



St. Clair Region
Conservation
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Flood Advisory

Bulletin Number: 2011 Flood Event 2, Bulletin 2
Issued at: February 28, 2011 at 4:30 pm
Issued by: Girish Sankar, Water Resources Engineering Technician

Highlights:

- Snow melt from warm temperatures and precipitation causing river water levels to rise
- Road closures in St. Clair Township

Current:

Water levels on the Sydenham River and its tributaries are rising as a result of precipitation overnight (10-16 mm or 0.4-0.6 inches) and snow melt. Water levels are expected to peak on the Sydenham River in Alvinston as well as on many other small tributaries by tonight. Levels continue to climb on lower reaches of the Sydenham River. Localized flooding is occurring along some watercourses while others have near bank full conditions. Waterworks Road between Courtright Line and Moore Line is closed due to flooding. The snow melt will come to an end later this evening as below freezing temperatures are forecast.

Forecast:

Below zero temperatures are forecast for the next several days with little chance of precipitation. Ice conditions are expected to continue to deteriorate with increased flows and warmer water reducing ice thickness. At this point, it is difficult to determine if flows will be sufficient to break up the ice cover or whether it will remain in place.

This Week:

Water levels will gradually start to fall by mid-week to near normal levels before they begin to rise again with 20mm (0.75 inches) of precipitation forecast for Friday and Saturday. This is expected to cause increased water levels in the Sydenham River. No major flooding concerns are anticipated at this point. Ice jamming is a possibility with increased flows as the ice breaks up.

Municipal emergency response staff and road superintendents should monitor local conditions closely.

Residents are reminded to avoid watercourses and flooded areas due to slippery banks, cold and swift moving water and deteriorating ice. Parents in particular are urged to keep their children away from floodplain areas.

The St. Clair Region Conservation Authority will monitor the flood condition of the watersheds in the region and will provide warnings to municipal officials and media in the event conditions develop which could result in the potential of flooding.

Update: As required.
Contact: Girish Sankar at 519-617-1935
Confirmation: Confirmation of receipt of this message **is not** required

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Types of Flood Bulletins

- *Flood Monitoring/Safety Bulletins* are dual purpose in nature, with Monitoring Bulletins used to report on general watershed conditions to flood coordinators, and Safety Bulletins to remind the general public of general river safety issues.
- *Flood Advisory Bulletins* are issued when the potential for flooding exists in specific municipalities.
- *Flood Warning Bulletins* are issued after a forecast has been made and apply to specific flood damage centres where serious flooding appears inevitable.