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Flood Forecasting and Warning

SNC maintains a flood warning system in its jurisdiction to provide the latest information to municipalities, media, emergency response services, and the Ministry of Natural Resources and Forestry.

Our flood warning system is two-fold:

1. To provide advance notice of flood conditions so that preparation measures can be taken to minimize the impact on people and property; and
2. To provide on-going updates of flood forecasts and watershed conditions during a flood event.

Ontario's 36 Conservation Authorities are mandated to provide this flood forecasting and warning service. SNC, in partnership with the Ministry of Natural Resources and Forestry, maintains a network of stream gauges, rain gauges and snow course sites in the jurisdiction. This data is used to determine the potential for flooding due to runoff from snow melt and precipitation.

Staff perform a daily planning cycle which includes an analysis of the following parameters:

- * Daily calculation of the 7:00 a.m. flows;
- * Daily check of forecasts for weather conditions, precipitation and temperatures; and
- * Snow and ice survey data.

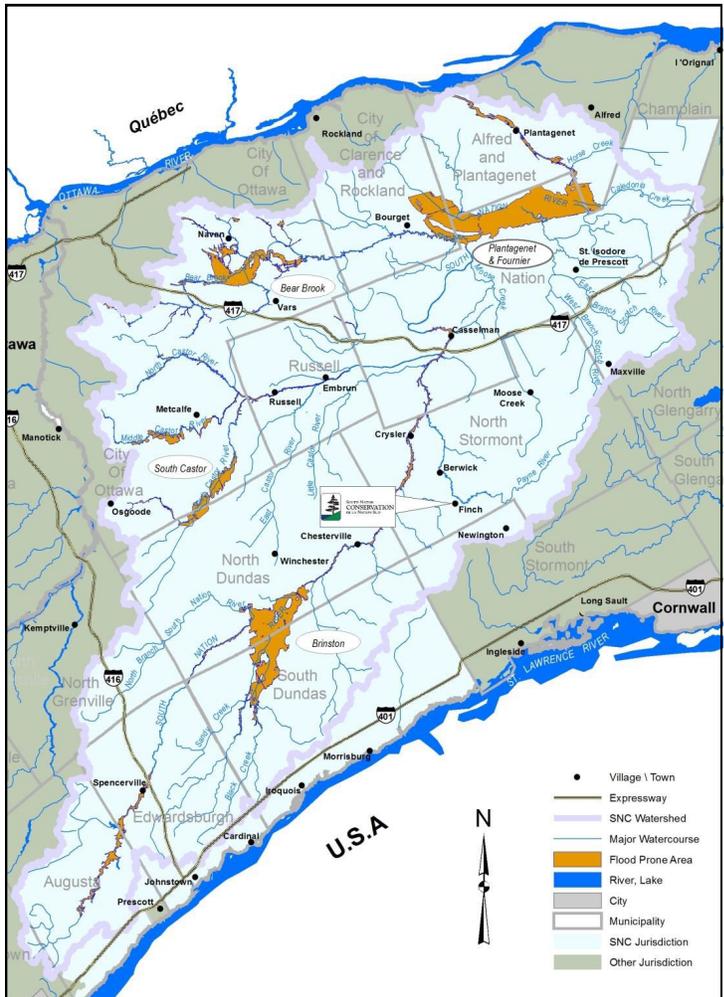
SNC uses this analysis to predict the flood potential and issue the appropriate message.



Flooding at Seguin Bridge, Cty Rd 9, April 10, 2012

Flood Prone Areas

There are several low-lying areas throughout the basin that are prone to spring flooding, these areas include: Plantagenet, Brinston, South Castor, and Bear Brook.



Map of SNR Watershed - Flood Prone Areas