

Moisture Situation Update – July 2, 2019

Rainfall since the last report June 25, 2019 (Map 1)

A very significant rainfall in the range of 40 to 125 mm was recorded in the relatively moist to wet areas of the province mainly in southern part of the Peace Region, most of the North West, portion of the North East, as well as the western part of the Central Region.

Rainfall in most part of the rest of the province varied from 10 to 40 mm, with the exception of scattered isolated pockets with no rainfall since June 26th.

The dry area in the eastern portions of the Central and Southern Regions of the province received significant rainfall of 30 to 50 mm.

Growing season precipitation relative to long term normal (Map 2)

Growing season precipitation accumulation in southern corner of the Peace Region, in most of the Northern region, the western half portion of the Central Region and along the southern Foothills varied from near normal to isolated pockets of high to very high.

Growing season precipitation accumulation in the rest of the province varied from moderately low to isolated pockets of very low with the exception of a large pocket in the Southern Region where it varied from low to extremely low. More rainfall will be needed soon in these dry areas to meet crops peak consumptive water uses demands.

Soil moisture reserves relative to long term normal (Map 3)

Currently, soil moisture reserves under Spring Wheat varied from near normal to very high in the southern corner of the Peace Region, in most part of the Northern and Central Regions and along the southern Foothills.

Soil moisture reserve in most of the Southern and Peace Region varied from moderately low to isolated pockets of very low to extremely low.

Average daily mean temperature relative to long term normal in the past 60 days (Map 4)

Average daily mean temperature during the last 60 days was near normal across the plains decreasing to moderately cool to cool, mainly in the extended area centered in the Central Region, with the exception of a pockets of moderately warm areas south of Calgary. In contrast, average mean daily temperature in the last 60 days in most of the Peace Regions varied from moderately warm to warm in isolated pockets. More heat units are need across the plains portions of the province.

