CARIBOO FIRE CENTRE WEATHER FORECAST

ISSUED: 9:30 am Sunday, October 16, 2022

VALID: Through Tuesday, October 25, 2022

SYNOPSIS: With persistent high pressure overhead, dry weather and above seasonal maximum temperatures are expected in the Fire Centre today and Monday (7-10C above seasonable averages). Winds will increase to light to moderate E to SE for all zones each afternoon, with minimum RHs lowest in the south and southeast.

A risk of frost should again occur across the Chilcotin and 100 Mile House zone overnight and fog patches should again form over the Fraser River Valley from just north of Williams Lake up to the Prince George zone boundary. Recoveries will be good except fair to poor over higher elevations of the southern Chilcotin (i.e., Plummer Hut)

3 TO 5 DAY OUTLOOK…Tuesday October 18th to Thursday October 20th

As the dominating upper ridge shifts to the east through the week, flow aloft will increase from the southwest. Clouds will increase over the Fire Centre later Monday through Tuesday morning. However, the pattern remains ridge dominant until late Wednesday evening/Thursday morning when a weakening cold front dissipates over the Fire Centre with a notable cool-off expected but little to no precipitation.

CONFIDENCE: Confidence is good on mainly dry conditions persisting through Friday. Confidence in measurable precipitation Friday the 21st/Saturday the 22nd is medium, with ensembles assigning a 75% probability to 1+ mm.

WINDS ALOFT: Puntzi Mountain

2000m SW 10 km/h. 3000m SSW 15 km/h.

6 TO 10 DAY FRIDAY OCTOBER 21st TO TUESDAY OCTOBER 25th: Models are now showing a sharp, cool upper trough passing through the Fire Centre late Friday evening/early Saturday morning associated with gusty winds and a decent chance of showers. Skies should clear but brisk NW winds should continue Saturday afternoon. It will be much cooler on the weekend than most of this week. Diminishing wind and high clouds are expected Sunday and Monday – a brisk SE wind should develop Monday PM in advance of a potentially strong fall storm developing off the coast. Confidence is low so far on details of this potential storm.

WEST OF FRASER

TODAY: Mainly sunny. Morning fog patches and areas of low cloud in the Blackwater and Fraser River valleys north of Williams Lake. Winds E to SE 5-10 km/h increasing to E to SE 15-25 km/h near mid-day with gusts to 35 this afternoon. MAX TEMP: 19 to 23 C. MIN RH: 25-40%.

TONIGHT: Mainly Clear. Fog patches forming overnight in the Blackwater and Fraser River valleys north of Williams Lake. Winds easing to light this evening. MIN TEMP: -2 to +3. Risk of frost for most areas. MAX RH: 80 to 95+% with pockets near 60% in the extreme south.

MONDAY: A mix of sun and cloud. Morning fog patches mainly in the Blackwater. Winds increasing to E to SE 10-20 km/h in the morning. MAX TEMP: 19 to 23 C. MIN RH: 20% to 35%.

FORECAST LIGHTNING/DRY LIGHTNING

Today: Nil/Nil

Tonight: Nil/Nil

Tomorrow: Nil/Nil

Venting: Fair at best during the afternoon today and on Monday due to mechanical mixing

EAST OF FRASER

TODAY: Patchy morning fog in the Quesnel Zone and northern portions of the Central Cariboo Zone. Otherwise, mainly sunny. Winds increasing to SE 10-20 km/h in the morning gusting at times to 35 in the afternoon. MAX TEMP: 18 to 22C. MIN RH: 20-35% south and 35-55% north.

TONIGHT: Mainly clear. Patchy fog redeveloping overnight in the Quesnel Zone and northern portions of the Central Cariboo Zone. Risk of frost elsewhere. Winds easing to light this evening. MIN TEMP: +2 to +5C in the north and zero to plus 3 in the south. MAX RH: 75-95+%.

MONDAY: A mix of sun and cloud. Winds increasing to SE to S 15-25 km/h in the morning with gusts to 40 in the afternoon. MAX TEMP: 19 to 23 C. MIN RH: 20% to 35%.

FORECAST LIGHTNING/DRY LIGHTNING

Today: Nil/Nil

Tonight: Nil/Nil

Tomorrow: Nil/Nil

Venting: Fair at best during the afternoon today and Monday due to 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%

FORECASTER: Chris Doyle (672) 999-1213

chrisjmdx@hotmail.com (best)

BCWS.CaFCFireWeather@gov.bc.ca