

## High water advisory

### Southern Lakes

August 17, 2022 12 pm

#### Current conditions

The Southern Lakes including Bennett, Tagish and Marsh Lake are well above average for this time of year and above the 5-year return period water level\* and continuing to respond to precipitation and glacial inputs as is typical for this time of year.

#### Weather forecast

A significant precipitation event is currently affecting the coast mountains in the headwaters of the Southern Lakes. Precipitation totals may be as high as 50 mm in some headwater catchments but will be much lower in the rest of the Southern Lakes Basin. Following this event, slightly above seasonal temperatures and mostly clear weather is forecast through the weekend.

#### Water level forecast




Water levels may rise between 5 and 20 centimetres in response to this precipitation event, depending on how much rain is received, and may exceed the 10-year return period water level. Water Levels are currently well below the peaks of 2007 and 2021 and are not expected to rise to those levels in response to this event.

#### Flood and travel advice

The public is advised to stay clear of the fast-flowing rivers and potentially unstable riverbanks during the high-streamflow period. Flood prone property owners are advised to have a plan in place in the event of a flood. See [Yukon.ca/floods](https://www.yukon.ca/floods) 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:** Lake levels or river flows or levels are rising or expected to rise rapidly, but no major flooding is expected. Minor flooding in low-lying areas is possible.
-  **Flood watch:** River or lake levels are rising and will approach or may exceed banks. Areas beside affected rivers and lakes may flood.
-  **Flood warning:** River or lake levels have exceeded or will exceed banks or flood stage very soon. Areas beside affected rivers and lakes will flood.

#### Contact

**Flood response:** Yukon Emergency Measures Organization, 867-667-5220 or [emo.yukon@yukon.ca](mailto:emo.yukon@yukon.ca)

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\* Return period refers to the expected frequency at which a specific level or flow will be exceeded based on statistical analysis of historic records. For example, the 100-year return period is expected to be exceeded once every 100 years on average, but has a 1% chance of being equalled or exceeded in any year.

