

## **Watershed Conditions Statement - Water Safety**

### **Pembroke District**

Thursday, April 14, 2022  
3:00pm

The Ministry of Northern Development, Mines, Natural Resources and Forestry – Pembroke District is advising area residents that a Watershed Conditions Statement - Water Safety, remains in effect for the NDMNRF Pembroke District and Renfrew County. This extended Watershed Condition Statement is in effect until Thursday April 21, 2022.

Residents in Pembroke District should note that water levels on the main Ottawa River are expected to rise over the coming week, but within normal levels. In other portions of the district, lower than average water levels and flows are being documented. Mitigation efforts are being conducted at water control structures to increase lake levels in some areas. The public is advised to exercise extreme caution when near rivers and waterbodies and to stay away from open and fast flowing water, culverts, and dams. Remaining lake ice is unsafe and is deteriorating rapidly. The ministry is closely monitoring weather and developing watershed conditions. Further updates will be issued as appropriate.

#### **TECHNICAL INFORMATION**

##### **Description of Weather System**

This message is being sent on the basis of information received from NDMNRF-Surface Water Monitoring Centre, NDMNRF-Aviation Forest Fire and Emergency Management Services, Trent Severn Waterway (TSW) and Environment Canada.

Pembroke District could see precipitation accumulations between 20mm - 30mm over the next 5 days. Daytime highs over the next week are forecast to reach low to mid teens, with overnight lows falling below zero over the weekend.

##### **Description of Current Conditions**

Flow rates and water levels in the Ottawa River are expected to increase over the coming week, but within normal levels. Elsewhere in the district water level monitoring continues

and low water conditions are being mitigated as required through the operation of control structures. Declining temperatures over the weekend and into next week will slow remaining snowmelt and water level increases. Based on current watershed conditions and the current forecast, flood thresholds are not expected to be reached within the period of the Watershed Conditions Statement.

## DEFINITIONS

- **WATERSHED CONDITIONS STATEMENT – WATER SAFETY:** indicates that high flows, melting ice or other factors could be dangerous for such users as boaters, anglers and swimmers but flooding is not expected.
- **WATERSHED CONDITIONS STATEMENT – FLOOD OUTLOOK:** gives early notice of the potential for flooding based on weather forecasts calling for heavy rain, snow melt, high winds or other conditions
- **SHORELINE CONDITIONS STATEMENT – WATER SAFETY:** indicates that **along the Great Lakes shorelines high water**, melting ice or other factors could be dangerous but flooding is not expected.
- **SHORELINE CONDITIONS STATEMENT – FLOOD OUTLOOK:** gives early notice of the potential for flooding **along the Great Lakes shorelines** based on weather and lake conditions, and water safety information.
- **FLOOD WATCH:** potential for flooding exists within specific watercourses and municipalities
- **FLOOD WARNING:** flooding is imminent or occurring within specific watercourses and municipalities.

## LEARN MORE

- Surface Water Monitoring Centre public webpage [www.ontario.ca/page/surface-water-monitoring-centre](http://www.ontario.ca/page/surface-water-monitoring-centre)
- Environment Canada bulletins: [www.weather.gc.ca](http://www.weather.gc.ca)
- A close watch on local conditions and weather forecasts from Environment Canada is recommended.