

Next forecast will be issued: 1100 January 23rd 2019

For Today: Temperatures across the province will range from -19C in the northern boreal to +1C in the southwest boreal with temperatures in the eastern Rockies hovering around the freezing mark. Relative humidity values will be high with 55%+ in most of the boreal forest with the exception of LB which will see RH values between 40-50%. RH values will be 30-40% along the eastern Rockies. Winds in the boreal forest will be W 10-15km/h with the western boreal experiencing more variable winds. Winds along the eastern Rockies will be W-SW 10-15km/h with the southern slopes having W-SW 20-40km/h winds. Generally stable day with some isolated light flurries in the boreal forest.

For Tomorrow: A surface low will develop in central Alberta creating a tight pressure gradient along the eastern Rockies which will give wind speeds of W-SW 35-40G60-65km/h along the slopes with the southern Rockies having stronger wind speeds of W-SW 70G100km/h. Elsewhere, in the boreal forest wind speeds will generally be N-NW 20-25G35-45km/h. A cold front will be attached to the low pressure center and by tomorrow evening the cold front will be extending from Lac La Biche to Peace River. Temperatures will range from -21C to -16C in the northern boreal and between -6C to +2C in the southern boreal. Temperatures along the eastern Rockies will be between -1C to +3C. RH values along the eastern Rockies will be 30-40% with local values dropping as low as 25%. RH values in the boreal forest will be 70+% with some areas seeing 95-100% RH values. The low pressure center will be giving scattered flurries across the boreal forest of 1-3cm.

Outlook for Wednesday: An arctic high will move into the province giving temperatures between -27C in the northeast boreal to -13C in the southwest boreal. The eastern Rockies will have temperatures hovering around the freezing mark early in the day with 40-50% RH values but temperatures will drop to -10C with 60+% RH values as soon as the arctic air mass moves in. Winds will be E-SE 10-20km/h along the slopes with the mountain parks having SW 10-15km/h winds. Winds in the boreal forest will be SW 10-20km/h. Scattered flurries expected along the eastern Rockies of 1-3cm.

Meteorologist: Schofield