

BC Environment

River Forecast Centre

Flood Information Update

Issued: 11 June 2007 7:00 AM

Major changes since yesterday:

- Only light and scattered rain recorded in the Lower Fraser valley, and throughout the interior, including the Skeena & Bulkley
- The Fraser River in the Lower Mainland is now at its peak from this event (near 11,000 m³/s at Hope, and 6.01 m at Mission).
- Skeena River and Nass River have both begun to rise again overnight.
- The Bulkley River at Smithers continues to recede slowly. Of the NW flood rivers, it remains as the location still well above flood stage.
- The Nechako River at Vanderhoof continues to rise steadily. It is currently at its highest water level of the spring. Alcan has increased releases from the Skins Lake Spillway, and water levels at Vanderhoof will now increase for the next week or two.
- Changes in advisories:
 - o A Flood Watch was added yesterday for the Moberly and Finlay Rivers in the Peace.
 - o Skeena and Nass advisories downgraded to Flood Watch yesterday.
 - o Kicking Horse advisory downgraded to Flood Watch yesterday.
 - o Upper Fraser advisory downgraded to High Streamflow Advisory yesterday.
 - o North Thompson advisory ended yesterday
 - o Nechako River advisory is being upgraded to a Flood Watch

Skeena River at Usk (near Terrace): After receding more than 3 metres in water level from its Thursday peak, the Skeena began to rise again later yesterday, and has risen 23 cm overnight. Because there is substantial snow still remaining in the watershed, there is potential to get another high flow on the Skeena, depending on weather over the next two weeks. A **Flood Watch** remains in place.

Nass River above Shumal Creek: After receding 1.8 metres from its Tuesday peak, the Nass River began to rise again late yesterday, and has risen 30 cm overnight. Because there is substantial snow still remaining in the watershed, there is potential to get another high flow on the Skeena, depending on weather over the next two weeks. A **Flood Watch** remains in place.

Bulkley River at Quick: The Bulkley continued to recede slowly overnight. It is receding at a rate of 1 cm every 3 hours. The Bulkley River remains above flood stage. Heavy snow remains in the Morice and Telkwa drainages, which contribute to the flow at Smithers, and there is potential to get another high flow on the Bulkley at Smithers, depending on weather. A **Flood Warning** remains in place.

Bulkley River near Houston (MoE water level gauge): Continues to recede.

Telkwa River (MoE water level gauge): The water level has dropped about 8 cm overnight. A **Flood Warning** remains in place, but this may be downgraded today.

Liard River at Lower Crossing: Has dropped to 14.2 metres, after peaking at 15.25 metres late Saturday. A **Flood Warning** remains in place.

Fraser River at South Fort George: Current water level has now fallen to 9.13 metres, and it continues to recede steadily. 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 Vanderhoof: Current discharge is 545 m³/s, and rising slowly. It is currently at its highest water level of the spring. The water level rose 15 cm over the weekend. Alcan has increased the released from the Skins Lake Spillway. As a result, the discharge at Vanderhoof is anticipated to reach 650 m³/s, which result in a further 40-50 cm increase in water level at Vanderhoof. The **High Streamflow Advisory** is being upgraded to a **Flood Watch**.

Nechako River at Isle Pierre: Current discharge is 850 m³/s, and rising slowly. The water level continues to rise at about 5 cm/day at the gauge location, as a result of the increased releases from Skins Lake. A **High Streamflow Advisory** is being upgraded to a **Flood Watch**.

Fraser River at Hope: Current discharge is 10,900 m³/s, and plateaued. A **High Streamflow Advisory** remains in place.

Fraser River at Mission: Current water level is 6.01 m, and nearly plateaued. A **High Streamflow Advisory** remains in place.

Columbia River at Donald: Has begun a slight recession, at a rate of about 1 cm every 6 hours. A **Flood Warning** remains in place.

Moberly River: Peaked at a discharge of 120 m³/s (40-year return period) over the weekend, and appears to have fallen very slightly to 116 m³/s this morning. A **Flood Watch** remains in place.

Finlay River: Is at a discharge of 2300 m³/s (>50-year return period), and receding slowly. A **Flood Watch** remains in place.

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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.