

Summary of climatic data by months for the 2018-2019 crop year (September to August) and averages for the period 1916-2019 at the Northern Agricultural Research Center. Havre, Montana.

Month Year	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Crop Year
Precipitation (inches)													Total
Current Year	2.08	0.29	0.35	0.02	0.40	0.86	0.23	0.92	1.53	3.24	0.64	0.73	11.29
Average (1916-2019)	1.17	0.69	0.44	0.45	0.43	0.35	0.54	1.00	1.84	2.55	1.43	1.18	12.07
Difference	0.91	-0.40	-0.09	-0.43	-0.03	0.51	-0.31	-0.08	-0.31	0.69	-0.79	-0.45	-0.78
Mean Temperature (°F)													Average
Current Year	54.1	42.8	31.9	27.0	24.1	-6.1	21.0	44.6	49.4	61.4	67.4	67.3	40.4
Average (1916-2019)	56.3	45.6	30.2	19.6	15.7	19.7	30.0	43.6	53.9	61.8	69.3	67.3	42.8
Difference	-2.2	-2.8	1.7	7.4	8.4	-25.8	-9.0	1.0	-4.5	-0.4	-1.9	0.0	-2.4

Last killing frost in spring*

2019 _____ May 20th (29.3°)
 Ave. 1916-2019 _____ May 14th

First killing frost in fall*

2019 _____ September 28th (29.0°)
 Ave. 1916-2019 _____ September 20th

Frost free period

2019 _____ 131 days
 Ave. 1916-2019 _____ 129 days

Growing degree days (base 50)

May 20-Sept. 28, 2019 _____ 1851.6
 May 1-Sept. 30, 2019 _____ 1955.9
 Ave. 1951-2019 (May 1-Sept. 30) _____ 2177.1

Maximum summer temperature _____ 98.1° F on August 3, 2019
 Minimum winter temperature _____ -38.4° F on February 7, 2019

*In this summary 32° is considered a killing frost.