Near-real-time hourly station data can be viewed/downloaded at

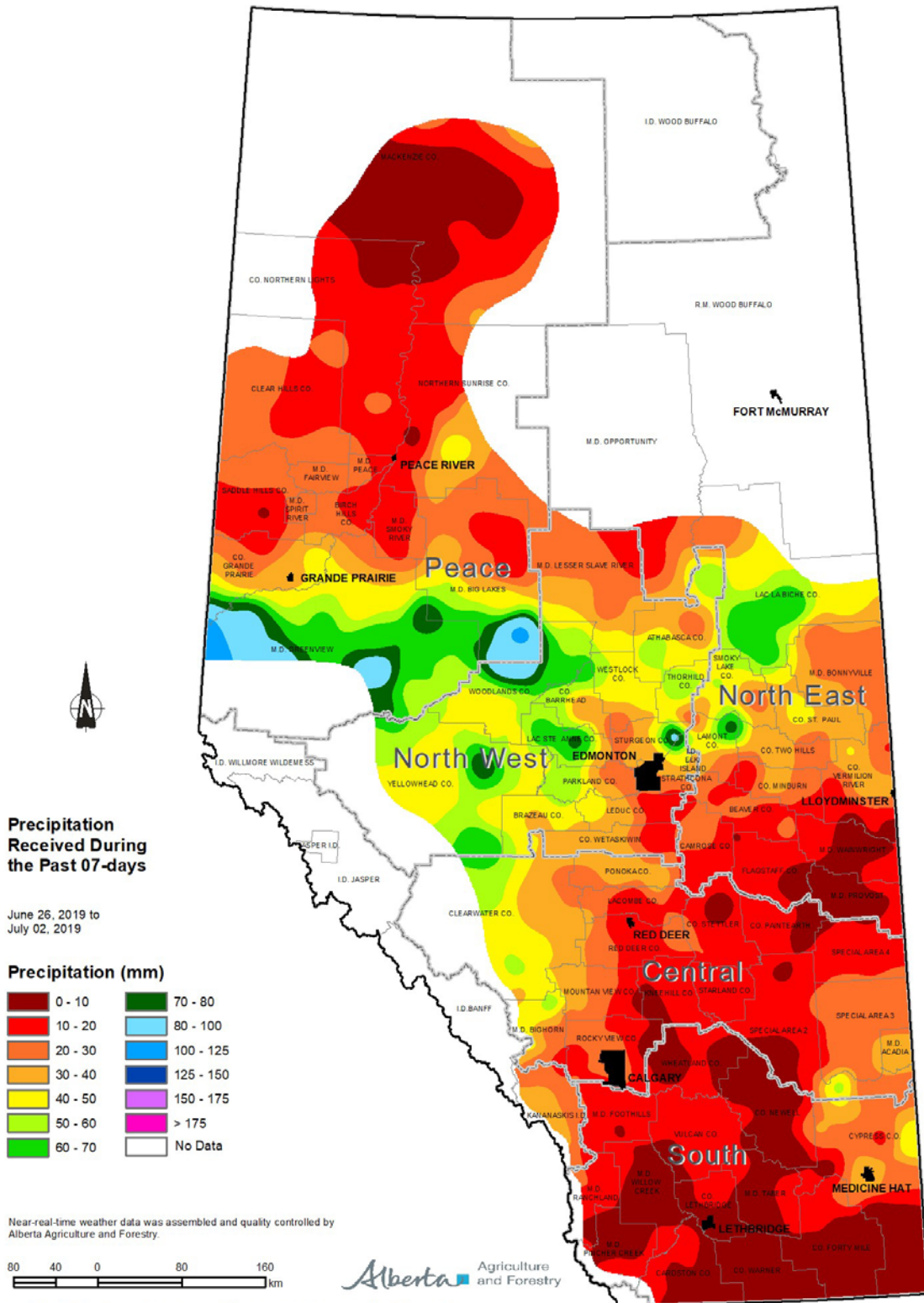
www.agriculture.alberta.ca/stations

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

