

High Streamflow Advisory Update

Issued at: 9:30 AM, August 24, 2005 Issued by: River Forecast Centre, Flow Forecasting

High Streamflow Advisory for Central Alberta

Alberta Environment has issued a High Streamflow Advisory for the following streams and their tributaries in the Bow River Basin:

- Waiparous Creek
- Jumpingpound Creek
- Ghost River
- Kananaskis River
- Fish Creek
- Elbow River upstream of Glenmore Dam (including Bragg Creek)

A major low pressure system brought 40 to 70 mm of rain to the Rocky Mountain House, Nordegg, Sundre, Red Deer and Calgary regions in the last 24 hours. Heavy Rainfall Warnings issued by Environment Canada remain in effect for these regions. Further additional amounts of 20 to 30 mm of rain are forecast for these regions in the next 18 hours. However, rain has changed to wet snow in the mountains (elevation above 2000 metres). Rivers and streams in these regions are rising in response to the precipitation and no major flooding is anticipated at this time.

High Streamflow Advisory Update

Alberta Environment's High Streamflow Advisory remains in effect for the following streams and their tributaries in the North Saskatchewan River Basin:

- Clearwater River (including Dovercourt)
- Ram River

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

- Red Deer River upstream of Dickson Dam (including Sundre)
- James River
- Raven River
- Bearberry Creek
- Little Red Deer River
- Medicine River

As of 8 AM today, the releases from Dickson Dam were at 79 cms, which is below bankfull limits downstream.

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.

This advisory will be updated if the situation changes.

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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