

Moisture Situation Update – October 3, 2017

Synopsis:

On the weekend, September 30th, a large system delivered cold, wet weather to areas of the province lying south of Slave Lake (**see map 1**). Throughout much of the North West and Central Regions, accumulations were relatively light, ranging from 5 to 15 mm. However, much higher amounts were received across parts of the south and through a relatively large area centered south of Wainwright, where several stations reported total accumulations of over 50 mm.

This was a very intense cold system and in some areas significant snow falls occurred, with upwards of 30 cm accumulating on the ground across the parts of the south and reports of 50 cm or more through the Cypress Hills (**see map 2**).

Cold air associated with this event also brought killing frost to all areas of the province (**see map 3**), with most of the west half of the province experiencing overnight lows dipping to below -8°C.

Discussions with AF fire weather meteorologists.

On Tuesday, sunny skies returned to most of the province; however, this will be short-lived as a second, less intense system will bring moisture to most of the province starting this weekend. This system is not expected to be as wet, with the highest accumulations expected across the northern Peace Region (10-20 mm). Elsewhere most of the province should expect to see some moisture, but with minor accumulations in the 2-5 mm range.

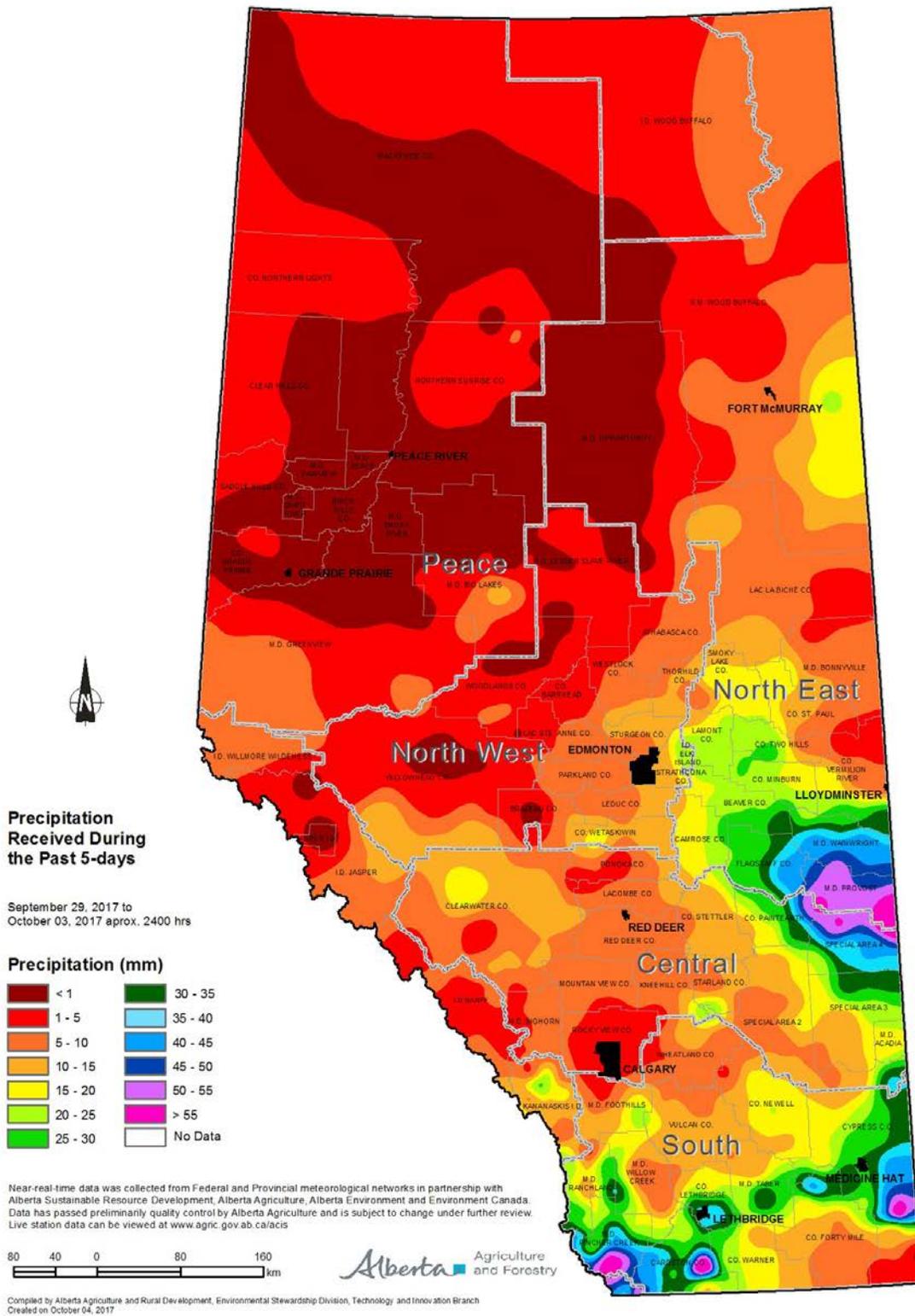
Near-real-time hourly station data can be viewed/downloaded at www.agriculture.alberta.ca/stations

