

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 7142 ft. Lat: 37.1997° N Lon: 108.4892° W

Station: MESA VERDE NP, CO US USC00055531

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	39.6	20.0	29.8	3.6	3.7	3.5	0.0	0.0	0.0	0.0	0.0	0.0	781.2	843.2	936.2	1091.2	0.0	0.0	3.2	5.5	30.6	0.5
02	42.7	23.3	33.0	4.1	3.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	615.9	671.9	755.9	895.9	0.0	0.0	6.4	3.0	25.6	0.2
03	51.2	29.6	40.4	3.4	2.2	2.6	1.3	0.3	0.0	0.0	0.0	0.0	453.9	515.0	607.7	762.7	0.0	0.0	18.6	0.8	22.1	0.0
04	59.3	34.4	46.8	3.0	2.4	2.5	13.6	6.8	2.1	0.1	0.0	0.0	258.0	311.2	396.5	544.6	0.0	0.0	24.8	0.1	14.0	0.0
05	69.2	42.6	55.9	4.0	2.8	3.2	115.1	82.3	44.5	12.3	2.2	0.8	87.1	116.3	171.6	294.4	0.0	0.1	29.9	0.0	3.8	0.0
06	81.3	52.3	66.8	3.6	3.2	3.3	360.2	304.3	224.2	113.2	39.2	21.0	6.3	10.5	20.3	59.3	0.0	2.8	30.0	0.0	0.4	0.0
07	86.4	58.6	72.5	2.6	1.6	2.0	542.4	480.5	388.2	237.0	104.3	63.3	0.1	0.2	0.7	4.6	0.0	9.0	31.0	0.0	0.0	0.0
08	83.5	57.0	70.3	2.6	1.5	1.9	472.8	410.9	319.0	171.4	57.9	30.9	0.1	0.3	1.2	8.7	0.0	3.6	31.0	0.0	0.0	0.0
09	76.0	50.0	63.0	2.6	1.9	2.1	257.0	205.2	134.6	47.1	8.9	3.5	17.1	25.3	44.7	107.2	0.0	0.5	29.9	0.0	0.5	0.0
10	63.3	38.6	50.9	3.4	2.7	2.7	42.5	24.5	8.9	0.7	0.0	0.0	167.9	212.0	289.5	436.3	0.0	0.0	28.1	0.1	7.8	0.0
11	50.4	28.8	39.6	4.5	3.0	3.7	1.7	0.7	0.1	0.0	0.0	0.0	463.7	522.7	612.1	762.0	0.0	0.0	16.8	1.3	21.3	0.0
12	39.9	20.4	30.2	3.0	2.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	770.1	832.1	925.1	1080.1	0.0	0.0	4.4	6.3	29.6	0.2
Summary	61.9	38.0	49.9	3.4	2.6	2.8	1807	1516	1122	582	212	120	3621	4061	4762	6047	0.0	16.0	254.1	17.1	155.7	0.9

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	1.96	7.4	4.4	1.1	0.3	0.84	1.46	3.05
02	1.66	8.1	4.8	0.9	0.2	0.79	1.37	2.37
03	1.38	6.5	4.1	0.6	0.1	0.39	1.00	2.15
04	1.14	5.9	3.0	0.7	0.1	0.50	0.94	1.44
05	1.13	6.7	3.4	0.5	0.0	0.21	1.01	1.37
06	0.47	3.3	1.3	0.2	0.0	0.05	0.30	0.83
07	1.41	9.0	3.8	0.9	0.1	0.81	1.52	1.91
08	2.05	10.5	5.4	1.1	0.2	1.67	2.05	2.50
09	1.77	7.5	4.0	1.3	0.2	0.94	1.54	2.47
10	1.44	6.4	3.5	1.0	0.1	0.27	1.50	2.29
11	1.19	5.6	3.3	0.6	0.2	0.51	1.01	1.70
12	1.51	7.6	4.5	0.8	0.2	0.64	1.07	2.18
Summary	17.11	84.5	45.5	9.7	1.7	7.62	14.77	24.26

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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	18.10	6.3	5.2	2.7	1.1	0.2	23.8	20.4	16.1	10.0	6.80	14.60	25.70
02	12.00	6.4	4.9	2.1	0.8	0.1	19.2	15.8	13.1	8.0	5.90	11.20	18.60
03	8.00	4.2	3.1	1.0	0.3	0.0	9.9	7.2	5.5	3.4	2.30	6.20	8.90
04	5.00	2.3	1.6	0.5	0.1	0.0	1.6	0.9	0.4	0.0	0.50	2.70	8.40
05	0.60	0.2	0.2	0.1	0.0	0.0	0.1	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	1.50	0.7	0.6	0.1	0.0	0.0	0.7	0.1	0.1	0.0	0.00	0.00	1.80
11	5.60	2.7	2.0	0.8	0.3	0.0	4.3	2.1	1.4	0.1	1.80	3.50	9.30
12	14.20	5.8	4.7	1.8	0.8	0.1	15.6	10.9	6.6	2.0	6.20	12.50	18.10
Summary	65.0	28.6	22.3	9.1	3.4	0.4	75.2	57.4	43.2	23.5	23.5	50.7	90.8

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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	4.4	18.3	101.3	232.9	496.4	803.9	1007.4	937.7	690.0	353.4	101.2	9.0
45	0.5	3.3	37.1	127.0	350.9	653.9	852.4	782.7	540.9	221.4	42.8	0.9
50	0.0	0.1	9.5	51.8	220.2	505.0	697.4	627.7	395.3	115.0	11.9	0.1
55	0.0	0.0	1.3	13.6	115.1	360.2	542.4	472.8	257.0	42.5	1.7	0.0
60	0.0	0.0	0.0	2.1	44.5	224.2	388.2	319.0	134.6	8.9	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	4.0	12.2	68.6	155.6	310.2	519.9	664.4	614.8	426.6	216.0	66.3	6.5

Growing Degree Units (Accumulated Monthly)												
40	4	23	124	357	853	1657	2665	3602	4292	4646	4747	4756
45	0	4	41	168	519	1173	2025	2808	3349	3570	3613	3614
50	0	0	10	61	282	787	1484	2112	2507	2622	2634	2634
55	0	0	1	15	130	490	1033	1505	1762	1805	1807	1807
60	0	0	0	2	47	271	659	978	1113	1122	1122	1122
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	16	85	240	551	1070	1735	2350	2776	2992	3059	3065

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

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