

## Moisture Situation Update – August 31 2017

### Synopsis:

Dry conditions continue across much of the Central and Southern Regions with no rainfall in the past two weeks, but most of the Peace Region received significant rainfall in the range of 10 to 40 mm, while the Northern Region received 5 to 20 mm.

Growing season rainfall accumulations relative to the long-term normal (see **Map 1**) have been below near normal in most of the Central and Southern Regions, whereas M.D. Foothills, Rocky View County and Special Area 2 were the driest with very low to extremely low accumulations. In the Peace Region, accumulations varied from moderately high to near normal in the south to moderately low to low in the northern portion of the region. In contrast, rainfall accumulation in the Northern Region was at least near normal and moderately high to very high along the northern and eastern portions of the region including isolated pockets of extremely high and a wettest condition in the Athabasca County. Most of the rainfall for the Northern Region occurred in June and July. See **Map 2** for rainfall accumulations.

As of August 31, 2017, the soil moisture reserves relative to normal (see **Map 3**) across most of the Central and Southern Regions were relatively dry and highly variable, ranging from once in 12 to 25 years lows, in part of the central and most of the western half of the regions, including pockets of once in 50 years low in the western portions of the regions. Reserves in the Peace Region varied from near normal in the south to moderately low to low in the northern part of the region. In contrast, reserves in the Northern Region varied from moderately low in the south to near normal to very high (once in 12 to 25 years wet) across the northern and eastern part of the region.

Average daily temperature since mid-August, have been moderately warm and near normal, across most of the agricultural area but warm to extremely warm conditions prevailed along the southern foothills areas and the northern portion of the Peace Region. Let's hope for harvest favorable weather conditions in the coming weeks.

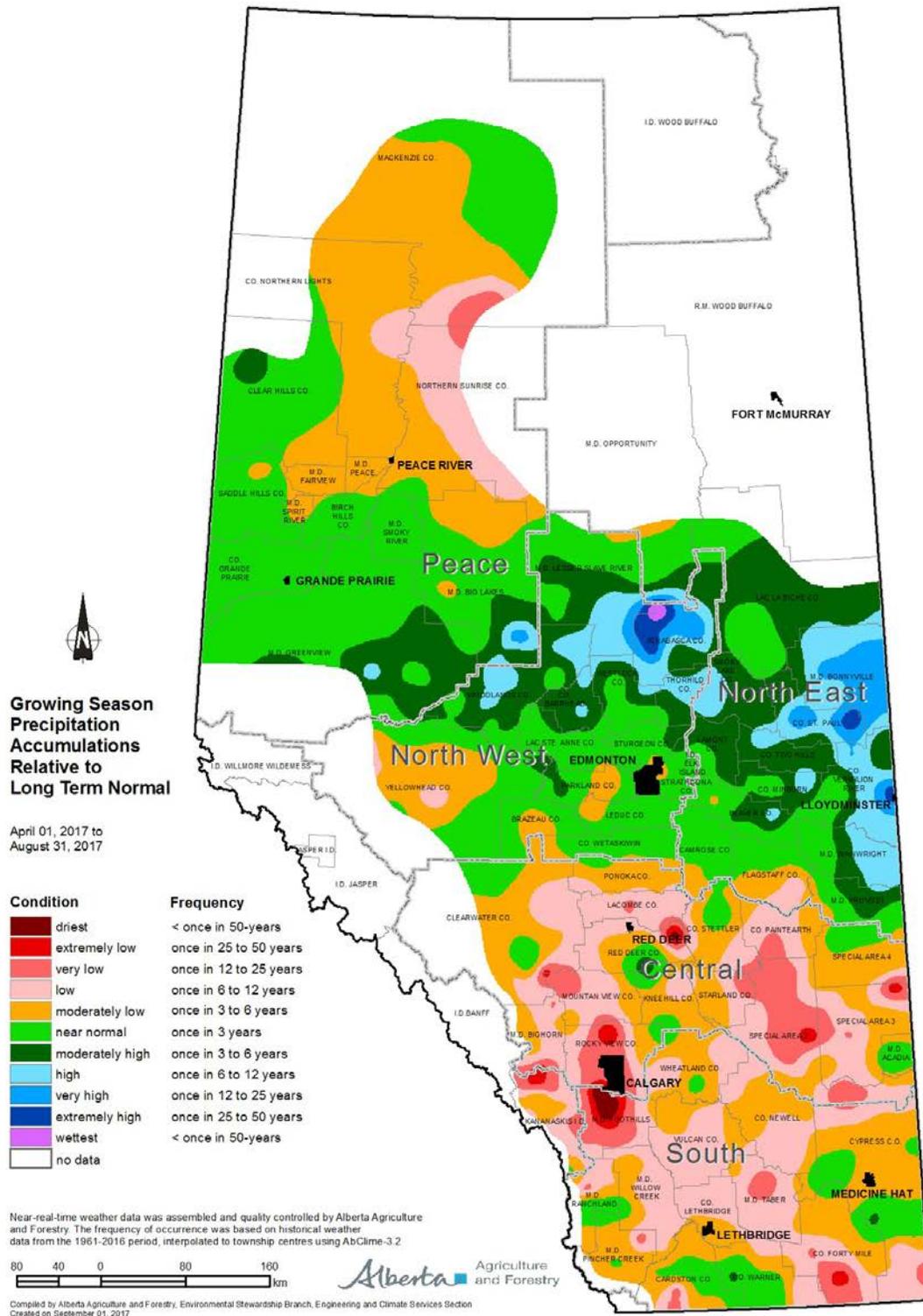
**Near-real-time hourly station** data can be viewed/downloaded at [www.agriculture.alberta.ca/stations](http://www.agriculture.alberta.ca/stations)