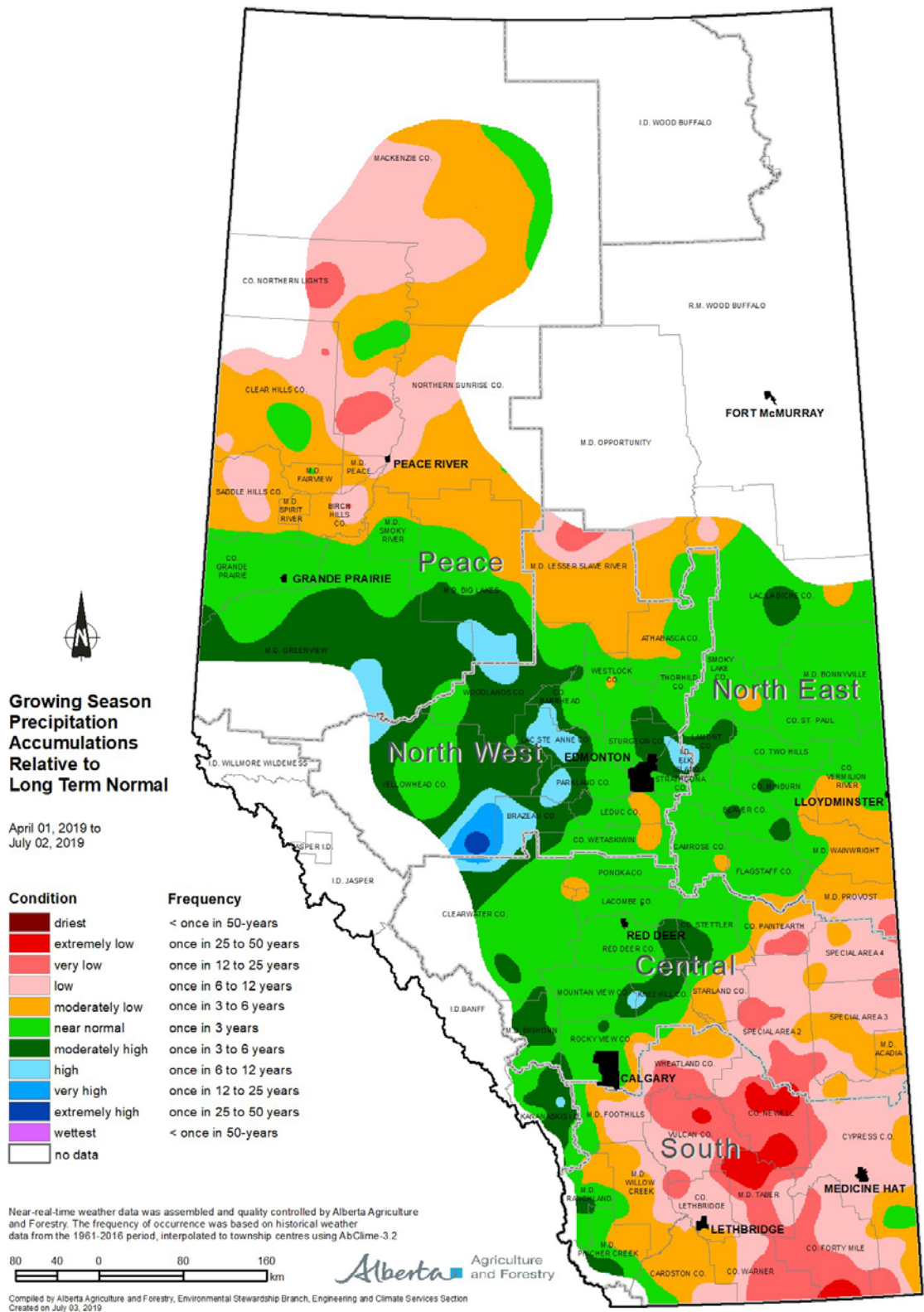
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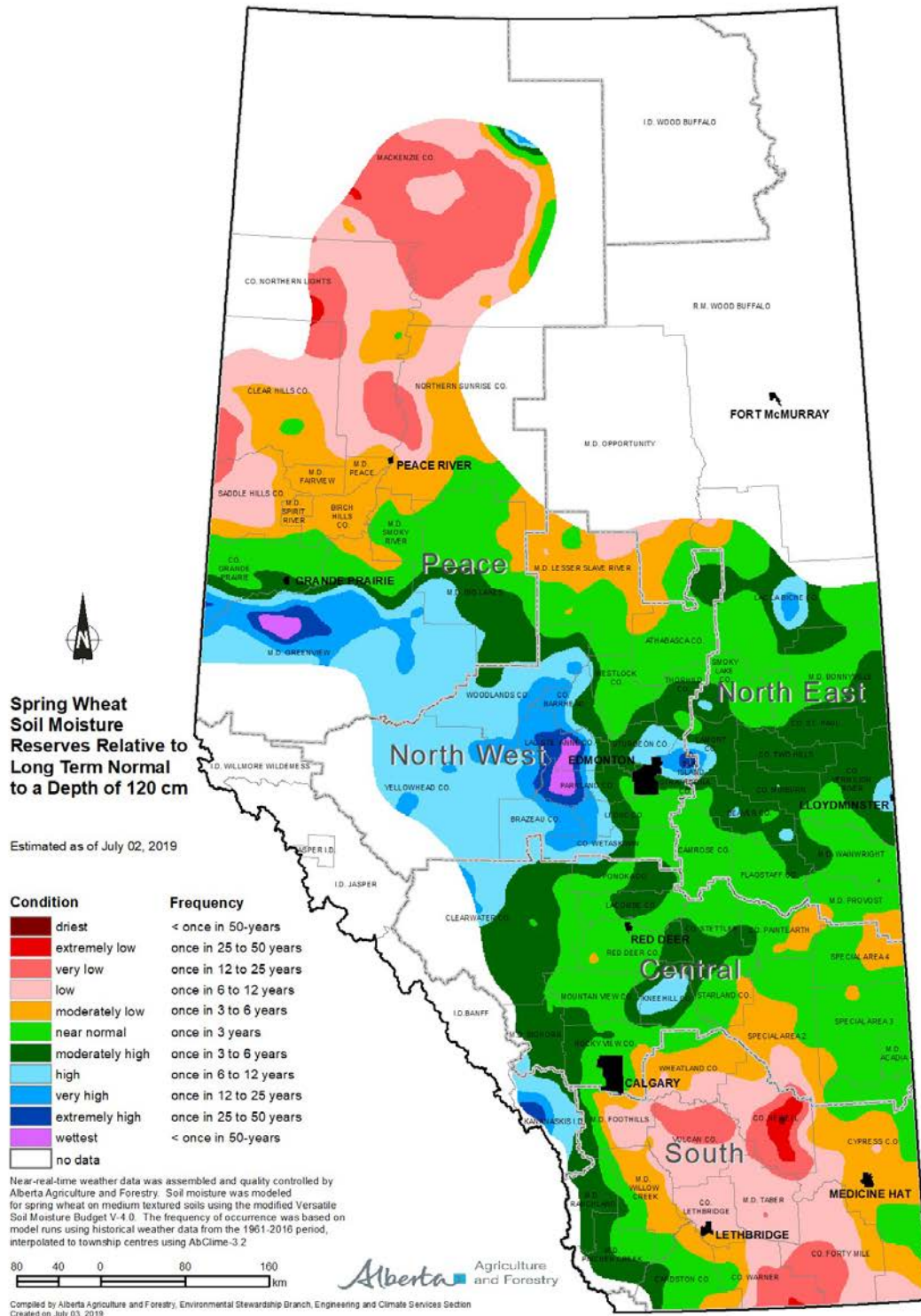
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Map 1



