

Fort Vermilion – Peace River – Flood Hazard Study – Summary

Community	Hamlet of Fort Vermilion Mackenzie County
Stream	Peace River
Basin	Peace River – 7J

This study delineates the flood hazard areas and determines design flood levels along an approximately 26 km reach of the Peace River through Fort Vermilion. The design discharge for the Peace River is 12640 m³/s.

The Peace River has its headwaters in the mountains of northern British Columbia. Flows have been controlled by the W.A.C. Bennett Dam in British Columbia since its completion in 1967. Flooding in the study area occurs both during the open water season, as a result of mountain snowmelt runoff combined with heavy rainfall, and in the ice-affected season, as a result of ice jam events. Open water flooding is the current design case in the study area.

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

- [Fort Vermilion 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	Peace River at Fort Vermilion Flood Risk Mapping Study
Report Author	Alberta Environment, Natural Resources Service, Water Management Division, River Engineering Branch, Edmonton, Alberta
Report Date	July 2000

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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