

Ministry of Forests

Flood Watch – Shuswap, North Thompson, Quesnel River/Cariboo Mountains High Streamflow Advisory – South Thompson River, Thompson River, Nicola ISSUED: 10:30AM June 17, 2022

The River Forecast Centre is **maintaining a Flood Watch** for:

- **Shuswap Region including South Thompson River tributaries (Seymour River, Eagle River, Adams River, Shuswap River and surrounding tributaries and lakes)**
- **North Thompson River including tributaries around Barriere and Clearwater**
- **Cariboo Mountains and tributaries flowing westward including the Quesnel River, Quesnel Lake and Horsefly River and surrounding tributaries**

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

- **South Thompson River**
- **Thompson River from Kamloops to Spences Bridge**

Progressive seasonal snowmelt has led to high flows in rivers throughout the British Columbia Interior Mountains. On-going showers and rainfall have also provided additional runoff.

Seasonal snowmelt remains delayed in the higher elevations throughout the region, with 80% to 50% of the seasonal snow accumulation at higher elevations remaining. Automated snow weather stations at mid-elevations (for example 1A03P Barkerville, 1C20P Boss Mountain Mine, 1E14P Cook Creek) are now mostly snow-free.

A summary of river conditions as of 8:01AM Friday June 17th:

- North Thompson River at McLure (Water Survey of Canada Gauge 08LB064) is currently flowing at 2020 m³/s (between a 2-year and 5-year flow). Modest rises (flows between 2000-2400 m³/s) are forecast over the weekend from rainfall, and the river remains vulnerable to flooding if additional rainfall runoff occurs
- Shuswap River near Enderby (08LC002) is flowing at 470 m³/s (between a 5-year and 10-year flow). Flows are forecast to level off over the weekend, however the river remains vulnerable to rises from rainfall

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- South Thompson River at Chase (08LE031) is flowing at 1110 m³/s (between a 2-year and 5-year return period flow) and rising at approximately 20-40 m³/s per day. On-going rises are expected through the weekend, with flows up to 1200 m³/s forecast for early next week
- Thompson River near Spence Bridge (08LF051) is flowing at 3050 m³/s (between a 2-year and 5-year flow) and has had stable flows over the past three days. Additional modest rises are forecast over the weekend
- Quesnel River at Likely (08KH001) is flowing at 530 m³/s (between a 5-year and 10-year flow) and rising at approximately 10 m³/s per day. The rate of rise has been decreasing, however rainfall over the weekend is expected to contribute to additional rises

The public is advised to stay clear of the fast-flowing rivers and potentially unstable riverbanks during the high-streamflow period. [Be prepared and know your hazards.](#)

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

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.