

Cariboo Fire Centre Weather Forecast

ISSUED: 11:15pm Wednesday, September 14, 2022

SYNOPSIS:

An upper trough and associated upper low gradually drift through southeastern regions of the province into tomorrow and gradually depart into central Alberta later in the day, with the next incoming upper trough slowly moving onto the coast and pushing a southwesterly flow ahead of it over the Fire Centre. Sunshine to variable cloud is expected both days with some smoke remaining aloft but gradually thinning, with a risk of thundershowers near southern and eastern borders today expanding into central to eastern regions for tomorrow. Temperatures remain near the seasonal mark, with humidity expected to trend upward tomorrow as very light showers become a bit more widespread throughout the Fire Centre. Winds should pick up a bit tomorrow as well through western regions.

3 TO 5 DAY OUTLOOK...Friday through Sunday:

Increasingly organized showers are expected Friday, with thundershowers potentially still embedded and RH's trending upward while temperatures cool to below seasonal values into the low teens as the upper trough moves into the province. Saturday then sees some improvement in the west with showers lingering through the east as the trough continues to slowly move through the interior, with a bit less shower activity Sunday again however still some instability hanging on near eastern borders. Cooler temperatures are expected to linger through the weekend, with only marginally drier humidities through areas that don't receive as much shower activity. Occasionally moderate and gusty northwesterlies are also expected on Friday as the trough moves in. The increasing instability and precipitation over southern regions of the province should assist in removing some of the smoke from the atmosphere, and improving conditions are expected in this regard although visibility will likely be impacted by shower activity.

CONFIDENCE/DISCUSSION:

Confidence fair to good, while the shorter timeframes have seen good consistency we are still seeing some shifts into the mid-range. The cooler pattern is still holding, however we'll have to wait and see if there is further adjustments around precipitation.

6 TO 10 DAY...Monday through next Friday:

Troughier and cooler conditions look set to remain through the middle of the week, with an upper ridge then returning something more seasonal and drier. Again this has been somewhat consistent, but we'll have to wait for details such as timing and any precipitation amounts to refine.

WEST OF FRASER

Today: Mainly sunny. Risk of a thundershower late afternoon near southern borders. Winds westerly to variable 10-15 km/h with occasional afternoon gusts to 25 km/h. MAX TEMP: 21 to 24C. MIN RH: 25-35%.

Tonight: Cloudy with clear periods. Winds easing to light and variable. MIN TEMP: 4 to 7C. MAX RH: 70-80%.

Tomorrow: Mainly sunny becoming a mix of sun and cloud in the afternoon. Isolated light showers developing late afternoon over central/eastern areas, with the risk of a thundershower. Winds westerly 10-25 km/h with gusts to 35 km/h. MAX TEMP: 20 to 23C. MIN RH: 35-45%.

FORECAST LIGHTNING/DRY LIGHTNING

Today: risk (southern borders) / risk **Tonight:** nil / nil **Tomorrow:** risk (eastern/central areas) / risk

Venting: good

EAST OF FRASER

Today: Sunny with cloudy periods. Risk of a thundershower near eastern/southern borders. Winds northeasterly to variable 10-15 km/h with occasional afternoon gusts to 25 km/h. MAX TEMP: 20 to 24C. MIN RH: 30-40%.

Tonight: Clear with occasional cloudy periods, with local fog developing. Winds easing to light and variable. MIN TEMP: 8 to 11C. MAX RH: 80-90%.

Tomorrow: A mix of sun and cloud. Isolated afternoon showers developing, with the risk of a thundershower late afternoon. Winds northeasterly to variable 10-15 km/h with occasional afternoon gusts to 25 km/h, with slightly stronger southwesterlies possible toward the Fraser. MAX TEMP: 18 to 22C. MIN RH: 40-50%.

FORECAST LIGHTNING/DRY LIGHTNING

Today: risk (eastern borders) / risk **Tonight:** nil / nil **Tomorrow:** risk / risk

Venting: 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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