



Shoreline Flood Watch

Long Point Region Conservation Authority

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DATE: March 24th, 2023

TIME: 4:30 PM

TO: Municipal Flood Coordinators, LPRCA, SWMC, Media

FROM: Brady Baker, Development Technician

SUBJECT: Lake Erie Shoreline Flood Watch - Flood Message #1

Long Point Region Conservation Authority is issuing a Flood **Watch** for the Haldimand County shoreline and a **Shoreline Conditions Statement: Flood Outlook** for the remaining areas along the shoreline within the LPRCA watershed.

A significant weather system is forecast to bring high winds to the Lower Great Lakes Region tomorrow Saturday, March 25, 2023. Areas along Lake Erie will see winds from the east and southeast at 44 km/hour up until early afternoon on Saturday before changing directions to the southwest early evening. Winds from the southwest are expected to reach 62 km/hr with gusts up to 92 km/hr before slowly diminishing into Sunday morning. Forecast winds across Lake Erie will result in increased water levels due to storm surge and wave heights, with the potential to reach local flood thresholds in Haldimand County. This may result in minor shoreline flooding, wave uprush and increased erosion across the area.

For the eastern end of Lake Erie, a moderate storm surge is forecasted, with water levels at Port Colborne expected to peak around 2.1 m above chart datum over the next 24 hours. Water levels in Long Point are expected to peak around 1.67m above chart datum over the next 24 hours. The Lake Erie shoreline wave height is predicted to be slightly over 1.5 m for the eastern watershed while the central watershed will have waves ranging from 2.5 to 3.5 m during this event.

Residents are urged to use caution and stay away from Lake Erie shoreline areas experiencing strong wave action and elevated water levels. Parents are reminded to keep children and pets away from these areas. A close watch on local weather conditions is recommended.

The Haldimand County Flood Coordinator should be prepared to warn affected residents and businesses in **Lake Erie Flood Zone 1**, along the lakeshore and to monitor roads along the lakeshore and implement closures as necessary. The public is advised to familiarize themselves with flood warning zone mapping available on [the Haldimand County's website](#).

Community flood coordinators in other jurisdictions are asked to monitor road conditions along the lakeshore. LPRCA staff will continue to monitor Lake Erie conditions and will update this message as necessary.

This Flood Watch is in effect until 8:00 am Sunday, March 26, 2023. LPRCA staff will continue to monitor conditions throughout the watershed and will update this message as necessary.

Contact Brady Baker, 519-842-4242 ext. 265, should further information be required.

NOTE:

Flood Watch: A message issued by the Conservation Authority to advise flooding is possible in specific watercourses or municipalities. Municipal flood coordinators, emergency services and individual landowners in flood prone areas should prepare.

