

ISSUED: 1130 am Wednesday June 22, 2022

SYNOPSIS A well-organized upper low near Terrace late this morning will accelerate southeast today, reaching Nazko late this afternoon. The resulting unstable S-SW upper flow over the fire centre will cause a few convective showers to develop with daytime heating. There will be isolated to scattered wet thundershowers associated. High pressure building along the coast will tighten pressure gradients and moderate and gusty W-NW winds are expected to develop early this afternoon over the Chilcotin and late this afternoon/early evening near and east of the Fraser. Near thundershowers higher wind gusts of 50-60 km/h are possible. It will be cool with highs in the low to mid-teens. Min RHs will be in the 50s -60s and above with drier pockets of 30s over the southern Chilcotin and 100 Mile.

Tonight, the upper low will cross the fire centre. Scattered showers will continue through the night with isolated thundershowers continuing this evening and possibly overnight. Gusty northwest winds will continue this evening; it will stay windy over 100 Mile through the night. Overnight lows zero to plus 3 Chilcotin and plus 3 to 7 east of the Fraser.

The upper low will swing east of Calgary by Thursday afternoon. The resulting N-NE flow will still be more stable than today but a mix of sun and cloud with isolated showers is forecast throughout the fire centre. No lightning is forecast. Winds will be light and gusty N-NW, a little lighter than today's winds. Temperatures will recover near the Fraser and in the Chilcotin with highs in the mid to upper teens. But east of the Fraser highs will still be mostly in the low teens. RH's trending down.

3 TO 5 DAY OUTLOOK...Friday to Sunday: A change in the pattern begins Friday as a flat upper ridge develops off the coast leaving the fire centre in light NW flow aloft. Skies will be mostly to partly sunny with temperatures recovering to near seasonal averages. (highs upper teens to low twenties). Minimum RHs in the 30s and 40s. The airmass will be slightly unstable and there still could be isolated showers developing with daytime heating east of the Fraser. Winds will be light NE as a surface thermal trough develops along the east side of the Coast Range.

Little change in the upper pattern for the weekend with the ridge staying offshore but heights rise to above 576 dam over the fire centre. There will be minor features moving through the NW flow aloft and there may be afternoon cumulus build-ups in the mountains. Otherwise mainly sunny with a modest warming trend continuing. Highs reaching the mid to upper twenties by Sunday. A surface thermal trough will continue near the coast mountains giving light E to NE winds.

CONFIDENCE: Moderate and gusty NW winds will develop this afternoon. Looking at gusts in the 40 to 50 km/h late this afternoon and this evening. Near thundershowers gusts could reach 60 km/h and will consider issuing a wind advisory depending on how conditions unfold in the next few hours.

Models now showing the upper ridge staying a little more offshore from Friday through the weekend. But still looking at dry conditions and a warming trend. Only issue might be high based, daytime convection in the coast mountains near the thermal trough.

WINDS ALOFT: Puntzi Mountain

1000 m NW 30 km/h, 2000 m NW 40 km/h. 3000m W 40 km/h.

6 TO 10 DAY Monday to Friday: Very warm and dry on Monday as the upper ridge finally moves inland and right over the fire centre. Current indications show a ridge breakdown on Tuesday giving a chance of convection and lightning. Thereafter the models suggest a broad -but not very deep- upper low developing over the interior. So temperatures will fall back seasonal but there will be a chance of convection and lightning each day.

WEST OF FRASER

TODAY: Mainly cloudy. A few showers (70 % chance) developing this afternoon. Isolated wet thundershowers. Winds NW 10-20 km/h becoming NW 20-30 km/h G40-50 early this afternoon. Gusts 50-60 km/h possible near thundershowers. MAX TEMP: 11-15. MIN RH 26 to 40 % except 50-60 north.

TONIGHT: Mainly cloudy with a few evening showers and isolated wet thundershowers. Partly cloudy overnight with isolated showers. Winds NW 20 km/h G40-50 easing late this evening. Gusts to 50-60 km/h near evening thundershowers. MIN TEMP: minus 1 to plus 3. MAX RH: 75-95 %

THURSDAY: A mix of sun and cloud. Isolated afternoon showers. Winds NW 15 km/h gust 25-30. MAX TEMP: 13-19. MIN RH 25 to 35 %

CHANCE OF LIGHTNING/DRY LIGHTNING

Today: 40%/10%. Tonight: 40%/10% Tomorrow: 0%/0%

Venting: Good today and Thursday.

EAST OF FRASER

TODAY: Mainly cloudy. Isolated showers becoming widespread early this afternoon. Scattered wet thundershowers. Winds NW 10-15 km/h becoming NW 20 km/h gust 40-45 late this afternoon. Gusts to 50-60 km/h near thundershowers. MAX TEMP: 11 to 16. MIN RH: 35 to 65%.

TONIGHT: Mainly cloudy with a few evening showers. Scattered wet thundershowers. Showers becoming isolated overnight. Winds NW 20-25 gust 40-50 km/h easing late this

evening except winds persisting over 100 Mile. Higher gusts possible near thundershowers.
MIN TEMP: plus 3 -7. MAX RH: 70 to 90 %.

THURSDAY: Cloudy with sunny periods. Isolated afternoon and evening showers. Winds N-NW 15-20 km/h gust 30-40 km/h (strongest winds near 100 Mile). MAX TEMP: 12 to 17. MIN RH: 35 to 55%.

CHANCE OF LIGHTNING/DRY
LIGHTNING

Today: 60%/10%. Tonight: 60%/10% Tomorrow: 0%/0%

Venting: Good today and Thursday.