

## Update: Flood warning – Lake Laberge

August 2, 2021 at 10 a.m.

### A flood warning is being maintained for:

- Lake Laberge

Water levels on Lake Laberge are currently 13 centimetres above 2007 levels and 31 centimeters lower than the July 16 peak.

Flow in the Takhini River has been decreasing steadily since July 4. Flow in the Yukon River through Whitehorse has been decreasing since July 11, as levels on the Southern Lakes have decreased.

Rain is forecast for Southern Yukon over the next 48 hours. Weather models predict a total rainfall of less than 10 mm on average for the Southern Lakes and Kusawa Lake/Takhini River Basins, with local amounts in excess of 30 mm possible. Water levels may rise in response to the rain, but increases are not expected to be significant.

While no water level forecasts are available for Lake Laberge, peak water levels are expected to be similar to levels forecast for the Southern Lakes. Updated model results for Marsh Lake project a peak water level of close to 20 centimetres above current levels. This assumes average temperatures and precipitation through August. Below and above average rainfall could result in lower and higher water levels.

Rainfall is the greatest source of uncertainty as precipitation timing and severity will likely determine the peak water level in 2021. Dry conditions in June and early July resulted in limited rainfall inputs, which helped to limit water level increases beyond those driven mainly by snow and glacier melt while these were historically high. With inflows to the Southern Lakes currently closer to average, and less than outflows, large rainfall amounts are required to cause significant water level increases.

Flood prone property owners are advised to have a plan in place. See [Yukon.ca](http://Yukon.ca) for more information.

We will continue to monitor conditions and will provide updates as conditions change.

### Advisory and warning levels

**High streamflow or water advisory** means that river or lake levels are rising or expected to rise rapidly, but that no major flooding is expected. Minor flooding in low-lying areas is possible.

**Flood watch** means that river or lake levels are rising and will approach or may exceed bankfull or flood stage. Flooding of areas adjacent to affected rivers and lakes may occur.

**Flood warning** means that river or lake levels have exceeded or will exceed bankfull or flood stage imminently, and that flooding of areas adjacent to the rivers and lakes affected will result.

### Contact

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