lake Superior for the month of November was 600.8 feet, which was near October's level. The November level was 4 inches below chart datum, 14 inches below long-term average (LTA), and 2 inches below the level of one year ago. Precipitation on the Lake Superior basin was below average in November at 67% of average and 92% of average over the past 12 months. The water level of Lake Superior is forecasted to be 6 to 11 inches above record low water levels over the next six months and 6 to 12 inches below chart datum through May. The water levels will range 0 to 2 inches below levels of a year ago over the next six months and 12 to 13 inches below LTA through May.

### **LAKE MICHIGAN-HURON**

Lake Michigan-Huron's monthly mean level for November was 576.4 feet, which was 2 inches lower than October's level. The level for November was 13 inches below chart datum, 15 inches below its level of last year and 28 inches below its LTA. Precipitation on the Lake Michigan-Huron basin was below average in November at 32% of average and 87% of average over the past 12 months. The water level of Lake Michigan-Huron is forecasted to be near December's record low water level of 576.2 feet, set in 1964, and then set new record lows for the months of January through March. The water level is then forecasted to be an inch above the record low in April and then near the record low in May. Lake Michigan-Huron is forecasted to range from 13 to 18 inches below chart datum over the next six months. The water levels are expected to be 28 to 29 inches below LTA through April and range 15 to 17 inches below last year's levels over the next six months.

### **LAKE ST. CLAIR**

Lake St. Clair's monthly mean water level for November of 572.8 feet was 1 inch below October's level. During November, Lake St. Clair was 14 inches below last year's level and 12 inches below LTA. Lake St. Clair's water levels are projected to range 10 to 22 inches below last year's levels over the next six months and 6 to 9 inches below LTA through May.

### **LAKE ERIE**

Lake Erie's average water level was 570.4 feet in November, which was 1 inch above the level of October. November's water level was 14 inches below last year's level and 6 inches below LTA. The Lake Erie basin received below average precipitation in November at 30% of average and has received 91% of average precipitation over the last 12 months. Lake Erie is forecasted to be 7 to 24 inches below its levels of a year ago through May and 6 to 9 inches below LTA over the next six months.

### **LAKE ONTARIO**

The level of Lake Ontario for November was 2 inches below October's level with a mean of 243.7 feet. The November water level was 11 inches below last year's level and 10 inches below LTA. Lake Ontario received below average precipitation in November, with the total being 30% of average. During the last 12 months, precipitation over the basin has been 82% of average. The lake is forecasted to range 14 to 27 inches below its levels of a year ago through March, then 1 to 8 inches below the prior year's levels in April and May. Lake Ontario's water level is projected to be 5 to 11 inches below LTA over the next six months.