

Summary of climatic data by months for the 2004-2005 crop year (October thru September) and averages for the period 1949-2005 at the Eastern Agricultural Research Center, Sidney, Montana. Irrigated and dryland site.

	<i>Month and Year</i>												Total or Average
	Oct 2004	Nov 2004	Dec 2004	Jan 2005	Feb 2005	Mar 2005	Apr 2005	May 2005	June 2005	July 2005	Aug 2005	Sept 2005	
Precipitation (inches)													
Current Year-Irrigated	1.44	0.01	0.54	0.42	0.00	0.86	0.00	3.29	4.35	1.55	0.85	0.12	13.43
Avg 1949 to 2005	0.88	0.49	0.43	0.42	0.35	0.53	1.08	1.98	2.87	2.10	1.42	1.26	13.81
Current Year-Dryland	0.92	0.01	0.54	0.42	0.00	0.86	0.04	3.01	3.81	1.39	0.76	0.06	11.82
Mean Temperature (F°)													
Current Year	46.8	35.9	26.0	10.5	29.1	35.8	51.7	54.4	66.5	73.3	69.8	61.7	46.79
Avg 1949 to 2005	45.9	29.8	18.2	12.0	19.9	30.0	44.5	56.0	64.4	69.7	68.6	57.6	43.05
Last killing frost in spring *													
2005.....	May 14, 2005 (29°F)												
Avg 1949 to 2005.....	May 16												
First killing frost in fall *													
2005.....	September 22, 2005 (31°F)												
Avg 1949 to 2005.....	September 20												
Frost-free period													
2005.....	131												
Avg 1949 to 2005.....	127												
Growing degree days (base 50) **													
May 1 - First killing frost.....	2480.5												
Avg 1949 to 2005.....	2229.6												
Maximum summer temperature	July 10, 2005 (99°F)												
Minimum winter temperature	January 5, 2005 (-35°F)												

* 32° is considered a killing frost.

** In calculating growing degree days, 29° is considered a killing frost.