

Table . Summary of climatic data by months for the 2010-2011 cropping year (September-August) compared to averages for the period of record from 1911 to 2010 at the Southern Agricultural Research Center near Huntley, Montana.

	2010				2011								Year
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
<u>Precipitation (inches)</u>													<u>Total</u>
Current Year (2010-2011)	0.99	0.51	1.29	0.73	0.17	0.71	0.56	2.30	7.59	1.39	2.46	0.65	19.35
Average (1911-2010)	1.30	1.06	0.63	0.59	0.54	0.48	0.79	0.79	2.13	2.34	1.15	0.94	13.23
Difference	-0.31	-0.55	+0.66	+0.14	-0.37	+0.23	-0.23	+0.97	+5.46	-0.95	+1.31	-0.29	+6.12
<u>Mean Temperature (°F)</u>													<u>Average</u>
Current Year (2010-2011)	59.3	53.3	31.8	23.7	24.7	18.7	35.5	44.5	52.0	63.7	74.6	73.7	46.2
Average (1911-2010)	57.9	46.9	33.5	23.8	20.6	25.6	34.0	45.5	54.9	63.3	70.7	68.6	45.5
Difference	+1.4	+6.4	-1.7	-0.1	+4.1	-6.9	+1.5	-1.0	-2.9	+0.4	+3.9	+5.1	+0.7

Last Killing Frost in Spring^{1/} 2011 May 5
Average (1911-2010) May 17

First Killing Frost in the Fall^{1/} 2011 September 21
Average (1911-2010) September 19

Frost-free period 2011 139 days
Average (1911-2010) 125 days

Growing Degree Days (Base 50)^{2/} 2011 2,263 GDD (°F)
Average (1911-2009) 1,966 GDD (°F)

Growing Degree Days (Base Corn)^{2/} 2011 2,223 GDD (°F)
Average (1911-2009) 2,146 GDD (°F)

Maximum Summer Temperature 100 °F on July 19, July 26, August 1, August 28, 2011

Minimum Winter Temperature -22 °F on February 9, 2011

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 a threshold temperature of 32.5 °F based on observations from 1911 to 2010.

2/ Growing degree days calculated from temperatures observed during the frost free period from May 5 through September 21 for 2011, and for the same 123 day interval from the period of record of 1911 to 2010.