

Moisture Situation Update – November 6, 2017

Synopsis:

Winter is here, in the wake of a large system that ushered in this year's first major snowfall, arriving right on time for Halloween. Since then, colder than normal temperatures have persisted allowing most areas to retaining their snowpack (**see map 1**). Areas with the greatest snow accumulations generally lie between Edmonton and Calgary, with most locales receiving upwards of 20 cm of fresh snow. Throughout much of southern Alberta, 5 to 15 cm was recorded, as well as across most lands, north of the Yellowhead Highway. Throughout much of the Central Peace Region, accumulations were lighter, with many areas receiving less than 5 cm of snow.

Soil moisture reserves, heading into winter are highly variable across the province, with much of the northern-half of the North West region and parts of the southeastern Peace Region, estimated to have high to extremely high reserves heading into winter (**see map 2**). In contrast, lands south of Red Deer, extending across a large area, down as far as Lethbridge, have below normal reserves with the driest areas found in a large area centered on Calgary were some areas are estimated to have reserves this low, less than once in 12-years. Similarly most of the northern tip of the Peace region remains quite dry, with soil moisture reserves sitting well below normal.

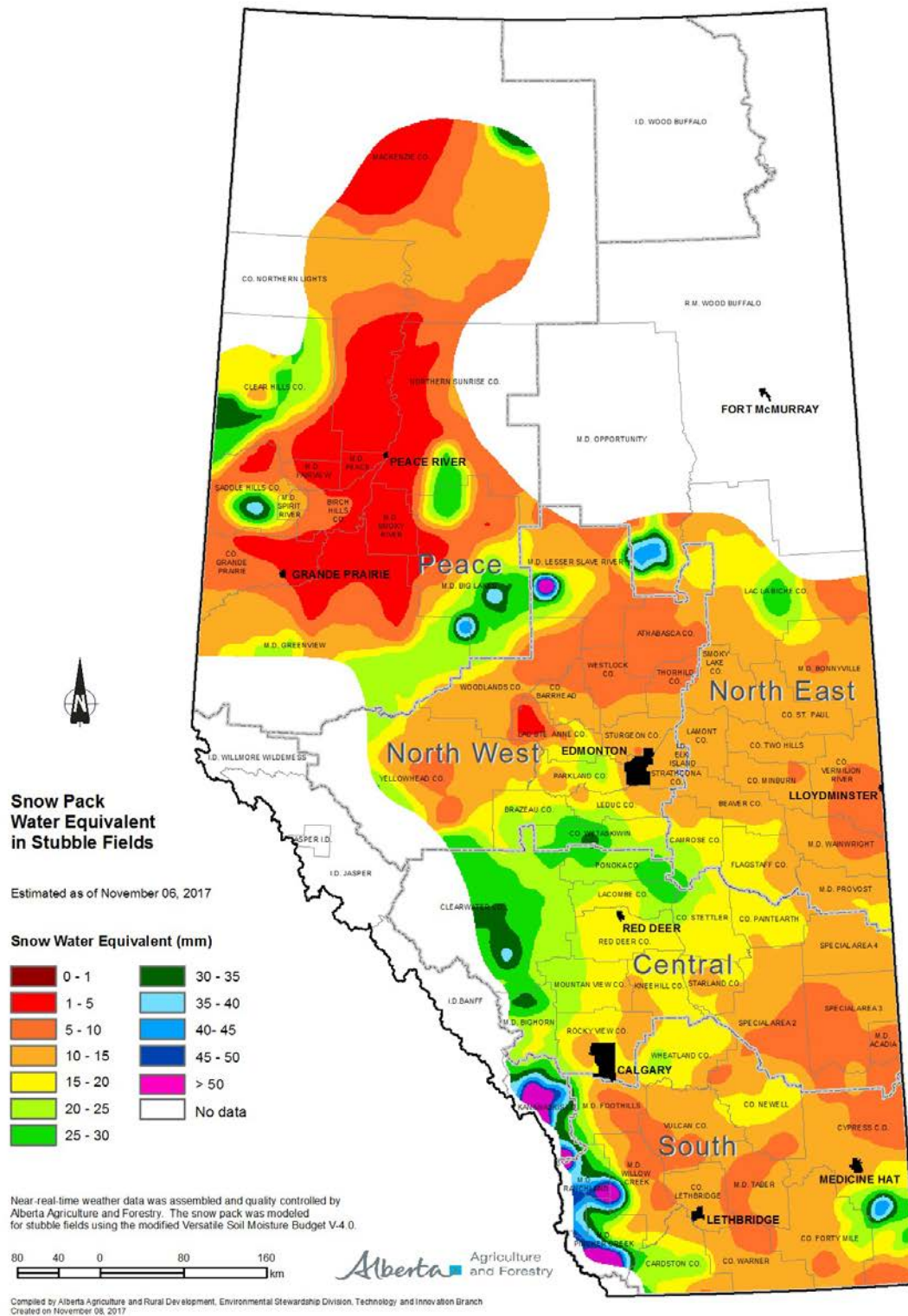
Near-real-time hourly station data can be viewed/downloaded at www.agriculture.alberta.ca/stations

