

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

## High Streamflow Advisory – South East

ISSUED: 15:00 PM November 27, 2021

The River Forecast Centre is **issuing a High Streamflow Advisory** for streams in southeast BC including:

- **Elk River and tributaries**
- **Duncan River and tributaries**
- **St Mary River and tributaries**

A second in a series of atmospheric rivers is impacting the British Columbia Coast through the weekend. Rainfall is expected to be heavy on the South Coast, with the potential for spillover of moist air across the Cascade and Coast Mountains and into Interior watersheds. Warming is also expected to contribute to snowmelt at mid-elevations and rain-on-snow runoff. A second weather system is forecast to hit the coast and travel east into the interior beginning on Tuesday, Nov 30<sup>th</sup> and into Wednesday, Dec 1<sup>st</sup>. This second system has the potential for more precipitation within the southeast interior than the first; more certainty is possible as we draw closer to the event. Both events are relatively warm storms; however, precipitation at high elevation will fall as snow. Thus, the most impacted streams will be watersheds at low to mid elevations.

River levels are expected to rise Sunday into Monday, with the potential for second peaks into later next week (Wed-Thursday) as the second system drops precipitation on the southern interior.

The public is advised to stay clear of the fast-flowing rivers and potentially unstable riverbanks during the high-streamflow period.

Details of the COFFEE and CLEVER Model forecasts can be found at:

[http://bcrfc.env.gov.bc.ca/fallfloods/map\\_coffee.html](http://bcrfc.env.gov.bc.ca/fallfloods/map_coffee.html), and

[http://bcrfc.env.gov.bc.ca/freshet/map\\_clever.html](http://bcrfc.env.gov.bc.ca/freshet/map_clever.html)

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

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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.