

Summary of Monthly Normals
1991-2020

Current Location: Elev: 5789 ft. Lat: 38.4858° N Lon: 107.8792° W
Station: MONTROSE #2, CO US USC00055722
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	40.2	17.5	28.8	4.2	4.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	810.5	872.5	965.5	1120.5	0.0	0.0	3.2	6.3	30.4	1.2
02	46.4	23.0	34.7	3.7	3.2	3.2	0.1	0.0	0.0	0.0	0.0	0.0	568.4	624.4	708.4	848.4	0.0	0.0	9.4	2.3	26.2	0.4
03	56.8	30.2	43.5	2.9	2.1	2.3	4.2	1.6	0.3	0.0	0.0	0.0	360.8	420.2	511.9	666.6	0.0	0.0	23.2	0.3	21.6	0.1
04	64.1	36.6	50.3	3.4	2.2	2.7	39.6	24.3	9.8	1.5	0.1	0.0	179.0	223.7	299.2	440.9	0.0	0.0	26.6	0.0	11.1	0.0
05	73.9	45.0	59.4	3.5	2.0	2.6	185.1	142.2	87.2	27.9	5.3	2.3	47.1	66.2	104.3	200.0	0.0	0.4	30.6	0.0	1.9	0.0
06	85.5	53.3	69.4	3.7	2.4	2.9	434.3	376.1	291.7	164.4	65.6	39.1	2.4	4.3	9.8	32.5	0.0	8.1	30.0	0.0	0.0	0.0
07	90.2	59.2	74.7	2.8	2.3	2.3	610.6	548.6	455.7	302.0	156.0	105.4	0.0	0.1	0.1	1.4	0.3	16.3	31.0	0.0	0.0	0.0
08	87.1	57.5	72.3	2.6	1.8	2.1	536.3	474.3	381.8	230.2	96.7	56.9	0.0	0.2	0.6	4.0	0.0	8.5	31.0	0.0	0.0	0.0
09	79.4	49.0	64.2	2.5	2.4	2.3	290.3	237.4	163.5	65.2	14.8	6.5	14.4	21.4	37.5	89.3	0.0	1.3	29.9	0.0	0.7	0.0
10	66.5	37.3	51.9	3.2	2.7	2.5	51.9	32.4	13.3	1.3	0.0	0.0	148.0	190.4	264.3	407.4	0.0	0.0	28.9	0.1	9.0	0.0
11	52.2	27.2	39.7	4.5	2.5	3.4	2.2	1.0	0.2	0.0	0.0	0.0	461.2	520.0	609.2	759.0	0.0	0.0	17.3	1.3	24.4	0.0
12	40.6	17.7	29.2	3.5	3.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	801.1	863.1	956.1	1111.1	0.0	0.0	4.3	7.8	30.3	1.0
Summary	65.2	37.8	51.5	3.4	2.6	2.8	2155	1838	1404	792	338	210	3393	3806	4467	5681	0.3	34.6	265.4	18.1	155.6	2.7

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	0.51	4.6	1.8	0.0	0.0	0.35	0.46	0.61	
02	0.47	4.6	1.7	0.1	0.0	0.17	0.46	0.65	
03	0.68	5.4	2.5	0.2	0.0	0.31	0.50	0.89	
04	0.77	5.8	2.5	0.2	0.0	0.34	0.69	0.93	
05	0.82	5.6	2.7	0.2	0.0	0.23	0.62	1.19	
06	0.50	3.3	1.5	0.1	0.0	0.13	0.42	0.75	
07	0.90	6.3	2.7	0.3	0.0	0.44	0.64	1.35	
08	1.12	7.9	3.7	0.4	0.0	0.56	1.00	1.43	
09	1.24	6.5	3.5	0.6	0.0	0.65	1.04	1.74	
10	1.03	5.7	3.1	0.4	0.0	0.55	0.80	1.44	
11	0.65	4.4	2.1	0.3	0.0	0.27	0.46	1.01	
12	0.64	5.0	2.3	0.1	0.0	0.37	0.51	0.83	
Summary	9.33	65.1	30.1	2.9	0.0	4.37	7.60	12.82	

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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	4.70	2.8	1.8	0.4	0.1	0.0	15.9	7.1	2.5	0.0	2.20	3.60	6.40
02	3.90	2.4	1.4	0.3	0.2	0.0	5.6	2.6	1.2	0.1	0.00	2.00	6.70
03	2.20	1.4	1.0	0.2	0.0	0.0	1.8	0.5	0.2	0.0	0.00	0.50	3.90
04	0.60	0.5	0.3	0.0	0.0	0.0	0.4	0.1	0.0	0.0	0.00	0.00	0.60
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	0.50	0.3	0.2	0.1	0.0	0.0	0.5	0.3	0.1	0.0	0.00	0.00	0.00
11	2.70	1.3	0.9	0.3	0.1	0.0	1.7	0.7	0.1	0.0	0.00	1.80	3.90
12	6.90	3.6	2.6	0.8	0.2	0.0	10.5	5.6	1.9	0.0	3.80	5.80	9.80
Summary	21.5	12.3	8.2	2.1	0.6	0.0	36.4	16.9	6.0	0.1	6.0	13.7	31.3

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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	4.5	29.1	159.9	321.5	603.5	881.9	1075.6	1001.2	726.0	379.9	100.2	9.1
45	0.2	6.6	71.7	198.7	452.0	731.9	920.6	846.2	576.7	243.8	40.9	1.4
50	0.0	0.8	22.2	103.2	308.7	582.3	765.6	691.2	430.2	128.7	11.5	0.0
55	0.0	0.1	4.2	39.6	185.1	434.3	610.6	536.3	290.3	51.9	2.2	0.0
60	0.0	0.0	0.3	9.8	87.2	291.7	455.7	381.8	163.5	13.3	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	6.2	28.9	127.8	218.3	379.8	559.0	689.0	650.1	465.4	262.6	84.1	11.0

Growing Degree Units (Accumulated Monthly)												
40	4	34	194	515	1118	2000	3076	4077	4803	5183	5283	5292
45	0	7	78	277	729	1461	2382	3228	3805	4048	4089	4091
50	0	1	23	126	435	1017	1783	2474	2904	3033	3044	3044
55	0	0	4	44	229	663	1274	1810	2100	2152	2155	2155
60	0	0	0	10	97	389	845	1226	1390	1403	1404	1404
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	6	35	163	381	761	1320	2009	2659	3124	3387	3471	3482

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