

Cariboo Fire Centre Weather Forecast

ISSUED: 11:00 AM Tuesday August 2nd 2022

SYNOPSIS: A weak ridge moves east and out of the Cariboo this afternoon, followed again by another upper trough. This feature is also weak but does increase cloudiness over the Fire Centre today. It stalls over the Cariboo overnight, maintaining mainly cloudy skies. On Wednesday, a sharpening upper trough drops out of the northwest to a position just west of the Fire Centre by late afternoon. Winds aloft back to south-southwesterly, with significant moisture in this flow entering the Fire Centre through the day. Temperatures today remain slightly higher than the seasonal average but are cooler by 2 to 3 C, on average, from yesterday. Wednesday will feature a major cool off, due to cloud and precipitation. Continued very dry conditions this afternoon with minimum RHs in the 15-35% range for the Cariboo, with a few crossovers over southern portions of the Fire Centre despite somewhat moderated maximum temperatures. After generally fair with a few good recoveries overnight, minimum RHs quickly rise, from west to east, in response to precipitation. Winds generally light westerlies, west of the Fraser, gusting at times to moderate over the Chilcotin and far western Quesnel zones, diminishing slightly after midnight. East of the Fraser, winds are light southwest to northwest today, as local circulations predominate, becoming light westerlies overnight. Breezier tomorrow morning with light to moderate west to south-westerlies across the Fire Centre but winds slacken as precipitation moves in and the surface cools. Thunderstorms are not expected today or tomorrow over the Cariboo.

3 TO 5-DAY OUTLOOK...THURSDAY TO SATURDAY.... Showers taper off Thursday morning with gusty winds and much lower temperatures as a deep upper low exits the Fire Centre. Drying and stabilization, with an increase in temperatures, is expected on Friday, although an upper trough may nick the northeast Quesnel zone with some convection on Friday afternoon. On Saturday, a sharp trough crosses through northern BC, perhaps extending south to central regions of the Province. It may bring a risk of lightning to the Cariboo east of the Fraser in the afternoon, along with blustery west to southwest winds.

CONFIDENCE: Confidence high in the overall cooler and wetter trend tomorrow through Thursday, although the timing has been delayed a few hours from yesterday. Low to medium on the potential for lightning Saturday. Confidence is increasing in the long range for a summer pattern to develop and persist from next Sunday until Wednesday August 10th, although solutions for Thursday the 11th diverge quite a bit.

6 TO 10 DAY SUNDAY TO THURSDAY of next week: Sunday, the pattern again becomes more summer-like with rising temperatures and falling RHs, with warm and dry weather increasingly likely Monday the 8th to Wednesday the 10th, at least.

WEST OF FRASER

TODAY: Mainly cloudy. Winds west to southwest 10 to 20 km/h with gusts to 40 km/h western Chilcotin and far western Quesnel. MAX TEMP: 20 to 26 C. MIN RH: 15-30%

TONIGHT: Mainly cloudy. Winds southwest 10 to 20 km/h with gusts to 30 km/h western Chilcotin and far western Quesnel. MIN TEMP: 8 to 12 C. MAX RH: 45-75%.

WEDNESDAY: Cloudy. Rain developing late morning through early afternoon. Amounts 5-15 mm. Winds southwest 10 to 20 km/h with gusts to 30 in the morning. MAX TEMP: 10 to 17 C. MIN RH: 50-95%.

FORECAST LIGHTNING/DRY LIGHTNING

Today: 0/0

Tonight: 0/0

Tomorrow: 0/0

Venting: Good today, marginal Wednesday

EAST OF FRASER

TODAY: Becoming mainly cloudy this afternoon. Winds variable 5 to 15 km/h. MAX TEMP: 19 to 26C. MIN RH: 20-45%

TONIGHT: Mainly cloudy. Winds southwest 5 to 15 km/h. MIN TEMP: 9 to 13 C. MAX RH: 45-70%.

WEDNESDAY: Cloudy with rain developing near mid-day. Amounts 5 to 15 mm. Winds southwest 5 to 15 km/h with gusts to 25 in the morning. MAX TEMP: 15 to 19 C. MIN RH: 40-60%.

FORECAST LIGHTNING/DRY LIGHTNING

Today: 0/0

Tonight: 0/0

Tomorrow: 0/0

Venting: Good today, marginal Wednesday

Lightning Forecast Definitions

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