Flood warning

Pelly River – Ross River

June 6, 2022 1 pm

Current conditions

The Pelly River at Ross River has risen 20 cm in the last 48 hours and is now above the 5-year return period water level* and still rising, although the rate of rise has started to slow. Low lying areas adjacent to the river are currently flooding.

Weather forecast

Daytime highs are forecast to be around 20 degrees with lows in the mid-single digits for the next week. A chance of showers today will clear on Tuesday and showers are forecast to return Thursday.

Water level forecast

Current hydrological modelling suggests that the Pelly River at Ross River will continue to rise with continued snowmelt and rainfall inputs through the week to a peak 60 cm above the current level and close to the 50-year return period water level. There is high uncertainty with this forecast.

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.