

Summary of Monthly Normals
1991-2020

Current Location: Elev: 2756 ft. Lat: 48.4089° N Lon: 106.5144° W
Station: **ST MARIE, MT US USW00094010**
Generated on 05/23/2024

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	24.3	5.7	15.0	5.7	6.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	1239.9	1301.9	1394.9	1549.9	0.0	0.0	0.5	19.8	30.4	11.2
02	27.9	8.7	18.3	9.1	8.4	8.7	0.0	0.0	0.0	0.0	0.0	0.0	1027.4	1083.4	1167.4	1307.5	0.0	0.0	0.9	16.6	27.5	8.3
03	41.4	19.7	30.6	8.2	5.9	7.0	0.6	0.2	0.0	0.0	0.0	0.0	758.7	820.2	913.0	1068.0	0.0	0.0	9.3	9.1	27.2	3.3
04	56.1	30.8	43.5	4.2	2.9	3.4	10.0	5.6	2.2	0.3	0.0	0.0	356.6	412.2	498.8	646.9	0.0	0.0	21.8	1.2	16.5	0.1
05	66.5	41.1	53.8	3.5	2.6	2.8	82.4	57.6	30.6	8.0	1.0	0.2	119.7	156.9	222.9	355.3	0.0	0.0	29.3	0.1	5.1	0.0
06	74.7	50.7	62.7	3.0	2.0	2.3	245.7	195.7	129.9	52.8	14.9	7.7	14.7	24.7	48.9	121.8	0.0	1.1	29.9	0.0	0.1	0.0
07	84.5	56.8	70.6	3.9	3.0	3.3	485.2	423.6	332.9	193.9	88.1	58.5	0.2	0.7	2.9	18.9	0.4	9.1	31.0	0.0	0.0	0.0
08	83.9	55.7	69.8	3.6	2.6	2.9	461.1	401.1	314.2	183.9	84.9	56.7	2.4	4.5	10.6	35.2	0.3	8.4	31.0	0.0	0.0	0.0
09	72.8	45.9	59.3	4.1	2.6	3.2	190.5	151.5	102.7	45.2	14.0	7.4	60.1	81.2	122.3	214.8	0.0	1.8	29.0	0.0	1.3	0.0
10	56.5	33.0	44.8	4.5	3.6	3.9	24.1	16.1	8.4	2.2	0.3	0.1	341.9	395.8	481.2	629.9	0.0	0.0	23.1	1.4	14.3	0.1
11	39.3	20.3	29.8	6.2	5.3	5.6	0.5	0.3	0.1	0.0	0.0	0.0	756.5	816.2	906.1	1056.0	0.0	0.0	7.4	8.7	25.6	2.3
12	27.2	9.4	18.3	6.7	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	1137.4	1199.4	1292.4	1447.5	0.0	0.0	0.5	17.8	30.6	7.8
Summary	54.6	31.5	43.0	5.2	4.3	4.6	1500	1252	921	486	203	131	5816	6297	7061	8452	0.7	20.4	213.7	74.7	178.6	33.1

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)									
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount			
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels			
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75	
01	0.25	3.4	0.6	0.1	0.0	0.10	0.14	0.25	
02	0.20	2.9	0.6	0.0	0.0	0.02	0.08	0.30	
03	0.23	3.1	0.8	0.1	0.0	0.11	0.20	0.32	
04	0.82	5.5	2.5	0.3	0.0	0.46	0.72	1.11	
05	1.94	8.8	5.1	1.3	0.3	1.03	1.46	2.48	
06	3.08	11.4	7.1	1.7	0.6	2.42	2.92	3.80	
07	1.57	7.4	4.0	0.9	0.2	0.84	1.45	2.12	
08	1.32	6.3	3.7	0.7	0.3	0.69	0.99	1.94	
09	0.99	5.7	2.8	0.6	0.2	0.43	0.80	1.34	
10	0.95	5.6	2.3	0.5	0.2	0.51	0.72	1.23	
11	0.26	3.3	0.8	0.0	0.0	0.14	0.23	0.33	
12	0.16	3.4	0.5	0.0	0.0	0.05	0.14	0.24	
Summary	11.77	66.8	30.8	6.2	1.8	6.80	9.85	15.46	

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	1.0	2.6	46.0	175.7	433.9	681.0	949.9	923.6	582.8	218.9	38.4	1.5
45	0.2	0.6	16.8	90.1	292.8	531.3	794.9	768.6	439.8	123.1	15.0	0.3
50	0.0	0.1	4.2	35.9	172.1	384.0	640.0	614.0	306.5	58.8	4.3	0.0
55	0.0	0.0	0.6	10.0	82.4	245.7	485.2	461.1	190.5	24.1	0.5	0.0
60	0.0	0.0	0.0	2.2	30.6	129.9	332.9	314.2	102.7	8.4	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.4	2.3	37.8	129.0	267.2	409.0	607.5	588.4	361.7	143.5	26.6	0.8

Growing Degree Units (Accumulated Monthly)												
40	1	4	50	225	659	1340	2290	3214	3796	4015	4054	4055
45	0	1	18	108	400	932	1727	2495	2935	3058	3073	3074
50	0	0	4	40	212	596	1236	1850	2157	2216	2220	2220
55	0	0	1	11	93	339	824	1285	1476	1500	1500	1500
60	0	0	0	2	33	163	496	810	912	921	921	921
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	3	40	170	437	846	1453	2042	2403	2547	2573	2574

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.

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