

CARIBOO FIRE CENTRE WEATHER FORECAST

ISSUED: 11:00 am Sunday, October 2, 2022

VALID: Through Tuesday, October 11, 2022

SYNOPSIS: An unseasonably strong upper ridge lies over southern BC this morning. The ridge will bring sunny warm stable conditions across the fire centre this afternoon. Highs today in the low to mid-20s with a few upper teens over the far east. Minimum RHs in the 22 to 35% range with the lowest values over the southern Chilcotin. Winds today light and variable. The ridge will bring clear cool calm conditions to the fire centre tonight with overnight lows ranging from near -1 over the Chilcotin to + 7 over the east. The combination of light winds and clear skies will lead to the formation of fog patches in the valleys to the east of the Fraser and patchy frost near and west of the Fraser. Little change is expected on Monday as the upper ridge remains over southern BC.

3 TO 5-DAY OUTLOOK... TUESDAY TO THURSDAY. The upper ridge is forecast to persist, although it will weaken slightly and drift east as an upper trough moves northward along the BC coast on Tuesday. The trough will spread bands of mid and high clouds over the fire centre from time to time on Tuesday. The increased cloud cover will result in slightly cooler maximum temperatures and an increase in minimum RHs however no precipitation is expected. The ridge will re-establish its position over the Fire centre for Wednesday and Thursday bringing mainly sunny dry conditions. High temperatures are expected to be in the upper teens to low 20s with minimum RHs in the 30 to 45% range. Clear calm conditions each night will lead to patchy frost and valley fog in the valleys from Quesnel eastward over the wet belt. Winds are expected to remain light.

CONFIDENCE: Confidence is good for the overall pattern as all long-range models are forecasting the upper ridge to persist bringing a long spell of unseasonably warm dry conditions.

WINDS ALOFT: Puntzi Mountain

2000 m W 20. 3000m W 25.

6 TO 10 DAY FRIDAY TO MONDAY of next week: Good confidence in the long-range forecast as all long-range models keep the upper ridge over the southern two-thirds of the province through the period. Expect mainly sunny warm dry stable conditions during the afternoons and clear cool conditions with patchy fog and frost during the nights. Temperatures will stay 4 to 8 degrees above seasonal values until late in the period when some cooling is possible.

WEST OF FRASER

TODAY: Sunny. Winds light and variable. MAX TEMP: 21 to 26 C. MIN RH: 20 to 35%.

TONIGHT: Mainly clear. Patchy frost. Winds light and variable. MIN TEMP: -1 to +3C. MAX RH: 65 to 95%.

MONDAY: Mainly sunny. Winds light and variable. MAX TEMP: 21 to 26 C. MIN RH: 25 to 35%.

FORECAST LIGHTNING/DRY LIGHTNING

Today: Nil/Nil

Tonight: Nil/Nil

Tomorrow: Nil/Nil

Venting: Fair during the afternoons due to light winds and fairly stable conditions.

EAST OF FRASER

TODAY: Sunny. Winds light and variable. MAX TEMP: 18 to 23 C. MIN RH: 25 south to 55% north.

TONIGHT: Mainly clear. Fog patches forming in valleys overnight. Risk of frost. Winds light and variable. MIN TEMP: +2 to +6C. MAX RH: 70 to 95%.

MONDAY: Valley fog dissipating in the morning then mainly sunny. Winds light and variable. MAX TEMP: 19 to 23C. MIN RH: 25 to 40%.

FORECAST LIGHTNING/DRY LIGHTNING

Today: Nil/Nil

Tonight: Nil/Nil

Tomorrow: Nil/Nil

Venting: Fair during the afternoons due to light winds and fairly stable conditions.

Lightning Forecast Definitions

Description	Spatial Coverage
Nil	No lightning
Risk	Less than 20%
Isolated	20-40%
Scattered	40-60%
Widespread	Greater than 60%