



Flood Warning

Long Point Region Conservation Authority

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DATE: February 4, 2021 **TIME:** 4:00 PM

TO: Municipal Flood Coordinators, LPRCA, SWMC, Media

FROM: Ben Hodi, Manager of Watershed Services

SUBJECT: Lake Erie Shoreline Flood Warning (Event Message #1)

Effective immediately, the Long Point Region Conservation Authority (LPRCA) is issuing a **Flood Warning** for the entire Lake Erie shoreline within its jurisdiction.

Environment Canada has issued a gale warning for Lake Erie, forecasting strong southwesterly winds beginning early Friday and are expected to reach 65 km/h with gusts up to 85 km/h in the late morning, slowly diminishing into the evening.

Models are currently forecasting Lake Erie to rise in Long Point by 0.5 meters above the current level to an elevation of 175.2 meters (IGLD 1985) and in the Port Colborne area by 1.0 meters to an elevation of 175.6 meters (IGLD 1985). Strong winds are expected to cause wave heights greater than 2.4 meters in the Long Point area and up to 1.7 meters towards the eastern limits of the watershed. Water levels are expected to peak around noon on Friday.

With the forecasted winds, flooding is expected to impact low lying areas along the Lake Erie shoreline and lower reaches of some tributaries. Minor flooding of roads in Long Point, Turkey Point, and Port Dover with depths of 0.1 to 0.2 metres can be expected. Wave uprush and increased shoreline erosion can be expected from this event.

Haldimand County residents and businesses within LPRCA's watershed should be aware flooding could reach Lake Erie Flood Zones 1. The public is advised to familiarize themselves with flood warning zones mapping in Haldimand County on their [website](#).

Community flood coordinators are asked to monitor conditions along the lakeshore.

The public is asked to stay away from the Lake Erie shoreline due to strong wave action and elevated water levels and follow the direction of local flood coordinators and emergency officials. Parents are reminded to keep children and pets away from these areas.

LPRCA staff will continue to monitor conditions throughout the watershed and will update this message as necessary.

This **Flood Warning** for the Lake Erie shoreline is in effect until **6:00 pm, Friday, February 5th, 2021.**

Contact Ben Hodi at 519-842-4242 ext. 231 or by email at bhodi@lprca.on.ca should further information be required.

NOTE:

Flood Warning – Flooding is imminent or already occurring in specific watercourses or municipalities.

