

## Moisture Situation Update – June 22 2017

### Synopsis

During the first three weeks of June, weather patterns across most of the province have been dominated by a series of wet episodes, punctuated with short dry periods, rarely lasting more than about 5-days. In fact, this “pattern” has generally been ongoing since about mid-April for most areas south of Slave Lake. Since the start of the growing season (April 1), all along the foothills, ranging from the southern Peace Region to the USA border, most lands have received 200- 250 mm of precipitation, and similar amounts have fallen across large areas in the North East as well as through lands in and around the Swan Hills (**see map 1**). For the North East region and some parts of the North West, this represents about half of the normal amount of precipitation they receive in an entire year, resulting in some locals seeing this much moisture on average, less than once in 50-years (**see map 2**).

In contrast, over the past 30-days, drier conditions have prevailed across most of the central and northern Peace Region, with precipitation accumulations that have been well below normal (**see map 3**). Looking back over the past 365 days, the northern Peace has some very dry areas, approaching one in 25-year lows, while most areas south of Slave lake are generally well above normal, with several widely scattered areas approaching once in 50 year highs (**see map 4**).

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

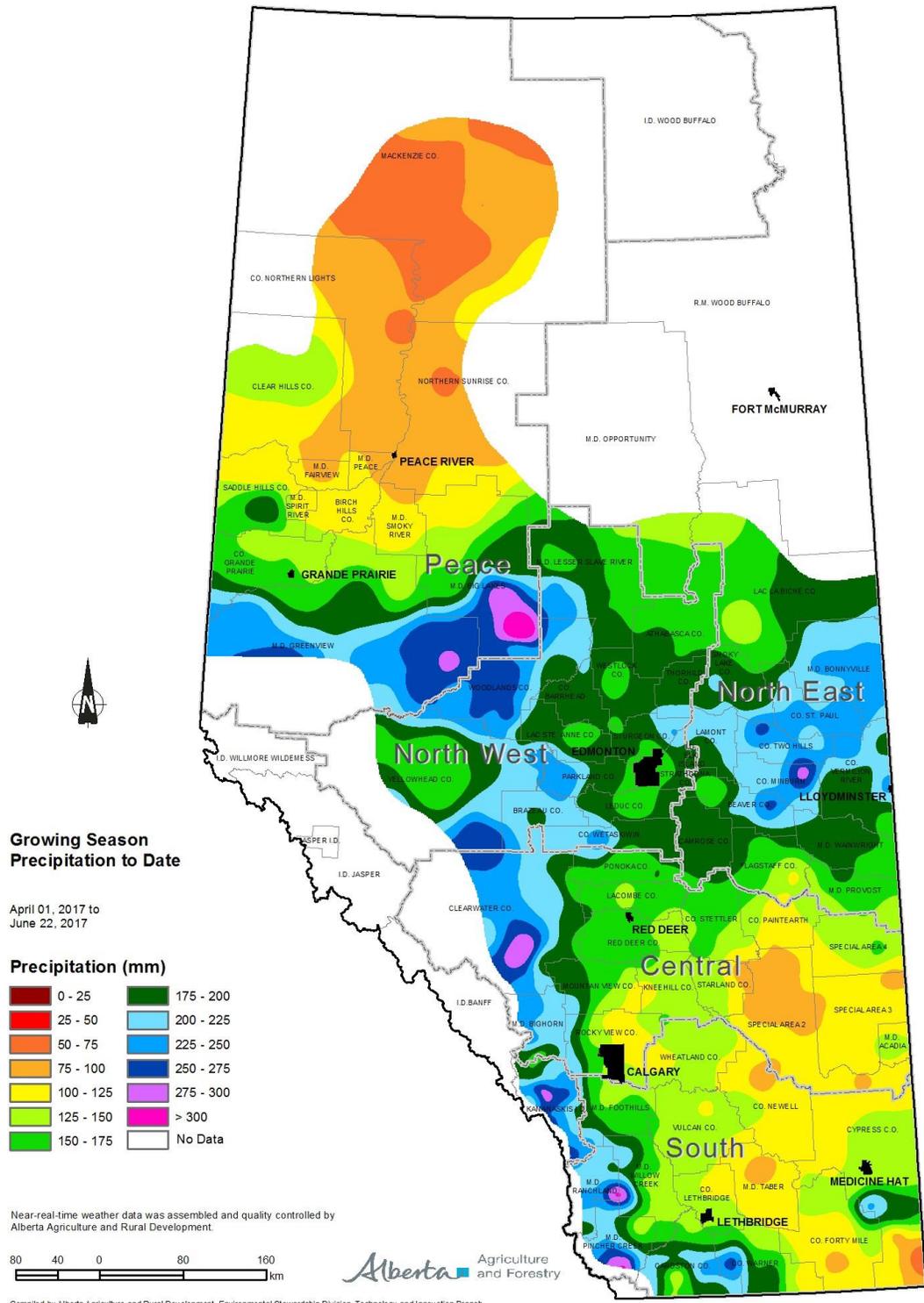
**Near-real-time hourly station** data can be viewed/downloaded at [www.agriculture.alberta.ca/stations](http://www.agriculture.alberta.ca/stations)

