

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

Last killing frost in spring *

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

First killing frost in fall *

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

Frost-free period

2018153
 Avg. 1949 to 2018129

Growing degree days (base 50) **

May 1 - First killing frost2270.9
 Avg. 1949 to 20182249.1

Maximum summer temperatureAugust 11, 2018 (103.2°F)

Minimum winter temperatureJanuary 1, 2018 (-35.5°F)

* 32° is considered a killing frost.

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