

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

Flood Warning – Coquihalla River

Flood Watch – Sea-to-Sky (NEW), North Shore (NEW), Howe Sound (NEW), Fraser Valley, Fraser Canyon, Chilliwack River

High Streamflow Advisory – South Coast

UPDATE: 8:30AM November 15, 2021

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

- **Coquihalla River**

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

- **Sea-to-Sky (UPGRADED)**
- **Howe Sound (UPGRADED)**
- **North Shore Mountains (UPGRADED)**
- **Fraser Valley including surrounding tributaries**
- **Fraser Canyon tributaries, including tributaries around Hope**
- **Chilliwack River**

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

- **Sunshine Coast**
- **Metro Vancouver**

A significant atmospheric river has made landfall across southern coastal regions of British Columbia. Observed rainfall amounts since yesterday have been in the 100-140mm range through Howe Sound, North Shore Mountains, and Sunshine Coast; 90-160mm in the Fraser Valley – East, Fraser Canyon and areas around Hope and Harrison Lake.

Environment and Climate Change Canada have continued rainfall warnings in effect across the region. Rainfall is expected to taper off by Monday afternoon, with additional amounts of around 50mm expected through the eastern Fraser Valley, and 30-40mm in other areas.

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Temperatures have been rising, with temperatures in the 5-7°C range being observed at automated snow weather stations across the region. Snowmelt is being observed at mid-elevations and is expected to add additional runoff to rivers.

Rivers have risen rapidly from rainfall since yesterday. Current conditions include:

- Chilliwack River above Slesse Creek (08MH103) have reached 375 m³/s (approaching a 20-year flow). Additional increases are possible through the day on Monday
- Chilliwack River at Vedder Crossing (08MH001) reached a high of approximately 490 m³/s overnight and has dropped through Monday morning
- Coquihalla River above Alexandra Creek (08MF068) is flowing at approximately 550 m³/s (between a 10-year and 20-year flow) and has leveled over the past few hours. Additional rises are possible through the day on Monday
- Stawamus River at Highway 99 (08GA076) is flowing at 85 m³/s (between a 2-year and 5-year flow) and rising at approximately 15 m³/s per hour

Rivers through the region are expected to remain high through Monday morning, with improvements expected Monday afternoon as rainfall eases.

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.