

High Streamflow Advisory

Issued at: 5:00 PM, June 10, 2008 Issued by: River Forecast Section

High Streamflow Advisory Issued for Southern Alberta

A High Streamflow Advisory has been issued for the following streams and their tributaries in Southern Alberta:

- Tributaries of the Bow River (upstream of the City of Calgary)
- Elbow River (upstream of Glenmore Dam including the Communities of Bragg Creek and Redwood Meadows)
- Highwood River (including the Town of High River)
- Sheep River (including the Towns of Okotoks, Black Diamond and Turner Valley)
- Threepoint Creek
- Fish Creek

A number of the smaller tributaries in these basins have started to respond to the 20 to 30 mm of precipitation that has fallen in that region since Monday morning. With an additional 40 to 50 mm forecast to fall over the next 24 hours water levels are expected to rise above current levels. No significant flooding is expected at this time although caution is still advised around these streams.

High Streamflow Advisory Issued for Central Alberta

A High Streamflow Advisory has been issued for the following streams and their tributaries in Central Alberta:

- Red Deer River (upstream of Dickson Dam including the Town of Sundre)
- Little Red Deer River

Up to 50 mm of precipitation has already fallen in the eastern slopes portions of the Red Deer River basin since Monday morning. With showers and periods of rain forecast to continue into Wednesday, a further 30 to 40 mm is possible. Water levels in these river basins are expected to rise above current levels. No significant flooding is expected at this time although caution is still advised around these streams.

High Streamflow Advisory Update for Central Alberta

A High Streamflow Advisory remains in effect for the following stream and its tributaries in Central Alberta:

North Saskatchewan River (upstream of and including the City of Edmonton)

The North Saskatchewan River peaked on Monday June 9th at approximately 970 m³/s (5.4 m), up approximately a meter from last week's water levels. Water levels will remain high for the next few days.

High Streamflow Advisory Update for North Central Alberta

A High Streamflow Advisory remains in effect for the following stream and its tributaries in North Central Alberta:

Pembina River

The Pembina River has peaked at Paddy Creek and Entwistle at 1m above previous levels. Water levels have just started to rise at the Pembina River at Jarvie water level gauge.

Media Contact: Communications Division, Alberta Environment

Phone: (780) 427-6267 Pager: (780) 671-0549 (24 hours) Fax: (780) 427-1874

High Streamflow Advisory Update for Southern Alberta

A High Streamflow Advisory remains in effect for the following stream in Southern Alberta:

Little Bow River

Flows along this stream remain well above seasonal values.

Alberta Environment is monitoring river levels closely and is in close contact with Alberta Forestry Weather and Environment Canada Weather Services. Additional information is available from the Forecasters Comments on our website at: http://environment.alberta.ca/forecasting/ForecastersComments/index.html.

This advisory will be updated if there is any change in conditions.

A *High Streamflow Advisory* means that stream levels are rising or expected to rise rapidly and <u>no major flooding</u> 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.

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