

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

UPDATE – High Streamflow – Lillooet River (DOWNGRADED)

ISSUED: 12:15 PM July 2, 2021

The River Forecast Centre is **downgrading** the Flood Watch to a **High Streamflow Advisory** for the Lillooet River, including:

- **Pemberton**
- **Lillooet Lake**
- **Lillooet River and tributaries**
- **Harrison Lake**

Peak daily temperatures at Pemberton have decreased from a high of 43.2°C observed on June 28th down to 29.6°C yesterday (July 1). Snow and glacial melt rates have been easing with the drop in temperatures, with local automated snow weather stations in the 1400-1700m elevation range becoming snow-free over the past few days. Based on satellite-derived snow cover analysis, it is estimated that approximately 20% of the Lillooet River watershed remains snow covered.

Peak daily river levels and Lillooet Lake levels have been dropping from levels observed over the June 27th to July 1st period. Current conditions include:

- LILLOOET RIVER NEAR PEMBERTON (08MG005) reached the highest flows of 736 m³/s (5-year flow) at 4:30am PST on Monday. Currently, the river has dropped to a level of approximately 535 m³/s
- HARRISON RIVER BELOW MORRIS CREEK (08MG022) is currently at a level of 11.55 m (between a 5-year and 10-year return period level) and is expected to be at peak levels (including Harrison Lake)

With eased temperatures and snowmelt rates, river and lake levels are expected to see improving conditions into the weekend. Flows and lake levels are expected to remain high for the next few days and will remain vulnerable to rainfall events over this period.

CLEVER Model forecasts are available at: http://bcrfc.env.gov.bc.ca/freshet/map_clever.html

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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.