**Note:** Data has about a two hour lag and is displayed in MST.

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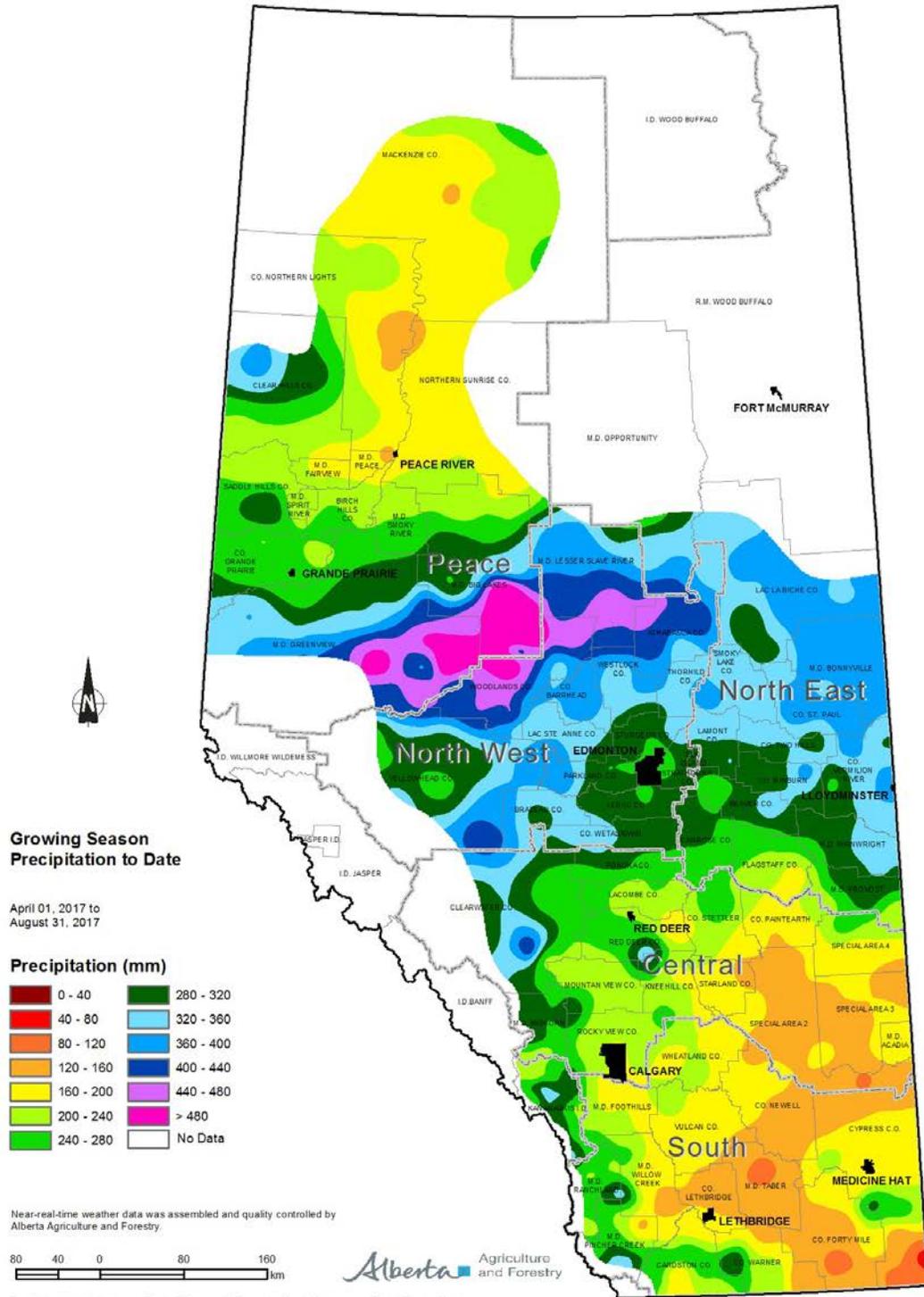
Map 1



