

Moisture Situation Update – September 12, 2011

Frost areas Sept 11 to Sept 12, 0700 hrs –see map

- Overnight, several stations recorded overnight temperatures that dipped below 0C, across two large areas; one centered roughly around Edmonton and the other centered roughly around Grande Prairie.
- Generally a “Killing” frost occurs at or below about -2C.
- Overnight lows appeared to be sustained for at least a couple of hours, with some of stations seeing temperatures sustained near the -2c degree range.
- In these areas, wide spread frosts of -2C, for this time of year, are estimated to occur between once in 10 to once in 7 years.
- Low lying areas likely saw temperatures lower than what is depicted in this map.

Additional Maps can be found at <http://www.agric.gov.ab.ca/app116/quick.jsp>.

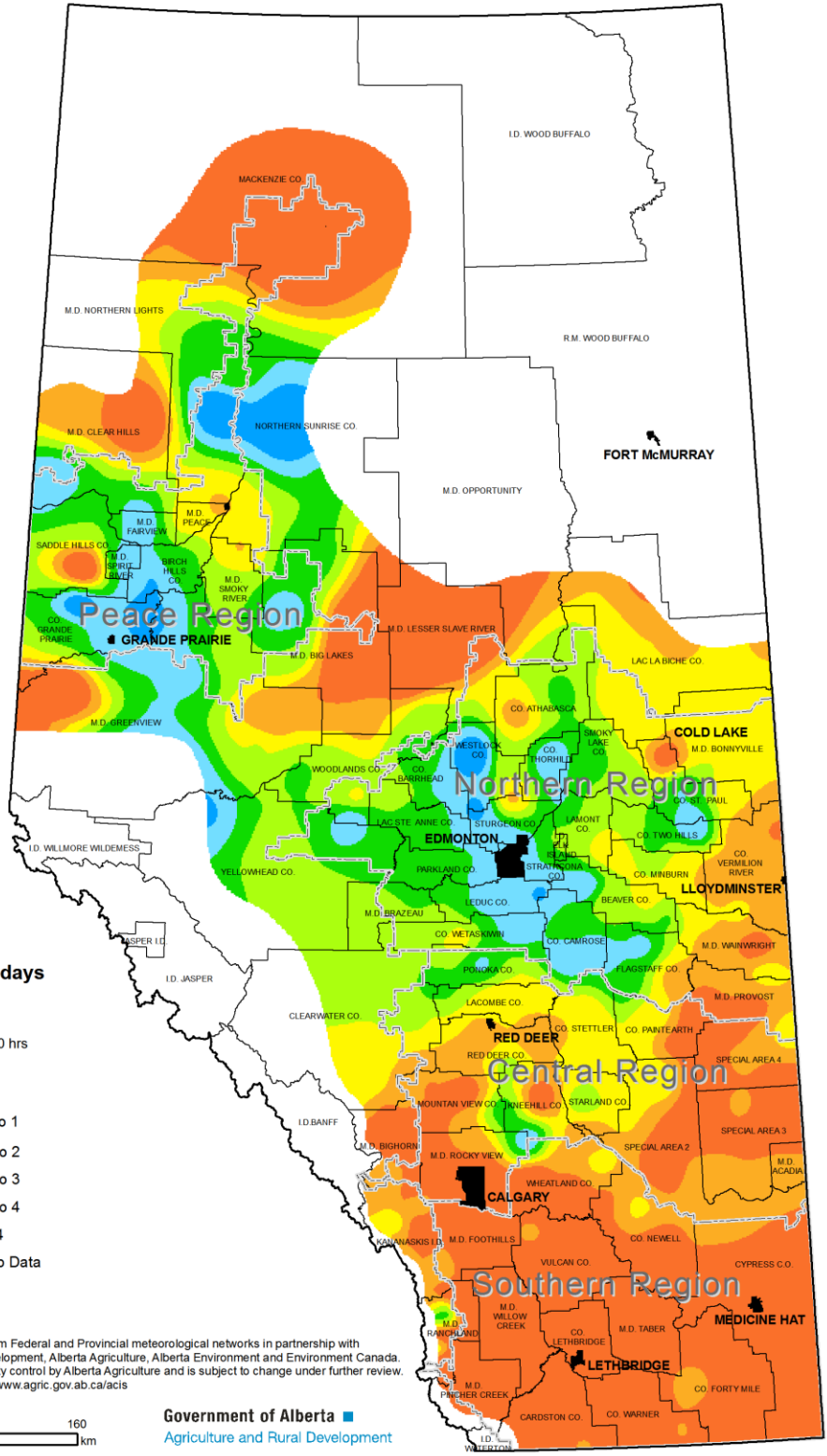
Near-real-time hourly station data can be viewed/downloaded at <http://www.agric.gov.ab.ca/app116/stationview.jsp>.

Note: Data has about a two hour lag and is displayed in MST (add one hour for daylight savings time)

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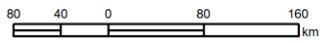
Lowest Recorded Temperature During the Past 1.29-days

September 11, 2011 to September 12, 2011 approx. 0700 hrs

Degree Celsius

	< -4		0 to 1
	-4 to -3		1 to 2
	-3 to -2		2 to 3
	-2 to -1		3 to 4
	-1 to 0		> 4
	No Data		

Near-real-time data was collected from Federal and Provincial meteorological networks in partnership with Alberta Sustainable Resource Development, Alberta Agriculture, Alberta Environment and Environment Canada. Data has passed preliminary quality control by Alberta Agriculture and is subject to change under further review. Live station data can be viewed at www.agric.gov.ab.ca/acis



Government of Alberta
Agriculture and Rural Development

Compiled by Alberta Agriculture and Rural Development, Environmental Stewardship Division, Technology and Innovation Branch
Map created on September 12, 2011