

Summary of Monthly Normals
1981-2010

Generated on 05/23/2024

Current Location: Elev: 10640 ft. Lat: 37.4744° N Lon: 106.7906° W
Station: WOLF CREEK PASS 1 E, CO US USC00059181

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	29.4	6.1	17.7	2.7	3.0	2.5	0	0	0	0	0	0	1155	1217	1310	1465	0.0	0.0	0.4	18.7	31.0	7.8
02	29.3	6.9	18.1	3.2	2.6	2.4	0	0	0	0	0	0	1033	1089	1173	1313	0.0	0.0	0.2	16.4	28.0	5.8
03	33.5	11.7	22.6	3.4	3.4	3.1	0	0	0	0	0	0	1004	1066	1159	1314	0.0	0.0	0.7	13.0	31.0	2.9
04	40.3	17.8	29.1	3.8	3.3	3.4	0	0	0	0	0	0	778	838	928	1078	0.0	0.0	5.0	6.1	29.3	0.5
05	49.1	27.9	38.5	3.0	2.2	2.4	-7777	0	0	0	0	0	512	573	666	821	0.0	0.0	14.6	1.0	22.6	0.0
06	59.8	35.4	47.6	3.3	2.0	2.4	3	1	-7777	0	0	0	225	283	372	522	0.0	0.0	27.2	0.0	6.7	0.0
07	65.6	40.6	53.1	3.4	1.3	2.1	17	4	-7777	0	0	0	76	125	214	369	0.0	0.0	30.7	0.0	0.8	0.0
08	62.6	39.4	51.0	2.2	1.7	1.7	5	1	-7777	0	0	0	129	187	279	434	0.0	0.0	30.5	0.0	0.9	0.0
09	55.3	33.5	44.4	3.5	2.1	2.6	1	-7777	-7777	0	0	0	319	378	468	618	0.0	0.0	24.1	-7777	10.5	0.0
10	45.5	24.0	34.7	4.2	2.5	3.1	0	0	0	0	0	0	628	690	783	938	0.0	0.0	10.9	2.5	29.0	0.1
11	35.1	12.4	23.7	4.2	3.1	3.4	0	0	0	0	0	0	937	997	1087	1237	0.0	0.0	2.0	11.3	30.0	3.5
12	28.6	6.3	17.5	3.5	2.6	2.8	0	0	0	0	0	0	1164	1226	1319	1474	0.0	0.0	0.2	18.5	31.0	6.9
Summary	44.5	21.8	33.2	3.4	2.5	2.7	26	6	0	0	0	0	7960	8669	9758	11583	0.0	0.0	146.5	87.5	250.8	27.5

-7777: a non-zero value that would round to zero
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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	3.56	9.8	6.6	2.6	0.9	2.02	2.76	4.94
02	4.03	10.3	8.3	2.9	1.0	2.11	3.28	5.62
03	4.67	11.9	9.5	3.7	1.3	2.29	3.91	6.57
04	3.73	9.6	7.7	2.9	0.7	2.00	3.29	5.23
05	2.02	9.4	5.8	1.2	0.2	1.09	1.76	2.80
06	1.73	7.6	5.0	1.0	0.3	0.71	1.52	2.36
07	3.85	15.0	9.7	2.2	0.7	2.14	4.14	4.83
08	4.62	18.0	12.1	3.1	0.6	3.24	4.31	5.84
09	4.47	12.4	8.7	2.8	1.4	3.37	4.12	6.09
10	4.88	9.0	7.1	3.2	1.7	3.35	4.55	6.41
11	4.62	10.0	7.5	3.5	1.5	3.39	4.84	5.80
12	3.50	10.2	6.6	2.3	0.7	2.44	3.07	4.37
Summary	45.68	133.2	94.6	31.4	11.0	28.15	41.55	60.86

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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	57.7	10.0	8.8	6.2	4.6	2.2					30.2	49.3	79.1
02	63.6	10.4	9.9	7.2	5.0	2.5					30.0	58.1	90.3
03	66.7	11.7	11.0	7.6	4.9	2.2					41.0	56.0	89.9
04	46.9	8.7	8.0	5.5	3.3	1.1					24.5	38.1	60.6
05	12.3	3.7	3.1	1.8	0.8	0.2					3.2	8.5	22.0
06	0.6	0.5	0.4	0.1	-7777	0.0					0.0	0.0	0.7
07	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0
09	4.2	0.9	0.6	0.3	0.1	0.1					0.0	0.0	4.0
10	27.0	6.0	5.2	3.3	1.9	1.0					11.0	19.2	32.2
11	57.4	9.8	9.1	6.3	4.2	2.1					33.5	59.8	83.4
12	55.7	10.2	9.0	5.6	3.8	1.8					39.2	46.2	86.0
Summary	392.1	71.9	65.1	43.9	28.6	13.2	0.0	0.0	0.0	0.0	212.6	335.2	548.2

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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	-7777	6	61	237	406	342	155	23	-7777	0
45	0	0	0	1	15	115	252	191	57	2	0	0
50	0	0	0	-7777	1	31	109	64	11	-7777	0	0
55	0	0	0	0	-7777	3	17	5	1	0	0	0
60	0	0	0	0	0	-7777	-7777	-7777	-7777	0	0	0
Growing Degree Units for Corn (Monthly)												
50/86	1	-7777	1	9	44	154	242	196	96	25	2	-7777

Growing Degree Units (Accumulated Monthly)												
40	0	0	0	6	67	304	710	1052	1207	1230	1230	1230
45	0	0	0	1	16	131	383	574	631	633	633	633
50	0	0	0	0	1	32	141	205	216	216	216	216
55	0	0	0	0	0	3	20	25	26	26	26	26
60	0	0	0	0	0	0	0	0	0	0	0	0
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	1	2	11	55	209	451	647	743	768	770	770

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