

Northwest Fire Centre Fire Weather Forecast

ISSUED: 11:00 AM Tuesday August 29, 2023

VALID: through Thursday September 7, 2023

SYNOPSIS: An upper trough is bringing instability into southern sections of the NWFC with scattered showers or thundershower forecast today. Some of these thundershowers are capable of producing strong downdrafts. In the Cassiar, some showers are possible along the Coast Mountains while stable conditions are forecast elsewhere.

Higher humidity values expected over all zones on Wednesday under a weak upper trough. Winds are expected to be higher from the west with humidity values remaining moderate.

3 TO 5 DAY OUTLOOK...Thursday to Saturday...On Thursday conditions stabilize ahead of a disturbance moving eastward from Alaska. Humidity values expected to be moderate with westerly wind expected over all zones. **On Friday moderate to strong westerly winds are forecast over the northern half of the NWFC as an intense disturbance moves into the Cassiar. Very high to extreme ISI values expected as westerly winds with gust 50-60 km/h are forecast** Lower windspeeds are forecast on Saturday but will spread southward into the Nadina and Bulkley zones with gusts 30-35 and humidity values in the mid 20's.

CONFIDENCE: Models in good agreement today under the upper trough but there may be more precipitation in western Cassiar than indicated depending on how quickly the upper trough swings eastward. All models continue to show major wind event on Friday. Models keep strongest wind axis along the YT border but are unsure how far south wind field will spread. On Saturday some models are forecasting a return to rh values in the 20's in the south but not all in agreement. This would bring higher ISI values on Saturday to the south with higher windspeeds expected.

6 TO 10 DAY OUTLOOK...Sunday to Thursday of next week: Another disturbance moves through the Cassiar on Sunday with scattered showers associated. The NWFC remains in a broad upper trough next week with weak disturbances moving southeastward. Moderate to high humidity values forecast under this feature with no significant wind events expected.

ZONE FORECASTS

BULKLEY

Today Cloudy periods. Isolated showers or thundershowers. Winds westerly 10-15 km/h gusting 20-25 except local variable gusts to 60 in thundershowers. MAX TEMP: 24 to 27 C. MIN RH: 30-40%.

Tonight: Mainly cloudy. Isolated showers or thundershowers. Winds light and variable except local variable gusts to 60 in thundershowers. MIN TEMP: 8 to 12 C. MAX RH: 80-100%.

Tomorrow: Becoming mainly sunny. Winds westerly 10-15 km/h gusting 20-25. MAX TEMP: 20 to 24 C. MIN RH: 35-45%.

CHANCE OF LIGHTNING/DRY LIGHTNING:

Today: Isolated/Nil **Tonight:** Isolated/Nil **Tomorrow:** Nil/Nil

NADINA

Today Cloudy periods. Scattered showers or thundershowers. Winds southwesterly 10-15 km/h gusting 20-25 except local variable gusts to 60 in thundershowers. MAX TEMP: 20 to 23 C. MIN RH: 35-45%.

Tonight: Mainly cloudy. Scattered showers or thundershowers. Winds light and variable except local variable gusts to 60 in thundershowers. MIN TEMP: 8 to 12 C. MAX RH: 80-100%.

Tomorrow: Cloudy periods. Winds westerly 10-15 km/h gusting 20-25. MAX TEMP: 19 to 24 C. MIN RH: 35-45%.

CHANCE OF LIGHTNING/DRY LIGHTNING:

Today: Scattered/Nil **Tonight:** Scattered/Nil **Tomorrow:** Nil/Nil

SKEENA

Today: Mainly cloudy. Scattered showers with isolated thundershowers. Winds westerly 10-15 km/h gusting 20-25 except local variable gusts to 60 in thundershowers. MAX TEMP: 23 to 26 C. MIN RH: 30-40% except higher coastal areas.

Tonight: Mainly cloudy. Scattered showers with isolated thundershowers. Winds westerly 10 km/h. MIN TEMP: 10 to 13 C. MAX RH: 80-100%.

Tomorrow: Mainly cloudy. Scattered showers. Winds westerly 10-15 km/h gusting 20-25. MAX TEMP: 18-21C. MIN RH: 30-40% except higher coastal areas.

CHANCE OF LIGHTNING/DRY LIGHTNING:

Today: Isolated/Nil **Tonight:** Isolated/Nil **Tomorrow:** Nil/Nil

CASSIAR

Today: Sunny. Chance of a shower over western sections. Winds southwest 10-15 km/h gusting 20. MAX TEMP: 24 to 27C. MIN RH: 20-30%.

Tonight: Clear. Chance of a shower western sections. Winds southwest 10 km/h. MIN TEMP: 8 to 12 C. MAX RH: 70-90%.

Tomorrow: Sunny. Risk of an afternoon shower or thundershower over the Spatsizi Plateau. Winds southwest 10-15 km/h gusting 20. MAX TEMP: 20 to 23C. MIN RH: 30-40%.

CHANCE OF LIGHTNING/DRY LIGHTNING:

Today: Nil/Nil **Tonight:** Nil/Nil **Tomorrow:** Risk(E)/Nil

VENTING: Fair to good by late morning then becoming poor to fair by late evening.

Lightning Descriptor Reference Table:

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

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