

BC Environment

River Forecast Centre

Flood Information Update

Issued: 10 June 2007 7:30 AM

Major changes since yesterday:

- Up to 10 mm of rain recorded in the Lower Fraser valley, and only light rain (<5 mm) in the interior, including the Skeena & Bulkley
- All rivers have now peaked, and most are receding.
- The Fraser River in the Lower Mainland is now at its peak from this event (near 11,000 m³/s at Hope, and 5.96 m at Mission).
- Skeena River and Nass River have both dropped substantially.
- The Bulkley River at Smithers continues to recede slowly, and has about 30 cm from its peak. 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.
- Changes in advisories:
 - o A Flood Watch was added yesterday for the Moberly and Finlay Rivers in the Peace.
 - o Anticipating downgrading Skeena and Nass advisories today
 - o Anticipating downgrading Kicking Horse advisory today
 - o Anticipating downgrading the Upper Fraser advisories today

Skeena River at Usk (near Terrace): The Skeena has receded very quickly from its Thursday peak quickly. Its current discharge is 5,300 m³/s. This is near a 3 year return period. At this rate of recession, it may fall below flood stage by Monday. Because there is substantial snow still remaining in the watershed, it may rise again, depending on weather over the next two weeks. A **Flood Warning** remains in place, but this will likely be downgraded this morning.

Nass River above Shumal Creek: The Nass is receding quickly. Its current discharge is 4,300 m³/s. This is near a 5 year return period. It remains above flood stage. At this rate of recession, it may fall below flood stage by Monday. A **Flood Warning** remains in place, but this will likely be downgraded this morning.

Bulkley River at Quick: The Bulkley continued to recede overnight, dropping 9 cm from 5PM yesterday, and currently dropping at about 0.7 cm/hr. The Bulkley River will remain above flood stage through the weekend. The basin received light rain yesterday (5 mm) with potentially some additional rain today. 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 remained level overnight, possibly reflecting yesterday's rain. A **Flood Warning** remains in place.

Liard River at Lower Crossing: Has dropped to 15.0 metres, after peaking at 15.25 metres overnight. A **Flood Warning** remains in place

Fraser River at South Fort George: Current water level has now fallen to 9.43 metres. A **Flood Warning** remains in place, but this may be downgraded today.

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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Fraser River at McBride: It is now actively receding from its peak. It is at a discharge of 960 m³/s (near a 3-year return period). A **Flood Warning** remains in place, but this will be downgraded today.

Nechako River at Vanderhoof: Current discharge is 533 m³/s, and rising slowly. It is currently at its highest water level of the spring. The water level rose 2 cm overnight. A **High Streamflow Advisory** remains in place.

Nechako River at Isle Pierre: Current discharge is 840 m³/s, and rising slowly. The water level continues to rise at about 5 cm/day at the gauge location. A **High Streamflow Advisory** remains in place.

North Thompson River: The gauge at McLure is receding. Discharge has dropped to 2,000 m³/s (near 4-year return period level). Its water level has dropped 0.35 metres from its peak. The North Thompson River will recede through the weekend. A **High Streamflow Advisory** remains in place.

Thompson River near Spences Bridge: Current discharge is near 2,930 m³/s (2-year return period) and has plateaued.

Fraser River above Texas Creek (near Lillooet): Current discharge is 7,000 m³/s, and plateaued. This is a 10-year return period discharge.

Fraser River at Hope: Current discharge is 10,800 m³/s, and nearly plateaued. A **High Streamflow Advisory** remains in place.

Fraser River at Mission: Current water level is 5.96 m, and nearly plateaued. A **High Streamflow Advisory** remains in place.

Kicking Horse River near Golden: Has receded to 220 m³/s from a peak of 300 m³/s. The water level at then gauge has dropped 30 cm. The current discharge is near a 2-year return period discharge. A **High Streamflow Advisory** remains in place, but will likely be dropped in the morning.

Columbia River at Donald: Remains near its peak discharge of 880 m³/s, and has just begun a slight recession. A **Flood Warning** remains in place.

Moberly River: Peaked at a discharge of 120 m³/s (40-year return period), and appears to have fallen very slightly to 117 m³/s this morning. A **Flood Watch** remains in place.

Finlay River: Is at a discharge of 2500 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.