

CARIBOO FIRE CENTRE WEATHER FORECAST

ISSUED: 1030 am Friday, July 15, 2022

VALID: Through Sunday, July 24, 2022

SYNOPSIS: The circulation around the upper low over Haida Gwaii will push a weak upper trough across the northwest sections of the fire centre today generating isolated showers and thundershowers over the Quesnel zone. Partly cloudy dry conditions will persist further south. Highs today range from the upper teens over the NW to mid-20s over the 100-Mile zone. Minimum RHs 20-30% over the south with much higher values over the north. Winds today SW 15-25 G 35 to 45 km/h over the Chilcotin with lighter winds over the east. Mainly cloudy conditions will persist tonight as the upper low remains near Haida Gwaii and the moist SW flow aloft continues. Isolated evening showers will continue to be confined to the north. Lows tonight 8 to 13 C with good RH recoveries except for fair recoveries of 40 to 60 % over the south. Winds tonight are light SW. The upper low is forecast to pass just west of the Fire centre on Saturday as it begins its trip SE along the coast. The low will bring unstable conditions with cooler temperatures, scattered showers and isolated thundershowers mainly to areas west of the Fraser. Areas to the east will likely just see isolated showers with a risk of thundershowers over the north. Cooler Saturday with highs in upper teens across the west and low 20s over the east. Min RHs will be much higher over the west due to shower activity while values in the 20 -30 % range are still likely over the 100-Mile zone. Winds on Saturday W 10-20 G 35 km/h with gusts to 50 km/h near convection.

3 TO 5-DAY OUTLOOK...SUNDAY TO TUESDAY... Sunday the low will have moved into northern Washington State as a strong upper ridge builds offshore. After some morning showers over the southeast, a drying and warming trend will begin over the fire centre as the ridge builds in. Lingering instability will keep thundershowers in the forecast for the 100-Mile zone. The ridge will provide a mainly sunny dry day on Monday and Tuesday with high temperatures rising into the mid- 20s and Minimum RHs dropping back down into the 20 to 35 % range at some sites.

CONFIDENCE: Good for the short term. Today's convection should be limited to the northern Quesnel zone. Models continue to forecast the upper low to move very slowly SE along the coast over the weekend. Confidence is therefore increasing for isolated lightning to occur over the west on Saturday and possibly over the SE on Sunday. Confidence is good for a warming and drying trend to begin Monday and continue through much of next week.

WINDS ALOFT: Puntzi Mountain

2000 m SSW 25. 3000m SSW 40.

6 TO 10 DAY WEDNESDAY TO SUNDAY of next week: Confidence is increasing for significant warming and drying trends to continue through the work week. An upper low moving south from the Yukon may bring the threat of thunderstorms by next weekend.

WEST OF FRASER

TODAY: Cloudy with sunny periods. Isolated showers and thundershowers over the far north. Winds SW 15-25 G 35-45 km/h. MAX TEMP: 17 to 22 C. MIN RH: 20 to 30 % over the south.

TONIGHT: Mainly cloudy. Isolated evening showers over the north. Winds SW 10-20 G 30 km/h this evening then becoming light overnight. MIN TEMP: 7 to 11 C. MAX RH: 70 to 95 % north with fair recoveries of 45 to 65 % south.

SATURDAY: Mainly cloudy with scattered afternoon showers and isolated thunderstorms. Winds W 10-20 G 30-40 km/h. Gusts to 50 km/h near convection. MAX TEMP: 15 to 20 C. MIN RH: 30-40% over the south.

FORECAST LIGHTNING/DRY LIGHTNING

Today: Isolated far north/Nil

Tonight: Nil/Nil

Tomorrow: Isolated/Nil

Venting: Good during the afternoon due to daytime heating and gusty winds.

EAST OF FRASER

TODAY: Cloudy with sunny periods. Isolated showers and afternoon thundershowers over the far north. Continued dry over the south. Winds S-SW 10-20 G 30 km/h. MAX TEMP: 21 to 25. MIN RH: 20% south to 50% north.

TONIGHT: Mainly cloudy. Isolated evening showers over the north. Winds SW 8-15 G 30 km/h this evening then becoming light overnight. MIN TEMP: 9 to 13 C. MAX RH: 70 to 95 % north with fair recoveries of 45 to 65 % south.

SATURDAY: Variable cloudiness. Isolated showers and afternoon thundershowers near the Fraser. Winds W 10-15 G 25-30 km/h. MAX TEMP: 21 to 25. MIN RH: 20% south to 50% north.

FORECAST LIGHTNING/DRY LIGHTNING

Today: Isolated far north/Nil

Tonight: Nil/Nil

Tomorrow: Isolated near the Fraser/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%