

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

## High Streamflow Advisory – Upper Fraser River

Issued: 11:30AM June 26, 2021

The River Forecast Centre is issuing to a **High Streamflow Advisory** for the **Upper Fraser River** including:

- **Upper Fraser River including the Robson Valley and areas from Sinclair Mills upstream to Torpy, Dome Creek, McBride and surrounding tributaries**

Hot temperatures over the past several days have triggered significant amount of snowmelt at the higher elevations of the Upper Fraser River. Automated snow weather stations located in this basin are currently recording a snow water equivalent (SWE) from 188 mm to 441 mm. Environment and Climate Change Canada (ECCC) forecasts rising temperatures up to 34°C in the Upper Fraser region over the coming days. These high temperatures will increase substantially the snowmelt which will cause river levels to continue to rise in the coming days.

The Upper Fraser River and tributaries are currently running at flows between the 2- and 5-year return periods. Based on the current hydrologic modeling, the FRASER RIVER AT RED PASS (08KA007) is expected to rise significantly this weekend into next week and pass the 10-year return period next Monday. The FRASER RIVER AT MCBRIDE (08KA005) is expected to reach the 5-year return period level tomorrow. The large tributaries, such as the DORE RIVER NEAR MCBRIDE (08KA001), MCKALE RIVER NEAR 940M CONTOUR (08KA009), and MORKILL RIVER BELOW HELLROARING CREEK (08KA013), are also expected to rise significantly next week.

Details of the CLEVER Model forecasts for this region can be found at:

[http://bcrcfc.env.gov.bc.ca/freshet/map\\_clever.html](http://bcrcfc.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.