

LRCA - Ontario Low Water Response Monthly Summary – January 2023

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 2023

One Month Summary January	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	13.1	39.8	33	Level III
3 Month Summary November, December, January	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	157.8	137.7	115	No Condition
18 Month Summary August 2020 to January 2023	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	1195.3	1089.9	110	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – January 2023

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
	209	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
	911	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	February 2, 2023
Kashabowie Lake	yes	February 2, 2023
Dog Lake	yes	February 2, 2023
Kakabeka Falls	yes	February 2, 2023

Lake Superior Summary – January 2023

	Metres
Latest Weekly Mean (30/01/2023)	183.47 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.74 ²
Compared to one year ago	+0.30

Source: <http://www.isdm-qdsi.gc.ca/isdm-qdsi/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 2023

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 2023

One Month Summary February	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	33.1	27.7	119	No Condition
3 Month Summary December, January, February	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	122.6	109.7	112	No Condition
18 Month Summary September 2020 to February 2023	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	1185.8	1030.8	115	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – February 2023

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
	328	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
	1942	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	March 6, 2023
Kashabowie Lake	yes	March 6, 2023
Dog Lake	yes	March 6, 2023
Kakabeka Falls	yes	March 6, 2023

Lake Superior Summary – February 2023

	Metres
Latest Weekly Mean (27/02/2023)	183.42 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.79 ²
Compared to one year ago	+0.29

Source: <http://www.isdm-qdsi.gc.ca/isdm-qdsi/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 2023

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 2023

One Month Summary March	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	44.5	42.2	105	No Condition
3 Month Summary January, February, March	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	90.7	109.7	83	No Condition
18 Month Summary October 2020 to March 2023	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	1159.7	989	117	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – March 2023

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
	164	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
	408	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	April 4, 2023
Kashabowie Lake	yes	April 4, 2023
Dog Lake	yes	April 4, 2023
Kakabeka Falls	yes	April 4, 2023

Lake Superior Summary – March 2023

	Metres
Latest Weekly Mean (03/04/2023)	183.39 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.82 ²
Compared to one year ago	+0.25

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 2023

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 2023

One Month Summary April	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	96.2	52.0	185	No Condition
3 Month Summary February, March, April	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	173.7	121.9	143	No Condition
18 Month Summary November 2020 to April 2023	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	1202.2	981.7	122	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – April 2023

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
	1396	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
	209	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	May 8, 2023
Kashabowie Lake	yes	May 8, 2023
Dog Lake	yes	May 8, 2023
Kakabeka Falls	yes	May 8, 2023

Lake Superior Summary – April 2023

	Metres
Latest Weekly Mean (01/05/2023)	183.52 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.69 ²
Compared to one year ago	+0.21

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

Note: ¹ Geodetic 100 Year Flood Level on Lake Superior in Thunder Bay is 183.90 masl.

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LRCA - Ontario Low Water Response Monthly Summary – May 2023

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 – May 2023

One Month Summary May	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	42.3	70.7	60	Level I
3 Month Summary March, April, May	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	182.9	164.9	111	No Condition
18 Month Summary December 2020 to May 2023	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	1185.9	996.7	119	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – May 2023

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
	1861	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
	275	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	June 6, 2023
Kashabowie Lake	yes	June 6, 2023
Dog Lake	yes	June 6, 2023
Kakabeka Falls	yes	June 6, 2023

Lake Superior Summary – May 2023

	Metres
Latest Weekly Mean (05/06/2023)	183.67 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.54 ²
Compared to one year ago	+0.12

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 2023

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 – June 2023

One Month Summary June	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	51.8	83.3	62	Level I
3 Month Summary April, May, June	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	63.4	68.7	92	No Condition
18 Month Summary January 2021 to June 2023	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	1167.9	1037.8	113	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – June 2023

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
	146	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
	49	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	July 10, 2023
Kashabowie Lake	yes	July 10, 2023
Dog Lake	yes	July 10, 2023
Kakabeka Falls	yes	July 10, 2023

Lake Superior Summary – June 2023

	Metres
Latest Weekly Mean (03/07/2023)	183.68 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.53 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.

