

## River Basins Currently with Advisories

Information in addition to this advisory may be found at:

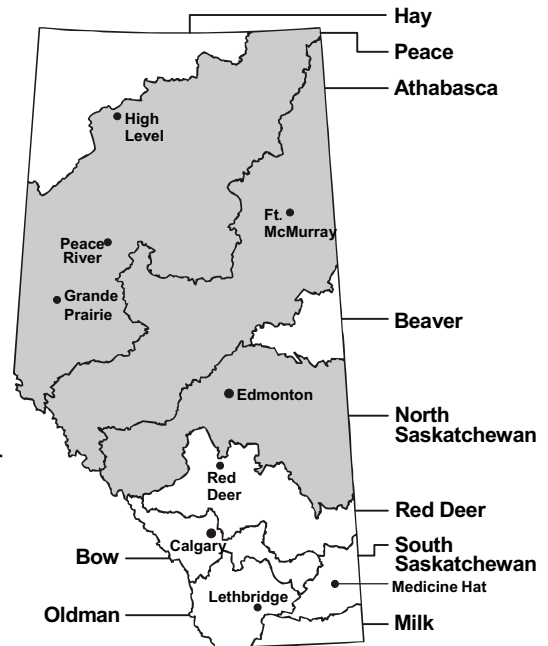
<http://www.environment.alberta.ca/forecasting/forecasterscomments>

<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.



## River Advisory Overview for Alberta

Advisories apply to streams and their tributaries unless otherwise noted.

Rainfall activity brought between 30-80 mm of precipitation to parts of central and northern Alberta, with local areas receiving up to 100 mm. Areas with the highest amount of precipitation were between a line extending south from the Swan Hills to Sundre.

The High Streamflow Advisory for the Paddle River and its tributaries has been ended, as river responses have not materialized.

The North Saskatchewan River and its tributaries downstream of Rocky Mountain House have been added to the High Streamflow Advisory.

Peace River Basin:

Water levels have peaked, High Streamflow Advisory will remain in effect until flows recede.

- Cutbank River
  - Peaked at 125 m<sup>3</sup>/s, total water level rise of 1.3 m
- Kakwa River
  - Peaked at 260 m<sup>3</sup>/s, total water level rise of 1.0 m
- Muskeg River
  - Peaked at 36 m<sup>3</sup>/s, total water level rise of 1.6 m
- Upper Smoky River (Smoky River near Hells Creek)
  - Peaked at 260 m<sup>3</sup>/s, total water level rise of 0.5 m
- Deep Valley Creek
  - Peaked at 70 m<sup>3</sup>/s, total water level rise of 0.9 m

Athabasca River Basin:

Water levels have peaked, High Streamflow Advisory will remain in effect until flows recede with the exception of the Paddle River system High Streamflow Advisory, which has ended.

- Little Paddle River
  - Advisory Ended
  - Water level rise of 0.9m.
- Paddle River
  - Advisory Ended
  - Water level rises of 0.5 - 0.9 m
- Conners Creek
  - Advisory Ended
  - Water level rises of 0.1 m
- Pembina River
  - Advisory remains in effect
  - Water level rises of 0.9 - 1.7 m
- Sakwatamau River
  - Advisory remains in effect
  - Water level rises of 0.9 m

**North Saskatchewan River Basin:**

Water levels are rising in the North Saskatchewan River, and a High Streamflow Advisory has been issued for the North Saskatchewan River downstream of Rocky Mountain House, including selected tributaries.

- North Saskatchewan River
  - High Streamflow Advisory in effect for downstream of Rocky Mountain House to Alberta/Saskatchewan border.
  - ~3 m water level rises from current water level expected in the City of Edmonton by Wednesday (August 24th) afternoon.
  - Boat Launches and low lying paths along the river valley may be affected.

**Peace River Basin**

Streamflow Advisories

Stream	High Streamflow Advisory	Flood Watch	Flood Warning	Water Level Status	Advisory Status
Cutbank River	✓			falling	Unchanged
Kakwa River	✓			falling	Unchanged
Muskeg River	✓			falling	Unchanged
Upper Smoky River	✓			falling	Unchanged
Deep Valley Creek	✓			falling	Unchanged

**Athabasca River Basin**

Streamflow Advisories

Stream	High Streamflow Advisory	Flood Watch	Flood Warning	Water Level Status	Advisory Status
Paddle River and tributaries				rising	Ended
Pembina River and tributaries	✓			rising	Unchanged
Sakwatamau River	✓			peaking	Unchanged

**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 downstream of Rocky Mountain House	✓			rising	New

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