CARIBOO FIRE CENTRE WEATHER FORECAST

ISSUED: 1030 am Friday, July 22, 2022

VALID: Through Sunday, July 31, 2022

SYNOPSIS: A flat upper ridge over southern BC will keep the fire centre under a dry westerly flow aloft with sunny, dry, very warm conditions over all zones again today. The weak upper low near the central coast this morning is expected to drop southeastward along the coast mtns with any associated cloud or instability now expected to remain on the coast. Highs today 25 to 30 C with minimum RHs of 12 to 25 %. Winds will be light W to NW except SW-NW 15-20 G 35 over the Chilcotin. The ridge will keep skies mainly clear overnight with lows of 7 to 12 C with patchy fair locally poor RH recoveries of 40 to 65 %. Winds will be light and variable. The ridge will hold over the area on Saturday with mainly sunny dry conditions continuing. No lightning is expected. Highs Saturday 25 to 30 C with minimum RHs of 12 to 25 %. Winds will be light W to NW except SW-NW 15-20 G 35 over the Chilcotin.

3 TO 5-DAY OUTLOOK…SUNDAY TO TUESDAY… A broad flat upper ridge will continue to lie over southern BC on Sunday keeping the fire centre under a dry WNW flow aloft. Bands of high clouds in the flow will pass by from time to time otherwise expect sunny very warm conditions to continue across all zones. Highs will be in the mid to upper 20s with Minimum RHs in the upper teens and 20s. No lightning is anticipated on Sunday. The ridge becomes stronger and builds northward along the coast on Monday and Tuesday resulting in hot dry conditions with highs likely reaching the low 30s with minimum RHs in the teens at many sites. Winds during the period will be light W to NW with some afternoon gustiness especially in the Chilcotin due to daytime heating.

CONFIDENCE: Generally good confidence. The weak upper low on the central coast does not appear to be much of a threat for convection so the threat of dry lightning seems to have passed. Confidence is good for the hot dry conditions to continue well into next week.

WINDS ALOFT: Puntzi Mountain

2000 m WNW 15. 3000m W 25.

6 TO 10 DAY WEDNESDAY TO SUNDAY of next week: The strong upper ridge will persist just to the southwest of the Fire centre through to next weekend. Highs are likely to reach the low to possibly mid-30s with minimum RHs in the teens and 20s through the period. Models now backing off the idea of a ridge breakdown next weekend as only the American GFS model has an upper trough approaching the coast while the ECMWF has the upper ridge strengthening further.

WEST OF FRASER

TODAY: Mainly sunny. Wind SW-NW 10-20 G 35 km/h. MAX TEMP: 25 to 29 C. MIN RH: 15-25%.

TONIGHT: Mainly Clear. Winds light westerly. MIN TEMP: 7 to 11 C. MAX RH: Fair to locally poor RH recoveries of 40-65%.

SATURDAY: Mainly sunny. Wind SW-NW 10-15 G 35 km/h. MAX TEMP: 25 to 29 C. 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 gusty winds.

EAST OF FRASER

TODAY: Mainly sunny. Winds W-NW 5-10 G 20 km/h. MAX TEMP: 25 to 29 C. MIN RH: 17-27%.

TONIGHT: Clear. Winds light northwesterly. MIN TEMP: 9 to 13 C . MAX RH: Fair RH recoveries of 50-65%.

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

FORECAST LIGHTNING/DRY LIGHTNING

Today: Nil/Nil

Tonight: Nil/Nil

Tomorrow: Nil/Nil

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%