

LRCA - Ontario Low Water Response Monthly Summary – December 2018

Current Declared Low Water Condition LRCA Area of Jurisdiction	Date Declared
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 – December 2018

One Month Summary December	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	43.3	42.2	103	No Condition
3 Month Summary October, November, December	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	208.4	157.2	133	No Condition
18 Month Summary July 2017 to December 2018	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	989.8	1128.5	88	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – December 2018

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
	213	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
	166	No Condition

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	December 21, 2018
Kashabowie Lake	yes	December 21, 2018
Dog Lake	yes	December 21, 2018
Kakabeka Falls	yes	December 21, 2018

Lake Superior Summary – December 2018

	Metres
Latest Weekly Mean (31/12/2018)	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	-0.03

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