

River Basins Currently with Advisories

Information in addition to this advisory may be found at:

<http://www.environment.alberta.ca/forecasting/forecasterscomments>

<http://www.environment.alberta.ca/apps/basins>

High Streamflow Advisory - Stream levels are rising or expected to rise rapidly and no major flooding is expected. Minor flooding in low-lying areas is possible. Anyone situated close to the streams affected is advised to be cautious of the rising levels.

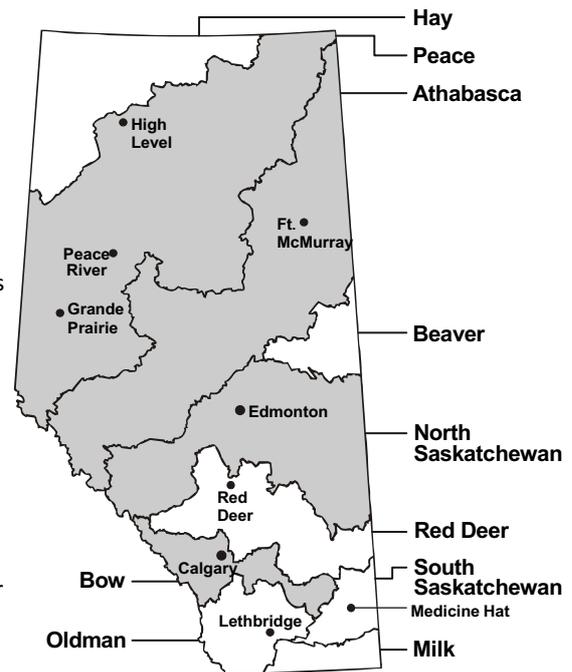
Flood Watch - Stream levels are rising and will approach or may exceed bank full. Flooding of areas adjacent to these streams may occur. Anyone situated close to the river is advised to take appropriate precautionary measures.

Flood Warning - Rising stream levels will result in flooding of areas adjacent to the streams affected. Anyone situated close to the river should take appropriate measures to avoid flood damage.

Ice Advisory - Stream levels are expected to change rapidly as the river ice cover is freezing up or breaking up. No major flooding is expected as river levels are expected to remain within bank full. This is a natural process, however ice movement and shoving may cause minor flooding in low-lying areas. Anyone situated close to the streams affected is advised to be cautious of rapidly changing water and ice levels.

Ice Jam Watch - Conditions are favourable for the formation of ice jams, or an ice jam has been reported causing stream levels to rise and approach or exceed bank full. Flooding of areas adjacent to the stream affected or groundwater seepage flooding may occur. Ice jams can obstruct the flow of a river channel. The location and occurrence of ice jams and possible associated flooding are very unpredictable. Anyone situated close to the streams affected is advised to be cautious of rapidly changing water and ice levels and to take appropriate precautionary measures.

Ice Jam Warning - A reported ice jam is causing flooding in areas adjacent to the stream affected and is impacting a community and/or infrastructure. Ice jams can obstruct the flow of a river channel. The location and occurrence of ice jams and possible associated flooding are very unpredictable. Anyone situated close to the streams affected is advised to be cautious of rapidly changing water and ice levels and to take appropriate measures to avoid flood damage.



River Advisory Overview for Alberta

Advisories apply to streams and their tributaries unless otherwise noted.

- Thunderstorm activity was observed in the eastern slopes and foothills, followed by an area of rainfall. This precipitation brought 5-35 mm of rain to the eastern slopes, and 15-50 mm in an area east of Highway 2, from Red Deer to Lethbridge.
- Weather models are now predicting that the highest precipitation amounts from this system are expected in areas around a line connecting Grande Cache and Rocky Mountain House, which is expected to receive 50-70 mm with higher local amounts possible before rainfall ends on Saturday (June 10th).
- Forecasted rainfall amounts are as follows:
 - Smoky Basin, portions of the upper Athabasca River: 50-70 mm; local amounts may be higher due to convective activity.
 - Upper North Saskatchewan Basin: 50-70 mm; local amounts may be higher due to convective activity.
 - Red Deer Basin: 20-50 mm
 - Swan Hills: 5-20 mm
 - Upper Bow Basin, Highwood Basin: 15-40 mm

New Advisories:

- New High Streamflow Advisories have been issued for the mainstem of the Athabasca River upstream of Whitecourt as well as the Pembina River.
 - Water level rises in these water courses vary between 2-3 m, although final water level rises will be dependent on the storm track and final precipitation amounts.
- New High Streamflow Advisories have been issued for portions of the upper North Saskatchewan River (upstream of Lodgepole) and its tributaries, including the Brazeau, Nordegg, Baptiste and Clearwater Rivers.
 - Water level rises in these water courses vary between 1-2 m, although final water level rises will be dependent on the storm track and final precipitation amounts.

Unchanged Advisories:

- High Streamflow Advisories remain in effect for the Smoky River and its tributaries upstream of Watino (including the

following rivers and their tributaries: Wapiti, Kakwa, Cutbank, Simonette, Little Smoky)

- Water level rises of 1-3 m may result in these water courses depending on the locations and amount of heavy rainfall.
- High Streamflow Advisories remain in effect for the following tributaries of the Athabasca River: Berland, Wildhay and Mcleod Rivers.
 - Water level rises of 1-2 m may result in these water courses depending on the locations and amount of heavy rainfall.
- The High Streamflow Advisories for the Bow River upstream of Cochrane will remain in effect due to expected high temperatures and the precipitation forecast for the area.
 - Water levels have begun to rise due to the precipitation and are currently expected to reach the threshold values seen last week.
 - This situation will be closely monitored.

The River Forecast Centre will continue to monitor weather forecasts and recorded rainfall for the duration of this event, and will update advisory levels and locations as necessary.

Peace River Basin

Streamflow Advisories

Stream	High Streamflow Advisory	Flood Watch	Flood Warning	Water Level Status	Advisory Status
Smoky River and its tributaries upstream of the Town of Watino including Kakwa River, Cutbank River, Redwillow River, Pinto Creek, Simonette River.	✓			rising	Unchanged

Athabasca River Basin

Streamflow Advisories

Stream	High Streamflow Advisory	Flood Watch	Flood Warning	Water Level Status	Advisory Status
Berland River and its tributaries	✓			rising	Unchanged
Mcleod River and its tributaries	✓			rising	Unchanged
Athabasca River upstream of Whitecourt	✓			rising	New
Pembina River	✓			rising	New

North Saskatchewan River Basin

Streamflow Advisories

Stream	High Streamflow Advisory	Flood Watch	Flood Warning	Water Level Status	Advisory Status
North Saskatchewan River and its tributaries upstream of Lodgepole, including the Brazeau, Nordegg, Baptiste and Clearwater Rivers.	✓			rising	New

Bow River Basin

Streamflow Advisories

Stream	High Streamflow Advisory	Flood Watch	Flood Warning	Water Level Status	Advisory Status
Bow River and its tributaries upstream of the Town of Cochrane	✓			rising	Unchanged

Media Contact:

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