

LRCA - Ontario Low Water Response Monthly Summary – January 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 – January 2016

One Month Summary	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
January	34.8	39.8	87	No Condition
3 Month Summary				OLWR Condition
November, December, January	171.8	137.7	125	No Condition
18 Month Summary	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
August 2014 to January 2016	933.72	1089.9	86	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – January 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
	255	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
	661	n/a

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	January 11, 2016
Kashabowie Lake	yes	January 11, 2016
Dog Lake	yes	January 11, 2016
Kakabeka Falls	yes	January 11, 2016

Lake Superior Summary – January 2016

	Metres
Monthly Mean Water Level	183.55 IGLD
Water level (monthly mean) compared to 100 year flood level on Lake Superior	-0.66 ²
Compared to one year ago	+0.01

Source: <http://tides-marees.gc.ca/C&A/back-arrieres-eng.html>

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

LRCA - Ontario Low Water Response Monthly Summary – February 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 – February 2016

One Month Summary	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
February	39.6	27.7	143	No Condition
3 Month Summary				OLWR Condition
December, January, February	154.4	109.7	141	No Condition
18 Month Summary	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
September 2014 to February 2016	905.7	1030.8	88	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – February 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
	147	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
	414	n/a

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	February 12, 2016
Kashabowie Lake	yes	February 12, 2016
Dog Lake	yes	February 12, 2016
Kakabeka Falls	yes	February 12, 2016

Lake Superior Summary – February 2016

	Metres
Monthly Mean Water Level	183.49 IGLD
Water level (monthly mean) compared to 100 year flood level on Lake Superior	-0.72 ²
Compared to one year ago	+0.02

Source: <http://tides-marees.gc.ca/C&A/back-arrieres-eng.html>

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

LRCA - Ontario Low Water Response Monthly Summary – March 2016

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 – March 2016

One Month Summary	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
March	34.6	42.2	82	No Condition
3 Month Summary				OLWR Condition
January, February, March	109.0	109.7	99	No Condition
18 Month Summary	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
October 2014 to March 2016	887.9	989	90	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – March 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
	358	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
	658	n/a

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	March 11, 2016
Kashabowie Lake	yes	March 11, 2016
Dog Lake	yes	March 11, 2016
Kakabeka Falls	yes	March 11, 2016

Lake Superior Summary – March 2016

	Metres
Latest Weekly Mean	183.46 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior	-0.75 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

LRCA - Ontario Low Water Response Monthly Summary – April 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 – April 2016

One Month Summary	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
April	19.8	42.2	47	Level II
3 Month Summary February, March, April	88	121.9	72	Level I
18 Month Summary November 2014 to April 2016	18 Month Actual (mm) 872	18 Month Average (mm) 981.7	Percentage 88.5	OLWR Condition No Condition

Note: Based on available gauge data at time of summary

Flow Summary – April 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
	1193	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
	138	n/a

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	April 29, 2016
Kashabowie Lake	yes	April 29, 2016
Dog Lake	yes	April 29, 2016
Kakabeka Falls	yes	April 29, 2016

Lake Superior Summary – April 2016

	Metres
Latest Weekly Mean (09/05/2016)	183.49 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior	-0.72 ²
Compared to one year ago	+0.00

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

Note: ¹ 100 Year Flood Level on Lake Superior in Thunder Bay is 183.9 masl geodetic
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

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

LRCA - Ontario Low Water Response Monthly Summary – June 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 – June 2016

One Month Summary	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
June	187.09	83.3	224.6	No Condition
3 Month Summary				OLWR Condition
April, May, June	258.5	206	125.5	No Condition
18 Month Summary	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
January 2015 to June 2016	1070.03	1037.8	103.1	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – June 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
	905	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
	258	n/a

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	July 3, 2016
Kashabowie Lake	yes	July 3, 2016
Dog Lake	yes	July 3, 2016
Kakabeka Falls	yes	July 3, 2016

Lake Superior Summary – June 2016

	Metres
Latest Weekly Mean (27/06/2016)	183.63 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior	-0.58 ²
Compared to one year ago	-0.02

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

LRCA - Ontario Low Water Response Monthly Summary – July 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 – July 2016

One Month Summary	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
July	68.9	78.4	87.9	No Condition
3 Month Summary				OLWR Condition
May, June, July	307.6	232.4	132.4	No Condition
18 Month Summary	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
February 2015 to July 2016	1070	1037.8	103.1	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – July 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
	393	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
	108	n/a

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	July 27, 2016
Kashabowie Lake	yes	July 27, 2016
Dog Lake	yes	July 27, 2016
Kakabeka Falls	yes	July 27, 2016

Lake Superior Summary – July 2016

	Metres
Latest Weekly Mean (27/06/2016)	183.69 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior	-0.52 ²
Compared to one year ago	+0.02

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



LRCA - Ontario Low Water Response Monthly Summary – August 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 – August 2016

One Month Summary	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
August	61.2	86.8	71	Level I
3 Month Summary	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
June, July, August	317.3	248.5	128	No Condition
18 Month Summary	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
March 2015 to August 2016	1156.2	1135.5	102	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – August 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
	67	Level I
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
	17	n/a

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	September 5, 2016
Kashabowie Lake	yes	September 5, 2016
Dog Lake	yes	September 5, 2016
Kakabeka Falls	yes	September 5, 2016

Lake Superior Summary – August 2016

	Metres
Latest Weekly Mean (05/09/2016)	183.67 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior	-0.54 ²
Compared to one year ago	-0.01

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

LRCA - Ontario Low Water Response Monthly Summary – September 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 – September 2016

One Month Summary	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
September	67.2	84	80	No Condition
3 Month Summary	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
July, August, September	198.2	317.3	62.5	Level I
18 Month Summary	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
April 2015 to September 2016	1201.7	1177.3	102	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – September 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
	50	Level II
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
	84	n/a

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	October 3, 2016
Kashabowie Lake	yes	October 3, 2016
Dog Lake	yes	October 3, 2016
Kakabeka Falls	yes	October 3, 2016

Lake Superior Summary – September 2016

	Metres
Latest Weekly Mean (03/10/2016)	183.71 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior	-0.50 ²
Compared to one year ago	+0.05

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

LRCA - Ontario Low Water Response Monthly Summary – October 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 – October 2016

One Month Summary	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
October	41	59.3	69	Level I
3 Month Summary	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
August, September, October	169.1	230.1	73	Level I
18 Month Summary	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
May 2015 to October 2016	1202	1187.6	101	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – October 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
	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 15, 2016
Kashabowie Lake	yes	November 15, 2016
Dog Lake	yes	November 15, 2016
Kakabeka Falls	yes	November 15, 2016

Lake Superior Summary – October 2016

	Metres
Latest Weekly Mean (07/11/2016)	183.61 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior	-0.60 ²
Compared to one year ago	+0.04

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



LRCA - Ontario Low Water Response Monthly Summary – November 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 – November 2016

One Month Summary	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
November	145.1	55.7	260	No Condition
3 Month Summary	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
September, October, November	253	199	127	No Condition
18 Month Summary	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
June 2015 to November 2016	1256	1169	107	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – November 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
	449	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
	241	n/a

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	December 9, 2016
Kashabowie Lake	yes	December 9, 2016
Dog Lake	yes	December 9, 2016
Kakabeka Falls	yes	December 9, 2016

Lake Superior Summary – November 2016

	Metres
Latest Weekly Mean (07/11/2016)	183.57 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior	-0.64 ²
Compared to one year ago	+0.00

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

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