

Moisture Situation Update – June 20, 2019

Synopsis

It looks like Alberta is in for some wet weather over the next week or more.

There are currently several rainfall warnings out for Edmonton and areas west, including the mountains and foothills. Snowfall warnings have been issued for the National Parks.

https://weather.gc.ca/warnings/index_e.html.

As of 7:00 am today, upwards of 100 mm of rain has fallen in some of these areas over the past 2 weeks (**Map 1**). Some forecasts are saying 50 to 80 mm more is expected for these already wet areas. It is advisable to be watching for flood warnings, high stream flow advisories and the like <https://rivers.alberta.ca/>.

Once this system moves out over the next few days there will be some very soggy land out there with little capacity to absorb further moisture.

Rain over the past 2-weeks (Map 1)

- Central and west Central parts of the Province have seen upwards of 100 mm so far. As stated previously, more is on the way.
- The dry areas through the Special Areas have received 20 to 40 mm so far.
- Southern Alberta and the North half of the Peace are still dry with some areas getting less than 10 mm. This is likely to change over the next several days.

Rain over the past 4-days (Map 2)

- Most areas between Grande Prairie and Calgary have seen over 20 mm of rain so far. Some widely scattered areas have received over 50 mm and they are currently receiving more.
- Across the Agricultural areas, Tomahawk AGDM (west of Edmonton) has seen the most at 53.3 mm, and in the forested areas, Luscar Creek (south of Hinton) has seen the most with 70.2 mm as of 7:00 am this morning.

Note that this does not include the manned stations across many of the remote forest protection areas, so amounts may be higher in some locations.

- Some modest rains fell across the northern Peace, with 5 to 10 mm not uncommon.
- Most forecasts are predicting that these areas will get some rain over the next several days.
- Several areas in the south have seen less than 3 mm.
- Most forecasts are predicting that these areas will get some rain over the next several days.

