

Moisture Situation Update – August 3, 2017

Synopsis:

Since Mid-June and as of August 3, 2017, most of the agricultural areas north of Wetaskiwin and south of Slave Lake have received at least 40 mm of rain, with parts of the North West and North East receiving above normal amounts, ranging from 70 to 120 mm (**see map 1**). In contrast, dry conditions have prevailed throughout most of the province south of Red Deer, with most lands receiving less than 20 mm. South of the TransCanada highway conditions are drier yet, with many stations recording less than 5 mm. Across the Peace Region rainfall totals are variable, ranging from 15 mm in the north, to upwards of 70 mm through parts of the southeast portions of the Region.

As of July 31, 2017, soil moisture reserves relative to normal are highly variable across the province, ranging from pockets of greater than in 25 year lows through parts of Southern Alberta, to a few areas estimated to have 1 in 50-year highs, across parts of the North West and North East (**see map 2**). Through the Peace Region reserves range from near normal across the south, to one in 12 to 25 year lows through parts of the extreme north.

Discussions with AF's Fire Weather Meteorologists

As of today (Friday August 4, 2017), a disturbance is tracking through the province, bringing unsettled and wet weather to a wide swath of the province, ranging roughly from Slave Lake to Coronation. By the time this system moves off over the weekend, some light showers may be expected to reach into southern Alberta, but accumulations will be slight. Lands in the southwest, through the Crow's Nest Pass area should see some greater accumulations, but only expect to see about 3 to 5 mm. Additional maps can be found at www.agriculture.alberta.ca/maps

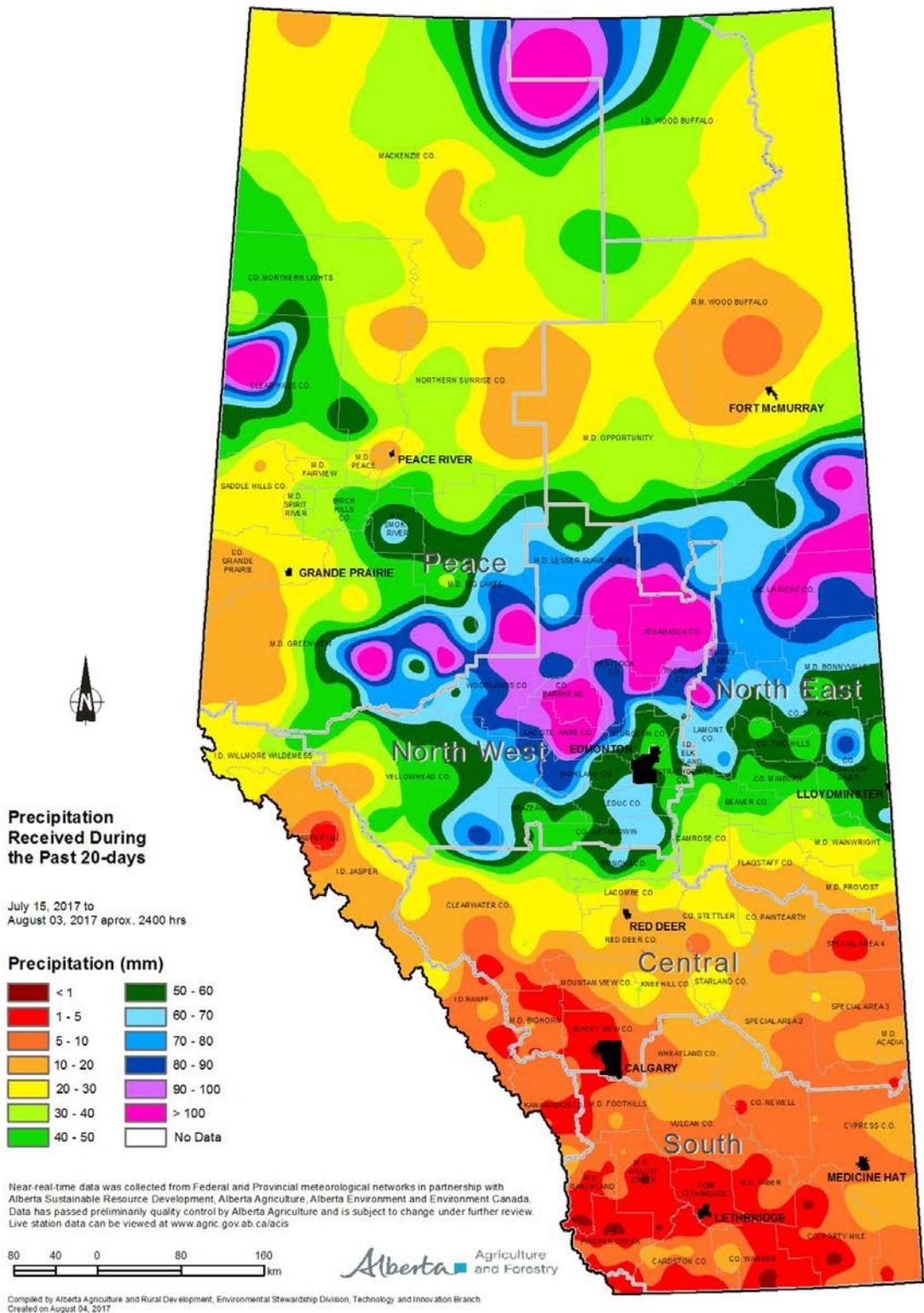
Near-real-time hourly station data can be viewed/downloaded at www.agriculture.alberta.ca/stations

