



LAKE HURON SHORELINE CONDITION STATEMENT

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Message Number: 2020-04

Issued on: November 14, 2020

Issued by: John Bittorf, Water Resources Coordinator

TO: Lake Huron Shoreline Municipalities and Watershed Media

MESSAGE:

A cold front associated with a low-pressure system is forecasted to move across Lake Huron and Georgian Bay on Sunday (Nov. 15, 2020) and into Monday (Nov. 16, 2020) bringing with it high winds. Strong southerly winds are expected to develop Sunday and are forecasted to swing to the west on Sunday evening and into Monday morning. Maximum sustained wind speeds of 40-50 km per hour with gusts up to 100 km per hour are expected. Winds are forecasted to diminish throughout the day Monday but will remain steady out of the west. The strong winds, combined with near record-high water levels on Lake Huron, will result in higher than normal waves hitting shoreline areas and potential lake surging.

The increased wave height and lake surging may result in minor flooding of low-lying shoreline areas, as well as increased risk of erosion.

This message will remain in effect until 12:00 pm on Monday November 16, 2020, unless local conditions warrant further updates. The Grey Sauble Conservation Authority (GSCA) will continue to monitor watershed conditions and will provide an update if required.

Contact: John Bittorf, Water Resource Coordinator, j.bittorf@greysauble.on.ca, 519-270-9906

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Grey Sauble Conservation issues THREE types of messages:

1. Watershed Conditions

Statement - Water Safety/Flood Outlook

These are general notices of weather conditions that could pose a risk to personal safety of which have the potential to lead to flooding.

- i) Water Safety: High flows, unsafe banks, melting ice, etc.
- ii) Flood Outlook: Early notice of the potential for flooding based on weather forecasts calling for heavy rain, etc.

2. Flood Watch

Flooding is possible in specific watercourses or municipalities. Municipalities, emergency services and individual landowners in flood-prone areas should prepare.

3. Flood Warning

This is the most serious type of message: flooding is imminent or already occurring in specific watercourses or municipalities.