

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

One Month Summary May	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	46.4	70.7	66	<b>Level I</b>
3 Month Summary March, April, May	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	141.5	164.9	86	<b>No Condition</b>
18 Month Summary December 2017 to May 2019	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	883.8	996.7	89	<b>No Condition</b>

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

### Flow Summary – May 2019

Flow One Month Summary – Based on MNR Lowest Average Summer Flow	Percentage of Actual Flow compared to Lowest Average Summer Flow for area gauged streams	OLWR Condition
	979	<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
	116	<b>No Condition</b>

---

### OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	June 7, 2019
Kashabowie Lake	yes	June 7, 2019
Dog Lake	yes	June 7, 2019
Kakabeka Falls	yes	June 7, 2019

### Lake Superior Summary – May 2019

	Metres
Latest Weekly Mean (03/06/2019)	183.81 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior <sup>1</sup>	-0.40 <sup>2</sup>
Compared to one year ago	+0.30

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.