

CARIBOO FIRE CENTRE WEATHER FORECAST

ISSUED: 1030 am Friday, June 17, 2022

VALID: Through Sunday, June 26, 2022

SYNOPSIS: A weak upper trough will lie over the region today however, with the main moisture feed shifting east of the fire centre, a drier day can be expected. Isolated showers or thundershowers are still possible over the western Quesnel zone and the northern Chilcotin while variable cloudiness afternoon cloudiness and dry conditions are expected elsewhere. A bit warmer today with highs in the upper teens to low 20s and minimum RHs of 20-30% across the south. Winds today W-NW 8-15 G 35 km/h west of the Fraser and light and variable over the east. Isolated showers and thundershowers are possible this evening, over the north Chilcotin and western Quesnel zones while clear breaks and dry conditions can be expected elsewhere. Expect good RH recoveries of 80 to 100% along with light winds overnight. Lows will range from 5 C over the Chilcotin to 10 C over the east. The upper trough will remain over the fire centre on Saturday. The latest model runs are now developing a weak upper low over the Chilcotin on Saturday resulting in variable cloud cover with scattered afternoon showers or thundershowers over all zones. Highs will be in the upper teens with minimum RHs of 30 to 40% over the Chilcotin with higher values elsewhere. Winds on Saturday W 8 to 18 with afternoon gusts to 35 km/h over the Chilcotin.

3 TO 5-DAY OUTLOOK...SUNDAY TO TUESDAY... The upper trough will continue to bring scattered showers and thundershowers to areas east of the Fraser on Sunday while conditions will trend warmer and drier over the west as the upper trough drifts east and is replaced by an upper ridge during the afternoon. The ridge will lie over the fire centre on Monday bringing warm dry conditions over all zones with highs up into the low 20s and Minimum RHs down into the 15 to 30 % range. On Tuesday an upper low from the Gulf of Alaska will drop southeastward to lie near Haida Gwaii by late afternoon. This will destabilize the air mass with scattered showers and thundershowers likely over all zones by Tuesday afternoon. Winds through the period will be W to NW 10-20 km/h switching to SW 15 to 25 km/h on Tuesday with afternoon gustiness into the 30 to 40 km/h range for areas west of the Fraser on each day.

CONFIDENCE: Good for today. Despite a weak upper trough over the area, most sites should remain dry today. Fair for the general pattern through the weekend. Recent model runs have trended toward more instability on Saturday with scattered afternoon showers and thundershowers now likely across all zones. Precipitation will be spotty and quite variable. Models are also trending weaker with the ridge building into the west on Sunday.

WINDS ALOFT: Puntzi Mountain

2000 m N 5. 3000m NE 10.

6 TO 10 DAY WEDNESDAY TO SUNDAY of next week: Latest model runs have the upper low moving over the central coast, with an upper trough extending eastward from the low across the fire centre, for Wednesday. This scenario would bring a return to cooler showery conditions through Thursday. Confidence is fair to good. Beyond Thursday confidence falls to poor as there is no consensus amongst the long-range models as to how the main weather features evolve. The Canadian global model favours the development of a strong upper ridge over the Province bringing a spell of summer-like conditions through next weekend while the American GFS model holds the upper low over southern BC through the period with a continuation of cool showery conditions. Meanwhile, the European ECMWF model shows the upper low retreating westward with a flat weak upper ridge just to the south of the fire centre.

WEST OF FRASER

TODAY: Mainly cloudy with a few showers and isolated thundershowers over the western Quesnel and far northern Chilcotin zones. Variable cloudiness with dry conditions elsewhere. Winds W to NW 10-20 G 35 km/h during the afternoon. MAX TEMP: 14 north to 20 south. MIN RH: 20-35% over the southern Chilcotin.

TONIGHT: Variable cloudiness. Isolated showers or thundershowers over northern sections this evening. Winds W to NW 8 to 15 G 30 km/h this evening becoming light overnight. MIN TEMP: 4 to 6 C. MAX RH: 80-100%.

SATURDAY: Variable cloudiness with scattered afternoon showers or thundershowers. Winds W to NW 10-20 G 35 km/h during the afternoon. MAX TEMP: 14 north to 18 south. MIN RH: 30-40%.

CHANCE OF LIGHTNING/DRY LIGHTNING

Today: 10%. Tonight: 10% Tomorrow: 40%.

Venting: Good during the afternoons due to mechanical mixing

EAST OF FRASER

TODAY: Variable cloudiness. Winds are light and variable with local gusts to 25 km/h in the afternoon. MAX TEMP: 16 to 20C. MIN RH: 30-40%.

TONIGHT: Variable cloudiness. Isolated showers over the 100 Mile zone overnight. Winds light. MIN TEMP: 6 to 10C. MAX RH: 80-100%.

SATURDAY: Variable cloudiness. Scattered afternoon showers and thundershowers. Winds W-NW 8 to 15 km/h with local gusts to 30 km/h in the afternoon. MAX TEMP: 16 to 20C. MIN RH: 35-50%.

CHANCE OF LIGHTNING/DRY LIGHTNING

Today: 0%. Tonight: 0% Tomorrow: 40%.

Venting: Good during the afternoons due to mechanical mixing