

## Hinton – Athabasca River and Tributaries – Flood Hazard Study – Summary

<b>Community</b>	Town of Hinton Yellowhead County
<b>Stream</b>	Athabasca River Happy Creek Hardisty Creek Maskuta Creek
<b>Basin</b>	Athabasca River – 7A

This study delineates flood hazard areas and determines design flood levels for Athabasca River and Happy, Hardisty and Maskuta Creeks through Hinton. The study area includes an almost 10 km reach of the Athabasca River, an almost 4 km reach of Hardisty Creek and less than 1 km reaches of both Happy and Maskuta Creeks. The design discharge for the Athabasca River is 1390 m<sup>3</sup>/s. The design discharges for Happy, Hardisty and Maskuta Creeks are 33.2 m<sup>3</sup>/s, 10.6 m<sup>3</sup>/s and 134 m<sup>3</sup>/s respectively.

The Athabasca River originates in the Rocky Mountains. Peak flows at Hinton are predominately the result of snowmelt from the mountain slopes within Jasper Park and are partially attenuated by the natural storage effects provided by Brule Lake. Peak flows along the three tributary creeks typically occur during the open water season as a result of intense summer rainstorms.

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

- [Hinton 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](mailto:ESRD.Flood@gov.ab.ca).

### Flood Hazard Study Details

<b>Study Status</b>	Final
<b>Report Name</b>	Hinton Flood Risk Mapping Study
<b>Report Author</b>	Northwest Hydraulic Consultants Ltd., Edmonton, Alberta
<b>Report Date</b>	May 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](mailto: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](http://floodhazard.alberta.ca)

### Provincial Designation Details

<b>Designation Status</b>	Pending
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## Related Information

Adjacent Studies	None
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