

Summary of climatic data by months for the 2014-2015 cropping year (September-August) compared to averages for the period of record from 1911 to 2015 at the Southern Agricultural Research Center near Huntley, Montana.

	2014				2015								Year
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
<u>Precipitation (inches)</u>													<u>Total</u>
Current Year (2014-2015)	0.65	0.29	0.55	0.53	0.85	0.13	0.11	1.30	2.66	1.78	0.94	1.26	11.05
Average (1911-2015)	1.31	1.08	0.63	0.60	0.56	0.47	0.79	1.36	2.20	2.33	1.15	0.96	13.44
Difference	-0.66	-0.79	-0.08	-0.07	+0.29	-0.34	-0.68	-0.06	+0.46	-0.55	-0.21	+0.30	-2.39
<u>Mean Temperature (°F)</u>													<u>Average</u>
Current Year (2014-2015)	58.3	50.7	28.8	26.2	26.0	30.6	44.0	46.7	53.8	66.0	71.2	68.7	47.6
Average (1911-2015)	58.1	47.0	33.7	24.0	21.0	25.7	34.2	45.6	55.0	63.4	70.8	68.8	45.6
Difference	+0.2	+3.7	-4.9	+2.2	+5.0	+4.9	+9.8	+1.1	-1.2	+2.6	+0.4	-0.1	+2.0

Last Killing Frost in Spring^{1/} 2015 27 °F on May 11, 2015
Average (1911-2015) May 17

First Killing Frost in the Fall^{1/} 2015 30 °F on Oct 15, 2015
Average (1911-2015) September 19

Frost-free Period 2015 157 days
Average (1911-2015) 125 days

Growing Degree Days (Base 50)^{2/} 2015 2,389 GDD (°F)
Average (1911-2015) 2,018 GDD (°F)

Growing Degree Days (Base Corn)^{2/} 2015 2,433 GDD (°F)
Average (1911-2015) 2,303 GDD (°F)

Maximum Summer Temperature 100 °F on Jul 5 and Aug 15, 2015

Minimum Winter Temperature -23 °F on Jan 9, 2015

1/ 32 °F is considered a killing frost. Average last and first killing frost dates are calculated on a 50% probability of a minimum temperature occurring below the threshold temperature of 32.5 °F based on observations from 1911 to 2015.

2/ Growing degree days calculated from temperatures observed during the frost free period from May 11 through October 15, 2015, and for the same 157 day interval from the period of record of 1911 to 2015.