

# SHORELINE HAZARD

Friday, June 7, 2019 at 10:30

Shoreline Hazard  
Warning



## Issued to:

SCHOOL BOARDS, MUNICIPALITIES, LOCAL CONSERVATION AUTHORITY, LOCAL POLICE, EMERGENCY SERVICES AND MEDIA

## Weather Conditions:

The International Lake Ontario - St. Lawrence River Board is reporting that Lake Ontario is likely at or nearing its peak water level for this year due to the significant increases to Lake Ontario outflows and the forecasted drier conditions this weekend. It is likely that levels will remain stable for the next week before starting to decline gradually if drier conditions occur. However lake level may still see an additional small rise of a few centimeters if wetter conditions prevail in the coming week. As of June 7th, the current Lake Ontario average water level is 75.95m (IGLD 1985 Datum) at Fisheries and Oceans Canada's tidal observation station at Toronto, which exceeds the previous 2017 record of 75.93m. Once peaked, water levels in Lake Ontario will then take several weeks to recede back down to less critical levels and months to get back to normal seasonal levels. Even when water levels do start to recede, risks will continue during times of heavy wind or wave activity, which have been occurring more frequently this year. At the current lake levels, any high winds from any direction can result in significant wave action and lake surge. The shoreline hazard warning will be continued and in effect while the static water level remains above 75.5m.

## Issues:

Due to the high Lake Ontario water levels, impacts such as shortened beaches, land and infrastructure erosion, trail/boardwalk closures, localized ponding and flooding, have been occurring throughout shoreline areas in TRCA's jurisdiction. Please note that TRCA's Notice of Caution for the Scarborough Bluffs is still in effect due to the ongoing potential for landslides. Please contact your local municipality 311 line for updated information on park and beach operations status. Waterfront properties are encouraged to take protective measures against the high water levels and wave action to minimize impacts. At the current lake level any high winds from any direction can exacerbate erosion and flooding impacts that may overtop berms and sandbags, resulting in temporary ponding. Additionally, prolonged high water levels in Lake Ontario can result in reduced capacity of streams at river mouths during thunderstorms.

## Actions:

TRCA is stressing public safety at this time. Stay away from areas that are currently experiencing flooding and erosion and obey all trail closure notices. Boardwalks and other pathways along Lake Ontario's waterfront are dangerous due to the high water levels combined with wind, surge and wave action. Please exercise caution around all Lake Ontario shoreline areas and water bodies. Alert any children under your care of these dangers and supervise their activities. If you are in danger, call 911 immediately. This message pertains to Lake Ontario water levels in the TRCA jurisdiction only. This Lake Ontario Shoreline Hazard Warning will be in effect while the lake level remains above 75.5m and until cancelled or updated. More information from the International Lake Ontario - St Lawrence River board can be found here:  
<https://ijc.org/en/loslrb/lake-ontario-reaching-peak-outflows-increased-rapidly> and <https://ijc.org/en/loslrb/watershed/forecasts>

## Flood Duty Officer

Sukhmani Bola  
416-661-6514

## Chief Flood Duty Officer

Dan Hipple

## Previous Flood Messages issued for the same storm event:

1. [TRCA - Continuation of Lake Ontario Shoreline Hazard Warning for May 30th, 2019 until updated or cancelled](#)
2. [TRCA - Continuation of Lake Ontario Shoreline Hazard Warning for May 24, 2019 until updated or cancelled.](#)
3. [TRCA - Lake Ontario Shoreline Hazard Warning continued for May 16, 2019 until updated or cancelled](#)
4. [TRCA - Lake Ontario Shoreline Hazard Warning continued May 7, 2019 until updated or cancelled](#)
5. [TRCA - Lake Ontario Shoreline Hazard Warning in effect April 30, 2019 until updated or cancelled](#)



Receive Flood Notifications via Twitter:  
[twitter.com/trca\\_flood](https://twitter.com/trca_flood)

[www.trca.ca/flood](http://www.trca.ca/flood)



*A Lake Ontario Shoreline Hazard Warning is a notice that critical high water levels and waves are imminent and/or occurring, which could result in shoreline flooding and/or erosion. Exercise caution around all Lake Ontario shoreline areas.*