

## WATERSHED CONDITIONS STATEMENT – FLOOD OUTLOOK

**Message Number:** 2021-03

**Issued on:** December 10, 2021 (11:00am)

**Issued by:** John Bittorf, Water Resources Coordinator

**To:** Watershed Municipalities and Watershed Media

### Message:

A Special Weather Statement has been issued by Environment Canada due to a strong cold front moving through Southern Ontario bringing rain and strong winds. Strong and gusty southwesterly winds are possible Saturday afternoon with gusts up to 70 to 90 km/h. Winds will change to westerly direction later Saturday afternoon, with waves estimated to build up to 4 metres by 6:00pm along the Lake Huron shoreline. Lake Huron water levels have dropped below record highs, but wave uprush and possible flooding of low-lying areas may be expected.

Rainfall amounts of 20-30 mm are anticipated on Saturday, along with higher temperatures, resulting in significant snow melt. Stream and river flows are expected to rise throughout the day on Saturday but are not expected to cause unusual flooding. Flooding may occur in low lying areas that typically flood seasonally.

Grey Sauble Conservation Authority would like to remind everyone that during storm events, potential conditions exist that could pose a risk to personal safety. Residents are reminded to stay well back from shorelines. Municipal staff are recommended to monitor problem areas into Sunday morning.

Grey Sauble staff will continue to monitor the weather and the flows and provide additional updates as needed. Watershed residents can access snow, stream flow and rain gauge data through our Watershed Conditions page on our website (<http://www.greysauble.on.ca/water-management/current-watershed-conditions/>).

This Statement expires at 5:00pm on Sunday December 12, 2021 at 12:00pm unless replaced by further updates.

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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.