



Flood Warning

Issued at: 11:10 AM, June 9, 2005

Issued by: River Forecast Centre, Flow Forecasting

Flood Warning for Southern Alberta

Alberta Environment has issued a **Flood Warning** for the following river in the South Saskatchewan River basin:

- South Saskatchewan River (including Medicine Hat)

As of 10 am this morning:

Location	Current Flow (m ³ /s)	Current Water Level (m)	Forecast Peak Flow (m ³ /s)	Change in water level (metres)	Time of Peak
South Saskatchewan River at Medicine Hat	2095 rising	6.34	3500 – 3800	1.8 to 2.1 m	June 10 at 11 pm

As peak flows are becoming known upstream, the forecast at Medicine Hat has been increased, as local flows in the Oldman River between Fort MacLeod and Lethbridge were higher than expected. Current indications are that the peak in Medicine Hat will be approximately one metre above bankful levels and will be broad, as the river will stay near peak levels for at least 12-18 hours. Water levels are expected to peak approximately 1.2 metres below values recorded in 1995.

Flood Warning Update for Southern Alberta

A **Flood Warning** remains in effect for the following streams and rivers and their tributaries in the Bow and Oldman River basins:

- Oldman River DOWNSTREAM of Oldman Dam (NOT including the City of Lethbridge)
- Sheep River (including Okotoks, Turner Valley and Black Diamond) – including Three Point Creek
- Highwood River (including High River)
- Willow Creek (including Claresholm)

At 10 am this morning:

Location	Current Flow (m ³ /s)	Forecast Peak Flow (m ³ /s)	Change in water level (metres)	Time of Peak
Highwood River At High River	435 falling very slowly	Peaked at 625	Down 0.18 m from peak	Peaked at 5 am yesterday
Highwood River At the mouth	760 falling very slowly	Peaked at 1405		Peaked at 6 am yesterday
Willow Creek Near Claresholm	410 falling very slowly	Peaked at 600		Peaked at 1 am yesterday
Oldman River At Lethbridge	2375 currently peaking	Peaking		Peaked 7 am this morning

Outflows from Oldman River Dam have dropped to 450 m³/s (down from 475 m³/s). The peak forecast for Lethbridge was higher than anticipated due to greater than anticipated local flow from surrounding areas between Fort MacLeod and Lethbridge. Levels at the Oldman River at Fort MacLeod have peaked and have begun to drop slowly but remain above bankful.

The Sheep and Highwood Rivers along with Willow Creek have peaked however, the river remains out of bank and therefore remains under Flood Warning.

Alberta Environment is monitoring river levels closely and is in close contact with Environment Canada Weather Services. Additional information is available from the Forecasters Comments on our website at:

<http://www3.gov.ab.ca/env/water/ws/ForecastersComments/index.html>.

Flood Watch Update for Southern Alberta

A **Flood Watch** remains in effect for the following streams and rivers and their tributaries in the Bow River basin:

- Bow River downstream of the City of Calgary
- Kananaskis River
- Elbow River (including Bragg Creek, Calgary) UPSTREAM and DOWNSTREAM of Glenmore Dam
- Fish Creek (including Priddis, Calgary)
- Jumpingpound Creek
- Little Bow River

The Little Bow River continues to rise downstream. Outflows from Glenmore Reservoir on the Elbow River remain near 165 m³/s.

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Flood Watch Update for Southern Alberta

A **Flood Watch** remains in effect for the following streams and rivers and their tributaries in the Milk and Oldman River basins including:

- Milk River (including Milk River)
- Pincher Creek (including Pincher Creek)
- Oldman River UPSTREAM of Oldman Dam
- Crowsnest River (including Municipality of Crowsnest Pass)
- Castle River
- Belly River (including Mountainview and Standoff)
- St. Mary River DOWNSTREAM of St. Mary Dam

At 10 am, St. Mary Reservoir outflows were 185 m³/s (down from 230 m³/s earlier).

High Streamflow Advisory Update for Southern Alberta

The **Flood Watch** has been downgraded to a **High Streamflow Advisory** for the following streams in the Oldman River basin:

- Lee Creek (including Cardston)

This stream has peaked but continues to have high streamflow.

A **High Streamflow Advisory** remains in effect for the following streams and their tributaries in the Red Deer, Bow, and Oldman River basins:

- Red Deer River upstream and downstream of Dickson Dam (Sundre, Red Deer and Drumheller)
- Little Red Deer
- Bearberry Creek
- Mainstem of the Bow River UPSTREAM of the City of Calgary (including Banff, Canmore, Calgary)
- Waterton River and Waterton Lake (including Waterton townsite) UPSTREAM of Waterton Dam
- Waterton River DOWNSTREAM of Waterton Dam
- St. Mary River UPSTREAM of St. Mary Dam

As of 10 am, Dickson Dam outflows remain steady at 280 m³/s and Waterton Dam outflows remain at 140 m³/s.

Additional information is available from the Forecasters Comments on our website at:

<http://www3.gov.ab.ca/env/water/ws/ForecastersComments/index.html>.

High Streamflow Advisory Ended for Southern Alberta

The **High Streamflow Advisory** has ended for the following streams in the Bow River basin:

- Ghost River
- Waiparous Creek

These streams have peaked and are currently falling.

A High Streamflow Advisory means that 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 (campers, fishermen, boaters and the general public) is advised to be cautious of the rising levels.

A Flood Watch means that 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 streams is advised to take appropriate precautionary measures.

A Flood Warning means that rising river 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