

Summary of climatic data by months for the 2016-2017 crop year (October thru September) and averages for the period 1949-2017 at the Eastern Agricultural Research Center, Sidney, Montana, irrigated and dryland site.

Month Year	Oct 2016	Nov 2016	Dec 2016	Jan 2017	Feb 2017	Mar 2017	Apr 2017	May 2017	June 2017	July 2017	Aug 2017	Sept 2017	Total
<u>Precipitation (inches)</u>													
Current Year-Irrigated	0.59	0.09	0.59	0.17	0.30	0.58	0.31	0.47	1.27	0.60	1.47	1.86	8.30
Avg. 1949 to 2016-7	0.92	0.49	0.44	0.40	0.35	0.54	1.16	2.15	2.74	2.07	1.47	1.28	14.01
Current Year-Dryland	0.87	0.09	0.59	0.17	0.30	0.58	0.41	0.75	0.89	0.11	1.76	1.95	8.47
<u>Temperature (F °)</u>													Average
Ave. Maximum Temp	56.9	51.1	20.0	19.4	32.0	43.5	56.7	71.4	78.6	89.4	81.6	70.9	56.0
Ave. Minimum Temp	35.3	27.2	2.0	2.8	15.1	21.7	31.2	41.8	50.3	58.1	51.2	44.0	31.7
Current Year Mean Temp	46.1	39.2	11.0	11.1	23.6	32.6	44.0	56.6	64.5	73.8	66.4	57.5	43.9
Avg. 1949 to 2017	46.0	30.3	18.0	13.1	19.8	30.6	44.6	56.0	64.6	70.2	68.8	58.0	43.3

Last killing frost in spring *

2017May 19, 2016 (27.3°F)
 Avg. 1949 to 2017May 15

First killing frost in fall *

2017October 6, 2017 (30.7°F)
 Avg. 1949 to 2017September 21

Frost-free period

2017140
 Avg. 1949 to 2017129

Growing degree days (base 50) **

May 1 - First killing frost2350.7
 Avg. 1949 to 20172247.3

Maximum summer temperature.....July 16, 2017 (98.9°F)

Minimum winter temperature.....January 7, 2017 (-27.9°F)

* 32° is considered a killing frost.

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