

LRCA - Ontario Low Water Response Monthly Summary – May 2016

Current Declared Low Water Condition LRCA Area of Jurisdiction	Date Declared
Level I Low Water Condition	May 13, 2016

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 – May 2016

One Month Summary	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
May	51.6	70.7	73	Level I
3 Month Summary March, April, May	104.2	164.9	63	Level I
18 Month Summary December 2014 to May 2016	18 Month Actual (mm) 912.9	18 Month Average (mm) 996.7	Percentage 92	OLWR Condition No Condition

Note: Based on available gauge data at time of summary

Flow Summary – May 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
	476	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
	56	n/a

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	June 2, 2016
Kashabowie Lake	yes	June 2, 2016
Dog Lake	no	June 2, 2016
Kakabeka Falls	yes	June 2, 2016

Lake Superior Summary – May 2016

	Metres
Latest Weekly Mean (30/05/2016)	183.51 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior	-0.70 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