

# Ministry of Forests, Lands, Natural Resource Operations and Rural Development

## High Streamflow Advisory – Upper Columbia

Issued: 1:45PM June 24, 2021

The River Forecast Centre is **issuing** to a **High Streamflow Advisory** for:

- **Upper Columbia, including the Columbia River mainstem and tributaries around Donald, Golden, Radium, Invermere and surrounding areas**

Hot temperatures over the past few days has led to accelerated snowmelt rates from high elevation terrain from the Rocky Mountain and Columbia Mountains. Rivers have been rising from this snowmelt, with many gauged rivers in the region currently flowing between 2-year and 5-year return period levels.

Temperatures are expected to rise into the weekend, with daily maximum temperatures in Golden forecast to reach the upper-30's °C, and freezing levels reaching or exceeding 5000m by Monday and Tuesday next week.

Hot temperatures and snowmelt from higher elevations are expected to lead to rising river levels over the weekend and into next week. Current modelling is indicating the potential for flows in the 5-year to 10-year range through the region. Details of the CLEVER Model forecasts for this region can be found at: [http://bcRFC.env.gov.bc.ca/freshet/map\\_clever.html](http://bcRFC.env.gov.bc.ca/freshet/map_clever.html)

The public is advised to stay clear of the fast-flowing rivers and potentially unstable riverbanks during the high-streamflow period.

The [River Forecast Centre](#) continues to monitor the conditions and will provide updates as conditions warrant.

BC River Forecast Centre

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A **High Streamflow Advisory** means that river levels are rising or expected to rise rapidly, but that no major flooding is expected. Minor flooding in low-lying areas is possible.

A **Flood Watch** means that river levels are rising and will approach or may exceed bankfull. Flooding of areas adjacent to affected rivers may occur.

A **Flood Warning** means that river levels have exceeded bankfull or will exceed bankfull imminently, and that flooding of areas adjacent to the rivers affected will result.

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