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

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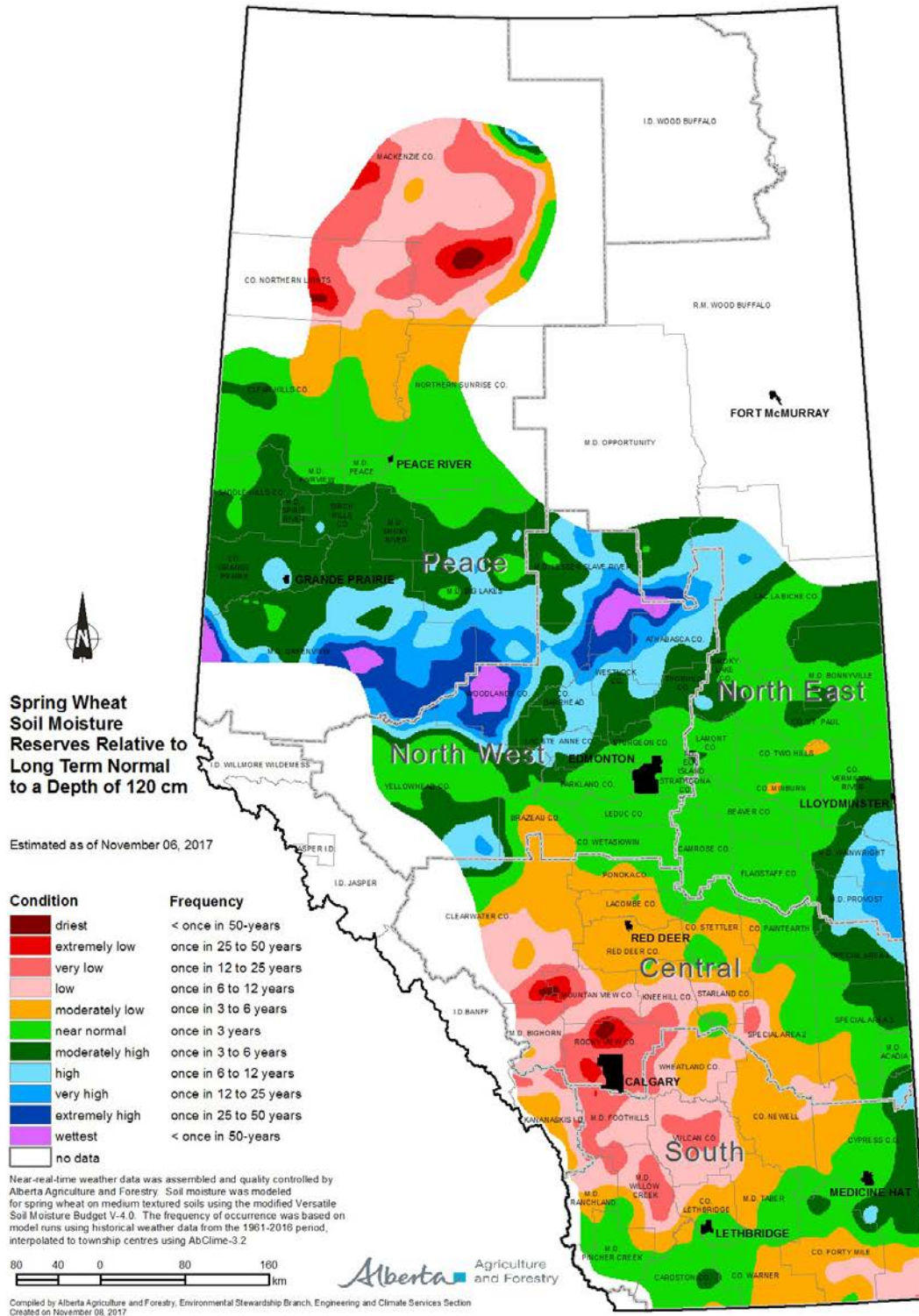
Map 1



Visit weatherdata.ca for additional maps and meteorological data

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Map 2



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