

## **Special Agriculturally Focused Weather Statement, as of September 11, 2018**

A cold arctic air mass is currently moving into the province from the north. This system will bring a mix of snow and rain to many agricultural areas over the next few days, affecting much of the Peace Region, extending down as far as Red Deer, and into most areas under the influence of the foot hills, south of this. In behind this system the skies will clear bringing frost, as cold dry air lingers until early next week. Early next week we should see a trend away from the northerly flow, bringing warmer but still unsettled weather to most of the provinces agricultural areas.

Across the Peace Region expect a rain and snow mix starting tonight (Tuesday September 11<sup>th</sup>). By Wednesday skies will clear and the temperatures will dip below zero. Total precipitation accumulations are not expected to exceed about 20 mm.

By Wednesday night the system will be affecting a large area south of Slave Lake and north of the Yellowhead Highway. Expect to see a mix of snow and rain with total amounts ranging from 10 to 30 mm with areas under the influence of the foot hills, likely to see accumulations at the higher end of this range. Frost is anticipated in behind this system under clearing skies, as it continues to push south.

Between Red Deer and the Yellowhead Highway accumulations will be moderately lower, again with a rain snow mix expected. Here amounts of 10 to 20 mm are likely, with the upper end of this range expected closer to the foothills. Once again frost is likely in its wake, under clearing skies early Saturday.

Over the weekend, south of Red Deer and west of Highway 2, all the way to the US border, snow and rain are forecast. Moving east of Highway 2 accumulations will taper off. Again frost is expected in many areas.

Early next week we should see a pattern shift from northerly winds to more westerly flows that will bring a warming trend and more seasonal weather for this time of year.

Special thanks goes out the Meteorologists with AF's fire weather section for this forecast.

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