

Summary of climatic data by months for the 2024-2025 crop year (October thru September) and averages for the period 1949-2025 at the Eastern Agricultural Research Center, Sidney, Montana, irrigated and dryland site.

Month Year	Oct 2024	Nov 2024	Dec 2024	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	June 2025	July 2025	Aug 2025	Sept 2025	
Precipitation (inches)													Total
Current Year-Irrigated	0.17	0.81	0.28	0.15	0.28	0.10	2.15	3.35	1.16	3.04	1.69	0.39	13.57
Avg. 1949 to 2025	0.93	0.48	0.43	0.38	0.35	0.51	1.12	2.24	2.65	2.03	1.44	1.33	13.89
Current Year-Dryland	0.17	0.47	0.26	0.17	0.31	0.12	3.20	3.81	0.95	3.32	1.61	0.79	15.18
Temperature (F °)													Average
Ave. Maximum Temp	66.3	39.2	32.4	24.4	16.6	50.2	58.2	69.6	77.7	82.7	82.6	78.7	56.6
Ave. Minimum Temp	32.1	18.5	13.6	7.1	-3.6	24.5	30.3	43.9	51.8	57.0	55.0	46.4	31.4
Current Year Mean Temp	49.2	28.9	23.0	15.8	6.5	37.4	44.3	56.8	64.8	69.9	68.8	62.6	44.0
Avg. 1949 to 2025	45.8	30.2	18.3	13.6	19.2	30.5	44.3	56.0	64.6	70.2	68.8	58.3	43.3

Last killing frost in spring *

2025 May 2, 2025 (30.5°F)
Avg. 1949 to 2025 May 14

First killing frost in fall *

2025 September 6, 2025 (30.9°F)
Avg. 1949 to 2025 September 22

Frost-free period

2025 128
Avg. 1949 to 2025 131

Growing degree days (base 50) **

May 1 - First killing frost 2048.3
Avg. 1949 to 2025 2256.9

Maximum summer temperature July 9, 2025 (100.7°F)

Minimum winter temperature February 19, 2025 (-36.1°F)

* 32° is considered a killing frost. ** In calculating growing degree days, 29° is considered a killing frost.
NOTE: *Precipitation* derived from: NDAWN for October 2024 through October 2025.
Temperature: NDAWN