



# ***BULLETIN***

Ministry of Natural Resources and Forestry

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## **Watershed Conditions Statement - Water Safety North Bay District**

### **NEWS**

Thursday, April 11, 2019  
**10:30 HRS**

The Ministry of Natural Resources and Forestry – North Bay District is advising area residents that a Watershed Conditions Statement - Water Safety is in effect for the District.

MNRF is closely monitoring the weather and developing watershed conditions. Further updates will be issued as appropriate.

### **TECHNICAL INFORMATION**

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

An approaching Colorado Low weather system is expected to pass through Northeastern Ontario over the next 3 days, bringing warm air into the North Bay Ministry of Natural Resources and Forestry District on Thursday and Friday.

The North Bay Ministry of Natural Resources and Forestry District is expected to receive 10 – 15 mm, with the phase of the precipitation more on the rain side, rather than snow or ice pellets over the same period.

Temperatures reaching between +7 and +10 deg C during the day and lows of between -4 and above freezing for nighttime lows will drop back down to more seasonal temperatures Friday night and into the weekend.

The latest snow survey from April 1<sup>st</sup> shows a continuing snowpack in southcentral and northeastern Ontario ranging from 100 to 200 mm of snow water equivalent. Station reports indicate the snow is compacting due to the diurnal freeze-thaw and recent rain events, with a layer of ice on the ground

**Description of Current Conditions**

Water levels and stream flows across northeastern Ontario are moderately elevated from ongoing spring snow melt and past precipitation events.

The impact of recent warm temperatures and rainfall have compacted the significant snow pack reducing its ability to absorb rainfall. Warm temperatures and precipitation are likely to further degrade the snowpack and river ice, and produce runoff and increasing levels and flows.

Risks may include degradation of river ice and ice jam related flooding from increasing temperatures and flows, fast moving cold water with rapidly changing conditions, and flooding of low-lying areas with a history of flooding.

A close watch on local forecasts and conditions is recommended.

**Expiry Date:**

This message will expire on Tuesday, April 16 2019, 12:00 AM

**Terminology: Notification Levels**

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

WATERSHED CONDITIONS STATEMENT – WATER SAFETY: indicates that high flows, melting ice or other factors could be dangerous for such users as snowmobilers, and anglers but flooding is not expected.

FLOOD WATCH: potential for flooding exists within specific watercourses and municipalities

FLOOD WARNING: flooding is imminent or occurring within specific watercourses and municipalities.

**Contact Information**

For more information please contact:

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A close watch on local conditions and weather forecasts from Environment Canada is recommended.

Environment Canada bulletins can be found at <http://weather.gc.ca/>

The Surface Water Monitoring Centre public webpage can be found here:  
[www.ontario.ca/flooding](http://www.ontario.ca/flooding)