

# Agricultural Moisture Situation Update

October 24, 2019

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## Precipitation accumulations over the past 5-days (Map 1)

At the start of the week October 20<sup>th</sup> yet another storm system brought additional rain and cool temperatures to much of the east-half of the province and most of the Peace Region.

Across the agricultural areas, rainfall totals were greatest through the central Peace Region with 10-15 mm falling. This wet area extended south through Athabasca to Cold Lake, and down along the Saskatchewan border as far as the Special Areas, where 5-10 mm fell. This was enough to further delay harvesting activities.

In contrast, the western half of the province, extending roughly from Barrhead down to the US border saw light accumulations, generally not exceeding 2mm. Similar accumulations were recorded across the extreme northern Peace Region.

## Precipitation accumulations over the past 30 days (Map 2)

For the most part, the fall has been wet and cool across most of the province. Unfortunately, the patterns of wet weather are frequent and significant for this time of year (>5mm), and the in-between dry spells have been short, hampering harvesting activities, where crops are still out in the fields.

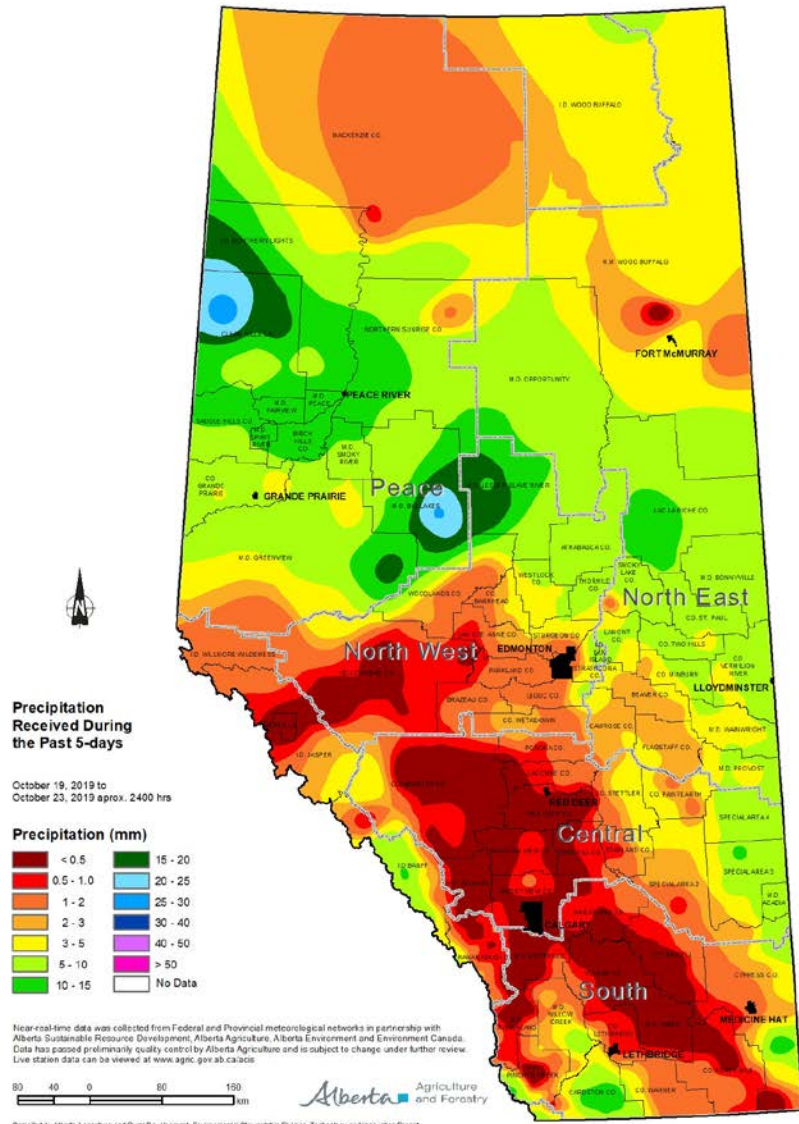
Since September 25<sup>th</sup> a large area extending north and east of Edmonton has received over 30 mm of moisture. Across the southern and southwestern Peace Region accumulations have exceeded 40 mm. Southern Alberta has also been relatively wet, with areas in and around Lethbridge receiving well over 45 mm. Two of these events in southern Alberta, fell as snow, both roughly a week apart. The first snowfall occurred on the 28<sup>th</sup> of September, and the second one on October 8<sup>th</sup>.

