

Cariboo Fire Centre Weather Forecast

ISSUED: 10:30am Thursday, August 11, 2022

SYNOPSIS:

An upper low offshore of Washington continues to drift slowly northward over the next 48 hours and is pushing a sub-tropical feed of moisture through the Pacific Northwest into the province accompanied by some thundershowers which lingered well into the overnight. These storms will redevelop again this afternoon, and many could produce dry lightning especially in the Chilcotin and 100 Mile House Zone. Storms in the northern tier of the FC have a better chance of being accompanied by some showers. Expect Maximum temperatures to remain above seasonal accompanied by some low min RH values. Crossovers will be widespread. The thunderstorms will continue until near midnight before dying off. Friday looks to be a repeat of Thursday with the storms likely less frequent in the western Chilcotin.

Light locally moderate winds are expected today, with direction generally dictated by thermal forcing and terrain. However gusty winds should be expected near and thunderstorms. Look for inflow winds to freshen Friday afternoon for the Chilcotin

3 TO 5 DAY OUTLOOK...Saturday through Monday:

Saturday the low moves across Vancouver Island then clips the northwestern corner of the Fire Centre late in the day as it lifts northeastward. Expect it to bring in more widespread shower activity to the north of the track of the low along with some brief cooling and an RH bump associated with the shower activity. The bigger story will likely be moderate to strong inflow sweeping across the FC.

Sunday, we see conditions slowly warming and drying as a SW flow aloft develops. Winds will remain inflowing but ease a bit and shift to a more SW-S orientation

Monday sees the southwest flow aloft firmly in place with fair skies for most of the FC and above seasonal max temps. Min RHs steady in the 20-35% range

CONFIDENCE/DISCUSSION:

Confidence good, biggest wildcard continues to be the sub-tropical moisture feed and the distribution of dry lightning, etc. associated with it. Things have been seeing good consistency, however, although there are adjustments occurring to the track of the low as it finally moves across the province on the weekend that will have to be monitored. Current runs show the highest potential for precipitation accumulations to be to the north of the track of the Low and on the Cariboo Mtns Saturday night into Sunday as the low just clips the FC.

6 TO 10 DAY...Tuesday through next Saturday:

In the wake of the upper low we're left with a southwesterly flow aloft as an upper ridge builds along the Rockies and then drifts slowly eastwards. Overall, a trend toward above seasonal temps and dry conditions is expected and we'll just have to monitor the flow for any potential daily convection, particularly over eastern regions of the Fire Centre. Things look to begin cooling back on Friday as heights fall aloft as an upper trough breaks down the ridge

WEST OF FRASER

Today: A mix of sun and cloud with a 30% chance of showers. Risk of a thundershower this afternoon. Winds SW-S 10-20 km/h, with occasional afternoon gusts to 25 km/h. MAX TEMP: 26 to 30. MIN RH: 15-25%.

Tonight: Partly cloudy. 30% chance of evening showers with the risk of a thunderstorm. Winds easing to light and variable this evening. MIN TEMP: 8 to 11. MAX RH: 45-60% in the south and 60-85% in the north.

Tomorrow: A mix of sun and cloud. 40% chance of afternoon showers with a risk of thundershowers over eastern areas. Winds southwesterly 15-25 km/h, with occasional afternoon gusts to 30 km/h. MAX TEMP: 25 to 29. MIN RH: 10-20%.

FORECAST LIGHTNING/DRY LIGHTNING

Today: Isolated/ Isolated Tonight: Isolated/Isolated Tomorrow: Risk / Risk

Venting: good

EAST OF FRASER

Today: A mix of sun and cloud. Showers and isolated thunderstorms lingering this morning in the extreme east. Otherwise, a 40% chance of afternoon showers or thundershowers across all zones. Winds southeasterly 10-20 km/h, with occasional afternoon gusts to 25 km/h except erratic gusts to 60 km/h possible vicinity convection. MAX TEMP: 26 to 30. MIN RH: 20-30% with a few pockets in the teens.

Tonight: Partly cloudy with a 40% chance of showers or thundershowers continuing into the overnight. Mist patches overnight some low-lying areas with a Fog Winds easing to light and variable except erratic gusts to 60 km/h possible vicinity convection. MIN TEMP: 10 to 13. MAX RH: 65-95%.

Tomorrow: A mix of sun and cloud. 40% chance of thunderstorms or showers redeveloping in the afternoon and continuing into the evening. Better chance for measurable precipitation with the storms in the north. Winds south 10-20 km/h, with occasional afternoon gusts to 25 km/h. Erratic gusts to 60 km/h possible vicinity convection. MAX TEMP: 25 to 29. MIN RH: 10-20% in the south and 30-40% in the north.

FORECAST LIGHTNING/DRY LIGHTNING

Quesnel zone Today: scattered/isolated Tonight: scattered/isolated Tomorrow: isolated/isolated

Other Zones Today: scattered/scattered Tonight: scattered/scattered Tomorrow isolated/isolated

Venting: good

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