

Black Diamond and Turner Valley – Sheep River – Flood Hazard Study – Summary

Community	Town of Black Diamond Town of Turner Valley Municipal District of Foothills No. 31
Stream	Sheep River
Basin	Bow River – 5B

This study delineates flood hazard areas and determines design flood levels along an approximate 9 km reach of the Sheep River through Turner Valley and Black Diamond. The design discharge for the Sheep River is 601 m³/s.

The Sheep River has its source in the Rocky Mountains. Flooding in the study area generally occurs during the open water season as a result of heavy rainfall events, either alone or combined with mountain snowmelt. High flows are most likely to occur 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.

- [Black Diamond Flood Hazard Mapping](#)
- [Turner Valley 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	Black Diamond - Turner Valley Flood Risk Mapping Study
Report Author	Klohn Leonoff Ltd., Calgary, Alberta
Report Date	July 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	18 September 1996

Related Information

Adjacent Studies	None
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