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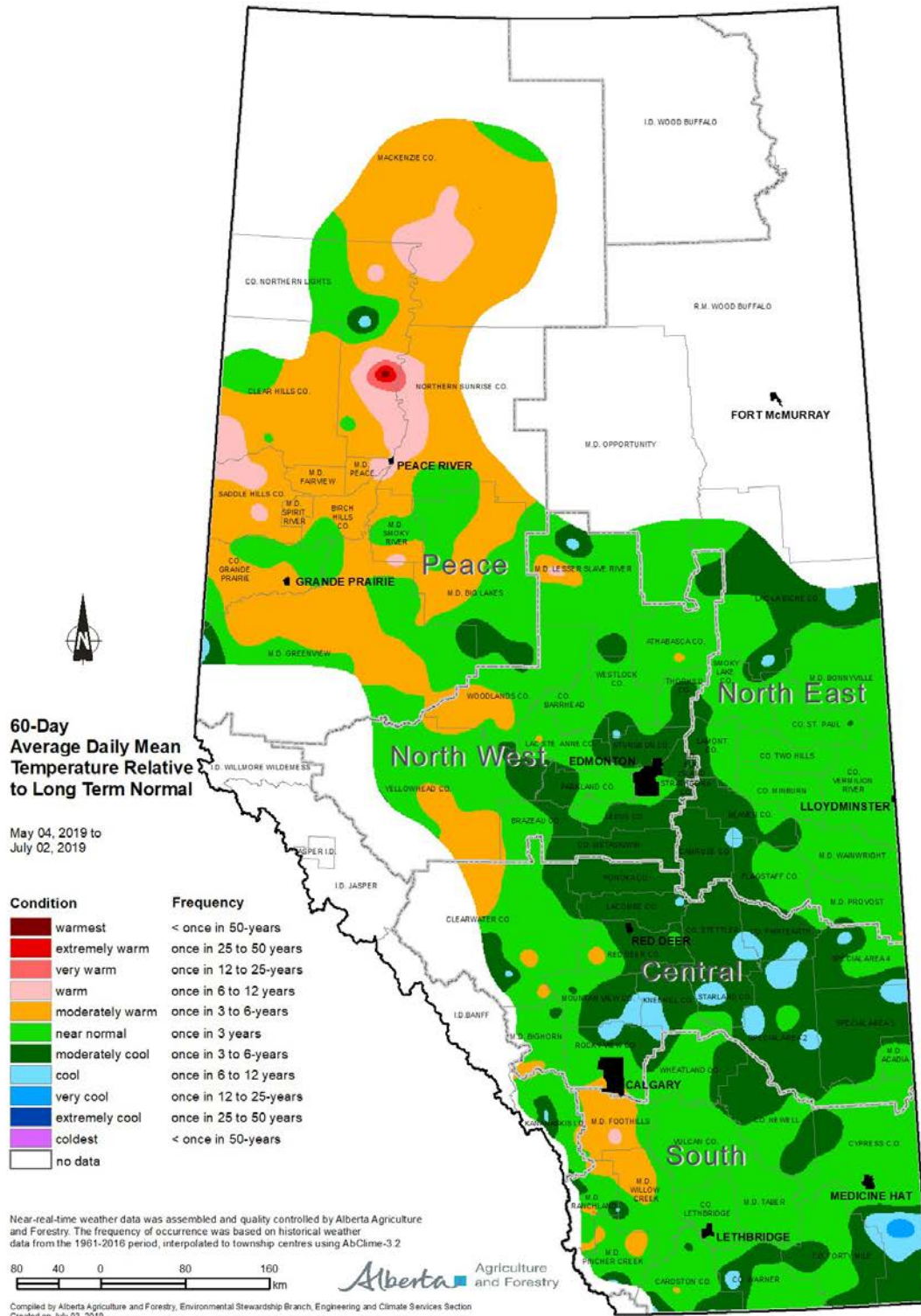




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Map 4



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