

# BC Environment

## River Forecast Centre

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### Flood Watch: Stikine River (at Telegraph Creek)

**Issued: 05June2009 11:30AM**

The BC River Forecast Centre is issuing **Flood Watch** for the Stikine River (at Telegraph Creek), and other rivers and streams in the Stikine basin.

Temperatures in the Stikine have been at record or near record levels for the past three days. Continued hot weather is expected for today and Saturday, before cooling to near seasonal normals by Sunday and Monday. Rain is possible in the Stikine basin by Monday.

The Stikine River at Telegraph Creek has been rising steadily the last 3 days. Its current discharge is 2,500 cubic metres per second ( $\text{m}^3/\text{s}$ ), above the 2-year return period discharge of 2,300  $\text{m}^3/\text{s}$ . The water level has been rising at 2.5 cm/hr for the past 48 hours (1.3 metres over 2 days). The water level is anticipated to rise another 1.5-2.0 metres, to a discharge near 3,500  $\text{m}^3/\text{s}$ , before peaking next Monday-Wednesday. There is some uncertainty in this, resulting from the potential for rainfall on Monday. As a reference, the peak discharge during the June 2007 flood event was 3,860  $\text{m}^3/\text{s}$ .

The River Forecast Centre will provide an update as conditions warrant.

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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.