

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.