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

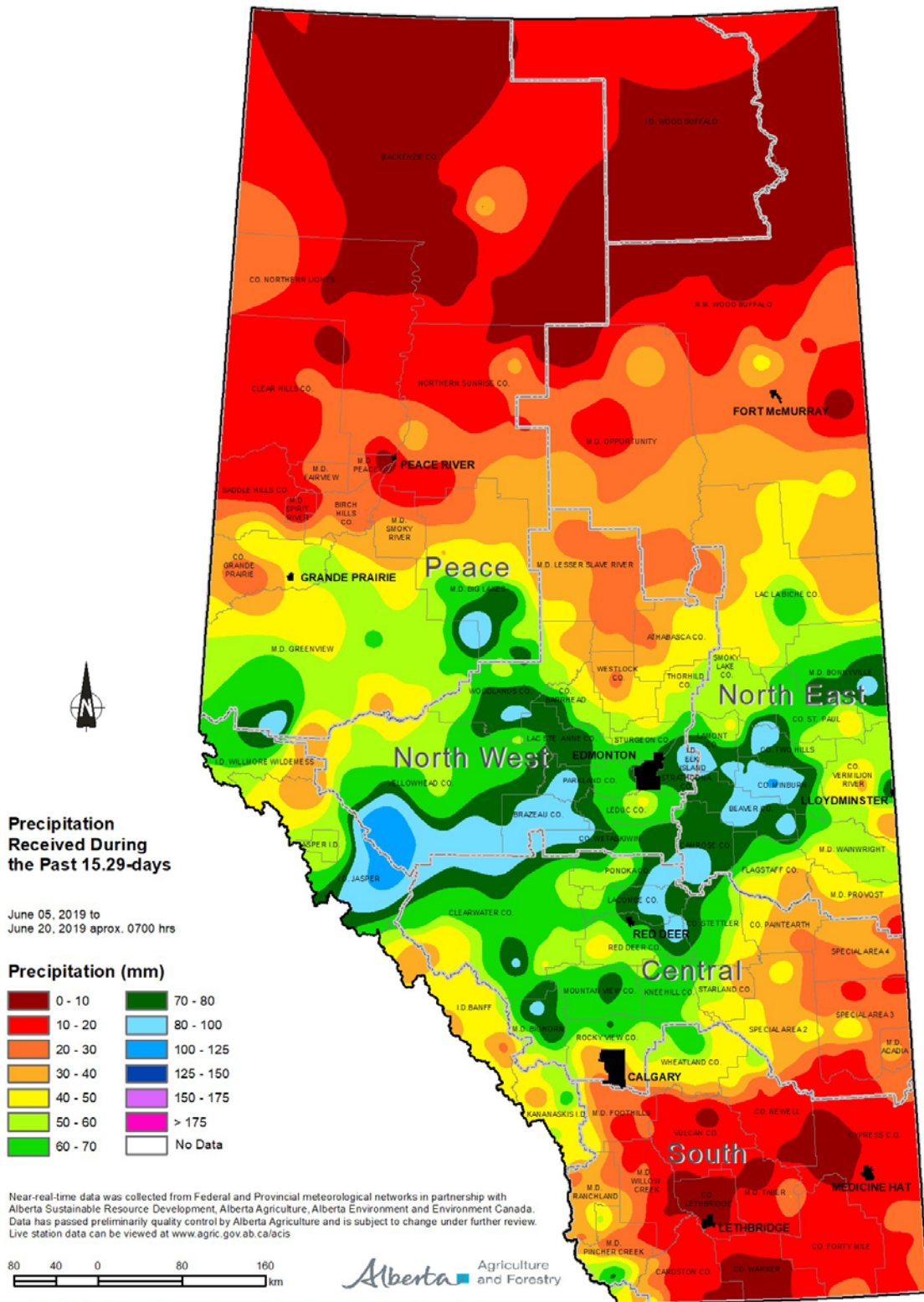
www.agriculture.alberta.ca/stations

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

Ralph Wright
Manager, Agro-meteorological Applications and Modelling Section
Alberta Agriculture and Forestry, Phone: 780-446-6831

Moisture Situation Update – June 20, 2019

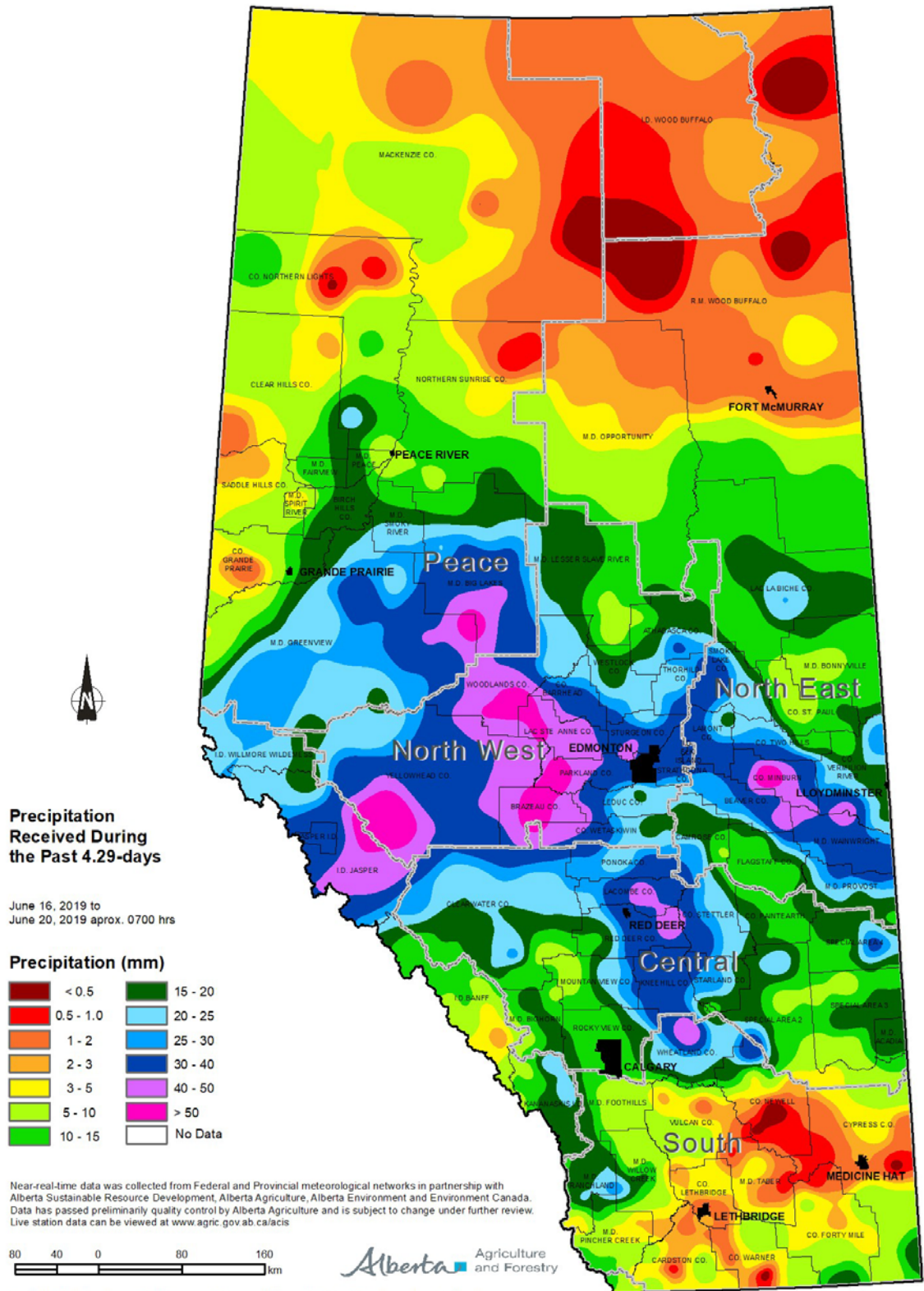
Map 1



Visit weatherdata.ca for additional maps and meteorological data

Moisture Situation Update – June 20, 2019

Map 2



Visit weatherdata.ca for additional maps and meteorological data