

Forecaster's Comments

Friday June 21, 2013 – 11:25 AM

Weather Conditions

Since Wednesday morning, a slow moving intense low pressure system brought 80 to 250 mm of precipitation with localized amounts up to 300 mm along the mountains and foothills from Edson to Waterton Park. This weather system is forecast to bring an additional 15 to 30 mm of precipitation to the eastern slopes by Saturday morning.

Environment and Sustainable Resource Development is in close contact with weather forecasting agencies, including the Alberta Forestry Division and Environment Canada. Detailed weather forecasts and current weather information are available from:
Alberta Forestry Division:

<http://srd.alberta.ca/Wildfire/FireWeather/ForecastsObservations/Default.aspx>

Environment Canada:

http://www.weatheroffice.gc.ca/canada_e.html

River Conditions

A [Flood Warning](#) has been issued for the Bow River at the Town of Banff and the Town of Canmore. This river basin received 250 mm of precipitation since Wednesday morning and river level is rising in response to heavy precipitation.

A [High Streamflow Advisory](#) has been issued for the Athabasca River upstream of Fort Assiniboine. The upper Athabasca River basin has received up to 85 mm of precipitation since Wednesday morning and river level is rising in response to heavy precipitation.

A [High Streamflow Advisory](#) remains in effect for the McLeod River upstream of Whitecourt. The upper McLeod River basin received 85 mm of precipitation since Wednesday morning and river level is rising in response to heavy precipitation.

A [High Streamflow Advisory](#) remains in effect for the Hangingstone River, Clearwater River and the tributaries of the Athabasca River downstream of the Town of Athabasca.

A [Flood Watch](#) remains in effect for the Clearwater River and Nordegg River. These river basins received 50 to 90 mm of precipitation since Wednesday morning and river levels are rising in response to heavy precipitation.

A [High Streamflow Advisory](#) remains in effect for the North Saskatchewan River and its tributaries upstream of and including the City of Edmonton.

A [Flood Warning](#) remains in effect for the Red Deer River upstream of the Gleniffer Reservoir and the Red Deer River downstream of the Gleniffer Reservoir, including the City of Red Deer and the City of Drumheller. The upper Red Deer River received between 40 to 140 mm of precipitation since Wednesday morning.

A [Flood Warning](#) remains in effect for the Little Red Deer River. The upper Little Red Deer River basin received between 40 and 80 mm of precipitation since Wednesday morning and the River is rising quickly in response to the heavy precipitation.

A [Flood Warning](#) remains in effect for the Elbow River downstream of Glenmore Dam including the City of Calgary, and the Bow River downstream of the City of Calgary including the City of Calgary. The upper Elbow and Bow Rivers received 90 to 200 mm of precipitation since Wednesday morning and the rivers are rising quickly in response to the heavy precipitation.

A [Flood Warning](#) remains in effect for the tributaries of the Bow River upstream of Calgary including Cougar Creek, the Elbow River upstream of Glenmore Dam, the Sheep River, and the Highwood River and its tributaries. These areas have received 90 to 200 mm of precipitation since Wednesday morning and continue to rise in response to heavy precipitation.

A [Flood Warning](#) remains in effect for Fish Creek. This river basin received 70 mm of precipitation since Wednesday morning and river level is rising in response to heavy precipitation.

A [Flood Watch](#) remains in effect for the Bow River mainstem upstream of the City of Calgary.

A [Flood Warning](#) remains in effect for the Oldman River downstream of the Oldman Dam and Willow Creek.

A [Flood Watch](#) remains in effect for the Oldman River and its tributaries upstream of the Oldman Reservoir.

A [High Streamflow Advisory](#) remains in effect for the Waterton River and its tributaries upstream of the Waterton Dam, St. Mary River and its tributaries upstream of St. Mary Dam, Pincher Creek and the Belly River. These rivers are rising in response to moderate to heavy precipitation that had fallen along the mountain and foothills west of Lethbridge since Wednesday morning.

River levels of rivers streams in the Upper Oldman, Bow River, Red Deer River, North Saskatchewan River basins are rising. River levels of the Hangingstone River, Clearwater and tributaries of the Athabasca River downstream of Athabasca are generally steady or falling slowly, but still remain high.

River conditions across the province will continue to be monitored and advisories will be issued as required.

Real-time precipitation and river data are available at:
<http://environment.alberta.ca/apps/basins/default.aspx>

Water Supply Report

Water Supply Outlooks are published incrementally as new data analyses are available. The most recent Water Supply Outlook is now available at:
<http://www.environment.alberta.ca/forecasting/WaterSupply/index.html>.

Precipitation data and maps for the Water Supply Report are published monthly at:
<http://www.environment.alberta.ca/forecasting/reports/index.html>.