

Northwest Fire Centre Fire Weather Forecast

ISSUED: 10:45 AM Wednesday August 30, 2023

VALID: through Friday September 8, 2023

SYNOPSIS: A slow moving upper trough is over the NWFC today bringing higher humidity values over all zones today. Some shower activity is expected over the Skeena and portions of the eastern Cassiar. Winds expected to be west to southwest today under the trough. Humidity values are forecast to remain moderate on Thursday as a weak upper ridge moves over the area. Winds expected to become more northwesterly over Bulkley and Nadina zones during the afternoon with stable conditions.

3 TO 5 DAY OUTLOOK...Friday to Sunday: **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 gusts 50-60 km/h forecast.** Lower windspeeds are forecast on Saturday in the Cassiar but ISI values expected to remain elevated with no precipitation forecast. Humidity values remain in the 20-30% range on Saturday over most zones. Light winds expected on Sunday with lower temperature and higher humidity values forecast. No precipitation expected with this disturbance through the outlook.

CONFIDENCE: Models continue to show strongest band of winds along the YT border with west to southwesterly winds on Friday. Models continue to show lower windspeeds on Saturday over the north with gusts to 40-50. Guidance is having problems with humidity values on Saturday with some dropping humidity values into the 20's under modified arctic air. Actual rh values will be decided with daytime high temperatures. All models are placing the fire center in a broad upper trough next week.

6 TO 10 DAY OUTLOOK...Monday to Friday of next week: An upper low moving through southern BC on Monday will bring shower activity to northwestern BC. NWFC remains in a broad upper level trough through next week. Higher humidity values and below seasonal temperatures forecast. The airmass will be slightly unstable so isolated shower activity is expected. Slow or little drying change in indices expected.

ZONE FORECASTS

BULKLEY

Today Becoming mainly sunny. Winds westerly 10-15 km/h gusting 20-25. MAX TEMP: 20 to 24 C. MIN RH: 40-50%.

Tonight: Mainly cloudy. Winds light and variable. MIN TEMP: 8 to 12 C. MAX RH: 80-100%.

Tomorrow: Mainly sunny. Winds northwesterly 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. Winds southwesterly 10-15 km/h gusting 20-25. MAX TEMP: 17 to 20 C. MIN RH: 40-50%.

Tonight: Mainly clear. Winds light and variable. MIN TEMP: 8 to 12 C. MAX RH: 80-100%.

Tomorrow: Mainly sunny. Winds northwesterly 10-15 km/h gusting 20-25. MAX TEMP: 19 to 22 C. MIN RH: 35-45%.

CHANCE OF LIGHTNING/DRY LIGHTNING:

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

SKEENA

Today: Mainly cloudy. Scattered showers. Winds westerly 10-15 km/h gusting 20-35. MAX TEMP: 18-21C. MIN RH: 40-50% except higher coastal areas.

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

Tomorrow: Mainly sunny. Winds northwesterly 10-15 km/h gusting 20-25. MAX TEMP: 20-24C. MIN RH: 35-45% except higher coastal areas.

CHANCE OF LIGHTNING/DRY LIGHTNING:

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

CASSIAR

Today: Mainly sunny. Chance of a shower over eastern sections. Winds southwest 10-15 km/h gusting 20-30. MAX TEMP: 19 to 21C. MIN RH: 35-45%.

Tonight: Mainly clear. Chance of a shower eastern sections. Winds southwest 10 km/h. MIN TEMP: 7 to 12 C. MAX RH: 70-90%.

Tomorrow: Mainly sunny. Winds southwest 10-15 km/h gusting 20-30. MAX TEMP: 20 to 22C. MIN RH: 35-45%.

CHANCE OF LIGHTNING/DRY LIGHTNING:

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