

High streamflow advisory

Stewart River - Mayo

June 3, 2022 2 pm

Current conditions

The Stewart River has risen 90 cm in the last three days and is forecast to exceed the 2-year return period water level* within the next 48 hours. Upstream tributaries are continuing to rise in response to recent increases in snowmelt runoff.

Weather forecast

Daytime highs are forecast to remain above 20 degrees with overnight lows slightly above seasonal throughout the next week. Scattered shower activity is expected through the next week for most of central and southern Yukon. Agreement between precipitation models is poor with some favouring no significant totals for the Stewart Basin and others forecasting up to 20mm in some areas.

Water level forecast

The Stewart River at Mayo is expected to continue rising over the next week. Water levels may increase by as much as 75 cm. Groundwater levels immediately adjacent to the river will also increase and contribute to poor drainage of rainfall runoff.

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.

