

LRCA - Ontario Low Water Response Monthly Summary – December 2016

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 2016

One Month Summary	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
December	47.6	42.2	113	No Condition
3 Month Summary	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
October, November, December	77.9	52.4	149	No Condition
18 Month Summary	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
July 2015 to December 2016	1219.4	1128.5	108	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – December 2016

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
	793	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
	665	n/a

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	January 17, 2017
Kashabowie Lake	yes	January 17, 2017
Dog Lake	yes	January 17, 2017
Kakabeka Falls	yes	January 17, 2017

Lake Superior Summary – December 2016

	Metres
Latest Weekly Mean (16/01/2017)	183.45 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior	-0.76 ²
Compared to one year ago	-0.06

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

Note: ¹100 Year Flood Level on Lake Superior in Thunder Bay is 183.9 masl geodetic
²Fisheries 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