

Lake Simcoe Shoreline Flooding Update

Lake Simcoe Region Conservation Authority Board of Directors

April 17, 2026

Kenneth Cheney, Director Flood Management



Lake Simcoe Region
conservation authority



Current Status: Lake Simcoe Water Levels

- The water level in Lake Simcoe is high.
- Currently (April 16th), the level is at 219.35 m (30 cm above average, Maximum recorded level for April 16th is 219.26 m).
- The lake level continues to rise in response to rain.
- Recorded rainfall between April 10th and 15th:
 - 89 mm at Barrie-Oro Environment Canada Station.
 - 51 mm at King City North Environment Canada Station.
- We have also had significant amounts of snow this year which have contributed to flow in the system.

Flood Operations

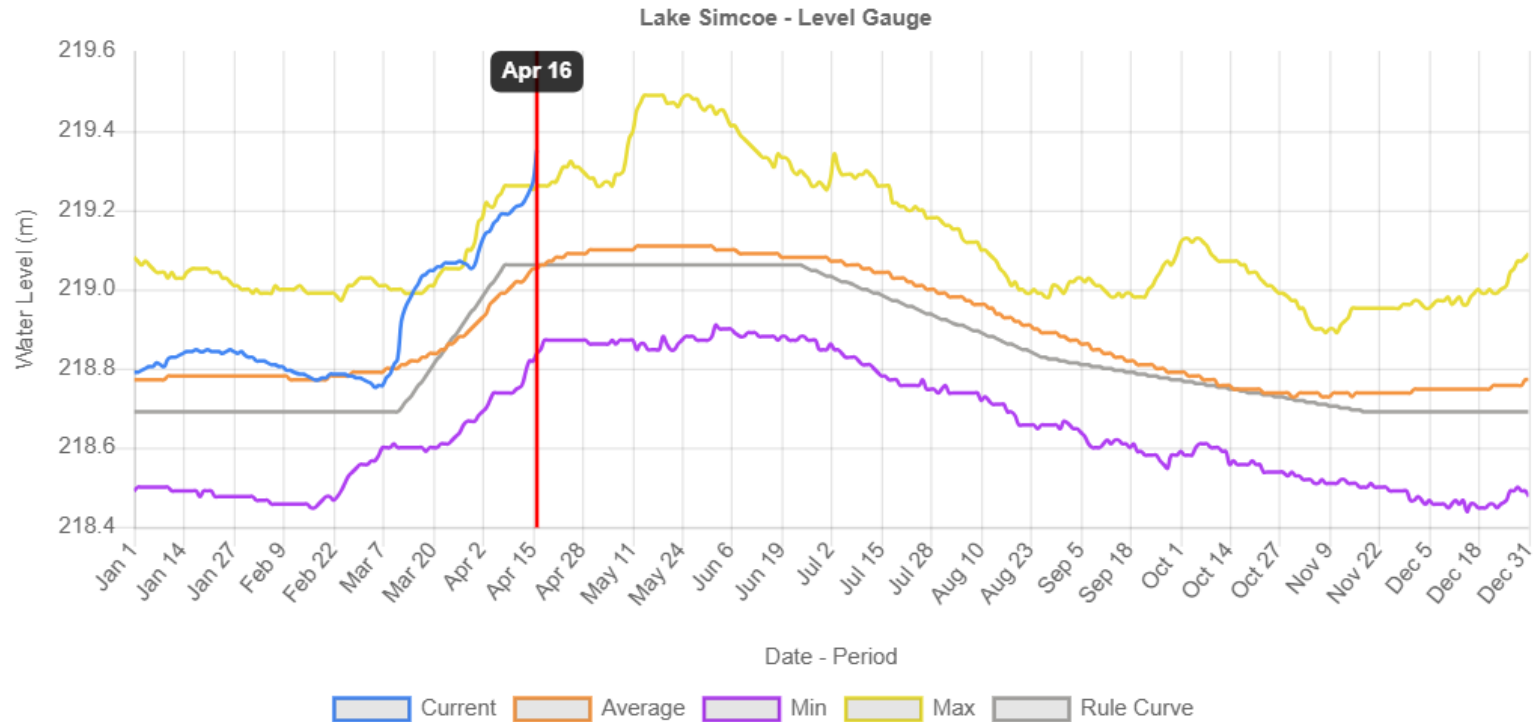
- The Conservation Authority has issued multiple flood messages, including the current Shoreline Hazard Watch: High Risk.
- The Conservation Authority's role is to provide information.
- In contact with Municipal Partners, Parks Canada and Stakeholders through meetings to provide regular updates.
- Municipalities declare emergencies; the Conservation Authority does not.
- Municipalities provide the on-the-ground response to flooding.
- The Conservation Authority will continue to provide information to support municipal emergency management staff.

Lake Simcoe Water Levels Graph

Lake Simcoe

Graph

Table

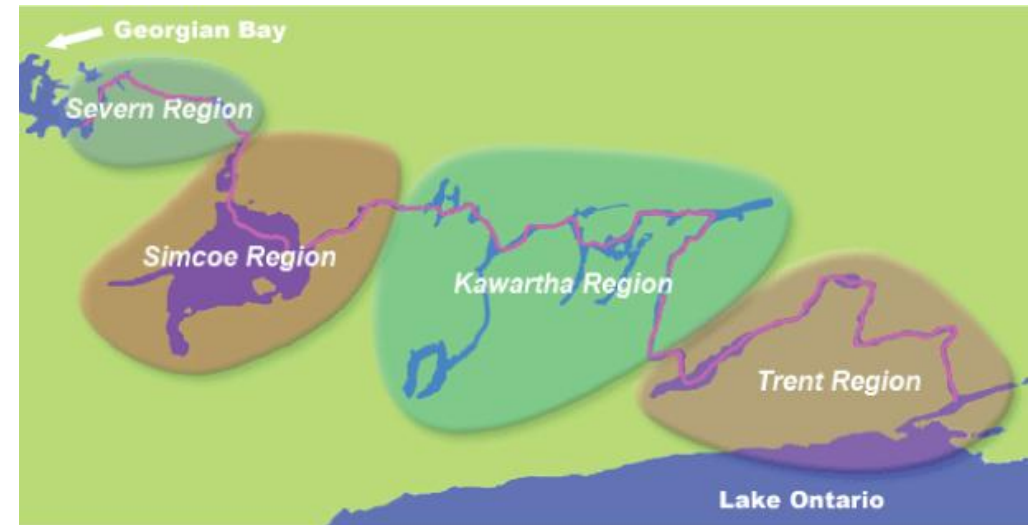


Last Updated: Apr 16, 2026



Trent Severn Waterway

- Lake Simcoe is part of the Trent Severn Waterway.
- The Trent Severn Waterway is managed by Parks Canada.
- Lake Simcoe outlets through the Atherly Narrows to Lake Couchiching.
- Lake Couchiching outlets through a series of dams to the Severn River.
- The Severn River drains to Georgian Bay.
- There is significant flooding along the Severn River.
- Outflows from Lake Simcoe are reduced.
- Water levels are expected to increase.



Flooding Risks

- The water level in Lake Simcoe is high and expected to continue rising.
- Rain in the forecast as of April 16th: 20mm for Thursday, 10mm for Saturday.
- Outflows at Washago are currently reduced.
- Winds from the southwest pose a concern; they act on the low-lying southeast shorelines.
- Flooding has been observed and is expected to continue until the lake level recedes.

Thank you