Cariboo Fire Centre Weather Forecast

ISSUED: 11:00am Monday, August 8, 2022

SYNOPSIS:

A weak and flatter westerly flow aloft lingers over the Fire Centre into tomorrow, bringing general sunshine and warmer and drier conditions. Later in the day tomorrow an upper low offshore of northern California starts a very slow drift northward, which starts to push a sub-tropical feed through the Pacific Northwest and into the province, however initially only some mid to high level cloud is expected, impacting southern regions of the Fire Centre into the overnight period. Temperatures remain not far off the seasonal mark near the mid-20's for today, then start to climb into tomorrow with drier conditions developing more solidly throughout the Fire Centre as well. Light winds are expected both days, with direction generally dictated by location as a weak thermal trough builds into the Fire Centre, or by terrain around any given site.

3 TO 5 DAY OUTLOOK…Wednesday through Friday:

Mid-level instability from the sub-tropical feed finally makes it into the Fire Centre, impacting southwestern areas and into the 100-Mile Zone, and expected to arrive near mid-day. While sunnier, hotter and drier conditions remain dry lightning is possible over these areas, spreading northward into the afternoon and nocturnal thunderstorms possible overnight. This trend of the southerly flow pulling up instability continues for Thursday and Friday, however as the low gradually moves off the coast of Vancouver Island the potential for instability builds and we should see storms coming with a bit more precipitation although it still remains light. Temperatures still remain above seasonal through this timeframe, although RH may start to moderate marginally and find slightly less dry conditions as the atmosphere gradually moistens up through all levels each day.

CONFIDENCE/DISCUSSION:

Confidence good, we'll see some adjustments around the sub-tropical feed starting mid-week however overall things have been really consistent. Adjustments will occur around minimum RH as well as we get a better handle on what this feed will do to lower levels of the atmosphere in terms of moisture.

6 TO 10 DAY…Saturday through next Wednesday:

The pattern looks to remain generally warmer and drier in this timeframe, with convective instability continuing through the weekend and a more organized push of precipitation possible into Sunday as the low comes across the province and weakens. The pattern then goes quieter as a west to southwesterly flow aloft develops again, with little seen in the way of convection and precipitation.

WEST OF FRASER

Today: Sunny. Winds northerly to variable 10-15 km/h, with occasional afternoon gusts to 25 km/h. MAX TEMP: 26 to 30. MIN RH: 20-30%, with locally lower.

Tonight: Clear. Winds easing to light and variable. MIN TEMP: 9 to 13. MAX RH: 55-65%.

Tomorrow: Sunny, with occasional cloud developing late day. Winds southwesterly to variable 10-15 km/h, with occasional afternoon gusts to 25 km/h. MAX TEMP: 28 to 32. MIN RH: 15-25%, with locally lower.

FORECAST LIGHTNING/DRY LIGHTNING

Today: nil / nil Tonight: nil / nil Tomorrow: nil / nil

Venting: fair to good

EAST OF FRASER

Today: Sunny. Winds northeasterly to variable 5-15 km/h, with occasional afternoon gusts to 25 km/h. MAX TEMP: 25 to 29. MIN RH: 25-35%, with locally lower.

Tonight: Clear. Local fog developing eastern areas. Winds easing to light and variable. MIN TEMP: 9 to 13. MAX RH: 65-75%.

Tomorrow: Sunny, with occasional cloud developing late day. Winds northeasterly to variable 5-15 km/h, with occasional afternoon gusts to 25 km/h. MAX TEMP: 27 to 31. MIN RH: 20-30%, with locally lower.

FORECAST LIGHTNING/DRY LIGHTNING

Today: nil / nil Tonight: nil / nil Tomorrow: nil / nil

Venting: fair to good

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

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