

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 2250 ft. Lat: 46.7939° N Lon: 105.3022° W
Station: TERRY, MT US USC00248165

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	28.4	6.1	17.2	6.7	7.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	1170.0	1232.0	1325.1	1480.1	0.0	0.0	1.8	15.5	30.6	11.4
02	33.7	10.8	22.2	9.5	9.1	9.1	0.1	0.0	0.0	0.0	0.0	0.0	916.9	972.8	1056.9	1196.9	0.0	0.0	4.9	10.7	27.4	6.9
03	46.2	21.5	33.8	7.7	5.1	6.3	1.9	0.9	0.1	0.0	0.0	0.0	657.7	718.7	810.9	965.7	0.0	0.0	14.0	5.7	27.5	2.4
04	57.9	32.2	45.0	4.0	2.7	3.1	18.4	11.3	4.9	0.8	0.1	0.0	316.9	369.9	453.4	599.3	0.0	0.1	22.9	1.1	16.3	0.1
05	68.0	42.7	55.4	3.9	2.6	2.8	115.7	86.8	52.6	17.1	3.3	1.3	105.0	138.0	196.8	316.2	0.0	0.7	29.2	0.0	4.5	0.0
06	78.2	52.6	65.4	3.7	2.2	2.7	320.4	267.1	193.7	96.0	37.0	22.9	8.5	15.2	31.8	84.1	0.2	3.9	29.9	0.0	0.1	0.0
07	88.1	58.5	73.3	4.5	2.6	3.3	567.4	506.0	414.7	270.2	147.2	108.0	0.4	1.0	2.7	13.0	2.9	15.1	31.0	0.0	0.0	0.0
08	87.0	56.0	71.5	3.6	2.2	2.7	514.9	454.9	366.9	231.6	119.5	84.5	3.6	5.6	10.6	30.2	2.4	14.1	31.0	0.0	0.1	0.0
09	75.7	45.3	60.5	4.2	3.0	3.2	214.7	173.2	119.0	54.3	18.3	10.8	49.9	68.4	104.1	189.4	0.3	4.4	29.4	0.0	2.5	0.0
10	59.1	32.7	45.9	4.7	2.7	3.4	30.4	20.8	11.0	2.8	0.6	0.2	312.5	364.9	448.1	594.9	0.0	0.2	24.1	0.9	16.0	0.1
11	43.8	20.0	31.9	6.1	4.4	4.9	0.4	0.2	0.0	0.0	0.0	0.0	693.3	753.1	843.0	993.0	0.0	0.0	11.4	5.7	27.9	2.0
12	32.2	9.7	21.0	7.3	6.4	6.7	0.0	0.0	0.0	0.0	0.0	0.0	1055.3	1117.3	1210.3	1365.4	0.0	0.0	2.7	13.1	30.9	7.5
Summary	58.2	32.3	45.3	5.5	4.2	4.6	1784	1521	1163	673	326	228	5290	5757	6494	7828	5.8	38.5	232.3	52.7	183.8	30.4

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

Current Location: Elev: 2250 ft. Lat: 46.7939° N Lon: 105.3022° W
Station: **TERRY, MT US USC00248165**

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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	0.29	4.6	0.9	0.0	0.0	0.12	0.31	0.44	
02	0.34	3.2	1.1	0.0	0.0	0.09	0.37	0.47	
03	0.44	4.5	1.5	0.2	0.0	0.20	0.36	0.61	
04	1.43	6.4	3.4	0.7	0.1	0.74	1.10	2.22	
05	2.51	9.3	5.8	1.4	0.5	1.30	2.42	3.21	
06	2.36	9.4	5.8	1.1	0.3	1.22	1.84	3.01	
07	1.90	7.3	4.1	1.1	0.3	0.85	1.46	2.61	
08	1.31	5.3	3.3	0.8	0.3	0.56	1.02	1.85	
09	1.17	4.4	2.2	0.6	0.1	0.38	0.91	1.43	
10	0.92	4.9	2.4	0.4	0.0	0.52	0.77	1.34	
11	0.37	2.8	1.4	0.0	0.0	0.11	0.29	0.51	
12	0.32	3.1	0.8	0.0	0.0	0.10	0.27	0.45	
Summary	13.36	65.2	32.7	6.3	1.6	6.19	11.12	18.15	

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	3.30	2.0	1.5	0.4	0.0	0.0	13.1	9.1	6.4	1.3	0.00	1.00	4.00
02	1.40	1.4	1.1	0.4	0.1	0.0	7.8	5.3	3.8	2.6	0.00	0.00	1.20
03	1.20	0.7	0.4	0.1	0.0	0.0	4.1	2.7	2.1	0.1	0.00	0.00	2.00
04	1.00	0.4	0.4	0.2	0.1	0.0	0.7	0.3	0.1	0.0	0.00	0.00	0.00
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.20	0.1	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
11	1.60	0.6	0.4	0.2	0.0	0.0	2.2	1.0	0.5	0.1	0.00	0.00	2.00
12	3.10	1.3	1.0	0.4	0.1	0.0	7.8	5.3	3.1	0.2	0.00	0.80	3.60
Summary	11.8	6.5	4.9	1.7	0.3	0.0	35.9	23.7	16.0	4.3	0.0	1.8	12.8

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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	1.7	8.6	69.5	207.2	480.9	762.0	1031.9	976.1	616.0	240.0	39.2	3.0
45	0.3	2.2	29.4	113.2	337.7	612.3	877.0	821.4	471.0	140.2	13.8	0.5
50	0.0	0.5	9.5	51.4	211.7	463.6	722.1	667.0	334.7	70.2	3.2	0.0
55	0.0	0.1	1.9	18.4	115.7	320.4	567.4	514.9	214.7	30.4	0.4	0.0
60	0.0	0.0	0.1	4.9	52.6	193.7	414.7	366.9	119.0	11.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.0	12.7	68.7	150.2	293.3	470.9	654.4	612.4	392.6	172.8	42.2	4.8

Growing Degree Units (Accumulated Monthly)												
40	2	10	80	287	768	1530	2562	3538	4154	4394	4433	4436
45	0	2	32	145	483	1095	1972	2794	3264	3405	3418	3419
50	0	0	10	61	273	737	1459	2126	2460	2531	2534	2534
55	0	0	2	20	136	456	1024	1539	1754	1784	1784	1784
60	0	0	0	5	58	251	666	1033	1152	1163	1163	1163
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	16	84	235	528	999	1653	2266	2658	2831	2873	2878

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