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

UPDATE- Provincial Flood Forecast – Update on Warnings, Watches, Advisories
Issued: 23June2012 4:20PM

The following changes have been made to the provincial flood watches as of 23June2012 @ 4:20PM:

- **Okanagan – Flood Watch (UPGRADED)**
- **Kootenay – Flood Watch (UPGRADED)**

The following is the status of provincial flood watches, warnings and advisories remains the same as issued on 23June2012 @ 12:20PM:

NORTH INTERIOR (Skeena, Omineca, Peace)

- **Bulkley-Skeena – Flood Watch**
- **Quesnel River – Flood Watch**
- **Fraser River (at Prince George and upstream, and downstream from Quesnel to Fraser Canyon) – Flood Watch**
- **Nechako River near Prince George – High Streamflow Advisory**

SOUTH INTERIOR (Cariboo, Thompson, Okanagan, Kootenay)

- **South Thompson River and Shuswap Lake – Flood Warning**
- **Thompson River (including Kamloops area and Kamloops Lake)- Flood Watch**
- **Shuswap River downstream of Mabel Lake (near Enderby) – Flood Watch**
- **North Thompson River and tributaries – High Streamflow Advisory**
- **Chilcotin – High Streamflow Advisory**

COAST

- **Bella Coola River – Flood Watch**

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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Rivers have been responding to rapid snowmelt and wet conditions over the past 2-3 weeks. Warmer weather over the past 2 days has led to a rapid rise in snowmelt rates through most of the province where snowpacks remain. A low pressure system off Washington is now bringing warm and wet weather across British Columbia. The heaviest rainfall, including localized thunderstorms, is currently expected in the Kootenay, Okanagan, Monashee, Cariboo, and Chilcotin, with moderate rainfall forecast elsewhere. A summary of current conditions:

- Fraser River at South Fort George (08KE018) has dropped from a peak of 10.02 m on Wednesday to 9.1 m this morning. The river is expected to stop dropping today. Additional rises are expected later on in the weekend and into next week in response to rapid snowmelt over the past 2 days, and the rainfall forecast for the weekend. The amount of additional rise will depend on the amount of rain over the weekend. The river may return to flood stage. Current modelling suggests that the river may rise to the 9.4-10.0 m level by early next week.
- The Bulkley River at Smithers (08EE005) is currently at a level of 4.85 m with flows of 800 m^3/s, and has risen approximately 20 cm since Thursday. Additional rises of 10-40 cm are expected through Monday.
- The Skeena River at Usk (08EF001) is currently at 5100 m^3/s (2-year flow) and has risen nearly 1000 m^3/s (or 1 metre) since Thursday. Additional rises of 1000 m^3/s (1.0 m) or more are expected through Monday or Tuesday.
- Shuswap Lake at Salmon Arm (08LE070) is at 349.12 m (15-year level) and rising at 3 cm/day. The rate of rise increased slightly from yesterday due to rapid snowmelt over the past 2 days. With current rain forecasts, additional rises of 10-25 cm are expected through the early part of next week.
- South Thompson River at Chase (08LE031) is at 1315 m^3/s (15-year flow). The river is expected to see additional rises due to rainfall over the weekend. The amount and rate of rise and ultimate peak level will depend on the how much rain occurs.
- The Bella Coola River at Hammer Creek (08FB011) is currently at 4.20 m, and expected to see rises up to 1.5 m through Sunday-Monday

NEW AS OF 23June2012, 4:20PM:

- Redfish Creek near Harrop (08NJ061) is currently at 14 m^3/s (20-50 year flow). Additional rises are expected through tomorrow.
- Slocan River near Crescent Valley (08NJ013) is currently at 530 m^3/s (5 year flow). Additional rises are expected through tomorrow.

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- Mission Creek near East Kelowna (08NM116) is currently at 70 m^3/s (5-year flow). Additional rises are expected through tomorrow.

Conditions in the Lower Fraser River are provided in a separate advisory.

The River Forecast Centre will continue to monitor conditions and will provide updates as conditions warrant.

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