

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

## Issued: High Streamflow Advisory – Quesnel River

13:00 PM June 29, 2021

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

- **Quesnel River and its tributaries**

Historically high temperatures occurring throughout the province has resulted in extensive melt of snow and permanent ice at very high elevations. Daytime highs at Quesnel exceeded 40°C over the weekend and are forecast to remain above 35°C until at least Thursday. Limited monitoring capacity of the high elevation snowpack that remains at this time of year makes it difficult to forecast how much snow is left to melt and the corresponding impact on rivers. Current hydrologic forecasting indicates the potential for the Quesnel River at Likely (08KH001) to rise to 10-year return period flows into this weekend (July 3-6, 2021); this site is already running at 444.3 m<sup>3</sup>/s as of 6:00 AM this morning, a 2-5 year return period flow. The downstream Quesnel River at Quesnel site (08KH006) is forecast to exceed 2-year return period flows beginning this weekend and potentially lasting into early next week. As there is little precipitation in the forecast for this region, the key element driving the certainty of this forecast is how much snow is left to melt within the watershed, given the high temperatures that are forecast to persist through this week.

Details of the CLEVER Model forecasts 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.

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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.