

LRCA - Ontario Low Water Response Monthly Summary – January 2019

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 2019

One Month Summary January	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	38.1	39.8	96	No Condition
3 Month Summary November, December, January	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	138.2	137.7	100	No Condition
18 Month Summary August 2017 to January 2019	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	963.5	1089.9	88	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – January 2019

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
	232	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
	387	No Condition

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	February 4, 2018
Kashabowie Lake	yes	February 4, 2018
Dog Lake	yes	February 4, 2018
Kakabeka Falls	yes	February 4, 2018

Lake Superior Summary – January 2019

	Metres
Latest Weekly Mean (28/01/2019)	183.56 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.65 ²
Compared to one year ago	-0.05

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.

LRCA - Ontario Low Water Response Monthly Summary – February 2019

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 2019

One Month Summary February	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	41	27.7	148	No Condition
3 Month Summary December, January, February	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	122.4	109.7	112	No Condition
18 Month Summary August 2017 to February 2019	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	943.4	1030.8	92	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – February 2019

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
	140	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
	362	No Condition

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	March 4, 2018
Kashabowie Lake	yes	March 4, 2018
Dog Lake	yes	March 4, 2018
Kakabeka Falls	yes	March 4, 2018

Lake Superior Summary – February 2019

	Metres
Latest Weekly Mean (25/02/2019)	183.54 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.67 ²
Compared to one year ago	-0.02

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.

LRCA - Ontario Low Water Response Monthly Summary – March 2019

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 – March 2019

One Month Summary March	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	33.7	42.2	80	No Condition
3 Month Summary January, February, March	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	112.8	109.7	103	No Condition
18 Month Summary October 2017 to March 2019	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	878.4	989	89	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – March 2019

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
	478	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
	720	No Condition

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	April 1, 2019
Kashabowie Lake	yes	April 1, 2019
Dog Lake	yes	April 1, 2019
Kakabeka Falls	yes	April 1, 2019

Lake Superior Summary – March 2019

	Metres
Latest Weekly Mean (25/03/2019)	183.55 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.66 ²
Compared to one year ago	+0.05

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.

LRCA - Ontario Low Water Response Monthly Summary – April 2019

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 2019

One Month Summary April	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	61.3	52	118	No Condition
3 Month Summary February, March, April	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	136	121.9	112	No Condition
18 Month Summary November 2017 to April 2019	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	875.3	981.7	89	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – April 2019

Flow One Month Summary – Based on MNRFLowest Average Summer Flow	Percentage of Actual Flow compared to Lowest Average Summer Flow for area gauged streams	OLWR Condition
	1596	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
	187	No Condition

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	May 1, 2019
Kashabowie Lake	yes	May 1, 2019
Dog Lake	yes	May 1, 2019
Kakabeka Falls	yes	May 1, 2019

Lake Superior Summary – April 2019

	Metres
Latest Weekly Mean (29/04/2019)	183.65 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.56 ²
Compared to one year ago	+0.20

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.

LRCA - Ontario Low Water Response Monthly Summary – May 2019

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 – May 2019

One Month Summary May	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	46.4	70.7	66	Level I
3 Month Summary March, April, May	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	141.5	164.9	86	No Condition
18 Month Summary December 2017 to May 2019	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	883.8	996.7	89	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – May 2019

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
	979	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
	116	No Condition

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	June 7, 2019
Kashabowie Lake	yes	June 7, 2019
Dog Lake	yes	June 7, 2019
Kakabeka Falls	yes	June 7, 2019

Lake Superior Summary – May 2019

	Metres
Latest Weekly Mean (03/06/2019)	183.81 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.40 ²
Compared to one year ago	+0.30

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.

LRCA - Ontario Low Water Response Monthly Summary – June 2019

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
Streamflow	Spring: Monthly flow < 100% of the lowest average summer month flow	Spring: Monthly flow < 70% 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

Precipitation Summary – June 2019

One Month Summary June	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	73.2	83.3	88	No Condition
3 Month Summary April, May, June	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	180.8	206	88	No Condition
18 Month Summary January 2018 to June 2019	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	915.9	1037.8	88	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – June 2019

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
	521	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
	148	No Condition

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	July 5 , 2019
Kashabowie Lake	yes	July 5 , 2019
Dog Lake	yes	July 5 , 2019
Kakabeka Falls	yes	July 5 , 2019

Lake Superior Summary – June 2019

	Metres
Latest Weekly Mean (01/07/2019)	183.86 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.35 ²
Compared to one year ago	+0.26

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.