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

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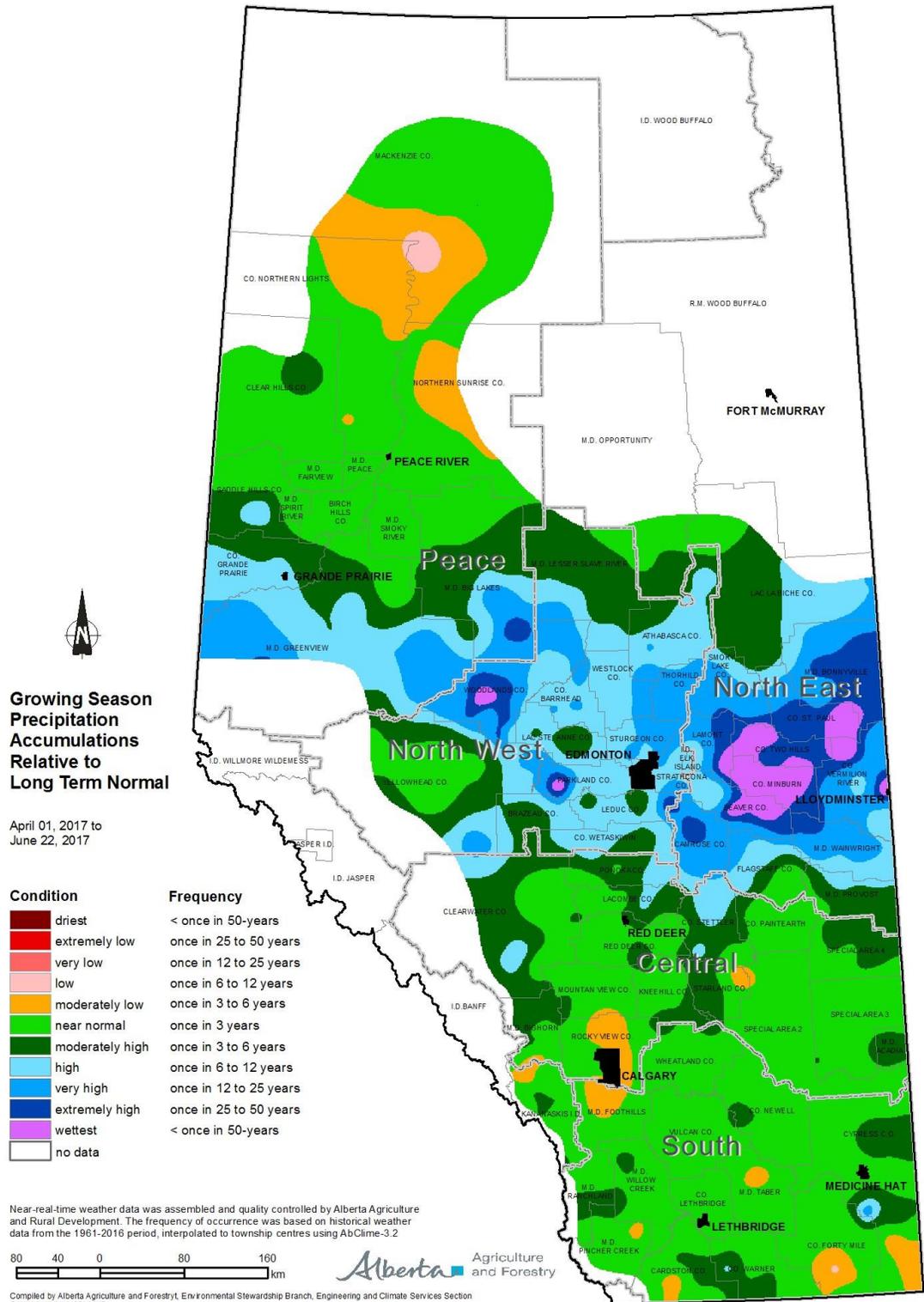
## Map 1



