

Summary of Monthly Normals
1991-2020

Current Location: Elev: 3627 ft. Lat: 38.0936° N Lon: 102.6306° W
Station: LAMAR, CO US USC00054770
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	45.1	13.7	29.4	5.4	4.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	793.5	855.5	948.5	1103.5	0.0	0.0	12.1	5.4	30.8	2.1
02	49.2	17.0	33.1	6.6	3.6	4.6	0.5	0.2	0.0	0.0	0.0	0.0	613.5	669.1	753.0	893.0	0.0	0.0	14.9	4.2	27.5	1.0
03	60.2	26.3	43.3	3.9	2.9	2.9	15.1	8.8	3.3	0.2	0.0	0.0	379.4	435.1	522.7	674.5	0.0	0.0	24.1	1.1	24.0	0.1
04	68.4	36.1	52.2	3.5	2.4	2.7	74.8	51.8	26.5	6.4	0.7	0.2	157.1	194.2	258.9	388.9	0.0	0.7	27.0	0.1	9.1	0.0
05	77.7	46.8	62.2	3.6	2.1	2.5	258.6	210.7	146.8	65.8	21.4	12.4	33.7	47.9	76.9	151.0	0.2	4.7	30.5	0.0	0.9	0.0
06	88.7	57.5	73.1	4.1	2.3	3.0	544.0	485.1	397.8	259.7	143.1	104.6	1.2	2.3	5.0	16.9	3.9	15.5	30.0	0.0	0.0	0.0
07	93.3	62.9	78.1	2.9	1.9	2.3	715.8	653.9	560.9	407.5	258.7	202.5	0.0	0.0	0.1	1.6	6.9	22.2	31.0	0.0	0.0	0.0
08	90.6	60.9	75.7	3.3	1.9	2.4	643.1	581.3	488.7	336.5	194.2	143.4	0.1	0.2	0.6	3.4	3.4	19.0	31.0	0.0	0.0	0.0
09	83.5	51.5	67.5	3.9	2.8	3.1	386.4	332.1	254.8	143.7	63.6	41.4	11.6	17.3	30.0	68.9	0.6	9.9	29.8	0.0	0.1	0.0
10	69.9	36.0	53.0	4.2	2.8	3.0	86.3	61.9	34.7	9.3	1.5	0.7	149.6	187.3	253.1	382.7	0.0	1.2	28.6	0.5	10.1	0.0
11	56.4	23.3	39.9	5.5	2.8	3.7	4.6	2.3	0.9	0.1	0.0	0.0	459.0	516.8	605.4	754.5	0.0	0.0	20.9	1.3	26.6	0.2
12	45.5	14.4	30.0	4.9	2.8	3.5	0.0	0.0	0.0	0.0	0.0	0.0	776.3	838.2	931.2	1086.2	0.0	0.0	12.8	5.4	30.9	1.5
Summary	69.0	37.2	53.1	4.3	2.7	3.2	2729	2388	1914	1229	683	505	3375	3764	4385	5525	15.0	73.2	292.7	18.0	160.0	4.9

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	0.33	2.7	1.1	0.1	0.0	0.10	0.22	0.50	
02	0.42	3.0	1.5	0.1	0.0	0.13	0.35	0.53	
03	0.72	4.2	2.0	0.4	0.0	0.28	0.61	0.99	
04	1.46	5.8	3.6	0.9	0.2	0.41	1.09	2.23	
05	1.93	7.5	4.3	1.1	0.4	0.62	1.28	2.73	
06	2.53	7.4	4.7	1.7	0.5	1.24	2.45	3.43	
07	2.81	8.3	5.4	1.8	0.8	1.28	2.72	3.88	
08	2.78	7.4	4.6	2.1	0.7	1.38	2.44	4.04	
09	1.19	4.6	2.6	0.7	0.2	0.66	0.93	1.54	
10	1.08	4.3	2.3	0.7	0.1	0.17	0.58	1.54	
11	0.48	3.4	1.5	0.2	0.0	0.13	0.23	0.62	
12	0.46	3.2	1.2	0.2	0.1	0.13	0.21	0.54	
Summary	16.19	61.8	34.8	10.0	3.0	6.53	13.11	22.57	

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	6.30	2.2	2.1	0.8	0.5	0.0	4.9	3.2	2.1	1.2	2.50	5.00	8.00
02	5.40	2.0	1.9	0.7	0.3	0.0	4.2	2.9	1.6	0.1	0.50	5.00	6.00
03	4.70	1.5	1.5	0.7	0.2	0.1	1.9	1.2	0.6	0.1	0.00	4.00	8.30
04	1.70	0.8	0.8	0.2	0.0	0.0	0.7	0.2	0.1	0.0	0.00	0.00	3.00
05	0.10	0.1	0.1	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	2.10	0.4	0.4	0.2	0.1	0.0	0.5	0.4	0.3	0.2	0.00	0.00	1.00
11	3.60	1.3	1.2	0.7	0.2	0.0	2.1	1.4	0.6	0.0	0.00	1.40	4.60
12	5.90	2.1	2.0	0.8	0.3	0.1	4.5	1.9	0.7	0.2	1.10	4.00	7.90
Summary	29.8	10.4	10.0	4.1	1.6	0.2	18.8	11.2	6.0	1.8	4.1	19.4	38.8

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Station: LAMAR, CO US USC00054770

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	14.3	38.6	184.8	385.8	690.3	992.9	1181.0	1108.2	825.0	419.7	115.5	17.3
45	2.7	12.7	100.0	260.0	537.8	843.0	1026.0	953.2	675.9	285.4	53.9	3.8
50	0.3	3.2	44.4	154.2	392.4	693.0	870.7	798.0	528.5	171.5	18.9	0.5
55	0.0	0.5	15.1	74.8	258.6	544.0	715.8	643.1	386.4	86.3	4.6	0.0
60	0.0	0.0	3.3	26.5	146.8	397.8	560.9	488.7	254.8	34.7	0.9	0.0
Growing Degree Units for Corn (Monthly)												
50/86	49.2	77.5	193.3	285.4	436.6	620.9	745.1	705.4	519.5	316.5	142.3	50.5

Growing Degree Units (Accumulated Monthly)												
40	14	53	238	624	1314	2307	3488	4596	5421	5841	5956	5973
45	3	15	115	375	913	1756	2782	3735	4411	4697	4751	4754
50	0	4	48	202	594	1288	2158	2956	3485	3656	3675	3676
55	0	0	16	90	349	893	1609	2252	2638	2725	2729	2729
60	0	0	3	30	177	574	1135	1624	1879	1914	1914	1914
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	49	127	320	605	1042	1663	2408	3113	3633	3949	4092	4142

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

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