

## **High Streamflow Advisory Update**

Issued at: 4:15 PM, June 13, 2008 Issued by: River Forecast Section

## Flood Watch Downgraded for Southern Alberta

A **Flood Watch** has been downgraded to a **High Streamflow Advisory** for the following stream and its tributaries in the Bow River basin:

Bow River at Hidden Valley

The Bow River below Bassano Dam peaked last night at a flow of approximately 950 m<sup>3</sup>/s. Flows are expected to reach the mouth overnight.

#### Flood Watch Downgraded for Central Alberta

A **Flood Watch** has been downgraded to a **High Streamflow Advisory** for the following stream and its tributaries in the Red Deer River basin:

Little Red Deer River

The Little Red Deer River at the mouth peaked this morning at 190 m³/s, has dropped to 175 m³/s as of 2:30 pm. Water levels remain high but will continue to fall.

# **High Streamflow Advisory Ended for Southern Alberta**

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

- Bow River at Calgary
- Elbow River downstream of the Glenmore Reservoir

Outflows from reservoirs into the city have been decreased significantly.

## **High Streamflow Advisory Update for Southern Alberta**

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

- Tributaries of the Bow River (upstream of the City of Calgary)
- Bow River (downstream of Calgary)
- Elbow River (upstream of the Glenmore Dam including the Communities of Bragg Creek and Redwood Meadows)
- Fish Creek
- Highwood River (including the Town of High River)
- Threepoint Creek
- Sheep River (including the Towns of Okotoks, Black Diamond and Turner Valley)
- Little Bow River
- Castle River
- St Mary River
- Belly River
- Waterton River
- Willow Creek
- Lee Creek

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- Drywood Creek
- Pincher Creek
- Milk River (including the Town of Milk River)
- South Saskatchewan River (including the City of Medicine Hat)

Most of these streams have peaked and are falling, but are fluctuating as they continue to decline slowly. Tributaries in the mountains are showing a smaller secondary peak due to melt of the recent snow that fell on warm ground at middle and lower elevations. No major problems are expected.

The Milk River peaked at the town of Milk River this morning, and this peak is making its way downstream.

As flows make their way downstream from the eastern slopes, water levels in the South Saskatchewan River at Medicine Hat are forecast to rise an additional meter above noon Friday levels and peak by Saturday night. No major problems are expected.

### **High Streamflow Advisory Update for Central Alberta**

A High Streamflow Advisory remains in effect for the following streams and their tributaries in Red Deer and North Saskatchewan River basins:

- Red Deer River (upstream of Dickson Dam including the Town of Sundre)
- North Saskatchewan River (upstream of and including the City of Edmonton)

A peak flow near 600 m³/s reached Red Deer midday Thursday and Drumheller midday Friday and will make its way downstream. Dickson dam is holding outflows lower since yesterday and will continue through the weekend, to allow space for flows from the Little Red Deer River and Medicine River to enter the Red Deer River without causing any major issues. A much smaller secondary peak may pass through Red Deer and Drumheller as a result of these tributary flows.

Water levels in the North Saskatchewan River at the City of Edmonton peaked midday today and will make their way downstream.

## High Streamflow Advisory Update for North Central Alberta

A High Streamflow Advisory remains in effect for the following stream and its tributaries in Athabasca River basin:

#### Pembina River

Water levels have peaked and have fallen, but are fluctuating as they continue to decline slowly.

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: <a href="http://environment.alberta.ca/forecasting/ForecastersComments/index.html">http://environment.alberta.ca/forecasting/ForecastersComments/index.html</a>.

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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