

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.



Streamflow Advisory Overview for Alberta

Advisories apply to streams and their tributaries unless otherwise noted.

Rainfall is expected to begin overnight and continues into Friday, bringing 30-60 mm of rain in an area that covers Edson to Peace River and east to the Swan Hills. Severe thunderstorms are also expected with this system.

A High Streamflow Advisory has been issued due to the possibility of large water level changes from the forecasted precipitation, as water levels may rise ~2 m in some locations, however at this time flows are not expected to approach any known flood thresholds. There is the possibility of the thunderstorms creating more rain than currently expected and the thunderstorms do have the potential to cause rapid responses in streams, however the specific locations of these thunderstorms and associated rainfall are not able to be predicted by meteorologists this far in advance. The River Forecasting Section will be monitoring precipitation and river levels throughout the event and will upgrade advisories as required.

Thunderstorms also have the capability to cause overland flooding and ponding of low-lying areas as water makes its way into streams. Flooding of urban areas is also possible when intense rainfall from thunderstorms overwhelm local infrastructure.

Athabasca River Basin

Stream	High Streamflow Advisory	Flood Watch	Flood Warning	Water Level Status	Advisory Status
All streams and their tributaries flowing out of the Swan Hills.	✓			Steady	New

Peace River Basin

Stream	High Streamflow Advisory	Flood Watch	Flood Warning	Water Level Status	Advisory Status
Wapiti River and its tributaries.	✓			Steady	New
Kakwa River and its tributaries.	✓			Steady	New
Little Smoky River and its tributaries.	✓			Steady	New
Smoky River upstream of Watino and its tributaries.	✓			Steady	New

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