

LRCA - Ontario Low Water Response Monthly Summary – January 2022

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 – January 2022

One Month Summary	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
January	33.7	39.8	85	No Condition
3 Month Summary	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
November, December, January	162.1	137.7	118	No Condition
18 Month Summary	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
August 2020 to January 2022	909.3	1089.9	83	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – January 2022

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
	150	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	February 2, 2022
Kashabowie Lake	yes	February 2, 2022
Dog Lake	yes	February 2, 2022
Kakabeka Falls	yes	February 2, 2022

Lake Superior Summary – January 2022

	Metres
Latest Weekly Mean (31/01/2022)	183.25 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.92 ²
Compared to one year ago	-0.31

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 2022

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 2022

One Month Summary February	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	65.0	27.7	235	No Condition
3 Month Summary December, January, February	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	168.4	109.7	154	No Condition
18 Month Summary September 2020 to February 2022	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	881.1	1030.8	85	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – February 2022

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
	144	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
	382	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	March 4, 2022
Kashabowie Lake	yes	March 4, 2022
Dog Lake	yes	March 4, 2022
Kakabeka Falls	yes	March 4, 2022

Lake Superior Summary – February 2022

	Metres
Latest Weekly Mean (28/02/2022)	183.13 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-1.08 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 2022

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 2022

One Month Summary March	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	76.9	42.2	182	No Condition
3 Month Summary January, February, March	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	175.6	109.7	160	No Condition
18 Month Summary October 2020 to March 2022	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	900.4	989	91	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – March 2022

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
	227	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
	381	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	April 1, 2022
Kashabowie Lake	yes	April 1, 2022
Dog Lake	yes	April 1, 2022
Kakabeka Falls	yes	April 1, 2022

Lake Superior Summary – March 2022

	Metres
Latest Weekly Mean (28/03/2022)	183.12 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-1.09 ²
Compared to one year ago	-0.29

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 2022

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 2022

One Month Summary April	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	153.8	58	265	No Condition
3 Month Summary February, March, April	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	295.7	121.9	242.6	No Condition
18 Month Summary November 2020 to April 2022	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	977.3	981.7	98	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – April 2022

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
	1393	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
	221	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	May 11, 2022
Kashabowie Lake	yes	May 11, 2022
Dog Lake	yes	May 11, 2022
Kakabeka Falls	yes	May 11, 2022

Lake Superior Summary – April 2022

	Metres
Latest Weekly Mean (09/05/2022)	183.36 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.85 ²
Compared to one year ago	-0.13

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 – May 2022

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 2022

One Month Summary May	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	107.4	70.7	152	No Condition
3 Month Summary March, April, May	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	338.1	164.9	205	No Condition
18 Month Summary December 2020 to May 2022	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	1062.6	996.7	107	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – May 2022

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
	3494	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
	453	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	May 31, 2022
Kashabowie Lake	yes	May 31, 2022
Dog Lake	yes	May 31, 2022
Kakabeka Falls	yes	May 31, 2022

Lake Superior Summary – May 2022

	Metres
Latest Weekly Mean (30/05/2022)	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	-0.00

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 – June 2022

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 2022

One Month Summary June	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	44.7	83.3	54	Level II
3 Month Summary April, May, June	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	305.9	206	148	No Condition
18 Month Summary January 2021 to June 2022	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	1065.1	1037.8	103	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – June 2022

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
	497	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
	149	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	July 11, 2022
Kashabowie Lake	yes	July 11, 2022
Dog Lake	yes	July 11, 2022
Kakabeka Falls	yes	July 11, 2022

Lake Superior Summary – June 2022

	Metres
Latest Weekly Mean (04/07/2022)	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 – July 2022

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 2022

One Month Summary July	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	75.1	78.4	96	No Condition
3 Month Summary May, June, July	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	227.2	232.4	98	No Condition
18 Month Summary February 2021 to July 2022	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	1134.3	1076.4	105	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – July 2022

