

Moisture Situation Update – October 26, 2017

Synopsis:

Early this week (October 23 and 24th) a large system brought significant moisture to many parts of the Peace Region, with upwards of 15 to 20 mm of moisture recorded through much of the central and western Peace Region (**see map 1**).

Cold air associated with this system resulted in significant early snow fall accumulations across the central and western Peace Region, with some areas experience well over 30 cm of fresh snow (**see map 2**). **Photo 1** was taken on Wednesday Oct 25, showing snow on the ground at the Savana AGCM station, located about 100 km north of Grande Prairie.

Many other areas west of Edmonton and all along the foot hills, as far south as Waterton Park, experienced a mix of rain and snow. However, accumulations were relatively light, with most areas reporting less than 5 mm of total precipitation (**see map 1**).

Discussions with AF's fire weather meteorologists.

Next week, by Wednesday (November 1st), most of the province will be under the influence of a deep, cold arctic air mass. Snow is expected to fall throughout much of the south-half of the province, affecting areas at least as far north as Edmonton. Upwards of 30 cm of snow is expected in the south along the USA border, with snow accumulations lessening steadily northward, extending (at least) up as far as the Yellowhead Highway. This air mass is expected to bring winter like conditions, lasting at well into the weekend.

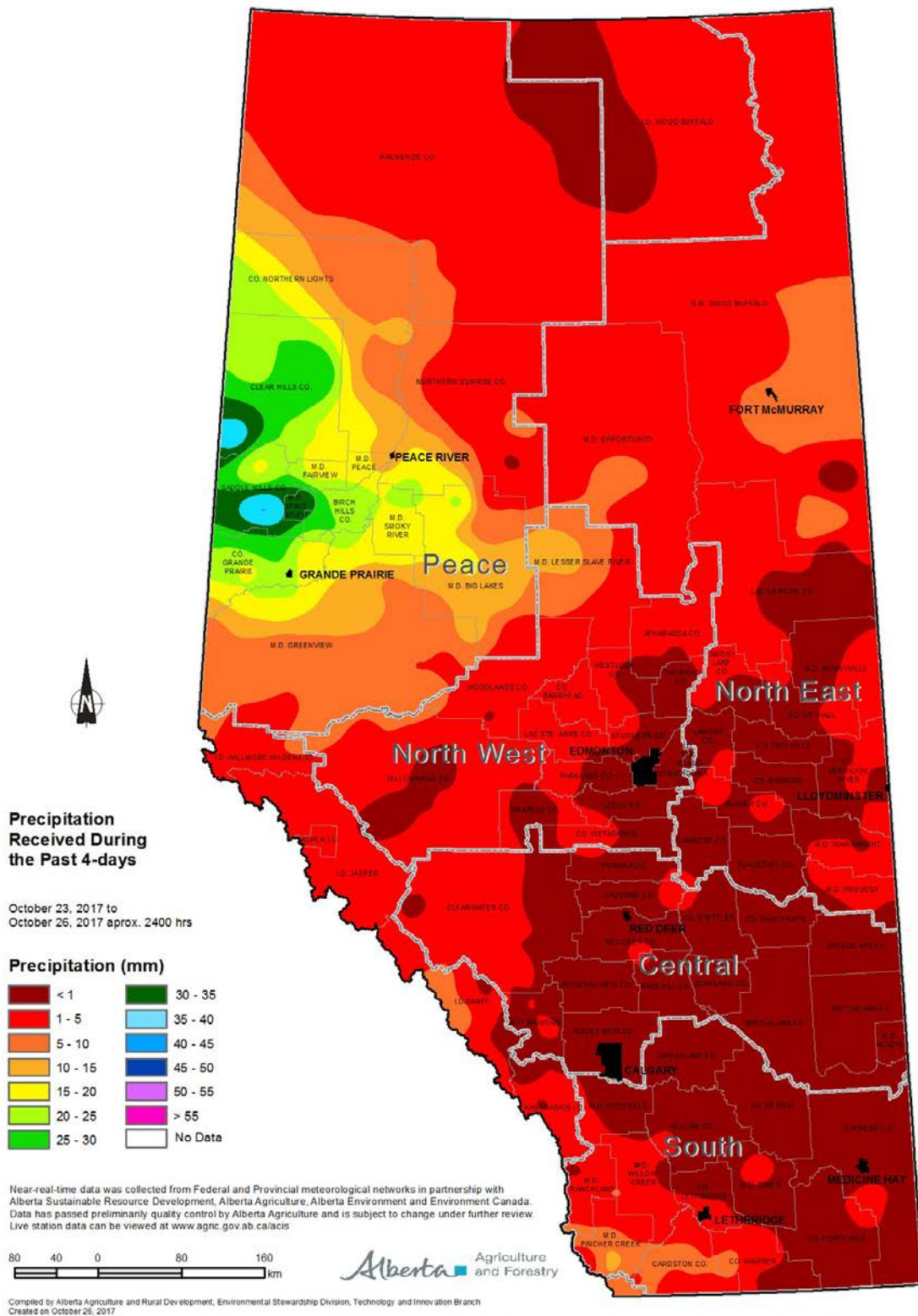
Near-real-time hourly station data can be viewed/downloaded at www.agriculture.alberta.ca/stations

