

Northwest Fire Centre Fire Weather Forecast

ISSUED: 10:30 AM Friday September 1, 2023

VALID: through Sunday September 10, 2023

Very high to extreme ISI values forecast today over the Cassiar and Bulkley zones.

SYNOPSIS: *Very high to extreme ISI values are forecast today over the Cassiar zone and Bulkley zones as a dry cold front moves southward.* Moderate to strong westerly winds are forecast in the wake of the front as it moves southward with humidity values in the 25-35% range. No precipitation expected with this system as it moves to be in an east to west line just north of Smithers by late afternoon. Winds are forecast to remain gusty overnight with an extended burning period associated to the Cassiar tonight. Poor recovery expected tonight in the northeastern Cassiar and portions of the Bulkley. Windspeeds are forecast to be a bit lower on Saturday but very high ISI values will persist in the Cassiar. In southern zones lower humidity values are forecast in a westerly subsident flow.

3 TO 5 DAY OUTLOOK...Sunday to Tuesday: Lower burning conditions expected on Sunday as higher humidity values and lower windspeeds combine over the NWFC. There is a chance of a shower or wet flurry over the Cassiar zone Sunday morning as cooler air moves southward from the YT. A disturbance is forecast to move into the north coast on Monday night spreading shower activity over southern sections on Tuesday morning and into the Cassiar on Tuesday afternoon.

CONFIDENCE: Models continue to show strongest band of winds along the YT border with west to southwesterly winds today. Southern extent of wind gusts has been consistent with strongest winds gusts from Smithers-northward. Models continue to show lower windspeeds on Saturday over the north with westerly winds and gusts 35-45 km/h. Models seem to be in agreement now of lower humidity values in the Bulkley and Nadina in subsidence Saturday afternoon. All guidance is showing lower burning conditions beginning on Sunday as a broad upper trough moves over the NWFC. Models are having problems with timing of disturbance moving through the upper trough through next week.

6 TO 10 DAY OUTLOOK...Wednesday to Sunday of next week: Conditions stabilize on Wednesday and Thursday ahead of another upper trough moving eastward into the coast on Friday evening. This system will spread scattered precipitation into the NWFC on Saturday with higher windspeeds expected.

ZONE FORECASTS

BULKLEY

Today Mainly sunny. Winds increasing to westerly 20-30 km/h gusting 35-50. MAX TEMP: 24 to 26 C. MIN RH: 30-40%.

Tonight: Cloudy periods. Winds becoming westerly 10-15 km/h near midnight. MIN TEMP: 8 to 12 C. MAX RH: 50-80%.

Tomorrow: Mainly sunny. Winds westerly 15-20 km/h gusting 30-40. MAX TEMP: 19 to 22 C. MIN RH: 20-30%.

CHANCE OF LIGHTNING/DRY LIGHTNING:

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

NADINA

Today Mainly sunny. Winds increasing to westerly 15-25 km/h gusting 30-40. MAX TEMP: 22 to 24 C. MIN RH: 30-40%.

Tonight: Cloudy periods. Winds becoming westerly 10-15 km/h near midnight. MIN TEMP: 8 to 12 C. MAX RH: 50-80%.

Tomorrow: Mainly sunny. Winds westerly 10-15 km/h gusting 25-35. MAX TEMP: 19 to 21 C. MIN RH: 20-30%.

CHANCE OF LIGHTNING/DRY LIGHTNING:

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

SKEENA

Today: Cloudy periods. Winds increasing to westerly 15-25 km/h gusting 30-40. MAX TEMP: 23-25C. MIN RH: 35-45% except higher coastal areas.

Tonight: Mainly clear. Winds westerly 10-15 km/h. MIN TEMP: 10 to 13 C. MAX RH: 70-100%.

Tomorrow: Cloudy periods. Winds westerly 15 km/h gusting 20-25. MAX TEMP: 18-21C. 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. Winds westerly 30-40 km/h gusting 50-65. MAX TEMP: 18 to 20C. MIN RH: 25-35%.

Tonight: Mainly clear. Winds west to southwest 20-25 km/h gusting to 30-40 overnight. MIN TEMP: 9 to 12 C. MAX RH: 50-70%.

Tomorrow: Cloudy periods. Chance of a shower developing Saturday evening. Winds westerly 25-35 km/h gusting 40-50. MAX TEMP: 14 to 18C. MIN RH: 30-40%.

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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