

BC Environment

River Forecast Centre

Flood Information Update

Issued: 08June2007 7:00AM

Major changes since Thursday:

- Almost no rain recorded in past 24 hours in major basins of flood concern, with below normal temperatures. Has slowed snowmelt and allowed rivers to peak or begin to recede
- Skeena River at Usk has begun slight recession from its peak water level; The Bulkley River at Smithers remains at its peak level.
- High Streamflow Advisories on the Slocan River and Illecillewaet River are being ended this morning

Skeena River at Usk (near Terrace): Current discharge is near 7,500 cubic metres per second (m^3/s). The Skeena has started to recede, with a drop of 30 cm from noon yesterday to early this morning. It remains well above flood stage and will do so through the weekend and into next week. It may rise again, depending on weather over the next two weeks. A **Flood Warning** remains in place.

Nass River above Shumal Creek: The Nass has shown a small recession (about 11 cm) from noon yesterday to this morning. It is about 40 cm below its peak water level of Tuesday. It remains well above flood stage and will do so through the weekend and into next week. A **Flood Warning** remains in place.

Bulkley River at Quick: Because of a problem with the stream gauge, it is difficult to get an accurate assessment of water level. That said, it appears the Bulkley at Quick has remain steady, near it high flood level, or may even have risen slightly overnight. The discharge is above $1,000 \text{ m}^3/\text{s}$. This is the largest flow recorded in the past 79+ years. The Bulkley River will remain well above flood stage through the weekend and into next week. A **Flood Warning** remains in place.

Bulkley River near Houston (MoE water level gauge): After rising 13 cm yesterday, it's water level has remained flat with no evident change.

Telkwa River (MoE water level gauge): Following Wednesday's rain, the Telkwa River rose overnight and peaked near 7AM. From yesterday morning to this morning it has receded very slowly (about 19 cm). This slow recession reflects on the ongoing snowmelt in the basin. A **Flood Warning** remains in place.

Liard River at Lower Crossing: Current water level is 14.7 m, an increase of about 50 cm from yesterday. The rate of rise has slowed considerably (to about 1 cm/hr, and tapering off), indicating it will peak late today or early tomorrow. This is near a 20-year return period water level. A **Flood Warning** remains in place

Fraser River at South Fort George: Current water level is 9.85 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 $4,480 \text{ m}^3/\text{s}$, and rising slowly. This is near a 25-year return period discharge. It is anticipated to peak today. It will stay nears its peak through the weekend, and then may begin to slowly recede by the end of the weekend. A **Flood Warning** 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.

BC Environment

River Forecast Centre

Fraser River at McBride: Current discharge is 1200 m³/s (this is a 25-year return period discharge). It peaked at noon yesterday, and is now beginning a slow recession. The water level has dropped slightly (11 cm) from noon yesterday to this morning. It will stay well above flood stage through the weekend and into next week. A **Flood Warning** remains in place

Nechako River at Vanderhoof: Current discharge is 500 m³/s, and rising. It has been fluctuating in a range of 450-520 m³/s for the past month. The water level at Vanderhoof has increased about 8 cm since yesterday. A **High Streamflow Advisory** remains in place

Nechako River at Isle Pierre: Current discharge is 795 m³/s, and rising. Snowmelt water from the Stuart-Takla basin is now causing the Nechako at Isle Pierre to rise. The water level continues to rise at about 5-7 cm/day at the gauge location. A **High Streamflow Advisory** remains in place

North Thompson River: The gauge at McLure has remained near its peak discharge of 2,230 m³/s for the past 30 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 into the weekend, before beginning a slow recession. A **High Streamflow Advisory** remains in place.

Thompson River near Spences Bridge: Current discharge is near 2,800 m³/s (2-year return period) and rising.

Fraser River above Texas Creek (near Lillooet): Current discharge is 6,950 m³/s, and rising. This is a 10-year return period discharge.

Fraser River at Hope: Current discharge is 10,600 m³/s, and nearly plateaued. A **High Streamflow Advisory** remains in place.

Fraser River at Mission: Current water level is 5.85 m, and rising slowly. A **High Streamflow Advisory** remains in place.

Kicking Horse River near Golden: Has receded to 260 m³/s from a peak of 300 m³/s. The water level at then gauge has dropped 20 cm. The current discharge is near a 4-year return period discharge. A **High Streamflow Advisory** remains in place.

Columbia River at Donald: Has remained at its peak discharge of 880 m³/s since 9PM yesterday. A **Flood Warning** remains in place.

Illecillewaet River at Greeley: Current discharge is 205 m³/s, receding from its peak of 360 m³/s, with a drop in water level at the gauge of 55 cm.. The **High Streamflow Advisory will be ended** this morning.

Slocan River near Crescent Valley: Continues a steady recession. The current discharge is 400 m³/s (2-year return period flow), receding from a peak of 503 m³/s early yesterday. The **High Streamflow Advisory will be ended** this 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.