



Serving Our Community

Seasonal Flood Monitoring

Links to view monitoring stations and other resources

Alberta River Basins

[Advisories, Warnings and River Flow Rates](#) for all Alberta River Basins. To get to the Sheep River at Black Diamond, focus the map by clicking the + (top left corner) until you can see Black Diamond. Check the appropriate boxes on the right and then click on the picture icons to see the information you want. **Advisories** and **Warnings** will be shown at the top of the screen and may appear as a coloured area on the map.

[Forecaster Comments](#) generally updated twice weekly. Click the Menu icon  and select Forecaster Comments.

[Snow Pack](#): Using the menu on the right, choose "Snow Pillow." Focus your map in such a way that you can see Black Diamond near the top of your screen. To the left, you should be able to see two (2) snowflake icons. If not, you might need to adjust your map a little. If you hover or click on the snowflakes, they should represent **[Little Elbow Summit](#)** and **[Three Isle Lake](#)**. Southeast of those is the **[Mt. Odlum](#)** station, which flows primarily into the Highwood River, not the Sheep River. These are the 3 stations that staff regularly monitor for snow pack concerns in the whole Foothills area.

[Alberta Emergency Alert](#) Follow the instructions when an Alert is issued for your area.

Links to Other Resources

Environment Canada Weather Alerts – Black Diamond	Warnings, watches, special statements
Environment Canada Weather Forecast – Black Diamond	7 day forecast
Emergency Preparedness information	Alberta Emergency Management Agency information

* Rainfall is the driving variable for flooding in southern Alberta. Some variables are monitored and taken into account in river forecasting models including; mountain snow pack, soil moisture, temperature, etc. However, **it is the rain that drives the possibility of flooding**. The other variables by themselves will not cause flooding to occur. Simply put, a large snowpack does not guarantee a flood will occur.

The Forecaster Comments are updated at a minimum of twice a week. They contain references to the current weather forecast and the impacts it will have on Alberta's rivers. It is intended to be explicit when discussing flood potential and the potential variability of the weather forecast.