LRCA - Ontario Low Water Response Monthly Summary – July 2019

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
Streamflow	Spring: Monthly flow < 100% of the lowest average summer month flow	Spring: Monthly flow < 70% 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
		< 40% of the monthly average
		Spring: 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 2019

One Month Summary July	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	68.6	78.4	88	No Condition
3 Month Summary May, June, July	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	188.2	232.4	81	No Condition
18 Month Summary February 2018 to July 2019	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	957.5	1076.4	89	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – July 2019

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
	124	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
	31	No Condition

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	August 6 , 2019
Kashabowie Lake	yes	August 6 , 2019
Dog Lake	yes	August 6 , 2019
Kakabeka Falls	yes	August 6 , 2019

Lake Superior Summary – July 2019

	Metres
Latest Weekly Mean (05/08/2019)	183.85 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.36 ²
Compared to one year ago	+0.21

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.

LRCA - Ontario Low Water Response Monthly Summary – August 2019

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 2019

One Month Summary August	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	70.9	86.8	82	No Condition
3 Month Summary June, July, August	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	212.7	248.5	86	No Condition
18 Month Summary March 2018 to August 2019	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	993.9	1135.5	88	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – August 2019

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
	48	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
	13	No Condition

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	September 4 , 2019
Kashabowie Lake	yes	September 4 , 2019
Dog Lake	yes	September 4 , 2019
Kakabeka Falls	yes	September 4 , 2019

Lake Superior Summary – August 2019

	Metres
Latest Weekly Mean (02/09/2019)	183.82 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.39 ²
Compared to one year ago	+0.15

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.

LRCA - Ontario Low Water Response Monthly Summary – September 2019

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 2019

One Month Summary September	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	100.8	84	120	No Condition
3 Month Summary July, August, September	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	240.2	248.2	97	No Condition
18 Month Summary April 2018 to September 2019	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	1089.7	1177.3	93	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – September 2019

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
	112	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
	175	No Condition

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	October 3, 2019
Kashabowie Lake	yes	October 3, 2019
Dog Lake	yes	October 3, 2019
Kakabeka Falls	yes	October 3, 2019

Lake Superior Summary – September 2019

	Metres
Latest Weekly Mean (30/09/2019)	183.87IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.34 ²
Compared to one year ago	+0.18

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.

LRCA - Ontario Low Water Response Monthly Summary – October 2019

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 2019

One Month Summary October	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	96.9	59.3	163	No Condition
3 Month Summary August, September, October	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	268.5	230.1	117	No Condition
18 Month Summary May 2018 to October 2019	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	1177.6	1184.6	99	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – October 2019

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
	924	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
	328	No Condition

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	November 6, 2019
Kashabowie Lake	yes	November 6, 2019
Dog Lake	yes	November 6, 2019
Kakabeka Falls	yes	November 6, 2019

Lake Superior Summary – October 2019

	Metres
Latest Weekly Mean (04/11/2019)	183.84 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.37 ²
Compared to one year ago	+0.07

Source: <http://www.isdm-gdsi.qc.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.

LRCA - Ontario Low Water Response Monthly Summary – November 2019

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 2019

One Month Summary November	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	41.6	55.7	75	Level I
3 Month Summary September, October, November	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	239.2	199	120	No Condition
18 Month Summary June 2018 to November 2019	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	1179.1	1169.6	101	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – November 2019

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
	273	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
	100	No Condition

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	December 2, 2019
Kashabowie Lake	yes	December 2, 2019
Dog Lake	yes	December 2, 2019
Kakabeka Falls	yes	December 2, 2019

Lake Superior Summary – November 2019

	Metres
Latest Weekly Mean (02/12/2019)	183.76 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.45 ²
Compared to one year ago	+0.07

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.

LRCA - Ontario Low Water Response Monthly Summary – December 2019

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 2019

One Month Summary December	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	57.9	42.2	137	No Condition
3 Month Summary October, November, December	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	196.3	157.2	125	No Condition
18 Month Summary July 2018 to December 2019	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	1095.3	1050.1	104	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – December 2019

Flow One Month Summary – Based on MNRFLowest Average Summer Flow	Percentage of Actual Flow compared to Lowest Average Summer Flow for area gauged streams	OLWR Condition
	249	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
	336	No Condition

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	January 7, 2020
Kashabowie Lake	yes	January 7, 2020
Dog Lake	yes	January 7, 2020
Kakabeka Falls	yes	January 7, 2020

Lake Superior Summary – December 2019

	Metres
Latest Weekly Mean (06/01/2020)	183.72 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.49 ²
Compared to one year ago	+0.08

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.