## Forecast for the weekend (special thanks to the Fire Weather Section)

The cool wet weather at the start of the week gave way briefly to a high pressure ridge that allowed a few days of drying during Wednesday and Thursday.

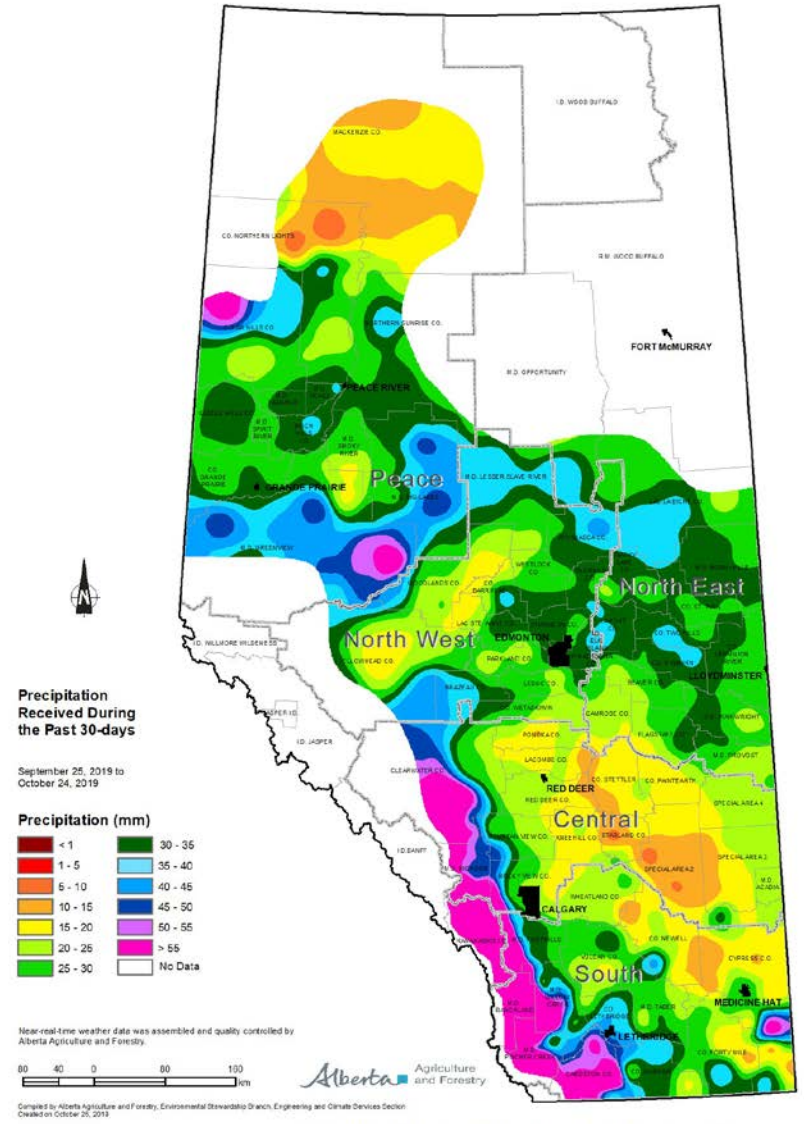
Unfortunately, another cold front is now making its way through the province. This afternoon (Oct 25) a rain snow mix fell throughout most of the southern Peace Region. As this system pushes south and eastward, more moisture is expected to fall over the next few days, affecting most of the province down to the US border. Temperatures will likely remain cold enough for at least some of this moisture to fall as snow.

Map 1



Visit [weatherdata.ca](http://weatherdata.ca) for additional maps and meteorological data

Map 2



Visit [weatherdata.ca](http://weatherdata.ca) for additional maps and meteorological data