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

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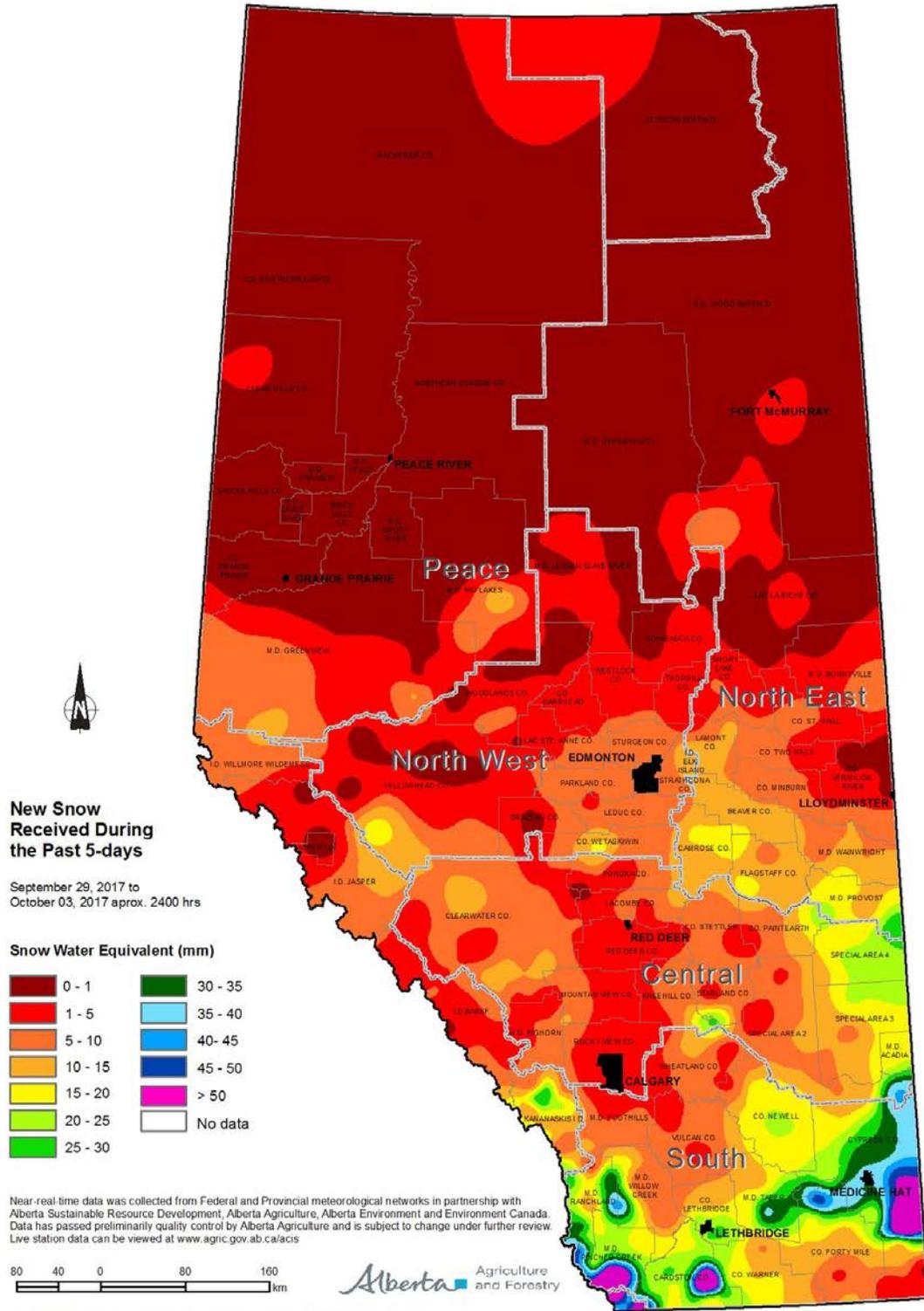
Map 1



Visit weatherdata.ca for additional maps and meteorological data

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Map 2



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Map 3

