

Most recent forecast for Cariboo**Valid as of 11:00 am Sunday June 27, 2021**

VALID: Through Tuesday July 06, 2021

SYNOPSIS:

A strong upper ridge will result in sunny skies and hot temperatures for all zones of the Fire Centre today, accompanied by decreasing Minimum RHs and widespread crossovers. There is a slight risk of dry lightning late this afternoon and evening in the extreme western Chilcotin.

Mostly clear this evening except in the extreme west with recoveries generally fair locally poor & trending down.

Mainly sunny skies expected again on Monday with Max temperatures continuing High and min RHs stagnant. Record temperatures likely in some localities. Widespread crossovers should be expected. The flow aloft supports a slight chance of dry lightning on Monday in the late afternoon and evening for the Western Chilcotin.

3 TO 5 DAY OUTLOOK: Tuesday to Thursday.

The forecast for the outlook period is clear...Hot, but gradually cooling back Wednesday in the Chilcotin and across eastern zones on Thursday.

Minimum RHs will remain stagnate through Tuesday, then slowly increase as max temps start to cool back. Watch for widespread crossovers and probable max temperature records Tuesday and for eastern Zones on Wednesday. Winds will increase on Tuesday and Wednesday and show the potential for gustiness. They will ease back on Thursday.

This probability of thunder with dry lightning will increase each day from 20% on Tuesday in the Chilcotin to 40% by Wednesday for all zones and will be occurring west of the upper ridge. Its location will have a significant impact on any thundershower risk. More general but widely scattered storms are possible on Thursday. All days will see the possibility of these storms lingering into the overnight period.

Recoveries fair to poor.

CONFIDENCE:

Confidence in the pattern evolution is good. Questions exist around the potential for dry lightning from today onwards. The position of the upper ridge will be critical as to whether the door opens for these dry storms. Wednesday looks most probable for dry lightning with wetter storms more scattered storms likely on Thursday. Models are struggling with how to handle this very strong and warm upper ridge.

The ongoing heat looks likely record breaking with widespread crossovers and will hold until Wednesday where conditions will start to cool from west to east. Conditions look more windy for both Tuesday and Wednesday.

Puntzi Mountain

1000m SSW 15km/h 2000m S 15 km/h 3000m SE 25 km/h

6 TO 10 DAY FORECAST: FRIDAY TO TUESDAY OF THE FOLLOWING WEEK.

The upper air pattern remains very disorganized as a weak westerly flow aloft breaks through, but heights remain high. The upper ridge will then rebound for the first weekend in July. Likely continuing warm (but not record setting) and relatively dry for much of the period.

Zone Venting Forecast fair this afternoon and good Monday afternoon all zones.

WEST OF FRASER

TODAY: Sunny and warmer. Except patchy cloudiness in the extreme west with a slight risk of late afternoon dry lightning. Wind light becoming east 10 to 20 km/h near noon except SW 10-20 km/h in the western Chilcotin near noon. Widespread crossovers. Min RHs 10 to 20%. Highs 36 to 41c.

TONIGHT: Clear. Partial cloudiness this evening in the extreme west with a chance of dry lightning. Winds easing to light this evening. Recoveries fair to poor. Max RHs 30-45% except near 60% in the Blackwater. Lows 13 to 17c.

MONDAY: Sunny with afternoon and evening cloudiness. Remaining hot. Risk of dry lightning storms in the western Chilcotin in the late afternoon and evening. Wind light becoming south to southwest 10-20 km/h near noon. Widespread crossovers. Min RHs high single digits to high teens. Highs 37 to 42c.

CHANCE OF LIGHTNING/DRY LIGHTNING

Today 5/5% Tonight 5/5% Tomorrow 10/10%

EAST OF FRASER

TODAY: Sunny and warmer. Wind light becoming east to southeast 10 to 20 km/h near noon. Widespread crossovers. Min RHs high single digits to high teens in the south and 20-35% in the extreme north. Highs 35 to 39c except near 30c in the Cariboo mountains.

TONIGHT: Clear. Wind easing to light this evening. Recoveries poor to fair in the south and fair in the north but trending down. Max RH 25-40% south of Williams Lake increasing to near 60% in the far north. Lows 14 to 18c.

MONDAY: Sunny and hot. Wind light becoming southeast 10 to 20 km/h near noon. Widespread crossovers. Min RHs high single digits to high teens in the south and 15 to 25% in the north. Highs 37 to 42c except near 32c in the Cariboo mountains.

CHANCE OF LIGHTNING/DRY LIGHTNING

Today 0/0% Tonight 0/0% Tomorrow 0/0%

Qualifier	Strike Density Per 100KM x 100KM	Probability of Lightning	Probability of Intense Lightning
Isolated (ISOL)	1 - 5	< 40	Near 0
Scattered (SCT)	6 - 15	40 - 80	0 - 40
Frequent (FREQ)	15 - 30	60 - 100	40 - 80
Severe (SEV)	> 30	100	100

Only the qualifier will be used in the forecast.

Each describes the conditions listed to the right of it in the table

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