

Summary of Monthly Normals
1991-2020

Generated on 05/01/2024

Current Location: Elev: 11344 ft. Lat: 39.3672° N Lon: 106.1897° W

Station: CLIMAX, CO US USC00051660

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	26.7	2.9	14.8	2.3	2.9	2.4	0.0	0.0	0.0	0.0	0.0	0.0	1246.2	1308.2	1401.2	1556.2	0.0	0.0	0.1	23.2	31.0	13.1
02	28.7	3.4	16.0	3.1	3.6	3.2	0.0	0.0	0.0	0.0	0.0	0.0	1090.5	1146.5	1230.5	1370.5	0.0	0.0	0.1	19.0	28.0	11.7
03	35.3	8.4	21.9	2.9	3.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	1027.7	1089.7	1182.7	1337.7	0.0	0.0	1.2	11.1	31.0	5.8
04	40.3	15.0	27.6	2.7	2.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0	820.4	880.5	970.5	1120.4	0.0	0.0	3.6	6.3	29.9	2.2
05	48.8	24.6	36.7	3.3	2.5	2.8	0.2	0.0	0.0	0.0	0.0	0.0	567.5	629.3	722.3	877.3	0.0	0.0	16.1	1.1	27.5	0.1
06	61.2	34.2	47.7	3.6	2.2	2.8	7.3	2.5	0.3	0.0	0.0	0.0	226.3	281.5	369.3	519.0	0.0	0.0	27.4	0.1	11.3	0.0
07	66.8	40.0	53.4	2.8	2.1	2.3	29.9	11.8	2.0	0.1	0.0	0.0	79.5	123.5	206.7	359.7	0.0	0.0	30.6	0.0	2.2	0.0
08	64.1	38.9	51.5	2.1	1.6	1.7	11.9	3.7	0.3	0.0	0.0	0.0	120.5	174.3	263.8	418.5	0.0	0.0	30.5	0.0	1.5	0.0
09	58.1	31.9	45.0	2.8	2.2	2.4	2.1	0.6	0.0	0.0	0.0	0.0	302.1	360.6	450.1	600.0	0.0	0.0	25.1	0.3	15.8	0.0
10	46.8	20.9	33.9	3.2	2.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	655.6	717.6	810.6	965.6	0.0	0.0	13.3	3.3	29.4	1.3
11	35.2	11.3	23.2	4.9	4.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	952.5	1012.5	1102.5	1252.5	0.0	0.0	2.7	12.8	30.0	5.9
12	26.5	3.2	14.8	2.6	2.4	2.3	0.0	0.0	0.0	0.0	0.0	0.0	1244.6	1306.6	1399.6	1554.6	0.0	0.0	0.0	22.4	31.0	13.4
Summary	44.9	19.6	32.2	3.0	2.8	2.8	51	19	3	0	0	0	8333	9031	10110	11932	0.0	0.0	150.7	99.6	268.6	53.5

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	2.34	15.2	7.9	0.7	0.0	1.52	1.89	2.76	
02	2.05	15.2	7.4	0.4	0.0	1.39	2.00	2.40	
03	2.38	14.4	8.5	0.6	0.0	1.74	2.31	3.10	
04	2.90	13.9	9.2	1.1	0.2	2.50	2.83	3.38	
05	1.97	9.9	6.0	0.8	0.1	1.40	1.76	2.62	
06	1.10	7.4	3.7	0.3	0.0	0.51	1.03	1.33	
07	2.41	13.3	7.3	0.9	0.1	1.52	2.57	3.11	
08	2.55	15.7	7.8	1.0	0.1	1.82	2.55	3.25	
09	1.80	10.7	5.4	0.7	0.0	1.06	1.83	2.31	
10	1.69	9.3	5.7	0.6	0.0	1.19	1.62	2.00	
11	1.99	11.6	6.7	0.9	0.0	1.52	1.89	2.36	
12	2.05	14.6	7.0	0.5	0.1	1.04	1.81	2.71	
Summary	25.23	151.2	82.6	8.5	0.6	17.21	24.09	31.33	

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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	44.50	15.2	11.7	6.1	3.2	0.4	31.0	31.0	31.0	31.0	27.40	40.40	55.60
02	40.50	15.2	12.0	5.5	2.7	0.5	28.5	28.5	28.5	28.5	29.40	36.00	47.70
03	42.50	14.1	11.9	6.0	3.0	0.3	31.0	31.0	31.0	31.0	31.40	43.90	49.90
04	46.60	13.6	11.5	6.3	3.4	0.7	29.8	29.7	29.6	29.3	39.80	45.30	58.80
05	18.90	7.8	5.8	2.5	1.3	0.2	23.0	22.3	21.6	20.6	10.30	15.50	24.90
06	2.40	1.5	1.0	0.3	0.1	0.0	2.5	1.8	1.5	1.2	0.00	1.20	4.00
07	0.20	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
08	0.10	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
09	4.20	1.9	1.5	0.5	0.2	0.0	1.9	0.9	0.5	0.1	1.00	2.00	7.40
10	22.40	7.7	5.8	3.0	1.6	0.2	12.6	8.9	5.4	1.4	13.50	24.30	28.30
11	33.90	11.6	9.1	4.5	2.3	0.5	27.9	25.6	22.5	15.5	24.80	31.50	40.50
12	38.50	14.6	11.1	4.3	2.0	0.4	31.0	30.9	30.7	29.2	26.10	33.90	52.50
Summary	294.7	103.4	81.6	39.0	19.8	3.2	219.4	210.6	202.3	187.8	203.7	274.0	369.6

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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	0.0	0.0	0.2	2.8	48.1	247.3	415.9	357.2	185.2	33.5	2.3	0.0
45	0.0	0.0	0.0	0.1	12.5	128.6	263.6	207.3	82.1	6.4	0.2	0.0
50	0.0	0.0	0.0	0.0	2.3	44.7	123.9	77.8	20.5	0.4	0.0	0.0
55	0.0	0.0	0.0	0.0	0.2	7.3	29.9	11.9	2.1	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	0.3	2.0	0.3	0.0	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.1	1.4	5.4	44.9	175.8	260.8	219.9	137.3	40.8	4.8	0.1

Growing Degree Units (Accumulated Monthly)												
40	0	0	0	3	51	298	714	1072	1257	1290	1292	1292
45	0	0	0	0	13	141	405	612	694	701	701	701
50	0	0	0	0	2	47	171	249	269	270	270	270
55	0	0	0	0	0	8	37	49	51	51	51	51
60	0	0	0	0	0	0	2	3	3	3	3	3
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	2	7	52	228	488	708	846	886	891	891

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

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