

Summary of Monthly Normals
1991-2020

Current Location: Elev: 5398 ft. Lat: 39.7750° N Lon: 105.1169° W
Station: **WHEAT RIDGE 2, CO US USC00058995**

Generated on 06/03/2024

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	47.2	17.1	32.2	3.6	3.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	708.5	770.4	863.4	1018.4	0.0	0.0	14.6	3.8	29.7	1.6
02	48.3	18.3	33.3	5.1	3.5	4.1	0.3	0.1	0.0	0.0	0.0	0.0	607.4	663.4	747.4	887.5	0.0	0.0	14.6	4.0	26.5	1.1
03	56.6	25.9	41.2	3.7	2.7	3.1	4.8	2.3	0.6	0.0	0.0	0.0	431.3	490.7	581.9	736.3	0.0	0.0	22.6	1.6	25.2	0.2
04	61.9	33.0	47.5	3.9	2.2	2.9	24.6	14.0	4.6	0.6	0.0	0.0	250.8	300.3	381.0	527.1	0.0	0.0	24.7	0.5	14.5	0.0
05	70.9	42.5	56.7	3.9	2.0	2.8	135.8	100.0	56.5	14.8	2.4	0.8	83.1	109.3	158.8	272.1	0.0	0.7	29.4	0.0	2.3	0.0
06	82.5	51.1	66.8	3.6	2.2	2.8	359.5	303.2	222.3	109.9	36.2	19.1	5.7	9.4	18.4	55.9	0.3	7.9	29.9	0.0	0.0	0.0
07	88.2	56.8	72.5	2.9	1.8	2.1	542.2	480.6	388.3	237.9	103.9	62.8	0.2	0.4	1.0	5.5	0.6	15.8	31.0	0.0	0.0	0.0
08	86.3	54.5	70.4	2.5	1.7	2.0	477.9	416.6	325.7	181.0	63.8	33.4	0.7	1.3	3.4	13.6	0.1	11.7	31.0	0.0	0.0	0.0
09	79.0	45.2	62.1	3.0	2.5	2.5	241.9	193.7	129.1	47.7	8.6	3.2	29.1	40.8	66.2	134.8	0.0	3.3	29.5	0.0	1.0	0.0
10	66.0	33.6	49.8	4.2	2.7	3.2	43.7	26.7	10.1	0.7	0.0	0.0	204.7	249.7	326.3	471.9	0.0	0.1	27.3	0.8	12.8	0.0
11	54.8	23.9	39.4	4.8	2.9	3.7	3.3	1.4	0.3	0.0	0.0	0.0	472.8	530.9	619.8	769.5	0.0	0.0	19.7	1.8	25.7	0.2
12	46.6	16.7	31.6	3.4	2.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	723.4	785.5	878.6	1033.7	0.0	0.0	14.5	4.2	30.0	1.4
Summary	65.7	34.9	50.3	3.7	2.5	2.9	1834	1539	1137	593	215	119	3518	3952	4646	5926	1.0	39.5	288.8	16.7	167.7	4.5

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	0.64	5.1	2.3	0.0	0.0	0.40	0.60	0.91	
02	0.78	6.0	2.9	0.1	0.0	0.31	0.74	1.16	
03	1.48	7.1	3.7	0.6	0.2	0.83	1.27	1.72	
04	2.31	9.1	5.6	1.3	0.3	1.11	2.17	3.13	
05	2.65	10.3	5.8	1.8	0.4	1.60	2.15	3.82	
06	1.67	8.3	4.1	0.8	0.3	0.77	1.28	2.01	
07	1.88	8.8	4.0	1.2	0.3	1.12	1.84	2.31	
08	1.60	8.3	3.6	0.8	0.3	0.57	1.35	2.07	
09	1.34	6.9	3.5	0.7	0.2	0.59	1.10	1.81	
10	1.22	6.0	3.1	0.8	0.1	0.72	1.04	1.65	
11	0.92	5.9	2.9	0.4	0.0	0.40	0.73	1.18	
12	0.62	4.9	1.9	0.2	0.1	0.26	0.42	0.84	
Summary	17.11	86.7	43.4	8.7	2.2	8.68	14.69	22.61	

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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	9.60	5.7	3.2	1.2	0.2	0.0	12.5	6.1	2.4	0.3	6.00	8.90	14.30
02	11.90	6.3	3.6	1.3	0.5	0.1	10.3	5.9	3.0	0.5	3.90	12.30	16.70
03	12.90	5.9	3.3	1.3	0.6	0.2	5.8	3.0	1.4	0.3	5.80	11.40	16.90
04	12.10	5.0	3.2	1.4	0.6	0.2	3.7	1.7	0.8	0.1	4.10	8.40	17.40
05	2.20	1.4	0.7	0.3	0.0	0.0	0.6	0.3	0.1	0.0	0.00	1.30	3.20
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	1.00	0.4	0.3	0.2	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.80
10	5.90	2.2	1.3	0.7	0.3	0.1	2.0	1.4	0.8	0.2	0.00	3.60	7.50
11	10.00	5.0	2.9	1.1	0.6	0.1	7.1	3.8	1.9	0.2	5.00	8.10	10.90
12	9.90	5.7	2.9	0.8	0.4	0.1	13.1	7.3	3.1	0.5	4.10	7.40	13.00
Summary	75.5	37.6	21.4	8.3	3.2	0.8	55.4	29.6	13.5	2.1	28.9	61.4	100.7

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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	28.4	39.9	140.8	260.8	521.9	803.8	1007.2	942.2	663.9	332.7	113.9	30.4
45	7.3	11.7	65.3	152.4	376.8	653.9	852.0	787.1	517.0	207.6	52.7	8.7
50	1.3	2.6	22.6	72.6	244.6	504.9	697.1	632.3	374.5	108.7	17.7	1.7
55	0.0	0.3	4.8	24.6	135.8	359.5	542.2	477.9	241.9	43.7	3.3	0.0
60	0.0	0.0	0.6	4.6	56.5	222.3	388.3	325.7	129.1	10.1	0.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	55.0	64.0	145.6	202.2	331.0	499.3	637.0	594.5	433.3	264.5	127.2	55.4

Growing Degree Units (Accumulated Monthly)												
40	28	68	209	470	992	1796	2803	3745	4409	4742	4855	4886
45	7	19	84	237	614	1267	2119	2906	3424	3631	3684	3692
50	1	4	26	99	344	849	1546	2178	2552	2661	2679	2681
55	0	0	5	30	166	525	1067	1545	1787	1831	1834	1834
60	0	0	1	5	62	284	672	998	1127	1137	1137	1137
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	55	119	265	467	798	1297	1934	2529	2962	3226	3354	3409

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