

Agricultural Moisture Situation Update

September 18, 2019

Rainfall since September 14, 2019 (Map 1)

Over the past 5 days rainfall has been highly variable over the province, ranging from less than 1 mm of accumulation across most of the east-half of the province and throughout the south, to upwards of 30 mm in the extreme northern Peace Region.

In general, wet weather has persisted throughout the western-halves of both the Central Region and the North West, where some areas have seen 15 to 20 mm moisture over the past few days. Similarly, the extreme northern Peace Region has received nearly 30 mm of recent rain and parts of the southern Peace region up to 15 mm. In contrast, the central Peace Region has been relatively dry with most areas receiving less than 10 mm.

Rainfall since August 24, 2019 (Map 2)

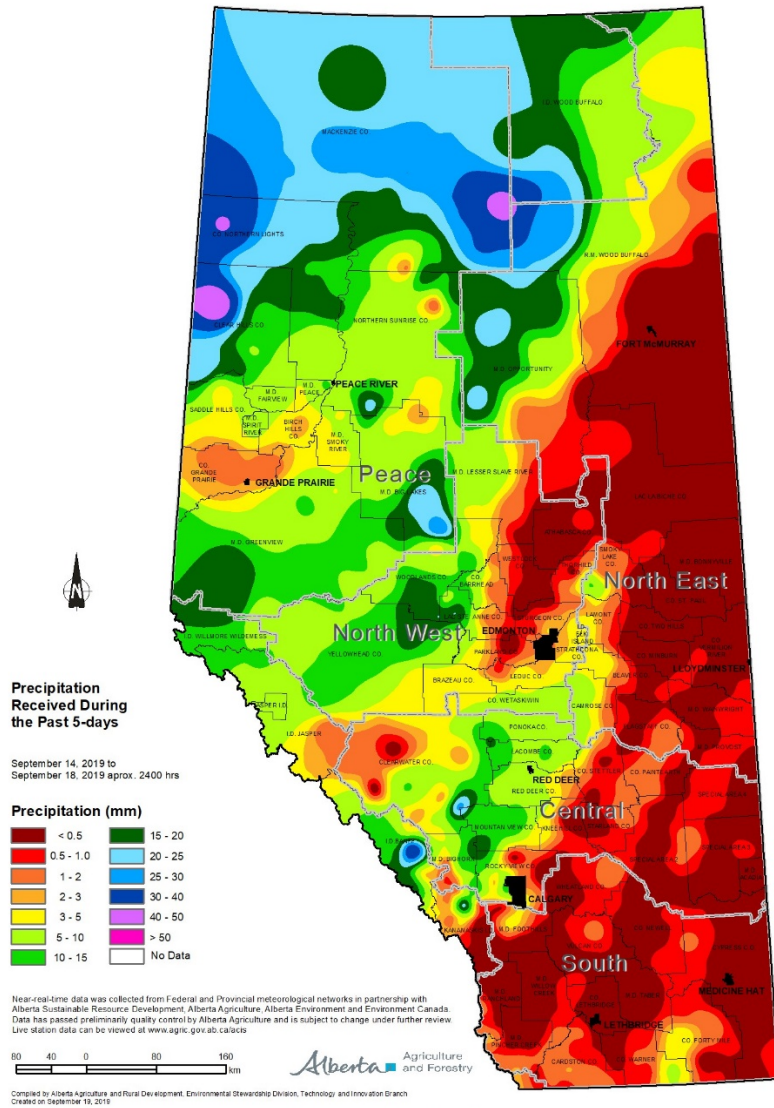
Since late August, wet weather has been a concern for the western half of the North West Region, and the extreme southern portions of the Peace Region where some areas have seen upwards of 100 mm of rain. For the agricultural areas in these largely forested zones, lands would benefit greatly from warm dry weather in the coming weeks as the end of the harvest season begins to approach.

Frost areas as of September 18, 2019 (Map 3)

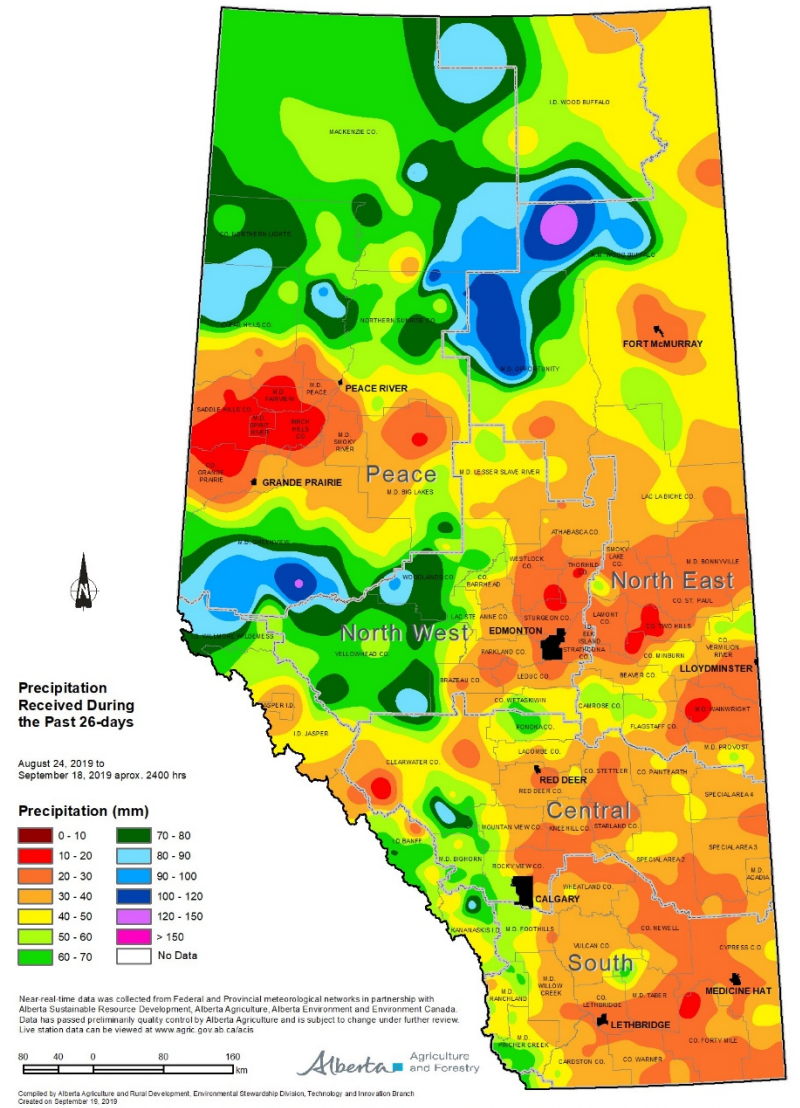
So far, most of the agricultural areas have escaped damaging killing frosts, typically considered to occur when temperatures dip below -4 c for at least a few hours. As of September 18th most of the Peace Region has seen a few light frosts, with overnight lows rarely dipping below -2c. These occurred over two distinct periods, one centered on September 10th with temperatures dipping below zero for less than 5 hours, and also early on September 17th and 18th, both lasting less than 4 hours.

Elsewhere, lands affected by frost areas are generally widely scattered through all regions, with most areas seeing frosts in the -1c to range with temperatures remaining below zero for less than three hours. Note that localized areas with low-lying lands that tend to collect cool air may experience temperatures lower than what may be depicted on this map.

Map 1



Map 2



Map 3

