

Northwest Fire Centre Fire Weather Forecast

ISSUED: 10:45 AM Thursday August 31, 2023

VALID: through Saturday September 9, 2023

Very high to extreme ISI values forecast on Friday over Cassiar zone.

SYNOPSIS: A weak upper ridge will bring weak stabilization to the NWFC today. Winds expected to be northwesterly through southern zones becoming west to southwest over the Cassiar zone. Tonight, a system will begin to intensify in the YT. This disturbance will bring a dry cold front into the northern Cassiar by Friday morning. The front will move southward on Friday to be in an east-west line just north of Smithers by late afternoon. *Very high to extreme ISI values are forecast over the Cassiar zone as the cold front moves southward.* Moderate to strong westerly winds forecast in the wake of the front as it moves southward with humidity values in the 25-35% range.

3 TO 5 DAY OUTLOOK...Saturday to Monday: 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. A weak disturbance moves into the Skeena on Sunday with isolated showers in southern sections while lower humidity values persist in the Cassiar. Below seasonal temperatures and higher humidity values expected on Monday with isolated showers in the Cassiar.

CONFIDENCE: Models continue to show strongest band of winds along the YT border with west to southwesterly winds on Friday. 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 gusts to 35-45. Models are beginning to pick up a series of disturbances moving through the south beginning Sunday. Confidence is fair to poor with these systems and will have to see if models continue to forecast these disturbances in future runs All models are placing the fire center in a broad upper trough next week.

6 TO 10 DAY OUTLOOK...Tuesday to Saturday of next week: An upper low moving through southern BC on Tuesday will bring periods of rain to the southern end of the fire center with BUI values trending lower. On Thursday a disturbance will move through the Cassiar with scattered showers and the risk of a wet flurry. NWFC remains in a broad upper level trough through the outlook

ZONE FORECASTS

BULKLEY

Today Cloudy periods. Winds northwesterly 10-15 km/h gusting 20-25. MAX TEMP: 20 to 24 C. MIN RH: 30-40%.

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

Tomorrow: Mainly sunny. Winds increasing to westerly 20-30 km/h gusting 35-45. MAX TEMP: 24 to 26 C. MIN RH: 30-40%.

CHANCE OF LIGHTNING/DRY LIGHTNING:

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

NADINA

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

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

Tomorrow: Mainly sunny. Winds increasing to westerly 15-20 km/h gusting 25-35. MAX TEMP: 24 to 26 C. MIN RH: 30-40%.

CHANCE OF LIGHTNING/DRY LIGHTNING:

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

SKEENA

Today: Cloudy periods. Isolated showers coastal sections. Winds northwesterly 10-15 km/h gusting 20-25. MAX TEMP: 20-24C. MIN RH: 35-45% except higher coastal areas.

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

Tomorrow: Cloudy periods. Winds increasing to westerly 15-20 km/h gusting 25-30. MAX TEMP: 23-25C. 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 southwest 10-15 km/h gusting 20-30. MAX TEMP: 20 to 22C. MIN RH: 30-40%

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

Tomorrow: Mainly sunny. Winds westerly 30-40 km/h gusting 50-60. MAX TEMP: 18 to 20C. MIN RH: 25-35%.

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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