

Ministry of Forests, Lands and Natural Resource Operations

BC River Forecast Centre

Flood Watch – Mission Creek

Issued: 8Jun2011 7:30 AM

The BC River Forecast Centre is **issuing a Flood Watch** for:

- Mission Creek near East Kelowna

River levels at the Water Survey of Canada gauge on Mission Creek near East Kelowna (08NM116) have been rising over the past 4 days in response to rapid snowmelt due to the hot temperatures throughout the region. The Mission Creek Automated Snow Pillow has been reporting a daily loss of snow water equivalent of 20-25 mm over the past several days.

Heavy precipitation on Tuesday occurred through the region, with rainfall rates in the 15-20mm range recorded at higher terrain through the Okanagan. Mission Creek began rising sharply late Tuesday in response to this added rainfall. Current river level at the Water Survey of Canada gauge on Mission Creek near East Kelowna (08NM116) is at 1.87m, and has been rising at approximately 3 cm/hour. Current discharge 65 m³/s, and has risen from 45 m³/s yesterday. The current rate of rise is expected to continue through Wednesday, with a peak in levels expected late in the day on Wednesday.

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

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.