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
	96	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
	28	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	August 3, 2022
Kashabowie Lake	yes	August 3, 2022
Dog Lake	yes	August 3, 2022
Kakabeka Falls	yes	August 3, 2022

Lake Superior Summary – July 2022

	Metres
Latest Weekly Mean (01/08/2022)	183.62 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.59 ²
Compared to one year ago	+0.07

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 2022

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 – August 2022

One Month Summary August	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	48.8	86.8	56	Level II
3 Month Summary June, July, August	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	169.8	248.5	68	Level I
18 Month Summary March 2021 to August 2022	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	1168.2	1135.5	103	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – August 2022

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
	71	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
	33	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	September 2, 2022
Kashabowie Lake	yes	September 2, 2022
Dog Lake	yes	September 2, 2022
Kakabeka Falls	yes	September 2, 2022

Lake Superior Summary – August 2022

	Metres
Latest Weekly Mean (29/08/2022)	183.63 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.58 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 – September 2022

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 2022

One Month Summary September	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	104	84	124	No Condition
3 Month Summary July, August, September	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	227.9	249.2	91	No Condition
18 Month Summary April 2021 to September 2022	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	1245.4	1177.3	106	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – September 2022

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
	176	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
	113	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	October 4, 2022
Kashabowie Lake	yes	October 4, 2022
Dog Lake	yes	October 4, 2022
Kakabeka Falls	yes	October 4, 2022

Lake Superior Summary – September 2022

	Metres
Latest Weekly Mean (03/10/2022)	183.63 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.58 ²
Compared to one year ago	+0.15

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 2022

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 2022

One Month Summary October	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	31.7	59.3	53	Level II
3 Month Summary August, September, October	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	184.5	230.1	80	No Condition
18 Month Summary May 2021 to October 2022	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	1194.2	1184.6	101	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – October 2022

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
	110	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
	40	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	November 2, 2022
Kashabowie Lake	yes	November 2, 2022
Dog Lake	yes	November 2, 2022
Kakabeka Falls	yes	November 2, 2022

Lake Superior Summary – October 2022

	Metres
Latest Weekly Mean (31/10/2022)	183.57 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.64 ²
Compared to one year ago	+0.16

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 – November 2022

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 2022

One Month Summary November	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	68.2	55.7	122	No Condition
3 Month Summary September, October, November	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	204	199	103	No Condition
18 Month Summary June 2021 to November 2022	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	1204.7	1128.5	103	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – November 2022

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
	222	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
	131	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	December 6, 2022
Kashabowie Lake	yes	December 6, 2022
Dog Lake	yes	December 6, 2022
Kakabeka Falls	yes	December 6, 2022

Lake Superior Summary – November 2022

	Metres
Latest Weekly Mean (05/12/2022)	183.57 IGLD
Water level (weekly mean) compared to 100 year flood level on Lake Superior ¹	-0.66 ²
Compared to one year ago	+0.27

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 – December 2022

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 – December 2022

One Month Summary December	One Month Actual (mm)	Monthly Average (mm)	Percentage	OLWR Condition
	76.4	42.2	181	No Condition
3 Month Summary October, November, December	Three Month Actual (mm)	Three Month Average (mm)	Percentage	OLWR Condition
	176.4	157.2	112	No Condition
18 Month Summary July 2021 to December 2022	18 Month Actual (mm)	18 Month Average (mm)	Percentage	OLWR Condition
	1202.2	1128.5	107	No Condition

Note: Based on available gauge data at time of summary

Flow Summary – December 2022

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
	275	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
	338	N/A

OPG Kaministiquia River Summary

Kam River Structure	In compliance with Water Management Plan	Status as of
Shebandowan Lake	yes	January 11, 2023
Kashabowie Lake	yes	January 11, 2023
Dog Lake	yes	January 11, 2023
Kakabeka Falls	yes	January 11, 2023

Lake Superior Summary – December 2022

	Metres
Latest Weekly Mean (02/01/2023)	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	+0.29

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.