Cardston – Lee Creek – Flood Hazard Study – Summary

Community	Town of Cardston Cardston County Blood Indian Reserve No. 148
Stream	Lee Creek
Basin	South Saskatchewan River – 5A

This study delineates flood hazard areas and determines design flood levels along an approximate 6 km reach of Lee Creek through Cardston. The design discharge for Lee Creek is 328 m^3/s.

Lee Creek originates in the Rocky Mountains of Montana but the majority of the watershed is located in southwest Alberta. Channel widening and modification works undertaken in 1983 have increased the conveyance capacity of Lee Creek. Floods in the study area are usually caused by a combination of heavy rainfall events and mountain snowmelt runoff. Although peak flows can occur throughout the year, the highest flows which cause flooding typical occur in the open water season between mid-May and the end of June.

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

- Cardston 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	Cardston Hydraulic Study
Report Author	Stanley Associates Engineering Ltd., Calgary, Alberta
Report Date	September 1992

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 1994

Related Information

Adjacent Studies	None