LRCA - Ontario Low Water Response Monthly Summary – July 2023

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 – July 2023

One Month Summary	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
July	50.2	78.4	64	Level I
3 Month Summary	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
May, June, July	144.3	232.4	62	Level I
18 Month Summary	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
February 2022 to July 2023	1184.4	1076.4	110	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – July 2023

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
	60	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
	26	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	August 2, 2023
Kashabowie Lake	yes	August 2, 2023
Dog Lake	yes	August 2, 2023
Kakabeka Falls	yes	August 2, 2023

Lake Superior Summary – July 2023

	Metres
Latest Weekly Mean (31/07/2023)	183.66 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.55 ²
Compared to one year ago	+0.04

Source: <http://www.isdm-qdsi.gc.ca/isdm-qdsi/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 2023

Current Declared Low Water Condition LRCA Area of Jurisdiction	Date Declared
Level I	August 3, 2023

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 2023

One Month Summary August	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	62.3	86.8	72	Level I
3 Month Summary June, July, August	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	164.3	248.5	66	Level I
18 Month Summary March 2022 to August 2023	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	1181.6	1135.5	104	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – August 2023

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
	47	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
	19	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	September 6, 2023
Kashabowie Lake	yes	September 6, 2023
Dog Lake	yes	September 6, 2023
Kakabeka Falls	yes	September 6, 2023

Lake Superior Summary – August 2023

	Metres
Latest Weekly Mean (04/09/2023)	183.64 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.57 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.

LRCA - Ontario Low Water Response Monthly Summary – September 2023

Current Declared Low Water Condition LRCA Area of Jurisdiction	Date Declared
Level I	August 3, 2023

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 2023

One Month Summary September	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	45.1	84	54	Level II
3 Month Summary July, August, September	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	157.6	249.2	63	Level I
18 Month Summary April 2022 to September 2023	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	1149.8	1177.3	98	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – September 2023

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
	45	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
	28	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	October 6, 2023
Kashabowie Lake	no	October 6, 2023
Dog Lake	yes	October 6, 2023
Kakabeka Falls	yes	October 6, 2023

Lake Superior Summary – September 2023

	Metres
Latest Weekly Mean (02/10/2023)	183.60 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.61 ²
Compared to one year ago	-0.03

Source: <http://www.isdm-qdsi.gc.ca/isdm-qdsi/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 2023

Current Declared Low Water Condition LRCA Area of Jurisdiction	Date Declared
Level I	August 3, 2023

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 2023

One Month Summary October	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	31.0	59.3	52	Level I
3 Month Summary August, September, October	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	138.4	230.1	60	Level I
18 Month Summary May 2022 to October 2023	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	1027.1	1184.6	87	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – October 2023

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
	56	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
	20	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	November 6, 2023
Kashabowie Lake	no	November 6, 2023
Dog Lake	yes	November 6, 2023
Kakabeka Falls	yes	November 6, 2023

Lake Superior Summary – October 2023

	Metres
Latest Weekly Mean (30/10/2023)	183.48 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.73 ²
Compared to one year ago	-0.09

Source: <http://www.isdm-qdsi.gc.ca/isdm-qdsi/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 2023

Current Declared Low Water Condition LRCA Area of Jurisdiction	Date Declared
Level I	August 3, 2023

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 2023

One Month Summary	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
November	34	55.7	61	Level I
3 Month Summary	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
September, October, November	110.1	199	55	Level II
18 Month Summary	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
June 2022 to November 2023	953.6	1169.5	82	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – November 2023

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
	126	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
	68	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	December 5, 2023
Kashabowie Lake	yes	December 5, 2023
Dog Lake	yes	December 5, 2023
Kakabeka Falls	yes	December 5, 2023

Lake Superior Summary – November 2023

	Metres
Latest Weekly Mean (04/12/2023)	183.38 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.83 ²
Compared to one year ago	-0.17

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 2023

Current Declared Low Water Condition LRCA Area of Jurisdiction	Date Declared
Level II	January 3, 2024

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 2023

One Month Summary December	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	24	42.2	57	Level II
3 Month Summary October, November, December	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	89	157.2	57	Level II
18 Month Summary July 2022 to December 2023	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	931.6	1128.5	83	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – December 2023

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
	87	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
	134	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	January 3, 2024
Kashabowie Lake	yes	January 3, 2024
Dog Lake	yes	January 3, 2024
Kakabeka Falls	yes	January 3, 2024

Lake Superior Summary – December 2023

	Metres
Latest Weekly Mean (01/01/2024)	183.34 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.87 ²
Compared to one year ago	-0.20

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