

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-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.