

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 6292 ft. Lat: 37.6303° N Lon: 104.7956° W
Station: **WALSENBURG 1 NW, CO US USC00058781**

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	47.3	20.7	34.0	3.3	3.1	3.1	0.3	0.1	0.0	0.0	0.0	0.0	651.3	713.1	806.0	961.0	0.0	0.0	16.3	2.5	25.1	1.1
02	49.3	21.5	35.4	4.5	3.6	3.8	0.8	0.2	0.1	0.0	0.0	0.0	549.4	604.9	688.8	828.8	0.0	0.0	16.5	2.5	22.2	1.0
03	57.1	27.2	42.1	3.6	2.7	3.0	7.7	4.0	1.2	0.0	0.0	0.0	406.1	464.4	554.6	708.4	0.0	0.0	24.6	0.8	20.7	0.2
04	63.4	33.6	48.5	3.7	2.5	2.9	30.5	18.1	6.8	0.8	0.0	0.0	225.4	273.0	351.7	495.7	0.0	0.0	26.7	0.3	12.8	0.0
05	72.5	42.7	57.6	3.9	2.1	2.8	148.2	110.1	63.4	17.4	3.2	1.4	67.5	91.5	137.8	246.8	0.0	0.8	30.1	0.0	2.2	0.0
06	83.5	51.8	67.7	4.1	2.3	3.0	382.0	324.3	240.9	120.9	41.5	23.9	2.7	4.9	11.6	41.5	0.2	8.3	30.0	0.0	0.0	0.0
07	87.4	57.5	72.5	3.0	1.8	2.1	540.8	478.9	386.4	235.3	103.3	63.3	0.1	0.1	0.6	4.4	0.1	14.5	31.0	0.0	0.0	0.0
08	85.1	56.2	70.6	3.1	1.7	2.1	485.1	423.4	331.6	185.0	67.4	37.5	0.1	0.3	1.5	9.9	0.0	8.2	31.0	0.0	0.0	0.0
09	79.2	48.0	63.6	3.3	2.7	2.7	272.2	220.1	149.3	60.2	13.1	5.4	14.3	22.2	41.4	102.3	0.0	2.2	29.8	0.0	0.5	0.0
10	68.4	36.6	52.5	3.4	3.0	2.9	69.5	45.8	21.0	2.9	0.1	0.0	147.0	185.3	253.5	390.4	0.0	0.0	29.0	0.6	8.9	0.1
11	55.9	27.7	41.8	4.9	3.6	4.1	8.8	4.1	1.2	0.2	0.0	0.0	404.7	460.1	547.2	696.2	0.0	0.0	22.3	1.4	18.9	0.1
12	46.5	20.4	33.4	3.4	2.4	2.7	0.4	0.1	0.0	0.0	0.0	0.0	668.1	729.9	822.8	977.9	0.0	0.0	15.3	3.6	25.3	1.1
Summary	66.3	37.0	51.6	3.7	2.6	2.9	1946	1629	1202	623	229	132	3137	3550	4218	5463	0.3	34.0	302.6	11.7	136.6	3.6

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	0.83	4.2	2.4	0.3	0.0	0.53	0.63	0.88	
02	0.82	5.1	2.7	0.4	0.0	0.40	0.57	1.10	
03	1.72	6.7	3.9	0.9	0.3	0.68	1.29	2.21	
04	2.26	6.7	4.3	1.6	0.4	0.90	1.88	3.10	
05	1.82	7.7	4.2	0.9	0.3	0.71	1.53	2.26	
06	1.28	6.3	3.0	0.8	0.2	0.53	1.03	1.82	
07	2.24	9.9	4.9	1.3	0.4	1.13	1.73	2.75	
08	2.15	10.5	5.6	1.1	0.4	1.20	1.74	2.83	
09	0.85	5.7	2.6	0.3	0.0	0.34	0.69	1.27	
10	1.31	4.7	2.8	0.9	0.3	0.63	1.10	1.90	
11	1.00	5.1	2.4	0.6	0.1	0.27	0.73	1.44	
12	1.01	4.9	3.0	0.4	0.0	0.58	0.89	1.24	
Summary	17.29	77.5	41.8	9.5	2.4	7.90	13.81	22.80	

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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	10.50	4.2	3.0	1.5	0.7	0.1	7.3	3.4	1.4	0.1	5.80	8.00	14.80
02	12.80	4.9	3.4	1.7	0.8	0.1	7.7	4.4	2.1	0.6	6.70	9.70	16.40
03	17.40	5.0	3.7	2.1	1.1	0.3	5.1	2.8	1.5	0.5	7.80	11.10	25.00
04	15.10	3.6	2.9	1.9	1.1	0.2	2.9	1.5	1.1	0.1	5.50	12.50	25.00
05	2.00	0.6	0.5	0.2	0.1	0.0	0.4	0.2	0.0	0.0	0.00	0.10	2.90
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	0.50	0.2	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
10	7.20	1.4	1.2	0.8	0.6	0.2	1.5	1.1	0.8	0.3	0.00	3.00	10.50
11	12.70	3.9	2.9	1.6	0.8	0.2	5.2	2.9	1.6	0.3	3.00	8.50	16.40
12	13.40	5.0	3.5	2.0	0.8	0.1	10.5	5.7	3.1	0.9	7.20	13.20	17.90
Summary	91.6	28.8	21.3	11.9	6.0	1.2	40.7	22.0	11.6	2.8	36.0	66.1	128.9

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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	47.4	58.6	158.2	285.8	548.9	829.3	1005.8	950.0	707.9	407.8	159.6	47.6
45	15.4	22.3	78.4	171.1	400.9	679.3	850.7	795.0	558.8	270.8	83.5	16.0
50	3.2	5.9	29.8	84.7	264.2	529.7	695.7	640.0	412.3	153.9	34.0	3.2
55	0.3	0.8	7.7	30.5	148.2	382.0	540.8	485.1	272.2	69.5	8.8	0.4
60	0.0	0.1	1.2	6.8	63.4	240.9	386.4	331.6	149.3	21.0	1.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	46.1	60.0	143.2	217.4	356.6	525.2	647.0	614.5	461.5	298.6	131.5	44.0

Growing Degree Units (Accumulated Monthly)												
40	47	106	264	550	1099	1928	2934	3884	4592	5000	5159	5207
45	15	38	116	287	688	1367	2218	3013	3572	3843	3926	3942
50	3	9	39	124	388	918	1613	2253	2666	2819	2853	2857
55	0	1	9	39	188	570	1110	1595	1868	1937	1946	1946
60	0	0	1	8	72	312	699	1030	1180	1201	1202	1202
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	46	106	249	467	823	1348	1996	2610	3072	3370	3502	3546

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