

Camrose – Camrose Creek and Tributary – Flood Hazard Study – Summary

Community	City of Camrose Camrose County
Stream	Camrose Creek Unnamed Tributary Stream
Basin	Battle River – 5F

This study delineates flood hazard areas and determines flood levels along an almost 9 km reach of Camrose Creek and an approximate 2 km reach of an unnamed tributary through Camrose. The design discharge for Camrose Creek ranges from 30.8 m³/s at the upstream study extent to between 33.1 m³/s and 35.1 m³/s farther downstream. The design discharge for the tributary is 5.1 m³/s.

Camrose Creek has its headwaters in the Alberta prairie. A major railway stream crossing culvert and the Mirror Lake Reservoir are located downstream of the tributary stream confluence within Camrose city limits. The Mirror Lake Dam was reconstructed after its failure during the 1947 flood. Both control structures attenuate flood peaks and the downstream Camrose Creek design discharges reflect routed flow reductions. Flooding in the study area generally occurs during the open water season as a result of spring rainfall and snowmelt runoff or by major summer rainstorms. High flows are most likely to occur in the spring.

A digital representation of the flood hazard maps prepared as part of this study can be viewed online.

- [Camrose Flood Hazard Mapping](#)

For more information regarding specific flood hazards in your community, please contact Alberta Environment and Parks by email at ESRD.Flood@gov.ab.ca.

Flood Hazard Study Details

Study Status	Final
Report Name	Camrose Flood Risk Mapping Study
Report Author	I.D. Engineering Company Ltd., Edmonton, Alberta
Report Date	February 1994

Flood information available after study completion may not be reflected in the current flood hazard study report or flood hazard mapping.

To obtain a PDF copy of the current report or mapping in PDF format, please contact Alberta Environment and Parks by email at ESRD.Flood@gov.ab.ca.

Instructions on how to obtain official GIS flood hazard mapping data, or more information on the Flood Hazard Identification Program and flood hazard studies in Alberta, are available online.

- floodhazard.alberta.ca

Provincial Designation Details

Designation Status	Designated
Designation Date	15 June 1995

Related Information

Adjacent Studies	None
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