

BC Environment

River Forecast Centre

UPDATE - Flood Watch: Howe Sound 28Sep2010 5:15PM

The BC River Forecast Centre is maintaining the Flood Watch for Howe Sound.

Rainfall totals in the headwaters of the Elaho, Cheakamus and Squamish Rivers totalled 15-40 mm Monday night, and the rivers rose rapidly in response. Precipitation in the area has ceased as of the time of this update.

The Elaho River (WSC 08GA071) peaked at 3AM just above a 2-year return period of $691 \text{ m}^3\text{s}^{-1}$, and has fallen to $329 \text{ m}^3\text{s}^{-1}$ as of 4PM, well below levels of concern.

The Squamish River at Brackendale (WSC 08GA022) peaked at 12PM at a flow of $1647 \text{ m}^3\text{s}^{-1}$, above a 2-year return period flow of $1310 \text{ m}^3\text{s}^{-1}$. It has now dropped to $1448 \text{ m}^3\text{s}^{-1}$ as of 5PM, and is forecast to continue to recede throughout tonight.

The River Forecast Centre will provide an update Wednesday morning.

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.