

LRCA - Ontario Low Water Response Monthly Summary – March 2020

| | |
|---|----------------------|
| 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 2020

| One Month Summary March | One Month Actual (mm) | Monthly Average (mm) | Percentage | OLWR Condition |
|--|-------------------------|--------------------------|------------|---------------------|
| | 25.7 | 42.2 | 61 | Level I |
| 3 Month Summary January, February, March | Three Month Actual (mm) | Three Month Average (mm) | Percentage | OLWR Condition |
| | 76 | 109.7 | 69 | Level I |
| 18 Month Summary October 2018 to March 2020 | 18 Month Actual (mm) | 18 Month Average (mm) | Percentage | OLWR Condition |
| | 1014.4 | 989 | 103 | No Condition |

Note: Based on available gauge data at time of summary

Flow Summary – March 2020

| 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 |
|---|--|---------------------|
| | 178 | 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 |
| | 314 | No Condition |

OPG Kaministiquia River Summary

| Kam River Structure | In compliance with Water Management Plan | Status as of |
|---------------------|--|---------------|
| Shebandowan Lake | yes | April 1, 2020 |
| Kashabowie Lake | yes | April 1, 2020 |
| Dog Lake | yes | April 1, 2020 |
| Kakabeka Falls | yes | April 1, 2020 |

Lake Superior Summary – March 2020

| | Metres |
|--|--------------------|
| Latest Weekly Mean (30/03/2020) | 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 | +0.00 |

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.