



LOWER TRENT
CONSERVATION

WATER LEVEL BULLETIN

Lower Trent Conservation ■ 714 Murray Street, Trenton, Ontario K8V 0N1
Tel: 613-394-4829 ■ Fax: 613-394-5226 ■ information@ltc.on.ca ■ www.ltc.on.ca

Water Safety Statement

Water Safety Statement

A **Water Safety Statement** is issued during high flows, unsafe banks, melting ice or other factors that could be dangerous for recreational users such as anglers, canoeists, hikers, children, pets, etc. **Nuisance localized shoreline flooding for some may occur. There is also potential for further erosion on already damaged shorelines.**

DATE: December 21, 2022

TIME: 3:00 PM

ISSUED TO: Municipalities (Alnwick/Haldimand, Brighton, Cramahe, Quinte West) Northumberland & Hastings Counties, Ministry of Natural Resources & Forestry, Media, Health Units, Emergency Response Agencies

MESSAGE #: LTC – 22-05

Valid until Monday, December 26, 2022

A very intense, slow-moving Colorado low will enter Ontario on Thursday, impacting the entire province. The system is expected to bring up to 20 mm of rain and rain/snow showers on Thursday and early Friday before transitioning to snow for the rest of the weekend. A strong cold front will sweep through the province on Friday, bringing strong to damaging southwesterly winds. Sustained winds of 40-50 km/hr can be expected. Gusts to up 90 km/h, reaching as high as 110 km/h, are possible. Intense winds are expected to continue through Saturday becoming lighter on Sunday, as the system makes its way through the province.

Forecast winds across the Great Lakes will result in increased water levels due to storm surge and wave heights that can potentially exceed local flood thresholds. Shoreline areas of the east end of Lake Ontario are expected to be the most impacted with wave heights in the range of 1.5-2.0 metres. Water levels and waves will subside gradually, starting Saturday afternoon but will stay elevated throughout the weekend as the wind continues to stay strong.

These lake conditions could make a substantial impact on the shorelines with shoreline flooding, wave uprush, and increased erosion potentially expected. A close watch on local shoreline conditions, especially historically known vulnerable locations, is recommended. The public should be reminded about the hazard posed by the high waves and strong wind.

Lower Trent Conservation monitors water levels and weather forecasts closely as part of its flood forecasting and warning program. Daily water level updates are available at www.LTC.on.ca. If you have concerns about water levels, please contact Lower Trent Conservation at (613) 394-4829.

This **Watershed Safety Statement** will be in effect until (or updated before) Monday, December 26, 2022.

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For more information contact:

Janet Noyes
Manager, Development Services & Water Resources
janet.noyes@LTC.on.ca
Or Duty Officer phone (613) 848 4883

Corinne Ross
Communications Specialist
corinne.ross@LTC.on.ca

