

Summary of Monthly Normals
1991-2020

Current Location: Elev: 8867 ft. Lat: 38.8739° N Lon: 106.9772° W
Station: CRESTED BUTTE, CO US USC00051959

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	25.8	-6.5	9.6	2.9	4.5	3.3	0.0	0.0	0.0	0.0	0.0	0.0	1405.8	1467.8	1560.8	1715.8	0.0	0.0	0.0	25.1	31.0	22.4
02	29.4	-2.1	13.7	3.5	4.5	3.6	0.0	0.0	0.0	0.0	0.0	0.0	1157.8	1213.8	1297.8	1437.8	0.0	0.0	0.0	17.5	28.0	16.1
03	37.9	7.0	22.4	2.3	3.5	2.7	0.0	0.0	0.0	0.0	0.0	0.0	1009.0	1071.0	1164.0	1319.0	0.0	0.0	2.1	6.8	31.0	8.4
04	46.9	19.1	33.0	4.2	3.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0	660.0	720.0	810.0	960.0	0.0	0.0	12.2	2.1	29.5	0.6
05	58.3	28.5	43.4	4.2	1.7	2.6	1.2	0.3	0.0	0.0	0.0	0.0	360.8	422.0	514.6	669.6	0.0	0.0	24.8	0.2	24.8	0.0
06	70.2	33.7	51.9	3.5	1.1	1.9	22.7	9.7	2.1	0.0	0.0	0.0	114.2	161.2	243.6	391.6	0.0	0.0	29.7	0.0	12.6	0.0
07	76.1	39.5	57.8	2.6	2.1	1.9	103.8	61.2	20.0	0.9	0.0	0.0	17.0	36.4	88.2	224.1	0.0	0.0	31.0	0.0	1.8	0.0
08	73.5	38.4	55.9	2.5	1.7	1.6	64.9	33.6	8.1	0.1	0.0	0.0	35.5	66.2	133.7	280.7	0.0	0.0	31.0	0.0	3.3	0.0
09	65.9	31.2	48.6	2.7	1.8	1.8	6.6	2.0	0.1	0.0	0.0	0.0	200.1	255.5	343.6	493.5	0.0	0.0	29.2	0.0	17.8	0.0
10	54.3	22.0	38.2	3.3	2.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	522.4	584.4	677.4	832.4	0.0	0.0	22.2	0.9	28.4	0.3
11	39.4	9.3	24.3	5.3	4.1	4.4	0.0	0.0	0.0	0.0	0.0	0.0	919.5	979.5	1069.5	1219.5	0.0	0.0	6.6	8.0	29.9	6.8
12	26.8	-4.2	11.3	4.0	4.2	3.7	0.0	0.0	0.0	0.0	0.0	0.0	1354.6	1416.6	1509.6	1664.6	0.0	0.0	0.0	22.0	31.0	20.6
Summary	50.4	18.0	34.2	3.4	2.9	2.8	199	107	30	1	0	0	7757	8394	9413	11209	0.0	0.0	188.8	82.6	269.1	75.2

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Summary of Monthly Normals
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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	2.72	11.5	7.5	1.5	0.3	1.34	2.58	3.42	
02	2.54	11.8	7.3	1.3	0.2	1.44	2.31	3.36	
03	2.09	9.8	6.7	0.9	0.1	1.17	1.93	2.38	
04	2.01	9.7	6.7	0.5	0.2	1.31	1.82	2.63	
05	1.52	8.0	4.4	0.8	0.1	0.73	1.35	1.98	
06	0.93	5.9	3.1	0.3	0.0	0.42	0.99	1.25	
07	1.96	10.4	6.1	0.8	0.2	1.13	1.90	2.75	
08	1.98	12.0	6.6	0.6	0.0	1.21	1.67	2.68	
09	1.95	9.5	5.9	1.0	0.1	1.30	1.75	2.57	
10	1.71	7.8	5.1	0.9	0.0	1.24	1.53	2.27	
11	2.04	8.9	5.7	1.1	0.2	1.21	2.09	2.68	
12	2.31	11.2	6.7	1.1	0.2	1.14	1.96	2.82	
Summary	23.76	116.5	71.8	10.8	1.6	13.64	21.88	30.79	

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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	42.20	11.7	10.3	5.7	3.1	0.7	31.0	30.6	30.0	29.0	21.60	36.80	55.40
02	35.20	11.7	9.5	5.0	2.2	0.5	28.5	28.5	28.5	28.4	21.60	28.80	40.20
03	29.10	9.7	8.3	3.5	1.7	0.4	30.4	30.0	29.6	27.6	17.70	26.50	34.00
04	19.40	8.3	6.9	2.6	0.7	0.1	17.8	15.7	13.6	10.4	13.00	20.00	24.70
05	6.70	3.3	2.3	0.8	0.3	0.1	2.5	1.5	0.9	0.3	1.00	3.80	10.70
06	0.30	0.2	0.1	0.0	0.0	0.0	0.1	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	0.5	0.4	0.1	0.1	0.0	0.3	0.1	0.0	0.0	0.00	0.00	2.00
10	8.50	3.9	2.8	1.0	0.4	0.0	3.8	1.4	0.7	0.1	3.50	7.00	12.70
11	25.30	8.5	7.0	3.5	1.7	0.3	19.2	14.9	10.3	5.2	20.30	27.50	31.50
12	35.10	11.3	9.2	4.8	2.3	0.6	30.0	28.5	26.1	20.9	18.20	27.90	47.70
Summary	203.0	69.1	56.8	27.0	12.5	2.7	163.6	151.2	139.7	121.9	116.9	178.3	258.9

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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	0.3	18.3	149.1	360.2	551.7	494.4	265.5	58.6	2.0	0.0
45	0.0	0.0	0.0	3.2	56.0	218.1	396.9	340.0	137.3	12.9	0.1	0.0
50	0.0	0.0	0.0	0.2	11.5	96.9	243.9	189.8	45.5	1.1	0.0	0.0
55	0.0	0.0	0.0	0.0	1.2	22.7	103.8	64.9	6.6	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	2.1	20.0	8.1	0.1	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.0	0.0	3.0	36.0	149.6	303.8	404.8	364.7	241.6	105.4	15.9	0.1

Growing Degree Units (Accumulated Monthly)												
40	0	0	0	19	168	528	1080	1574	1840	1898	1900	1900
45	0	0	0	3	59	277	674	1014	1152	1164	1164	1164
50	0	0	0	0	12	109	352	542	588	589	589	589
55	0	0	0	0	1	24	128	193	199	199	199	199
60	0	0	0	0	0	2	22	30	30	30	30	30
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	0	3	39	189	492	897	1262	1504	1609	1625	1625

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