

BC Environment

River Forecast Centre

Flood Information Update

Issued: 07 June 2007 9:00 PM

Major changes since previous report:

- Favourable weather today (light and scattered rain, and generally below normal temperatures) has allowed rivers to peak or begin to recede
- Skeena River at Usk appears to have begun to recede from its peak water level;
- No change in Warnings, Watches or Advisories

Skeena River at Usk (near Terrace): Current discharge is near 7,600 cubic metres per second (m^3/s). Appears to have started slight recession (14 cm) since noon. The current discharge is the second largest flow measured in the past 75 years, with the 1948 flow of 9,340 m^3/s being the largest. A **Flood Warning** remains in place.

Nass River above Shumal Creek: After rising overnight, has now flattened. No change in water level since noon. It is still 30 cm below its peak water level of Tuesday. A **Flood Warning** remains in place

Bulkley River at Quick: Water level appears to be flat, near a record discharge of approximately 1,000 m^3/s (Note: the water level is very erratic as a result of a physical problem at the gauge site caused by the high flows, and there is difficulty in having confidence in the reported data). This is the largest flow recorded in the past 79+ years. The Bulkley valley received 20-30 mm of rain on Wednesday, maintaining the ongoing high flow on the Bulkley River. A **Flood Warning** remains in place.

Bulkley River near Houston (MoE water level gauge): Has risen 13 cm from midnight to 6 PM.

Telkwa River (MoE water level gauge): Following the rain in the valley yesterday and overnight, the Telkwa River rose overnight and peaked near 7 AM. From 5 AM to 7 PM it has receded 17 cm. A **Flood Warning** remains in place

Liard River at Lower Crossing: Current water level is 14.2 m, rising at a steady 2 cm/hour. This is near or above a 15-year return period water level. A **Flood Warning** remains in place

Fraser River at South Fort George: Current water level is 9.82 metres, and rising slowly. It has almost peaked. This is the second highest water level recorded at this gauge, below the record of about 10.4 m. It will stay near this level into the weekend, and then should begin to recede slowly into next week. A **Flood Warning** remains in place

Fraser River at Shelley (immediately upstream of Prince George): Current discharge is 4,450 m^3/s , and rising slowly. This is near a 25-year return period discharge. It is anticipated to peak today. It will stay near its peak on Friday and into the weekend, and then will begin to slowly recede by the end of the weekend. A **Flood Warning** remains in place

Fraser River at McBride: Current discharge is 1250 m^3/s . It appears to have peaked at noon, and is holding steady at its peak level. It is at a 25-year return period discharge. It will stay near its peak water level tomorrow and into the weekend. A **Flood Warning** remains in place

Nechako River at Vanderhoof: Current discharge is 495 m^3/s , and rising. It has been fluctuating in a range of 450-520 m^3/s for the past month. A **High Streamflow Advisory** remains in place

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.

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Nechako River at Isle Pierre: Current discharge is 780 m³/s, and rising. Snowmelt water from the Stuart-Takla basin is now causing the Nechako at Isle Pierre to rise. It is rising at about 5 cm/day at the gauge location. A [High Streamflow Advisory](#) remains in place.

North Thompson River: The gauge at McLure has remained at its peak discharge of 2,230 m³/s for the past 22 hours. This is near a 10-year return period discharge. The gauge further upstream at Birch Island has also peaked, at 850 m³/s (also a 10-year discharge). The North Thompson River will maintain near this peak level through tomorrow before beginning a slow recession. A [High Streamflow Advisory](#) remains in place.

Thompson River near Spences Bridge: Current discharge is 2,750 m³/s (2-year return period) and rising.

Fraser River above Texas Creek (near Lillooet): Current discharge is 6,830 m³/s, and rising. This is a 10-year return period discharge.

Fraser River at Hope: Current discharge is 10,500 m³/s, and rising slowly. A [High Streamflow Advisory](#) remains in place.

Fraser River at Mission: Current water level is 5.74 m, and rising slowly. A [High Streamflow Advisory](#) remains in place. Following the low peak in the North Thompson basin overnight, the Fraser River at Mission is now anticipated to peak in the mid-6 metre range (and well below 7 metres), by Saturday – Monday.

Kicking Horse River near Golden: Has remained at its current discharge of 300 m³/s for the past 20 hours. This is near a 10-year return period discharge. A [High Streamflow Advisory](#) remains in place.

Illecillewaet River at Greeley: Current discharge is 220 m³/s, receding from its peak of 360 m³/s. A [High Streamflow Advisory](#) will remain in place until there is a clearer picture of potential rainfall in the Columbia over the next few days.

Slocan River near Crescent Valley: Current discharge is 420 m³/s (2-year return period flow), receding from a peak of 503 m³/s early yesterday. Yesterday's peak followed ongoing snowmelt, and a brief period of convective rain on Tuesday. A [High Streamflow Advisory](#) will remain in place until there is a clearer picture of potential rainfall in the Kootenay over the next few days.

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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.