

Airdrie – Nose Creek – Flood Hazard Study – Summary

Community	City of Airdrie Rocky View County
Stream	Nose Creek
Basin	Bow River – 5B

This study delineates flood hazard areas and determines design flood levels along an approximate 16 km reach of Nose Creek through Airdrie. The design discharge for Nose Creek ranges from 37.6 m³/s at the upstream study extent to 52.1 m³/s at the downstream extent.

The headwaters of Nose Creek are in the prairie and grasslands north of the study area. Nose Creek has been channelized at various locations through Airdrie. Flooding in the study area usually occurs during the open water season, as a result of major mid-summer storms, but there has also been reported flooding during the ice-affected season due to ice jam events. Open water flooding is the design case in the study area.

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

- [Airdrie 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	Nose Creek Flood Risk Mapping Study City of Airdrie
Report Author	Golder Associates Ltd., Calgary, Alberta
Report Date	November 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.

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	• Calgary – Nose and West Nose Creeks
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