Flood Warning Update

Issued at: 6:05 PM, May 8, 2007
Issued by: River Forecast Centre, Flow Forecasting

Up to 30mm of precipitation is forecast for the Edson – Grande Cache – Slave Lake region over the next 24 hours. Localized higher amounts are possible in some areas, especially where thunderstorms develop. Soil conditions in these regions are very wet and streams are expected to respond quickly to any significant precipitation.

Flood Warning

A **Flood Warning** has been issued for the following river and its tributaries in the Athabasca River Basin:

- South Heart River

This river has not receded since last week's precipitation caused it to rise to bankfull conditions. It is expected to rise above current levels with the addition of the precipitation forecast over the next 24 hours.

The flood watch has been upgraded to a **Flood Warning** for the following river in the Peace River Basin:

- Heart River

This river remains high and is expected to rise above current levels with the addition of the precipitation forecast for this evening.

High Streamflow Advisory

A **High Streamflow Advisory** has been issued for the following river and its tributaries in the Peace River Basin:

- Wapiti River (including Grande Prairie)

This river continues to rise due to the precipitation received on Monday. With the addition of the precipitation forecast for this evening it is expected to rise further.

High Streamflow Advisory

A **High Streamflow Advisory** has been issued for the rivers and streams in the North Saskatchewan River Basin west of Edmonton including:

- Sturgeon River (including St. Albert and Villeneuve)
- Weed Creek
- Strawberry Creek
- Rose Creek
- Tomahawk Creek

The Sturgeon River is responding due to the recent precipitation. Water levels at St. Albert are expect to rise and remain high for the next few days as water flows out of Big Lake.

The remaining tributaries of the North Saskatchewan River basin are high and are expected to rise with the additional precipitation forecast over the next 24 hours.

A **High Streamflow Advisory** has been issued for the following river in the Athabasca River Basin:

- Pembina River (upstream of the Paddle River confluence)

This river remains high and is expected to rise again with the precipitation that is forecast over the next 24 hours.

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The following Warning, Watches and Advisories remain in effect:

The streams in areas that receive significant precipitation tonight may rise again. The current level of advisory is appropriate for the precipitation that is forecast.

Flood Warning for North and Central Alberta

A **Flood Warning** remains in effect for the following streams in the Red Deer River basin:

- Blindman River
- Medicine River (near Eckville)

A **Flood Warning** remains in effect for the following stream in the Battle River basin:

- Battle River (including Ponoka)

A **Flood Warning** remains in effect for the following stream in the Athabasca River basin:

- Paddle River (downstream of the Paddle Dam)

Flood Watch for North and Central Alberta

A **Flood Watch** remains in effect for the following streams in the Athabasca River basin:

- Pembina River (downstream of the Paddle River confluence)
- Freeman River

The Pembina River will continue to rise as flow from upstream, local inflow and flows from the Paddle River combine downstream.

A **Flood Watch** remains in effect for the following river and its tributaries in the Hay River basin:

- Chinchaga River (near High Level)

A **Flood Watch** remains in effect for all the tributaries of the Peace River downstream of the Town of Peace River including:

- Wabasca River
- Notikewin River
- Keg River
- Whitemud River (near Dixonville)

These streams are rising in response to the 30 to 50 mm of precipitation that fell late last week and an additional 15mm that fell on Saturday.

High Streamflow Advisories for Central and North Central Alberta

A **High Streamflow Advisory** remains in effect for the following river in the Peace River Basin including:

- Peace River (including the Town of Peace River)

The Peace River is rising due to the high flows experienced in the upper headwaters early last week as well inflows from the Smoky River.

A **High Streamflow Advisory** remains in effect for the tributaries and streams originating in the Red Deer River Basin including:

- Raven River
- Little Red Deer River
- Waskasoo Creek
- Red Deer River (downstream of the City of Red Deer including the Town of Drumheller)

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A **High Streamflow Advisory** remains in effect for the following streams and rivers in the Athabasca River Basin including:

- Athabasca River (downstream of the Pembina River confluence)
- Sawridge Creek (at Slave Lake)
- Swan River
- Driftpile River
- East Prairie River (near Enilda)
- West Prairie River (near High Prairie)
- Little Paddle River (near Mayerthorpe)

The Athabasca River is rising due to the combined inflow of the McLeod, Freeman, Lesser Slave and Pembina Rivers.

A **High Streamflow Advisory** remains in effect for the tributaries and streams of the Smoky River Basin including:

- Little Smoky River
- Smoky River (at Watino)
- Simonette River
- Redwillow River

A **High Streamflow Advisory** remains in effect for the tributaries and streams of the North Saskatchewan River Basin including:

- North Saskatchewan River (downstream of the Town of Drayton Valley including the City of Edmonton)
- Modeste Creek

These streams and tributaries remain high due to the precipitation received in the past week.

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 as the situation changes.

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

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