

## Moisture Situation Update – July 18, 2017

### Synopsis:

Over the past 30-days, many lands south of the TransCanada highway and through the eastern parts of the Central Region have been quite dry, with rainfall accumulations of less than 30 mm (**see map 1**). Several counties through Southern Alberta have seen less than 10 mm. Other relatively dry areas of late include a long strip of land located on either side of the Yellowhead highway stretching from Vermillion to well west of Edmonton, and also, along the foothills between Drayton Valley and Sundre. For many of these areas 30-day rainfall accumulations are estimated to be about a one in 12 to 25 year low (**see map 2**).

In contrast, most lands well north of the Yellowhead highway, stretching up as far as the northern Peace Country have seen near normal accumulations. With the hot weather of late, rain is certainly needed throughout many parts of the province, particularly through most of southern Alberta.

### Discussions with AF's Fire weather meteorologists

Tonight (Thursday July 20<sup>th</sup>) and into tomorrow an upper cold disturbance is expected to bring relatively wide spread rain with imbedded thunderstorm activity to most areas north of Calgary stretching up to at least as far north as the Yellowhead highway, with accumulations increasing, west towards the foot hills. Many areas may see 5 to 10 mm, with the greatest amounts (40-50 mm) expected in and around Edson. As this system moves out, this weekend, a second one is expected to slide in early next week which will range further north, affecting much of the Peace Region.

**Additional maps can be found at** [www.agriculture.alberta.ca/maps](http://www.agriculture.alberta.ca/maps)

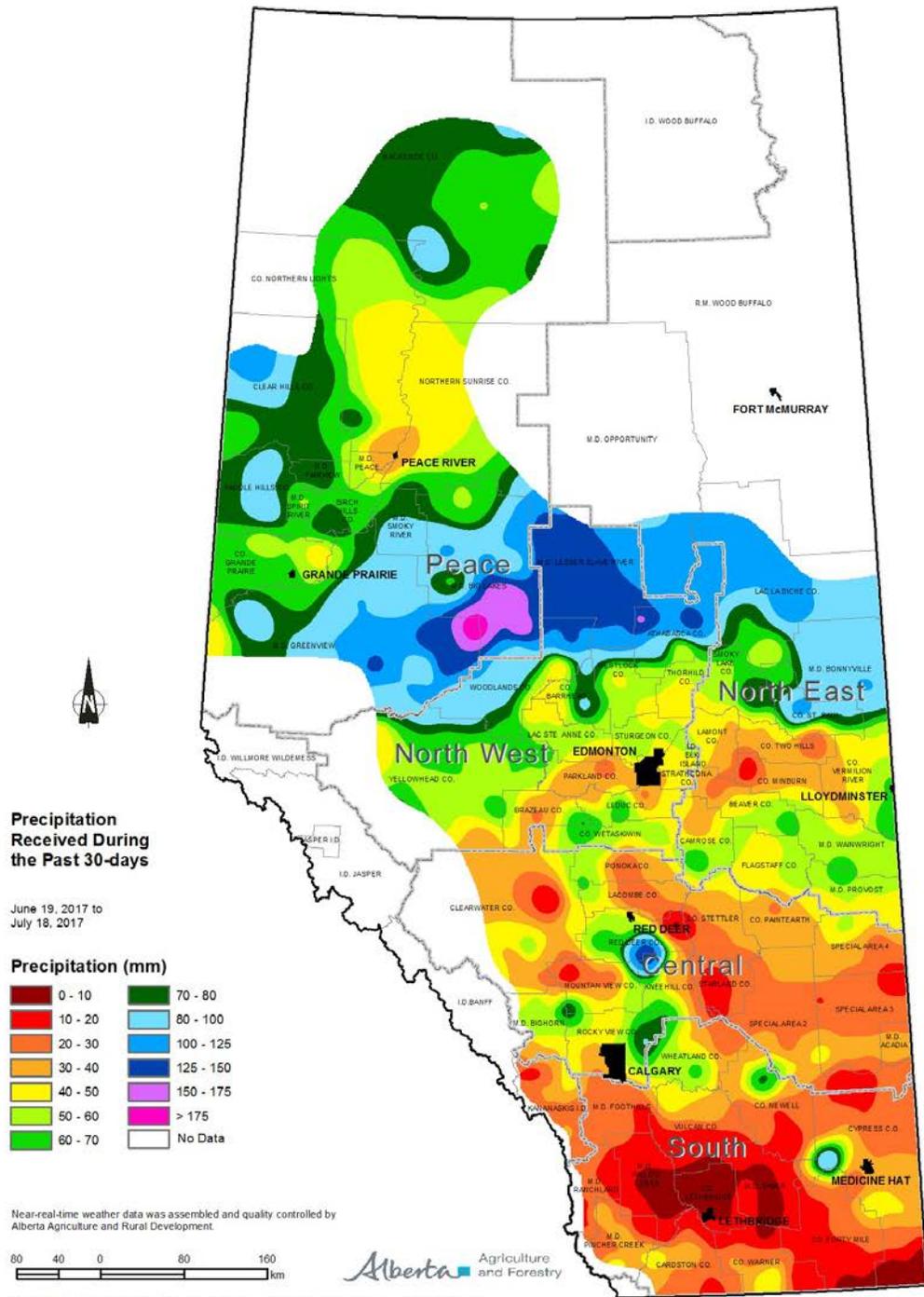
**Near-real-time hourly station** data can be viewed/downloaded at [www.agriculture.alberta.ca/stations](http://www.agriculture.alberta.ca/stations)

