

High streamflow advisory

Liard River and tributaries – Upper Liard

June 1, 2022 1:30 pm

Current conditions

The Liard River and tributaries have been increasing steadily since early May. The rate of rise has increased over the last week as temperatures have risen. The Liard River at Upper Liard is expected to reach the 2-year return period level within the next 48 hours.*

Weather forecast

Daytime highs in the mid-twenties with increasingly warm overnight lows are expected through Saturday for the region. Freezing levels are forecast to stay above 2500-3000 m over the same period. There is a chance of showers overnight Saturday through Sunday.

Water level forecast




Water levels are forecast to rise at an increasing rate in response to snowmelt runoff from the high elevation snowpack. Current hydrologic modelling suggests a transition to higher flood risk over the weekend. This includes the Liard River, the Hyland River, the Frances River, and other tributaries, as well as streams in neighbouring watersheds. Smaller watercourses and road crossings may approach flood levels this weekend.

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 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

* 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.