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

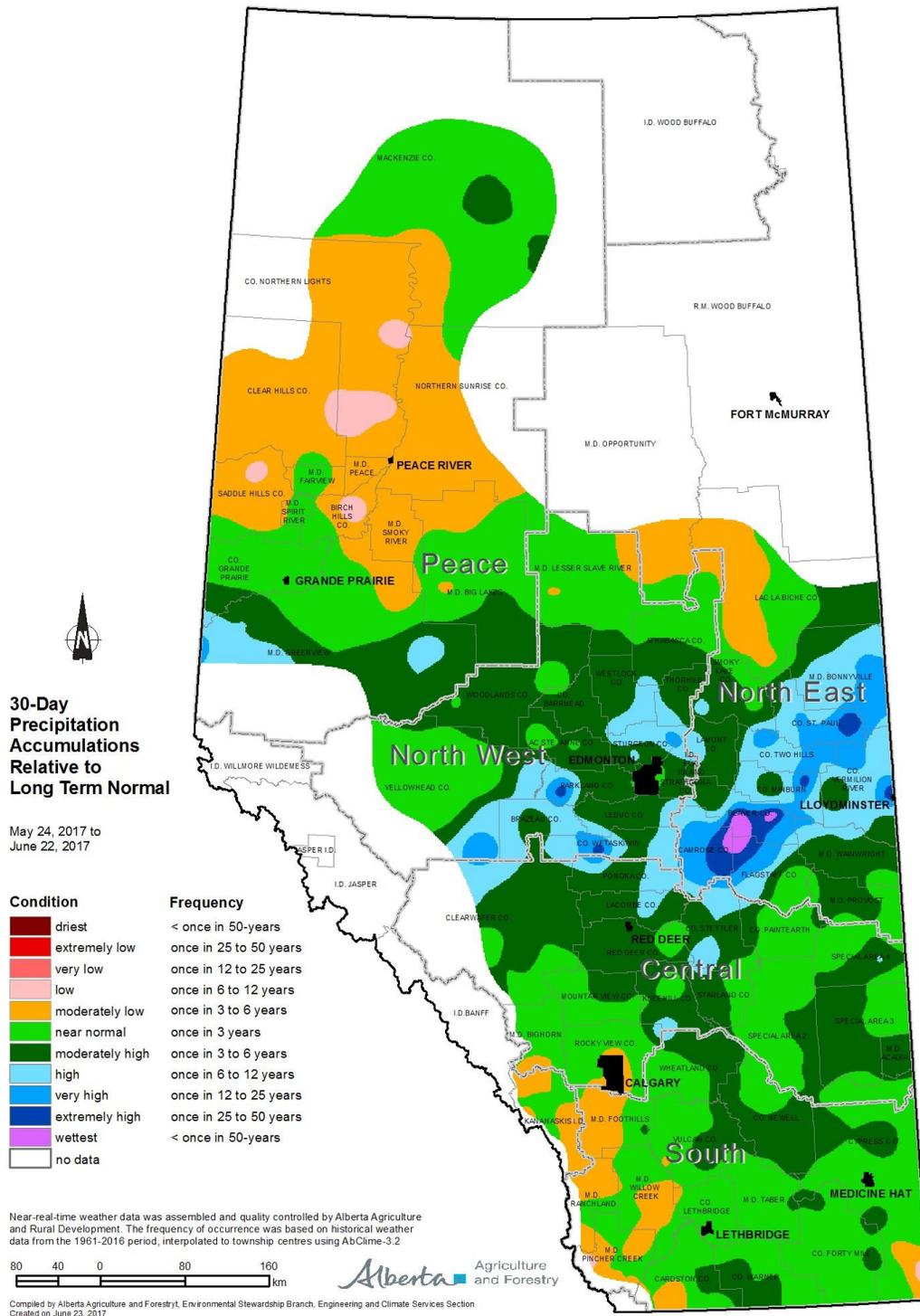
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## Map 2