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

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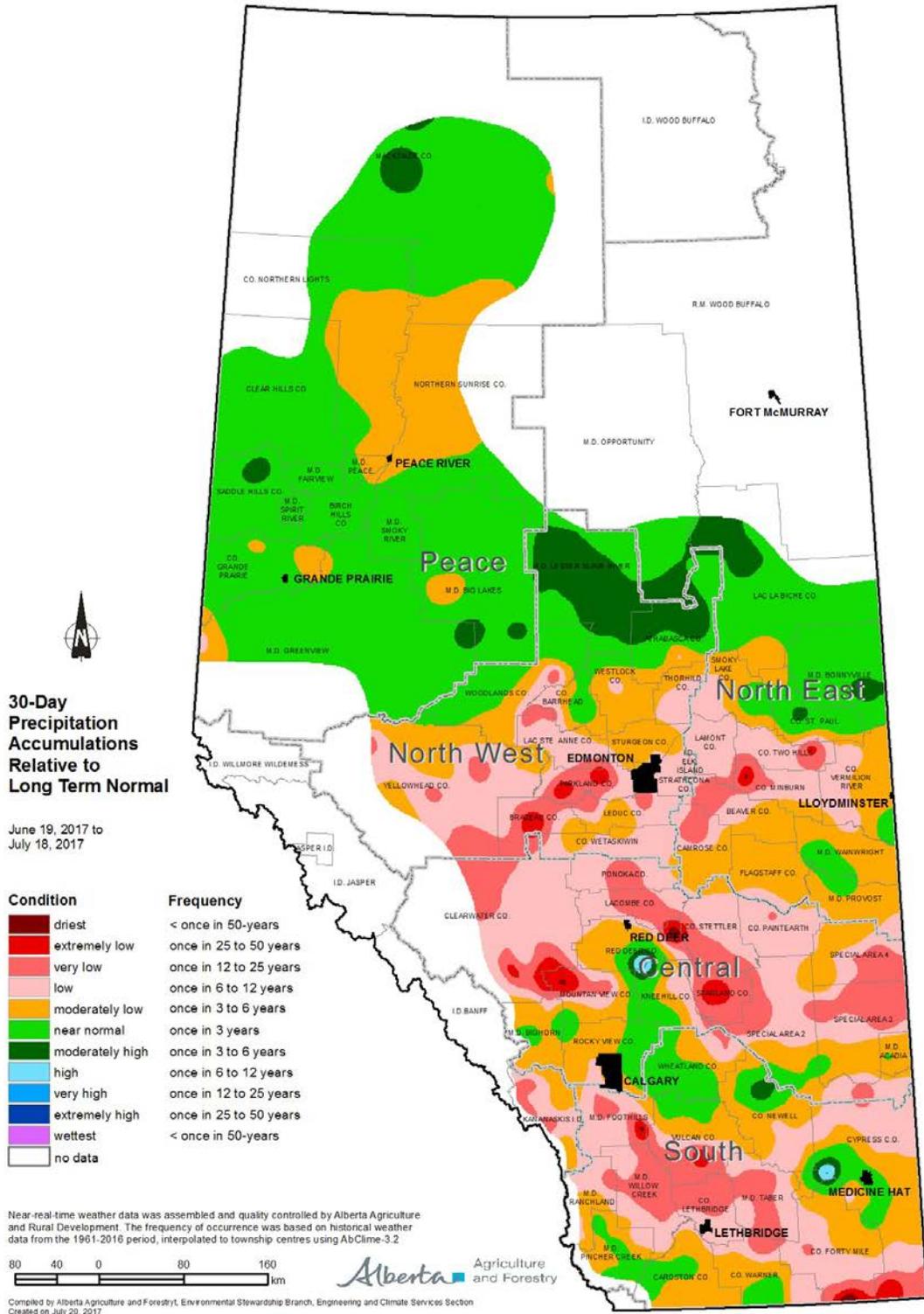
## Map 1



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

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## Map 2



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