Flood Warning

Long Point Region Conservation Authority
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DATE: December 23, 2022 **TIME:** 12:00 PM

TO: **Municipal Flood Coordinators, LPRCA, SWMC, Media**

FROM: **David Proracki, Water Resources Analyst**

SUBJECT: Lake Erie Shoreline Flood Warning (Event Message #2)

Long Point Region Conservation Authority is maintaining a **Flood Warning** for the entire Lake Erie shoreline within its jurisdiction.

Water levels at Port Colborne are expected to reach up 2.97 meters above chart datum by mid-afternoon on Friday, December 23. Lake Erie levels will remain above flood warning thresholds from Friday afternoon through Saturday morning. Waves ranging from 2.0 to 3.0 meters are also predicted for the Lake Erie shoreline during this event. The likelihood of wave spray combined with freezing conditions will add significant hazards to this event and ice accretion should be expected.

Flooding is expected to impact low lying areas along the Lake Erie shoreline and lower reaches of some tributaries. 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 Stage 4**. The public is advised to familiarize themselves with the flood warning zone mapping on the Haldimand County website; Lake Erie Flood Zones in Haldimand County (arcgis.com)

Norfolk County residents and businesses within LPRCA's watershed should be aware flooding could reach **Lake Erie Flood Stage 1**. The public is advised to familiarize themselves with the flood warning zone mapping on the Norfolk County website; https://www.norfolkcounty.ca/living/flooding/norfolk-county-flood-mapping/

Community flood coordinators are asked to monitor conditions along the lakeshore and should be prepared to warn affected residents and businesses within the affected flood stages areas, as noted above.

The public is asked to stay away from the Lake Erie shoreline due to strong wave action and elevated water levels, and to 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 forecast models and conditions throughout the watershed and will update this message as necessary.

This **Flood Warning** for the Lake Erie shoreline is in effect until **8 a.m., Sunday, December 25th, 2022** or until updated**.**

Contact David Proracki, Water Resources Analyst at 519-842-4242 extension 264 should further information be required.

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