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

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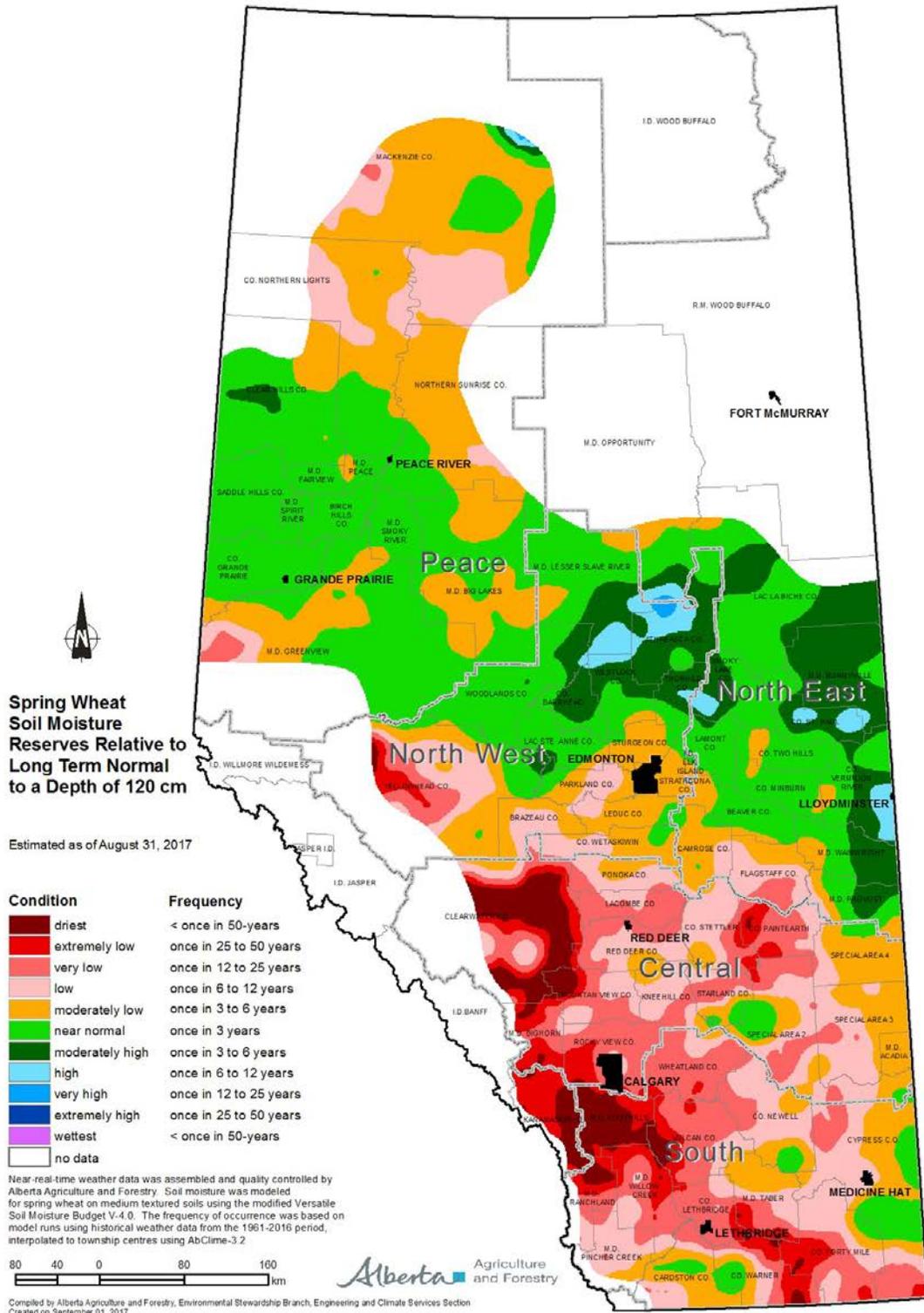
## Map 2



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## Map 3



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