

CARIBOO FIRE CENTRE WEATHER FORECAST

ISSUED: 1030 am Wednesday, June 29, 2022

VALID: Through Thursday, July 7, 2022

SYNOPSIS: a weakening upper low over the north Columbia will shift eastwards into Alberta tonight and reabsorbed. In its wake a upper trough will remain draped across southern BC. Expect generally cloudy skies with widespread showers for all zones today. In addition, there is a risk of embedded thunderstorms along the northern tier of the FC. Max temperatures well below seasonal and min RHs not problematic.

Expect the showers to ease through the late afternoon/evening and skies will partially clear overnight allowing for patchy fog formation. Recoveries good.

Thursday will see some instability linger giving mixed skies with a POP of afternoon showers and isolated thundershower for all zones. Max temperatures recovering to seasonal and min RHs trending down.

3 TO 5-DAY OUTLOOK...FRIDAY TO SUNDAY... Slack flow aloft persists over the FC through the period. Max temperatures near seasonal with winds moderate at best. Min RHs will continue to decrease Friday back into the 20 to 35 % range. Expect some patchy instability.

Saturday will see thicken across the northern tier of the FC as an impulse slides south in the PG FC increasing the shower chance. Max temps remain below seasonal and min RHs trend up. Winds light northerly.

Sunday sees a continuation of the trend with the shower chance spreading to all zones as a risk of subtropical moisture creeping into the extreme south aloft. Watch for the winds to Freshen and shift to E-SE for all zones.

CONFIDENCE: Confidence in the location and intensity of the shower and thunderstorm activity for this afternoon and overnight is reasonable. The storms will likely be wet. Very little in the way of dominant features to hang weather off moving forward.

WINDS ALOFT: Puntzi Mountain

2000 m E 20. 3000m ESE 15.

6 TO 10 DAY MONDAY TO FRIDAY of next week: Looks like a fairly stagnant pattern as an upper ridge or upper high is forecast to lie just east or northeast of the fire centre through the period. At the same time a large broad upper trough sets up over the eastern Pacific. This will result in a south to southeast upper flow over the fire centre which will likely bring the threat of afternoon convection to the fire centre each day. Temperatures will likely be slightly above seasonal with highs in the mid- 20s.

WEST OF FRASER

TODAY: Cloudy with showers. Risk of an embedded thundershower north of highway 20 with local accumulations. Winds west 15 to 20 km/h gusting at times to 30. MAX TEMP: 13 to 16 C. MIN RH: 45-65%.

TONIGHT: Mainly cloudy with 60% chance of showers. {risk of an evening thundershower. Showers easing to light this evening. MIN TEMP: 7 to 10C. MAX RH: 85-100% with good recoveries.

THURSDAY: Morning mist patches. Otherwise, a mix of sun and cloud with a 40% chance of afternoon or early evening showers. Risk of a late afternoon thundershower. Winds E-SE 10-20 G 25 km/h in the afternoon. MAX TEMP: 19 to 23. MIN RH: 30-45%.

FORECAST LIGHTNING/DRY LIGHTNING

Today: Risk/Nil North highway 20

Tonight: Risk/Nil north Highway 20

Tomorrow: Isolated/Risk all areas

Venting: Good during the afternoons due to unstable airmass

EAST OF FRASER

TODAY: Cloudy with showers easing late in the day. Risk of an afternoon thundershower in the Quesnel zone giving local accumulations. Winds NW 10-20 G 30 km/h except SE 10-15 gusting 25 km/h in the Quesnel zone. MAX TEMP: 16 to 22 C. MIN RH: 40-60%

TONIGHT: Mostly cloudy with a 30% chance of evening showers. Risk of Thundershowers in the Quesnel zone. Otherwise, partial clearing late this evening with fog patches forming. Winds easing to light this evening. MIN TEMP: 7 to 10C. MAX RH: 85-100% with good recoveries.

THURSDAY: Morning Fog Patches. Otherwise, a mix of sun and cloud with a 30% chance of afternoon or early evening showers. Risk of a late afternoon thundershower all zones. Winds E 10-15 gusting to 25 km/h in the afternoon. MAX TEMP: 19 to 24C. MIN RH: 30-40%.

FORECAST LIGHTNING/DRY LIGHTNING

Today: Risk/nil Quesnel Zone.

Tonight: Risk/Nil Quesnel Zone.

Tomorrow: Isolated/Risk all zones.

Venting: Good during the afternoons due to atmospheric instability.

Lightning Forecast Definitions

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