

Ministry of Forests, Lands and Natural Resource Operations

BC River Forecast Centre (<http://bcrfc.env.gov.bc.ca/>)

UPDATE: 27November2011 8:20AM

UPGRADED - Flood Watch:

- **Oyster River**
- **Tsolum River**

Flood Watch:

- **North Vancouver Island**
- **West Vancouver Island**

High Streamflow Advisory:

- **East Vancouver Island**
- **South Vancouver Island**

ENDED – Flood Warning :

- **Zeballos River**

The BC River Forecast Centre is **upgrading** the advisory to a **Flood Watch** for the Oyster River and Tsolum River. The **Flood Watch** is being **maintained** for north Vancouver Island (north of Campbell River) and west Vancouver Island (including areas around Bamfield, Tofino, Gold River, and north of Zeballos). The River Forecast Centre is **maintaining** the **High Streamflow Advisory** for east Vancouver Island and south Vancouver Island (including areas from Campbell River south to Duncan). The **Flood Warning** for the Zeballos River has **ended**.

Heavy rainfall has occurred over much of Vancouver Island over the past day, with 24 hour precipitation totals ranging from 50 to over 200 mm. The heaviest rainfall was on the west coast and north Vancouver Island.

The Zeballos River peaked late last night at a 20-year flow. Rain has eased on the north and west Coast, and rivers are now receding.

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.

Ministry of Forests, Lands and Natural Resource Operations BC River Forecast Centre (<http://bcrfc.env.gov.bc.ca/>)

On eastern Vancouver Island, heavy precipitation overnight has led to rapid river level rises this morning. Currently the Tsolum River near Courtenay (WSC 08HB011) is at a 2-year flow of 185 m³/s, and rising at 20 cm/hour. The Oyster River below Woodhus Creek (08HD011) is currently at a 2-year flow of 247 m³/s and rising at 13 cm/hour. Both rivers may reach flood stage later this morning. Other rivers along northern East Vancouver Island are rising, but are currently below levels of concern. Rivers are expected to peak later this morning.

For the lower reaches on tidally influenced rivers, periods of very high tides (enhanced storm surges) are expected on Sunday which may exacerbate flood levels through the morning. Fisheries and Oceans Canada and the BC Ministry of Environment are forecasting sea levels to peak in Victoria at 1:00pm on Sunday. At Point Atkinson peak sea levels are forecast for 8:00am on Sunday (http://www.pac.dfo-mpo.gc.ca/sci/juandefuca/storm_surge/storm_surge.htm)

The River Forecast Centre will continue to monitor 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.