

## Eckville – Medicine River and Lasthill Creek – Flood Hazard Study – Summary

<b>Community</b>	Town of Eckville Lacombe County
<b>Stream</b>	Medicine River Lasthill Creek
<b>Basin</b>	Red Deer River – 5C

This study delineates flood hazard areas and determines design flood levels along the Medicine River and Lasthill Creek through Eckville. The study area includes an approximate 13 km reach of the Medicine River and an approximate 5 km reach of Lasthill Creek. The design discharge for the Medicine River downstream of the Lasthill Creek confluence is 249 m<sup>3</sup>/s. The design discharges for the Medicine River and Lasthill Creek upstream of their confluence are 174 m<sup>3</sup>/s and 75.0 m<sup>3</sup>/s respectively.

The Medicine River watershed is located within the western Alberta plains. Within the study area, the most severe flooding generally occurs in the summer and is rain-driven, but spring snowmelt runoff conditions produce relatively high water levels during in most years. High flows are most likely to occur in April or July.

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

- [Eckville 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>	Town of Eckville Flood Risk Mapping Study
<b>Report Author</b>	Northwest Hydraulic Consultants Ltd., Edmonton, Alberta
<b>Report Date</b>	December 2006

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

<b>Adjacent Studies</b>	None
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