



St. Clair Region Conservation
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Flood Advisory

Bulletin Number: 2011 Flood Event 4, Bulletin 1
Issued at: June 23, 2011 at 11:30 am
Issued by: Girish Sankar, Water Resources Engineer

Highlights:

- 30 to 40 mm of precipitation across the watershed since yesterday
- Water levels on the rise
- Additional 5 to 10 mm of precipitation for today and tomorrow
- Road closures

Current:

Water levels on the Sydenham River and its tributaries continue to climb as a result of 30 – 40 mm of rain across the watershed since yesterday (10 mm in Wallaceburg and 38 mm at Strathroy and Sarnia). The Sydenham River and its tributaries are responding with rising water levels by overtopping its banks and into floodplain areas at Florence, Alvinston and Oil springs. Localized flooding is expanding along the main branches of the Sydenham River and its major tributaries.

In St.Clair Township, Waterworks Road, north of Courtright Line is closed due to flooding.

Forecast:

Water levels are expected to peak over the next 24 to 36 hours in the east Sydenham River at Dresden and peak in Bear Creek at Brigden by Friday afternoon. A new weather system is expected to bring 5 to 10 mm of rain later today and tomorrow. This will increase the potential for water levels to be pushed over the top of bank. Pretty Road south of Stanley Line may be overtopped by floodwaters later today or tomorrow.

The next few days:

Localized flooding at parks in communities such as Strathroy and Petrolia, as well as farm fields throughout the region can be expected to continue for the next few days. No residential flooding due to riverine flooding is anticipated across the watershed but conditions will be monitored closely. Watercourses are expected to continue to have near top of bank conditions for the next few days. Water levels in the upper and lower areas of the watershed are expected to begin to fall early next week with no additional significant precipitation anticipated.

Municipal officials and road superintendents should monitor local conditions.

Residents are reminded to avoid watercourses and flooded areas due to slippery banks and swift moving water. 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

Types of Flood Bulletins

- *High Water 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.
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