

Summary of Monthly Normals
1991-2020

Current Location: Elev: 8915 ft. Lat: 38.6867° N Lon: 105.3925° W
Station: GUFFEY 9SE, CO US USC00053652
Generated on 06/04/2024

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	36.7	16.3	26.5	2.4	1.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	883.6	945.6	1038.6	1193.5	0.0	0.0	1.5	8.5	30.5	1.7
02	38.1	15.8	27.0	3.2	3.9	3.4	0.0	0.0	0.0	0.0	0.0	0.0	785.2	841.2	925.2	1065.4	0.0	0.0	3.0	9.2	26.9	2.5
03	46.6	22.5	34.5	2.7	2.6	2.4	0.5	0.1	0.0	0.0	0.0	0.0	634.6	696.2	789.1	944.0	0.0	0.0	12.5	1.5	27.3	0.4
04	52.8	27.8	40.3	2.4	2.1	2.0	1.5	0.5	0.2	0.0	0.0	0.0	442.4	501.4	591.1	741.0	0.0	0.0	20.7	1.1	21.4	0.1
05	62.8	35.9	49.3	4.0	2.4	2.9	32.2	18.0	6.2	0.3	0.0	0.0	207.3	255.2	336.4	485.5	0.0	0.0	26.6	0.5	10.9	0.0
06	72.7	46.5	59.6	3.3	1.6	2.2	158.2	112.4	59.1	11.1	1.1	0.4	20.4	34.6	71.3	173.2	0.0	0.0	30.0	0.0	0.3	0.0
07	77.4	49.5	63.4	3.1	2.3	2.2	263.1	203.0	120.3	24.1	0.3	0.0	1.3	3.2	13.4	72.1	0.0	0.1	31.0	0.0	0.0	0.0
08	73.6	49.1	61.4	2.9	1.4	1.9	203.3	148.5	76.3	11.0	0.3	0.0	6.5	13.8	34.5	124.2	0.0	0.0	31.0	0.0	0.0	0.0
09	66.8	44.0	55.4	4.2	1.7	2.6	80.6	48.8	18.3	1.4	0.0	0.0	68.7	97.0	156.4	289.5	0.0	0.0	29.3	0.0	1.9	0.0
10	58.0	32.2	45.1	3.1	2.7	2.6	9.3	4.2	0.8	0.0	0.0	0.0	316.2	373.1	462.7	616.9	0.0	0.0	25.4	0.4	14.4	0.2
11	45.2	23.8	34.5	4.3	2.7	3.4	0.4	0.2	0.1	0.0	0.0	0.0	615.4	675.2	765.1	915.0	0.0	0.0	12.2	2.9	24.6	0.4
12	36.3	16.2	26.3	2.7	2.5	2.4	0.0	0.0	0.0	0.0	0.0	0.0	890.9	952.9	1045.9	1201.1	0.0	0.0	2.5	10.2	30.8	2.4
Summary	55.6	31.6	43.6	3.2	2.3	2.5	749	536	281	48	2	0	4872	5389	6230	7821	0.0	0.1	225.7	34.3	189.0	7.7

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	0.56	4.1	1.9	0.1	0.0	0.34	0.55	0.68	
02	0.87	6.0	2.8	0.4	0.0	0.47	0.70	1.04	
03	1.61	5.1	2.6	0.5	0.2	0.73	1.29	1.96	
04	1.75	6.7	4.4	1.1	0.4	1.12	1.56	2.34	
05	2.08	10.9	5.6	1.4	0.2	1.09	1.74	2.65	
06	1.22	8.9	3.9	0.4	0.0	0.77	1.19	1.58	
07	3.49	17.4	8.9	2.1	0.7	2.45	3.34	4.31	
08	3.52	13.7	7.5	1.6	0.4	2.36	3.52	4.40	
09	1.55	8.2	3.8	0.8	0.2	0.75	1.42	2.24	
10	1.09	4.9	2.7	0.6	0.0	0.46	0.84	1.55	
11	0.64	3.4	1.7	0.3	0.1	0.19	0.37	1.15	
12	0.91	4.9	2.8	0.3	0.1	0.41	0.65	0.94	
Summary	19.29	94.2	48.6	9.6	2.3	11.14	17.17	24.84	

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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	8.40	4.1	2.6	1.1	0.4	0.1	19.1	12.2	7.4	1.7	3.20	6.00	12.00
02	12.00	5.7	3.9	1.3	0.6	0.0	16.8	13.0	8.3	1.5	7.50	9.10	12.40
03	10.20	4.8	3.0	1.2	0.6	0.1	8.4	4.8	2.6	0.5	4.70	10.30	13.30
04	15.80	5.3	4.2	1.8	0.9	0.1	3.6	1.6	1.0	0.1	10.40	14.30	22.30
05	7.10	3.3	2.6	0.8	0.4	0.0	0.9	0.7	0.2	0.0	2.50	8.30	10.50
06	0.00	0.1	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	1.20	0.4	0.4	0.1	0.1	0.0	0.3	0.2	0.1	0.0	0.00	0.00	0.00
10	7.50	2.5	1.8	1.0	0.5	0.1	2.2	1.4	0.8	0.1	1.20	4.30	11.90
11	5.10	2.8	1.6	0.4	0.3	0.0	5.4	2.9	1.0	0.1	1.50	3.80	8.60
12	10.40	4.8	3.4	1.2	0.4	0.1	20.1	11.7	4.4	0.2	7.30	9.30	13.60
Summary	77.7	33.8	23.5	8.9	4.2	0.5	76.8	48.5	25.8	4.2	38.3	65.4	104.6

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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	2.2	6.4	34.3	98.7	310.0	587.6	726.6	661.7	464.3	209.1	44.2	2.5
45	0.1	1.3	10.1	37.5	187.4	437.8	571.5	506.6	321.2	107.2	12.4	0.1
50	0.0	0.0	2.8	9.3	92.1	291.4	416.7	352.3	188.3	40.0	2.2	0.0
55	0.0	0.0	0.5	1.5	32.2	158.2	263.1	203.3	80.6	9.3	0.4	0.0
60	0.0	0.0	0.0	0.2	6.2	59.1	120.3	76.3	18.3	0.8	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	2.2	5.5	29.3	79.1	208.0	353.5	442.0	383.0	262.0	144.6	30.6	2.8

Growing Degree Units (Accumulated Monthly)												
40	2	9	43	142	452	1039	1766	2428	2892	3101	3145	3148
45	0	1	12	49	236	674	1246	1752	2074	2181	2193	2193
50	0	0	3	12	104	396	812	1165	1353	1393	1395	1395
55	0	0	0	2	34	192	456	659	739	749	749	749
60	0	0	0	0	6	66	186	262	280	281	281	281
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	8	37	116	324	678	1120	1503	1765	1909	1940	1943

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