

Ministry of Water, Land and Resource Stewardship

High Streamflow Advisory – BC Interior

Issued: 3:00 PM June 11, 2025

The River Forecast Centre is **issuing** a High Streamflow Advisory for the BC Interior including:

- Stikine River and tributaries
- Skeena-Nass Rivers and tributaries
- Omineca Region including areas around Germansen Landing, Mackenzie and surrounding areas
- Northern Rocky Mountains
- Peace Region including areas around Hudson's Hope, Chetwynd, Tumbler Ridge, Dawson Creek, Fort St. John and surrounding areas
- Upper Fraser River and tributaries
- Upper Columbia River and tributaries
- West Kootenay

Weather Synopsis:

A high-pressure ridge that has dominated the provincial weather pattern over the past several days is expected to weaken on Wednesday. From Thursday through Sunday, low-pressure off Alaska and BC coast is expected to lead to wrap-around rainfall across the BC interior. Weather modelling is consistent with the weather pattern, however, there remains uncertainty over the amounts of rainfall that is expected over the Thursday to Sunday period. High-end scenarios are indicating the potential for localized rainfall amounts reaching or exceeding the 80-120mm range, with enhancement of rainfall anticipated in upslope areas (e.g. east-facing slopes in mountainous terrain). Current weather forecasts have the heaviest rainfall focused on the Peace region, with a band of moderate to heavy rainfall extending from Tumbler Ridge and Hudson Hope northwest across the Rocky Mountains, into the Omineca Mountains (including areas around Mackenzie and Germansen Landing) and into the Skeena, Nass and Stikine headwaters. Adjacent areas, including the Upper Fraser and Upper Columbia, may also experience moderate to heavy rainfall.

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River Conditions:

Rivers are expected to rise rapidly on Thursday and Friday in response to rainfall, with high flows potentially extending through to Sunday. Areas with high elevation snowpacks remaining, in particular the Upper Fraser and Upper Columbia, are entering into this window of time with high flows due to the recent hot weather and elevated snowmelt rates. Rivers with flows that are already bolstered by snowmelt may experience amplified flow responses to the upcoming rainfall, even outside of the areas receiving the highest rainfall totals.

Current hydrologic modelling is indicating the possibility of flows reaching or exceeding the 5-year to 20-year return period range in areas receiving the highest rainfall totals. Uncertainty remains high for rainfall amounts from now through the weekend. If rainfall amounts reach the high-end scenario of current weather modelling, then flows in the 5- to 20-year return period range or potentially even higher may result.

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

For information on how to prepare for flood hazards, visit [PreparedBC](#).

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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. Fast-flowing bodies of water increase risk to life safety. 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.