

Lacombe – Wolf Creek and Tributary – Flood Hazard Study – Summary

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

This study delineates flood hazard areas and determines design flood levels along Wolf Creek and an unnamed tributary through Lacombe. The study area includes an almost 9 km reach of Wolf Creek and approximate 2 km of tributary stream length. The design discharge for Wolf Creek is 36.4 m³/s downstream of Highway 2, 40.1 m³/s upstream Highway 2 and at Highway 2A and 29.7 m³/s upstream of Highway 12. The design discharge of the tributary is 13.3 m³/s.

Wolf Creek has its headwaters in the parklands of central Alberta. Wolf Creek has been channelized within the study area since 1980, in order to increase conveyance capacity. Flood flows at and downstream of Highway 12 are likely attenuated due to the large amount of available storage capacity within the study area, and the selected design discharges are reflective of routed flow reductions. Flooding typically occurs in the open water season either from spring runoff in March and April or from heavy rainfall events in June and July.

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

- [Lacombe 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	Lacombe Flood Risk Mapping Study
Report Author	Alberta Environmental Protection, Natural Resources Service, Technical Services & Monitoring Division, River Engineering Branch, Edmonton
Report Date	June 1996

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	26 February 1998

Related Information

Adjacent Studies	None
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