

Summary of climatic data by months for the 2017-2018 crop year (October thru September) and averages for the period 1949-2018 at the Eastern Agricultural Research Center, Sidney, Montana, irrigated and dryland site.

Month Year	Oct 2017	Nov 2017	Dec 2017	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	June 2018	July 2018	Aug 2018	Sept 2018	Total
<b><u>Precipitation (inches)</u></b>													
<b>Current Year-Irrigated</b>	0.94	0.19	0.37	0.24	0.32	1.40	0.58	3.63	2.49	1.80	1.02	1.21	<b>14.19</b>
<b>Avg. 1949 to 2018</b>	0.92	0.48	0.44	0.40	0.35	0.55	1.15	2.17	2.49	2.05	1.46	1.28	<b>13.74</b>
<b>Current Year-Dryland</b>	1.05	0.19	0.37	0.24	0.32	1.40	0.94	3.42	2.26	2.19	0.61	1.35	<b>14.34</b>
<b><u>Temperature (F °)</u></b>													<b>Average</b>
<b>Ave. Maximum Temp</b>	59.2	40.1	27.8	24.4	15.2	35.2	49.3	73.6	79.0	83.5	82.3	66.4	<b>53.0</b>
<b>Ave. Minimum Temp</b>	31.2	17.7	8.0	2.0	-7.2	16.7	25.7	47.4	53.7	55.3	51.0	41.2	<b>28.6</b>
<b>Current Year Mean Temp</b>	45.2	28.9	17.9	13.2	4.0	26.0	37.5	60.5	66.4	69.4	66.7	53.8	<b>40.8</b>
<b>Avg. 1949 to 2018</b>	46.0	30.2	18.0	13.1	19.6	30.6	44.5	56.1	64.6	70.2	68.7	58.0	<b>43.3</b>

**Last killing frost in spring \***

2018 .....April 24, 2018 (28.3°F)  
 Avg. 1949 to 2018 .....May 15

**First killing frost in fall \***

2018 .....September 24, 2018 (31.6°F)  
 Avg. 1949 to 2018 .....September 21

**Frost-free period**

2018 .....153  
 Avg. 1949 to 2018 .....129

**Growing degree days (base 50) \*\***

May 1 - First killing frost .....2270.9  
 Avg. 1949 to 2018 .....2249.1

**Maximum summer temperature**.....August 11, 2018 (103.2°F)

**Minimum winter temperature**.....January 1, 2018 (-35.5°F)

\* 32° is considered a killing frost.

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