

# BC Environment

## River Forecast Centre

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### Flood Watch Ended: 15Dec2006 9:30 AM

A **Flood Watch** is being downgraded to a **High Streamflow Advisory** for the following river(s):

- Cowichan

A **High Streamflow Advisory** is being maintained for the following river(s):

- Chemainus
- Englishman

The **High Streamflow Advisory** for remaining rivers on **East Vancouver Island** has been **ended**.

Precipitation from the latest storm system peaked on most areas of Vancouver Island last night between 8PM and midnight. Precipitation amounts were highest in the south, with 60 mm recorded in the last 24 hours at both the Jump Creek snow pillow (upper Nanaimo River) and the Mesachie 2 Fire Weather Station (Cowichan River drainage); precipitation amounts decreased further north with 36 mm recorded in the last 24 hours at the Wolf River snow pillow (Upper Campbell Lake). In addition the freezing level did not rise as high as anticipated, with most precipitation falling as snow, particularly in the drainages affecting the Nanaimo - Comox - Campbell River areas.

The Cowichan River appears to have peaked below flood level at around 6:30AM this morning whereas the Chemainus and Englishman rivers are expected to peak later this morning, also at well below flood levels. The remaining rivers on east Vancouver Island showed very little or negligible streamflow change in response to the latest storm, mainly due to smaller precipitation amounts which fell mostly as snow, and continue to recede from the December 14th peak.

The River Forecast Centre will monitor and provide an update by 3PM this afternoon.

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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.