

## River Basins Currently with Advisories

Information in addition to this advisory may be found at:

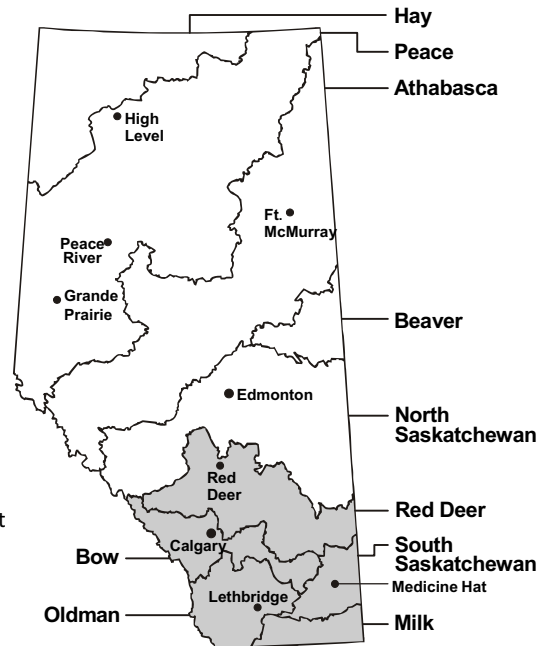
<http://www.environment.alberta.ca/forecasting/forecasterscomments>

<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.

Recent weather model runs and conversations with meteorologists indicate more precipitation is possible in the Oldman River Basin than was previously anticipated. The river advisories have been updated to reflect this change.

- 50-70 mm is still possible in the Bow River basin, with the largest amounts now falling Tuesday morning through Wednesday morning, rather than Monday night.
- Up to 150 mm is possible in southern Alberta in the Oldman River basin (previous totals were 120mm), with rainfall activity increasing Tuesday morning, and the largest amounts expected Tuesday night into Wednesday morning.
- The Cypress Hills rainfall amounts may see 90-110 mm, with rainfall activity increasing Tuesday morning and the largest amounts expected Tuesday night into Wednesday morning.
- ~2 meter rises are possible in the Willow Creek basin downstream of Chain Lakes, the Oldman River upstream of the Oldman Dam, along Lee Creek and the along the South Saskatchewan River
- ~1 to 1.5 metre rises are possible in the Bow Valley tributaries.
- ~1 to 1.5 metre rises can also be expected in the Waterton River, Castle River, Belly River, St. Mary River, and Pincher Creek Basins.
- Little Red Deer Flood Watch: Water levels are expected to approach or slightly exceed known flood thresholds at Westward Ho campground and Red Lodge Provincial Park.
- Crowsnest River Flood Watch: the forecast water level rise is approximately 1.5 m, this may exceed a known flood threshold near Frank by 30-60 cm.
- Willow Creek Flood Watch: The known flood threshold at the Willow Creek Provincial Park may be exceeded by 0.5 m.
- Oldman River upstream of the Oldman Dam Flood Watch: Water levels may rise ~ 2 m.
- Waterton Lake Flood Watch: Water levels in Waterton Lake may rise ~ 1 m.
- Wallaceville Area of High River Flood Watch: forecast flows may approach flood thresholds at Wallaceville (1.2 meter rise is possible) based on the high precipitation scenario for that basin; there are **NO** flooding concerns at any other location in town.
- ~ 2 m rises or above may be expected on the Oldman River downstream of the Oldman dam and may require upgrading to a Flood Watch. As the levels downstream of the Oldman Dam are heavily dependant on the forecasted precipitation as well as operations of multiple dams and the inflows of Willow Creek and other tributaries, this advisory will be upgraded promptly once there is more certainty in forecasted precipitation and dam operations.

### Bow River Basin

Stream	High Streamflow Advisory	Flood Watch	Flood Warning	Water Level Status	Advisory Status
Elbow River	✓			rising	Unchanged
Fish Creek	✓			rising	Unchanged

Wallaceville in the Town of High River on the Highwood River		✓		steady	Unchanged
Highwood River	✓			rising	Unchanged
Tributaries to the Bow River upstream of the City of Calgary	✓			rising	Unchanged

### Milk River Basin

Stream	High Streamflow Advisory	Flood Watch	Flood Warning	Water Level Status	Advisory Status
Milk River	✓			rising	Unchanged
Tributaries flowing out of the Cypress Hills	✓			falling	Unchanged

### Oldman River Basin

Stream	High Streamflow Advisory	Flood Watch	Flood Warning	Water Level Status	Advisory Status
Castle River		✓		steady	<b>Upgraded</b>
Crowsnest River		✓		rising	Unchanged
Oldman River upstream of Oldman Dam		✓		steady	<b>Upgraded</b>
Willow Creek downstream of Chain Lakes		✓		steady	Unchanged
Waterton River	✓			falling	Unchanged
Belly River		✓		steady	<b>Upgraded</b>
St Mary River	✓			falling	Unchanged
Oldman River downstream of the Oldman Dam	✓			steady	Unchanged
Waterton Lake		✓		steady	<b>New</b>
Lee Creek		✓		steady	<b>New</b>
Pincher Creek		✓		steady	<b>New</b>

### Red Deer River Basin

Stream	High Streamflow Advisory	Flood Watch	Flood Warning	Water Level Status	Advisory Status
Little Red Deer River		✓		rising	<b>New</b>

### South Saskatchewan River Basin

Stream	High Streamflow Advisory	Flood Watch	Flood Warning	Water Level Status	Advisory Status
Tributaries flowing out of the Cypress Hills	✓			steady	<b>New</b>
South Saskatchewan River	✓			steady	<b>New</b>

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#### Media Contact:

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