

Ministry of Forests

Flood Watch – Shuswap, North Thompson, Quesnel River/Cariboo Mountains, South Thompson River (Upgraded)

High Streamflow Advisory – Thompson River, Nicola

ISSUED: 1:00PM June 19, 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 **upgrading** to a **Flood Watch** for:

- **South Thompson River**

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

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

Rivers in the region are flowing very high for this time year and are extremely vulnerable to a heavy rainfall event. An upcoming major concern is the weather forecast for a potential long-lasting rain event in the headwaters of the South Thompson, North Thompson and Cariboo Mountains beginning late Tuesday through Wednesday. Uncertainty remains high for rainfall totals and spatial extent. If widespread heavy rainfall occurs, rivers will reach the highest level of the season and it's possible for significant flooding to occur.

A summary of river conditions as of noon Sunday June 19th:

- North Thompson River at McLure (Water Survey of Canada Gauge 08LB064) is currently flowing at 1940 m³/s (between a 2-year and 5-year flow) and receding slowly. Today's CLEVER model forecast predicts the river could reach above 2500 m³/s (between 20-year and 50-year flow) later this week due to rainfall.
- Shuswap River near Enderby (08LC002) is flowing at 450 m³/s (between a 5-year and 10-year flow). Flows are forecast to rise again this upcoming week with additional precipitation.

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- South Thompson River at Chase (08LE031) is flowing at 1180 m³/s (just passing a 5-year return period flow) and continuing to rise at approximately 25-35 m³/s per day. Additional precipitation in the upcoming week could continue to increase flows past 1300 m³/s (10-year return period flow).
- Thompson River near Spence Bridge (08LF051) is flowing at 3150 m³/s (between a 2-year and 5-year flow) and has been rising gradually over the past two days. Additional modest rises are forecast over the weekend. The river is forecast to remain level before possibly rising based on the upcoming potential rainfall in the headwaters of the North Thompson and South Thompson Rivers.
- Quesnel River at Likely (08KH001) is flowing at 538 m³/s (between a 10-year and 20-year flow) and rising between 5-10 m³/s per day. The upcoming forecast shows the possibility of rising to between a 20-year and 50-year flow or higher depending on rainfall totals.

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.