

High River – Highwood River, Baker Creek and Little Bow River – Flood Hazard Study – Summary

Community	Town of High River Municipal District of Foothills No. 31
Stream	Highwood River Baker Creek Little Bow River
Basin	Bow River – 5B

This study delineates flood hazard areas and determines design flood levels along an approximate 31 km length of the Highwood River through High River. The design discharge for the Highwood River ranges from 750 m³/s at the upstream study extent to 650 m³/s at the downstream extent. Included in the study area are lands flooded by overflow from the Highwood River into the Little Bow River via Baker Creek and the Little Bow Canal, along approximately 3 km of Baker Creek and almost 1 km of the Little Bow River. The flood hazard mapping in a portion of the overflow area and along the Little Bow River is currently under review by Environment and Sustainable Resource Development.

The Highwood River has its headwaters in the Highwood Range of the Rocky Mountains. Flooding in the study area generally occurs during the open water season as a result of major rain storms, often in combination with early summer snowmelt runoff. High flows are most likely to occur in May or June.

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

- [High River 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	High River Flood Risk Mapping Study
Report Author	Northwest Hydraulic Consultants Ltd., Edmonton, Alberta
Report Date	August 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	Pending
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Related Information

Adjacent Studies	None
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