

## LRCA - Ontario Low Water Response Monthly Summary – August 2024

<b>Current Declared Low Water Condition</b>	<b>Date Declared</b>
<b>LRCA Area of Jurisdiction</b>	

### MNRF Low Water Level Indicators

Level I	Level II	Level III	
<b>Rain</b>	< 80% of the monthly average	< 60% of the monthly average	< 40% of the monthly average
<b>Streamflow</b>	Spring: Monthly flow < 100% of the lowest average summer month flow	Spring: Monthly flow < 70% of the lowest average summer month flow	Spring: Monthly flow < 50% of the lowest average summer month flow
	Other times: Monthly flow < 70% of the lowest average summer month flow	Other times: Monthly flow < 50% of the lowest average summer month flow	Other times: Monthly flow < 30% of the lowest average summer month flow

### Precipitation Summary – August 2024

One Month Summary August	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	62.4	86.8	72	<b>Level I</b>
3 Month Summary June, July, August	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	209.3	248.5	84	<b>No Condition</b>
18 Month Summary March 2023 to August 2024	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	925.6	1135.5	82	<b>No Condition</b>

*Note: Based on available gauge data at time of summary*

### Flow Summary – August 2024

Flow One Month Summary – Based on MNRF Lowest Average Summer Flow	Percentage of Actual Flow compared to Lowest Average Summer Flow for area gauged streams	OLWR Condition
	43	<b>Level II</b>
Flow One Month Summary – Based on Environment Canada Mean Monthly Discharge	Percentage of Actual Flow compared to Mean Monthly Flow for area gauged streams	OLWR Condition
	14	<b>N/A</b>

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### OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	September 4, 2024
Kashabowie Lake	yes	September 4, 2024
Dog Lake	yes	September 4, 2024
Kakabeka Falls	yes	September 4, 2024

### Lake Superior Summary – August 2024

	Metres
Latest Weekly Mean (02/09/2024)	183.46 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior <sup>1</sup>	-0.75 <sup>2</sup>
Compared to one year ago	-0.18

Source: <http://www.isdm-gdsi.gc.ca/isdm-gdsi/twl-mne/wb-bh-eng.asp>

Note: <sup>1</sup> Geodetic 100 Year Flood Level on Lake Superior in Thunder Bay is 183.90 masl.

<sup>2</sup> Fisheries and Oceans Canada data reported in International Great Lakes Datum (IGLD); 0.31 metres subtracted from IGLD data to hydraulically correct and convert to geodetic masl.