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

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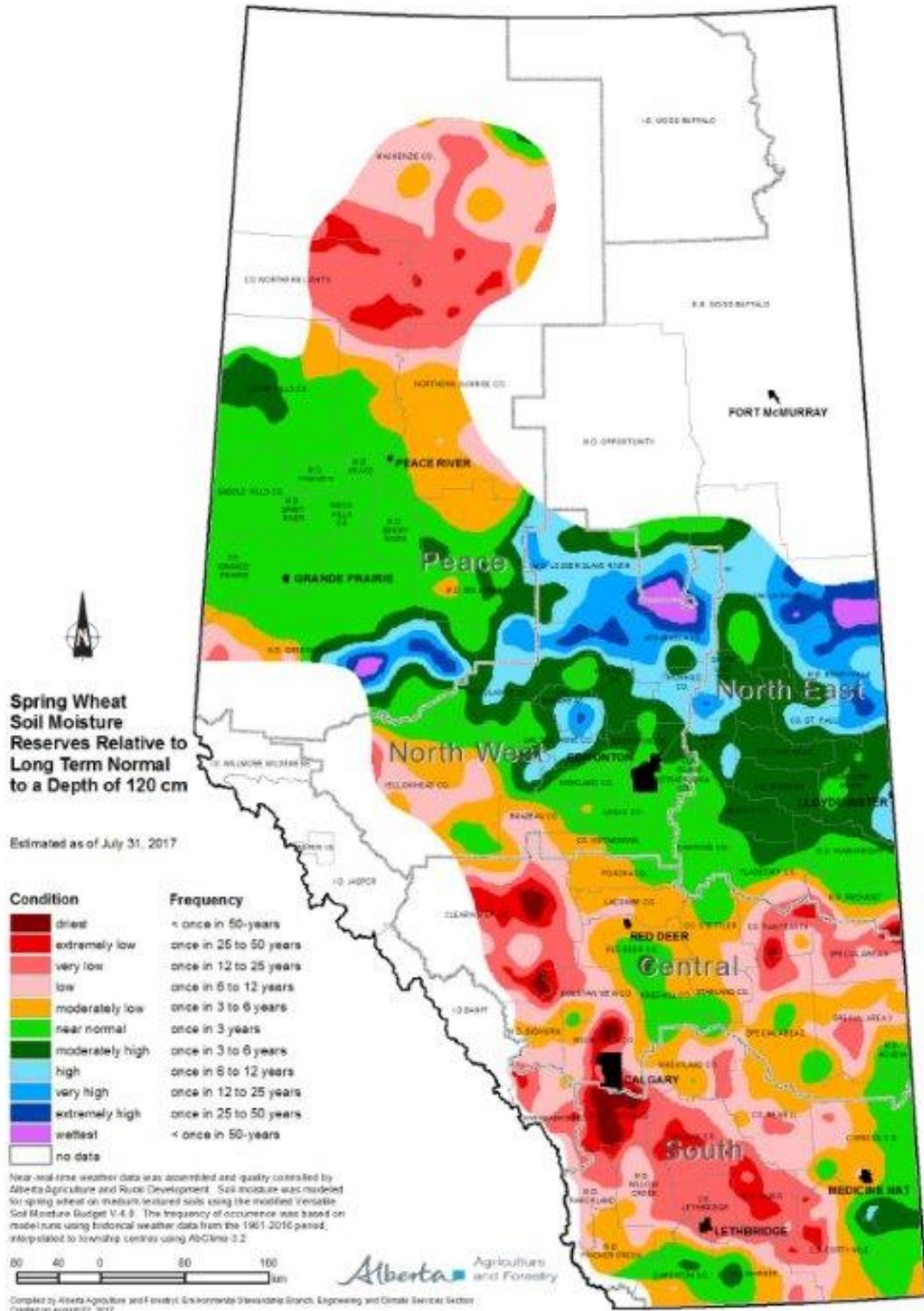
Map 1



Visit weatherdata.ca for additional maps and meteorological data

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Map 2



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