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

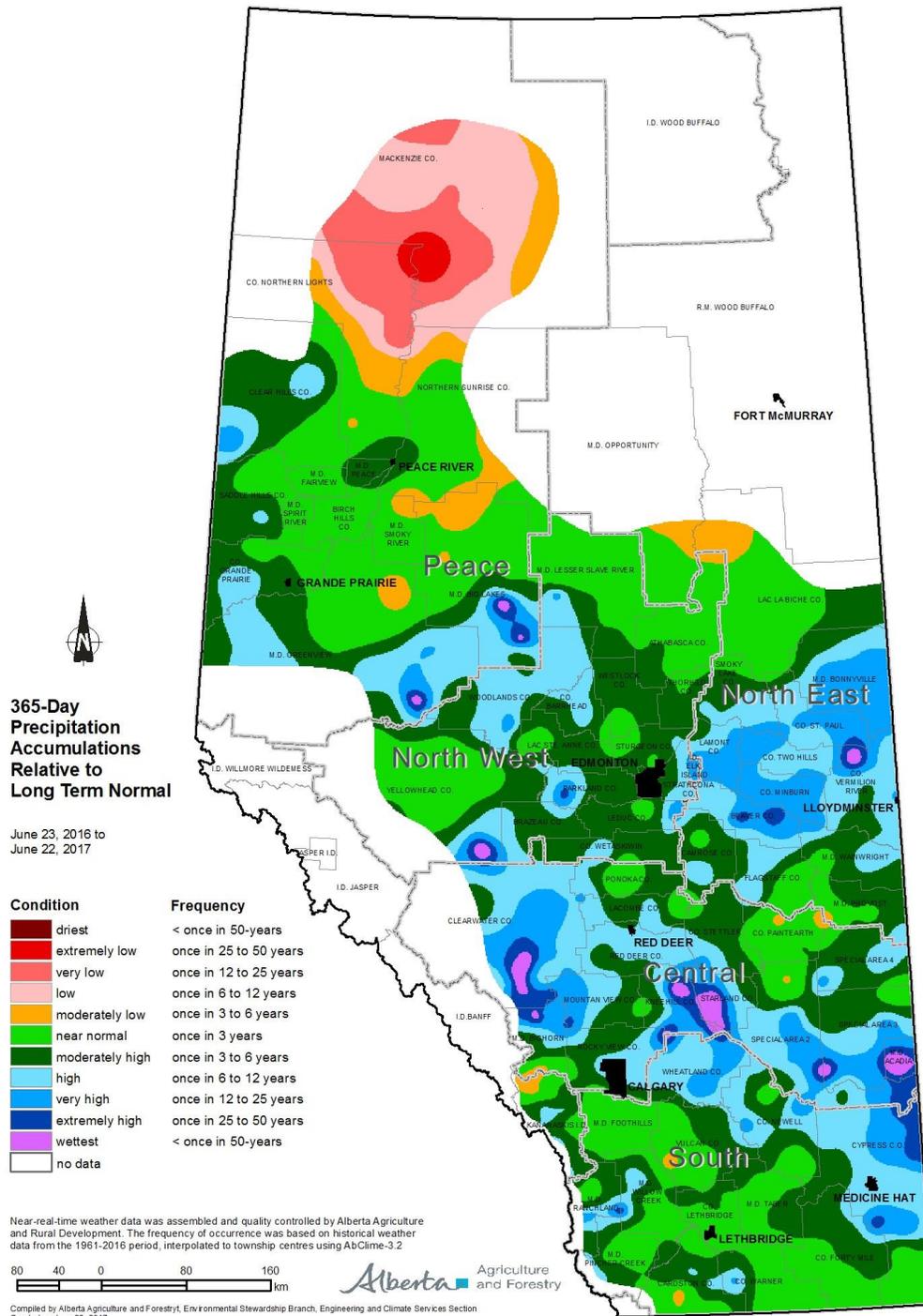
Map 3



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## Map 4



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