

CARIBOO FIRE CENTRE WEATHER FORECAST

ISSUED: 930 am Wednesday, July 20, 2022

VALID: Through Friday, July 29, 2022

SYNOPSIS: A flat upper ridge will bring mainly sunny very warm conditions to all zones today. Highs will rise into the 25 to 30 C range with minimum RHs of 15 to 25 %. Winds will be light W to NW with some afternoon gusts to 30 km/h over the northern Chilcotin and western Quesnel zones. The ridge will keep skies clear tonight with lows of 6 to 13 C with patchy fair overnight RH recoveries in the 40 to 60 % range. Winds will be light and variable. The ridge will hold over the area on Thursday with mainly sunny dry conditions continuing however a weak upper low drifting northeast toward Vancouver Island may spread enough moisture over the far southern 100 Mile zone to produce at least a risk of a late-day thunderstorm. Highs into the 25 to 31 C range with minimum RHs of 15 to 25 %. Winds will be light W to NW with some afternoon gusts to 30 km/h over the Chilcotin.

3 TO 5-DAY OUTLOOK...FRIDAY TO SUNDAY... The broad flat upper ridge will continue to dominate the period bringing mainly sunny very warm conditions to all zones. Highs will be in the mid to upper 20s with Minimum RHs in the upper teens and 20s. A weak upper low drifting east through Washington State on Friday may spread enough moisture over the far south to produce a risk of thunderstorms Friday afternoon. Winds during the period will be light W to NW with the exception of moderate gusts associated with afternoon convection.

CONFIDENCE: Confidence is good for the hot dry conditions to begin today and continue well into next week. The forecasting challenge will be determining if and where isolated convection may occur.

WINDS ALOFT: Puntzi Mountain

2000 m W 15. 3000m W 30.

6 TO 10 DAY OUTLOOK MONDAY TO FRIDAY of next week: Looks like the fire centre will remain under a dry W to NW flow aloft between a strong upper ridge to the south and upper lows /troughs passing by to the north. High 500 mb heights will persist suggesting continued very warm dry conditions. Highs likely to reach the low 30s and Minimum RHs in the teens and 20s. An upper low near Vancouver Island may bring a convective outbreak late in the period although only the Canadian Global model has this feature.

WEST OF FRASER

TODAY: Mainly sunny. Winds W to NW 10-15 G 30 km/h. MAX TEMP: 25 to 30C. MIN RH: 15-25%.

TONIGHT: Clear. Winds light westerly. MIN TEMP: 8 to 11C. MAX RH: 40-65%.

THURSDAY: Mainly sunny. Winds W to NW 10-15 G 30 km/h. MAX TEMP: 25 to 29C. MIN RH: 15-25%.

FORECAST LIGHTNING/DRY LIGHTNING

Today: Nil/Nil

Tonight: Nil/Nil

Tomorrow: Nil/Nil

Venting: Good during the afternoon due to daytime heating and instability

EAST OF FRASER

TODAY: Mainly sunny. Winds SW to NW 5-10 G 20 km/h. MAX TEMP: 25 to 30C. MIN RH: 17-30%.

TONIGHT: Mainly clear. Winds light westerly. MIN TEMP: 9 to 13C. MAX RH: 60-95%.

THURSDAY: Mainly sunny. Slight risk of a late-day thunderstorm over the southern 100-Mile zone. Winds W-NW 5-10 G 20 km/h. MAX TEMP: 25 to 30C. MIN RH: 17-30%.

FORECAST LIGHTNING/DRY LIGHTNING

Today: Nil/Nil

Tonight: Nil/Nil

Tomorrow: Risk far south/ Risk far south

Venting: Good during the afternoon due to daytime heating and instability

Lightning Forecast Definitions

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