

CARIBOO FIRE CENTRE WEATHER FORECAST

ISSUED: 10:00 am Monday, October 10, 2022

VALID: Through Wednesday, October 19, 2022

SYNOPSIS: A dryish cold front will sweep across the Fire Centre today accompanied by spotty shower activity and strong and gusty Northwest to West winds. These winds will surface across the Chilcotin this morning and across areas east of the Fraser this afternoon. Winds will gradually ease this evening/overnight. Expect max temperatures to decrease into the mid teens for most areas and minimum RH values will remain in the 20-30% range.

In the wake of the frontal system on Tuesday expect relatively cool, breezy conditions to persist especially across the Chilcotin as an upper ridge rebounds over the province. Min RHs will push up somewhat. Winds will be more southeast for areas near and north of Williams Lake. Expect little probability of fog on Tuesday as winds persist into the overnight maintaining some mixing.

For the period from Wednesday through Friday expect the upper ridge to rebound over southern and central BC with dry conditions associated; however, the flow aloft will remain relatively strong and help to enhance mixing and venting through the afternoon hours.

CONFIDENCE: Confidence is good for the overall pattern as the cold front sweeps across the FC today and we see a slow recovery in Temps and decreasing winds for Tuesday.

WINDS ALOFT: Puntzi Mountain

2000 m WNW 70. 3000m NW 100.

6 TO 10 DAY SATURDAY TO WEDNESDAY of next week: abroad flat upper ridge will remain over BC through much of the period. The ridge will be flattened by a transiting upper trough on Monday. Expect mainly sunny, dry and mild conditions to last through the weekend before giving way to more fall like conditions on Monday night into Tuesday. Through the period the flow aloft looks somewhat stronger and more fall like which should help to enhance venting.

WEST OF FRASER

TODAY: Partly cloudy with a slight chance of sprinkles or showers. Winds W-NW 20 gusting 40 km/h increasing to 50 gust 70 late this morning. MAX TEMP: 14 to 18 C. MIN RH: 25-35%.

TONIGHT: Mainly clear. Winds W-NW 20 gusting 40 km/h easing to W-NW 10-20 late this evening. MIN TEMP: -3 to +2C. Widespread frost. MAX RH: 45 to 65%.

TUESDAY: Mainly sunny. Winds W-NW 10-15 gusting 30 km/h. MAX TEMP: 16 to 20 C. MIN RH: 30% to 45%.

FORECAST LIGHTNING/DRY LIGHTNING

Today: Nil/Nil

Tonight: Nil/Nil

Tomorrow: Nil/Nil

Venting: Good during the afternoons due to enhanced mechanical mixing

EAST OF FRASER

TODAY: Partly cloudy with a 30% chance of showers or sprinkles; risk of a late afternoon thundershower in the extreme east. Winds becoming W-NW 10-20 km/h this morning and increasing to NW 40 gusting 60-70 this afternoon. MAX TEMP: 13 to 17C. MIN RH: 20-30% south to 35-55% north.

TONIGHT: Clearing. Winds NW 30 gusting 50 easing to NW 15-20 km/h after midnight. Risk of frost. MIN TEMP: 0 to +4 C. MAX RH: 45-55% in the south and 70-90% in the north.

TUESDAY: Sunny. Winds W-NW 10-20 km/h except SE 10-20 km/h for areas near and north of Williams Lake. MAX TEMP: 15 to 19C. MIN RH: 30-45% except near 65% in the Cariboo Mountains.

FORECAST LIGHTNING/DRY LIGHTNING

Today: Risk/Risk

Tonight: Nil/Nil

Tomorrow: Nil/Nil

Venting: Good during the afternoons due to enhanced mechanical mixing

Lightning Forecast Definitions

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