

Astronomy North - Northern Community Aurora Forecast

Beta Forecasting Tool | October 1, 2026 | Generated 4:52 PM MDT

Tonight's Forecast

Community	Tonight's Activity	Evening	Overnight
Yellowknife, NT	MODERATE	10%	40%
Inuvik, NT	MODERATE	10%	35%
Fort Smith, NT	MODERATE	10%	35%
Dawson City, YT	MODERATE	10%	40%
Whitehorse, YT	MODERATE	10%	30%
Watson Lake, YT	MODERATE	10%	35%
Iqaluit, NU	MODERATE	10%	35%

About This Forecast

Astronomy North's community-specific aurora forecasts are created using global space weather data provided by the National Oceanic and Atmospheric Administration (NOAA). Forecasters examine global geomagnetic field conditions to estimate the probability of active auroras above each northern community.

The forecast percentages represent the probability of active auroras in the skies above the community. **Evening** refers to the hours before local midnight, while **Overnight** refers to the period from local midnight until sunrise.

Astronomy North's aurora forecast is normally updated daily before 2:00 p.m. Mountain Time and may be updated more frequently when geomagnetic storms are forecast. During this beta period, the design, community calculations and automated features may continue to be adjusted as the new tool is tested.

Astronomy North - 3-Day Community Aurora Forecast

Beta Forecasting Tool | Latest published long-term forecast data

Northwest Territories

Community	Oct 2		Oct 3		Oct 4	
	Evening	Overnight	Evening	Overnight	Evening	Overnight
Yellowknife, NT	10%	35%	30%	65%	40%	70%
Inuvik, NT	10%	30%	30%	60%	40%	65%
Fort Smith, NT	10%	30%	30%	60%	40%	65%

Yukon

Community	Oct 2		Oct 3		Oct 4	
	Evening	Overnight	Evening	Overnight	Evening	Overnight
Dawson City, YT	10%	35%	30%	65%	40%	70%
Whitehorse, YT	10%	25%	30%	55%	40%	60%
Watson Lake, YT	10%	30%	30%	60%	40%	65%

Nunavut

Community	Oct 2		Oct 3		Oct 4	
	Evening	Overnight	Evening	Overnight	Evening	Overnight
Iqaluit, NU	10%	30%	30%	60%	40%	65%

Astronomy North beta forecasting tool. Yellowknife and Dawson City are the base forecasts; derived community percentages follow the same rules used on the website.