

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 6897 ft. Lat: 37.3350° N Lon: 108.3161° W
Station: **MANCOS 1SW, CO US USC00055327**

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	40.0	12.4	26.2	3.6	4.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	892.8	954.8	1047.8	1202.8	0.0	0.0	3.7	4.5	30.4	3.2
02	43.7	17.0	30.3	4.2	3.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	690.2	746.2	830.2	970.2	0.0	0.0	7.2	2.4	27.4	1.7
03	52.9	22.7	37.8	3.8	2.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0	533.2	595.2	688.2	843.2	0.0	0.0	20.9	0.6	27.8	0.2
04	60.8	27.8	44.3	3.4	2.4	2.7	3.1	1.0	0.1	0.0	0.0	0.0	324.0	382.0	471.0	621.0	0.0	0.0	26.4	0.0	21.4	0.0
05	69.9	34.9	52.4	3.6	1.9	2.4	44.7	25.9	9.6	1.1	0.0	0.0	125.3	168.5	245.2	391.7	0.0	0.0	30.5	0.0	9.1	0.0
06	80.8	42.8	61.8	3.4	2.2	2.6	216.1	164.7	97.6	25.7	2.9	0.9	12.1	20.8	43.6	121.7	0.0	1.9	30.0	0.0	1.1	0.0
07	85.0	50.5	67.8	2.6	2.4	2.1	395.3	333.4	241.3	98.3	15.1	4.3	0.1	0.2	1.2	13.1	0.0	5.6	31.0	0.0	0.0	0.0
08	82.3	49.4	65.9	2.7	1.7	1.8	336.5	275.2	185.9	59.2	5.7	1.6	0.2	0.9	4.6	32.9	0.0	1.7	31.0	0.0	0.0	0.0
09	75.1	41.6	58.3	2.7	2.4	2.1	131.4	88.8	40.3	5.4	0.2	0.0	30.9	48.3	89.8	204.9	0.0	0.5	30.0	0.0	2.4	0.0
10	63.9	31.0	47.4	3.5	2.6	2.3	8.9	3.3	0.7	0.0	0.0	0.0	242.9	299.4	389.7	544.0	0.0	0.0	29.3	0.1	16.2	0.0
11	51.0	21.5	36.3	4.7	2.8	3.4	0.1	0.0	0.0	0.0	0.0	0.0	562.6	622.5	712.5	862.5	0.0	0.0	17.3	1.3	27.6	0.2
12	40.5	14.0	27.3	3.5	3.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	860.2	922.2	1015.2	1170.2	0.0	0.0	4.6	5.4	30.4	2.9
Summary	62.2	30.5	46.3	3.5	2.7	2.7	1136	892	576	190	24	7	4274	4761	5539	6978	0.0	9.7	261.9	14.3	193.8	8.2

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	1.38	7.6	4.4	0.7	0.0	0.72	1.09	1.69
02	1.27	7.4	4.2	0.6	0.0	0.74	1.15	1.55
03	1.14	6.5	3.6	0.5	0.1	0.36	0.79	1.75
04	1.04	5.6	3.1	0.4	0.1	0.36	0.87	1.39
05	1.04	6.0	2.8	0.5	0.0	0.18	0.49	1.55
06	0.58	3.6	1.6	0.3	0.1	0.16	0.40	0.71
07	1.64	9.6	4.3	0.9	0.2	1.04	1.73	2.16
08	1.79	10.5	5.3	1.0	0.1	0.99	1.62	2.43
09	1.90	7.5	4.5	1.3	0.3	1.40	1.79	2.75
10	1.42	6.3	3.5	0.6	0.1	0.59	1.41	1.91
11	1.22	5.5	3.4	0.5	0.1	0.62	1.05	1.73
12	1.25	7.0	3.8	0.6	0.0	0.68	1.01	1.87
Summary	15.67	83.1	44.5	7.9	1.1	7.84	13.40	21.49

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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	14.70	5.8	5.0	1.8	0.8	0.0	22.6	17.5	14.1	5.1	8.50	15.00	20.50
02	12.80	4.7	4.2	1.8	0.7	0.1	16.1	13.1	10.7	5.7	6.50	12.00	19.50
03	6.60	3.3	2.6	0.7	0.3	0.0	5.9	3.9	3.1	0.8	2.00	4.00	10.00
04	3.50	1.5	1.2	0.3	0.2	0.0	0.6	0.2	0.0	0.0	0.30	2.00	5.50
05	0.90	0.4	0.3	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	1.00
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	0.60	0.3	0.3	0.1	0.0	0.0	0.5	0.2	0.0	0.0	0.00	0.00	0.60
11	5.20	2.6	2.2	0.6	0.2	0.0	3.7	1.8	1.0	0.0	1.00	3.50	8.10
12	12.80	5.2	4.3	1.8	0.8	0.1	16.8	8.9	4.7	1.1	5.40	10.70	15.10
Summary	57.1	23.8	20.1	7.2	3.0	0.2	66.3	45.6	33.6	12.7	23.7	47.2	80.3

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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	1.0	6.5	52.6	164.7	388.2	653.9	860.1	801.3	550.7	249.6	47.5	1.6
45	0.1	1.0	11.9	69.6	246.5	504.2	705.1	646.3	402.9	128.6	12.1	0.1
50	0.0	0.0	1.0	18.9	126.8	356.3	550.1	491.3	259.8	45.7	1.3	0.0
55	0.0	0.0	0.0	3.1	44.7	216.1	395.3	336.5	131.4	8.9	0.1	0.0
60	0.0	0.0	0.0	0.1	9.6	97.6	241.3	185.9	40.3	0.7	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	4.1	15.8	82.4	172.5	310.2	461.1	554.1	516.7	378.6	220.8	69.4	7.8

Growing Degree Units (Accumulated Monthly)												
40	1	8	60	225	613	1267	2127	2928	3479	3729	3776	3778
45	0	1	13	83	329	833	1538	2185	2588	2716	2728	2728
50	0	0	1	20	147	503	1053	1544	1804	1850	1851	1851
55	0	0	0	3	48	264	659	996	1127	1136	1136	1136
60	0	0	0	0	10	107	349	534	575	576	576	576
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	20	102	275	585	1046	1600	2117	2495	2716	2786	2794

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