

## LRCA - Ontario Low Water Response Monthly Summary – August 2019

<b>Current Declared Low Water Condition</b> <b>LRCA Area of Jurisdiction</b>	<b>Date Declared</b>
None in effect	

### MNR 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 2019

One Month Summary August	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	70.9	86.8	82	<b>No Condition</b>
3 Month Summary June, July, August	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	212.7	248.5	86	<b>No Condition</b>
18 Month Summary March 2018 to August 2019	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	993.9	1135.5	88	<b>No Condition</b>

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

### Flow Summary – August 2019

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
	48	<b>No Condition</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
	13	<b>No Condition</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 , 2019
Kashabowie Lake	yes	September 4 , 2019
Dog Lake	yes	September 4 , 2019
Kakabeka Falls	yes	September 4 , 2019

### Lake Superior Summary – August 2019

	Metres
Latest Weekly Mean (02/09/2019)	183.82 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior <sup>1</sup>	-0.39 <sup>2</sup>
Compared to one year ago	+0.15

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.