Kamloops Fire Centre Fire Weather Forecast

Valid: Wednesday, 30 August 2023, 11:45 AM

SYNOPSIS:
The upper trough that crossed the region yesterday has developed a closed low which is moving southeast of the region. Remnant showers in the wrap-around moisture from this low are expected to end by early afternoon, although isolated thunderstorms are forecast to develop near Wells Gray with a risk in North Thompson and Shuswap. Mainly cloudy skies will prevail for the rest of the day, but the next upper trough along the coast will begin to move inland, bringing more showers to the region starting tonight. The showers will continue tomorrow as the trough will be positioned over the region. Temperatures will be significantly cooler, but winds will be light.

OUTLOOK:
An upper low develops in the trough south of the region tomorrow night and a weak upper ridge will build into central BC from the Pacific for Friday. No precipitation is forecast, and temperatures will warm into the low to mid-twenties with and variable winds. The ridge is weakened and pushed south to be over southern BC on Saturday by a trough in the north. With drier conditions temperatures will reach the mid-twenties to near thirty degrees. Winds will be light south to southwest. A cold front will cross the region Sunday with showers or thunderstorms. Winds will be light to moderate west to southwest and temperatures will cool to the low to mid-twenties. Monday will see a zonal flow behind the front with light to moderate west to south winds and temperatures in the low to mid-twenties. Upslope showers will occur in North Thompson and Monashees. An upper trough approaching Tuesday will keep the region cooler and unsettled.

CONFIDENCE/DISCUSSION:
Fair. Confidence is good in the general pattern, but locations and amounts of rainfall are not certain. Models are still over-forecasting amounts in some areas, but generally 5 mm with locally higher amounts are possible. The risk of thunderstorms tomorrow will be through central parts of the region. North Thompson and southern sections of Merritt and Penticton zones will not see the risk. Winds today may still exhibit some gustiness but will be lighter tomorrow.

Details surrounding the cold front Sunday will require further model runs to determine the details.

WINDS ALOFT: KAMLOOPS

1000m – NW 10 km/h
2000m – W 10 km/h
3000m – W 20 km/h

ZONE FORECASTS

PENTICTON AND MERRITT ZONES
TODAY: Mainly cloudy.
MAX TEMP: 20° to 24°. MIN RH: 30% to 70%.
WINDS: S-W 10 to 20 G 30 km/h.
TONIGHT: Mainly cloudy with isolated showers beginning by late evening.
MIN TEMP: 12 to 16°. MAX RH 60% to 100%.
WINDS: Becoming light and variable.
TOMORROW: Mainly cloudy with scattered showers and risk of a thunderstorm.
MAX TEMP: 16° to 20° in Merritt zone and 20 to 24° in Penticton zone. MIN RH: 40% to 90%.
WINDS: W-NW 10 to 20 km/h.

FORECAST LIGHTNING/DRY LIGHTNING
Today: Nil / Nil
Tonight: Nil / Nil
Tomorrow: Risk / Risk

LILLOOET, KAMLOOPS AND VERNON ZONES
TODAY: Mainly cloudy. Isolated thunderstorms in Wells Gray with a risk in Shuswap.
MAX TEMP: 24° to 28°. MIN RH: 30% to 70%.
WINDS: S-W 10 to 20 G 30 km/h.
TONIGHT: Mainly cloudy with isolated showers beginning by late evening. Isolated thunderstorms near Wells Gray with a risk in Shuswap.
MIN TEMP: 12 to 16°. MAX RH 60% to 100%.
WINDS: Becoming light and variable.
TOMORROW: Mainly cloudy with scattered showers and risk of a thunderstorm.
MAX TEMP: 16° to 20°. MIN RH: 40% to 90%.
WINDS: W-NW 10 to 20 km/h.

FORECAST LIGHTNING/DRY LIGHTNING
Today: Isolated / Isolated
Tonight: Isolated / Isolated
Tomorrow: Risk / Risk

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