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

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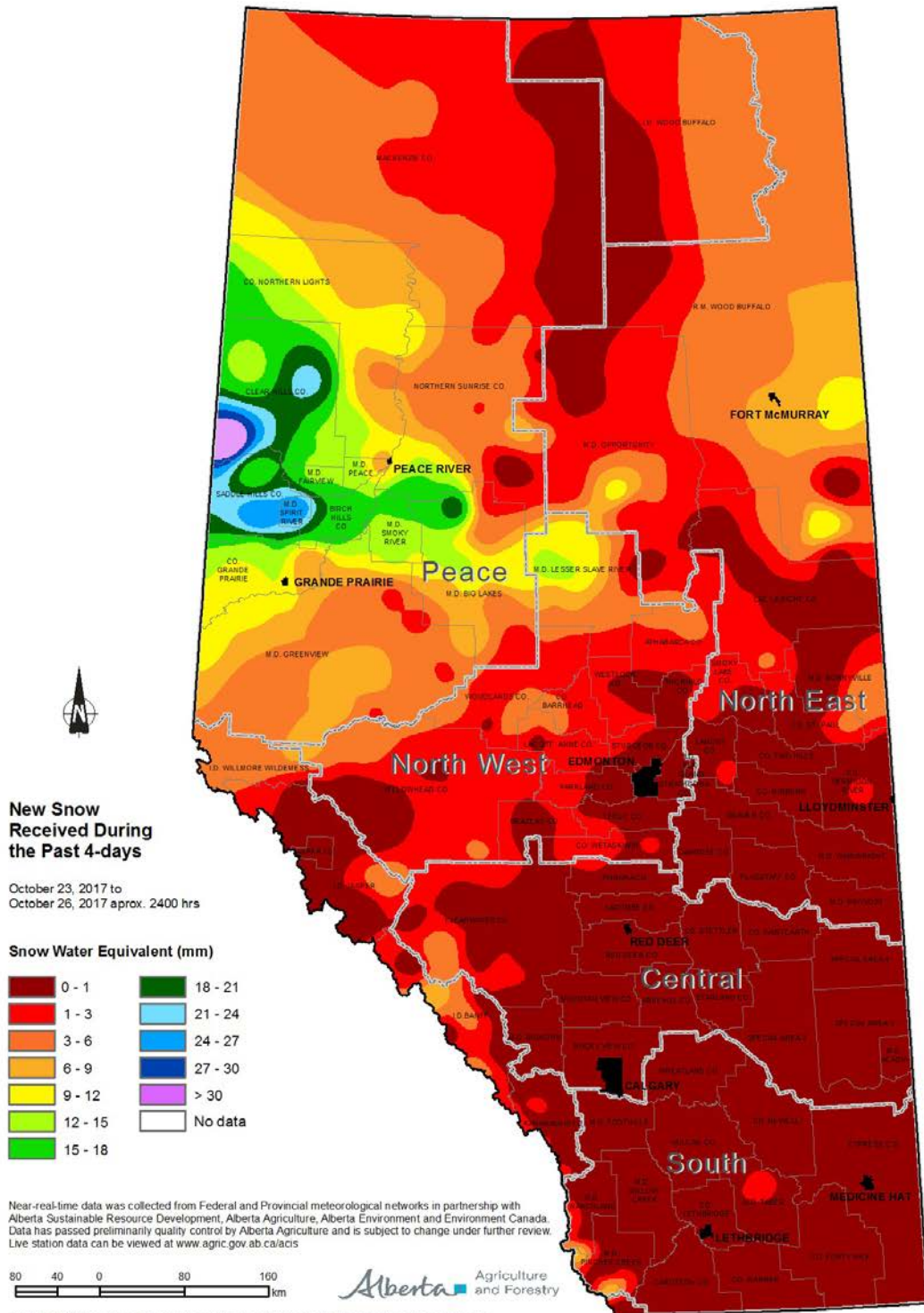
Map 1



Visit weatherdata.ca for additional maps and meteorological data

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Map 2



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