



## LRCA - Ontario Low Water Response Monthly Summary – October 2021

<b>Current Declared Low Water Condition</b> <b>LRCA Area of Jurisdiction</b>	<b>Date Declared</b>
Level I	November 4, 2021

### 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 – October 2021

One Month Summary October	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	53.7	59.3	91	No Condition
3 Month Summary August, September, October	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	166.9	230.1	73	Level I
18 Month Summary May 2020 to October 2021	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	896.8	1184.6	76	Level I

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

### Flow Summary – October 2021

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
	116	No Condition
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
	42	N/A

### OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	November 3, 2021
Kashabowie Lake	yes	November 3, 2021
Dog Lake	yes	November 3, 2021
Kakabeka Falls	yes	November 3, 2021

### Lake Superior Summary – October 2021

	Metres
Latest Weekly Mean (01/11/2021)	183.41 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior <sup>1</sup>	-0.80 <sup>2</sup>
Compared to one year ago	-0.30

Source: <http://www.isdm-qdsi.gc.ca/isdm-qdsi/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.