

Summary of Monthly Normals
1991-2020

Current Location: Elev: 6985 ft. Lat: 39.6381° N Lon: 105.3150° W
Station: **EVERGREEN, CO US USC00052790**

Generated on 04/24/2024

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	44.4	12.5	28.4	3.0	3.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	823.1	885.1	978.1	1133.1	0.0	0.0	12.2	4.1	30.9	4.4
02	44.4	13.4	28.9	3.9	3.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	730.6	786.6	870.7	1010.7	0.0	0.0	11.6	4.3	27.8	3.3
03	51.0	20.9	35.9	3.4	2.7	2.8	0.3	0.1	0.0	0.0	0.0	0.0	590.9	652.7	745.6	900.6	0.0	0.0	19.1	2.0	30.1	0.9
04	55.6	26.7	41.2	3.7	2.1	2.7	1.3	0.5	0.0	0.0	0.0	0.0	416.7	475.9	565.5	715.5	0.0	0.0	21.6	1.0	26.4	0.1
05	64.0	35.5	49.7	3.6	1.9	2.6	30.8	16.8	5.4	0.5	0.0	0.0	193.5	241.6	323.2	473.3	0.0	0.1	27.7	0.1	10.4	0.0
06	75.6	43.1	59.3	3.4	1.4	2.2	158.2	114.6	62.2	13.0	1.1	0.1	27.8	44.2	81.7	182.6	0.0	1.1	29.8	0.0	0.8	0.0
07	81.2	49.0	65.1	2.8	1.8	2.1	314.7	254.5	167.8	53.8	5.1	1.1	1.8	3.5	9.8	50.8	0.0	3.3	31.0	0.0	0.0	0.0
08	79.1	47.2	63.2	2.7	1.8	1.9	257.0	199.0	119.4	28.7	2.1	0.5	4.4	8.4	21.8	86.1	0.0	0.9	31.0	0.0	0.2	0.0
09	72.5	39.5	56.0	3.0	1.9	2.1	100.3	66.7	29.4	3.3	0.0	0.0	70.3	96.8	149.4	273.3	0.0	0.3	28.9	0.1	4.7	0.0
10	61.1	28.7	44.9	3.5	2.4	2.7	5.6	2.0	0.2	0.0	0.0	0.0	318.6	377.1	468.3	623.1	0.0	0.0	26.2	0.9	23.9	0.2
11	51.1	20.2	35.6	4.7	2.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0	580.5	640.5	730.5	880.5	0.0	0.0	18.3	2.6	29.3	0.8
12	44.0	12.6	28.3	2.9	2.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0	827.5	889.5	982.6	1137.6	0.0	0.0	12.5	4.6	30.8	4.2
Summary	60.3	29.1	44.7	3.4	2.4	2.7	868	654	384	99	8	2	4586	5102	5927	7467	0.0	5.7	269.9	19.7	215.3	13.9

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	0.63	4.9	2.2	0.1	0.0	0.40	0.54	0.75	
02	0.86	5.7	2.7	0.2	0.0	0.28	0.79	1.21	
03	1.76	6.9	4.0	0.8	0.2	1.15	1.42	2.19	
04	2.37	8.1	5.0	1.6	0.5	1.17	1.94	3.63	
05	2.49	9.7	5.8	1.5	0.4	1.49	2.21	3.25	
06	1.73	9.0	4.8	0.6	0.2	1.00	1.75	2.22	
07	2.20	11.7	5.9	0.9	0.1	1.54	1.99	2.83	
08	2.30	12.0	6.2	1.2	0.2	1.48	2.36	2.87	
09	1.55	7.5	3.7	1.0	0.1	0.76	1.26	2.10	
10	1.21	5.7	3.2	0.6	0.1	0.64	1.00	1.61	
11	0.81	4.8	2.6	0.4	0.0	0.37	0.63	1.03	
12	0.71	5.0	2.3	0.2	0.1	0.37	0.53	0.80	
Summary	18.62	91.0	48.4	9.1	1.9	10.65	16.42	24.49	

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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	8.80	4.6	3.4	1.1	0.3	0.0	15.8	9.0	4.7	1.4	5.20	7.80	9.60
02	11.40	5.4	3.6	1.4	0.7	0.1	13.3	8.2	5.1	1.3	3.70	9.60	15.30
03	17.00	5.6	4.2	1.9	1.0	0.2	8.3	5.1	2.6	0.9	11.10	14.50	19.20
04	14.90	4.9	3.4	1.6	1.0	0.1	5.9	3.4	2.0	0.6	7.40	10.80	20.60
05	2.70	1.5	1.1	0.3	0.1	0.0	1.5	0.6	0.2	0.0	0.00	2.20	5.80
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	1.10	0.4	0.3	0.1	0.1	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.20
10	6.50	2.5	1.6	0.7	0.3	0.1	2.2	1.3	0.7	0.3	0.20	4.00	7.80
11	10.40	4.0	2.8	1.1	0.5	0.1	6.3	2.7	1.0	0.1	4.70	8.20	14.10
12	8.00	4.8	3.0	1.1	0.5	0.1	15.0	8.0	3.6	0.8	4.40	5.50	11.50
Summary	80.8	33.7	23.4	9.3	4.5	0.7	68.5	38.3	19.9	5.4	36.7	62.6	104.1

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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	6.0	10.9	55.0	119.1	318.6	580.5	778.0	717.6	483.8	202.7	57.4	9.0
45	0.4	1.5	14.4	45.6	191.3	431.7	622.7	562.5	340.8	100.7	16.9	1.1
50	0.0	0.2	2.3	10.3	92.5	287.6	468.0	408.3	208.9	33.8	2.3	0.0
55	0.0	0.0	0.3	1.3	30.8	158.2	314.7	257.0	100.3	5.6	0.0	0.0
60	0.0	0.0	0.0	0.0	5.4	62.2	167.8	119.4	29.4	0.2	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	30.5	31.8	82.3	125.3	231.2	382.4	491.1	457.2	341.6	197.7	88.1	31.9
Growing Degree Units (Accumulated Monthly)												
40	6	17	72	191	510	1090	1868	2586	3070	3272	3330	3339
45	0	2	16	62	253	685	1308	1870	2211	2312	2328	2330
50	0	0	2	13	105	393	861	1269	1478	1512	1514	1514
55	0	0	0	2	32	191	505	762	863	868	868	868
60	0	0	0	0	5	68	235	355	384	384	384	384
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	30	62	145	270	501	884	1375	1832	2173	2371	2459	2491

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