

LRCA - Ontario Low Water Response Monthly Summary – August 2022

Current Declared Low Water Condition	Date Declared
LRCA Area of Jurisdiction	
None in effect	

MNR Low Water Level Indicators

Level I	Level II	Level III	
Rain	< 80% of the monthly average	< 60% of the monthly average	< 40% of the monthly average
Streamflow	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 2022

One Month Summary August	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	48.8	86.8	56	Level II
3 Month Summary June, July, August	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	169.8	248.5	68	Level I
18 Month Summary March 2021 to August 2022	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	1168.2	1135.5	103	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – August 2022

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
	71	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
	33	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	September 2, 2022
Kashabowie Lake	yes	September 2, 2022
Dog Lake	yes	September 2, 2022
Kakabeka Falls	yes	September 2, 2022

Lake Superior Summary – August 2022

	Metres
Latest Weekly Mean (29/08/2022)	183.63 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.58 ²
Compared to one year ago	+0.12

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

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

² 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.