

Summary of Monthly Normals
1991-2020

Current Location: Elev: 5025 ft. Lat: 39.1439° N Lon: 103.4897° W
Station: HUGO 1 NW, CO US USC00054172
Generated on 04/28/2024

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	45.7	12.3	29.0	4.4	3.1	3.5	0.0	0.0	0.0	0.0	0.0	0.0	806.1	868.0	961.1	1116.0	0.0	0.0	12.5	6.0	31.0	4.5
02	47.0	14.5	30.8	5.4	3.6	4.0	0.2	0.0	0.0	0.0	0.0	0.0	679.0	734.8	818.7	958.9	0.0	0.0	12.6	4.5	27.8	2.4
03	56.4	22.2	39.3	3.8	3.1	3.0	3.7	1.9	0.5	0.0	0.0	0.0	490.5	550.7	642.3	796.8	0.0	0.0	22.2	2.0	28.3	0.5
04	63.6	29.1	46.3	3.6	2.5	2.7	16.5	8.7	2.5	0.2	0.0	0.0	275.9	328.1	412.0	559.7	0.0	0.0	25.4	0.5	20.2	0.0
05	72.6	40.3	56.4	3.9	2.2	2.7	129.5	95.3	54.9	15.0	2.1	0.7	84.6	112.4	165.0	280.1	0.0	1.1	29.7	0.0	3.8	0.0
06	83.1	50.4	66.7	3.9	2.1	2.7	357.3	301.0	221.7	108.6	33.9	17.4	4.9	8.6	19.3	56.2	0.5	8.4	30.0	0.0	0.1	0.0
07	89.1	56.1	72.6	3.1	1.6	2.2	545.6	484.0	391.8	242.2	109.0	67.2	0.2	0.6	1.4	6.7	1.0	16.9	31.0	0.0	0.0	0.0
08	86.8	54.3	70.5	3.3	1.9	2.4	482.2	420.7	329.2	185.1	69.2	38.3	0.3	0.7	2.3	13.1	0.4	12.4	31.0	0.0	0.0	0.0
09	79.7	45.0	62.3	3.7	2.5	2.9	247.1	198.1	133.5	53.1	9.6	3.3	26.7	37.6	63.1	132.6	0.0	5.0	29.7	0.0	1.2	0.0
10	66.8	31.5	49.2	4.3	3.5	3.5	43.8	27.6	11.4	0.8	0.0	0.0	225.1	270.9	347.7	492.2	0.0	0.1	27.6	0.7	15.9	0.0
11	54.0	21.0	37.5	6.0	3.5	4.2	2.3	1.0	0.2	0.0	0.0	0.0	527.3	586.0	675.2	825.0	0.0	0.0	19.3	2.7	28.2	0.7
12	45.0	13.3	29.1	4.1	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	801.2	863.2	956.1	1111.3	0.0	0.0	12.3	6.1	31.0	3.3
Summary	65.8	32.5	49.1	4.1	2.7	3.1	1828	1538	1146	605	224	127	3922	4362	5064	6349	1.9	43.9	283.3	22.5	187.5	11.4

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	0.16	2.0	0.6	0.0	0.0	0.06	0.10	0.27	
02	0.33	2.3	1.1	0.1	0.0	0.13	0.31	0.41	
03	0.65	3.1	2.0	0.4	0.1	0.20	0.57	0.86	
04	1.24	5.0	3.5	0.7	0.2	0.63	1.12	1.63	
05	2.02	6.9	5.3	1.4	0.6	0.99	1.62	2.79	
06	2.52	6.9	5.6	1.8	0.3	1.67	2.27	2.89	
07	3.14	7.5	5.8	1.6	0.5	2.42	3.05	3.75	
08	2.61	7.4	5.7	1.7	0.5	1.71	2.29	3.24	
09	1.08	4.1	2.9	0.5	0.2	0.40	0.75	1.22	
10	1.02	3.6	2.4	0.6	0.3	0.15	0.75	1.71	
11	0.26	2.0	1.0	0.1	0.0	0.05	0.09	0.32	
12	0.32	1.7	0.9	0.2	0.1	0.05	0.23	0.39	
Summary	15.35	52.5	36.8	9.1	2.8	8.46	13.15	19.48	

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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	3.20	1.9	1.6	0.4	0.1	0.0	3.9	0.8	0.3	0.0	1.00	2.50	4.10
02	4.20	2.1	1.9	0.5	0.1	0.0	4.9	2.1	0.8	0.1	0.00	3.50	6.00
03	4.60	1.8	1.6	0.7	0.2	0.1	2.5	1.0	0.3	0.1	1.20	2.30	6.70
04	4.10	1.7	1.6	0.5	0.3	0.0	1.5	0.4	0.2	0.0	0.50	2.00	6.30
05	0.40	0.2	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	2.20	0.6	0.6	0.3	0.2	0.0	1.0	0.5	0.3	0.0	0.00	0.00	2.00
11	2.10	1.5	1.2	0.3	0.1	0.0	2.3	0.9	0.2	0.0	0.70	1.20	3.20
12	3.60	1.8	1.7	0.5	0.1	0.0	4.1	1.3	0.3	0.0	1.00	3.00	5.00
Summary	24.4	11.6	10.4	3.3	1.1	0.1	20.4	7.1	2.4	0.2	4.4	14.5	33.3

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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	17.1	23.3	112.5	232.4	513.0	802.4	1010.3	946.9	671.2	319.4	93.0	17.3
45	3.8	6.7	49.8	129.1	367.9	652.4	855.1	791.7	523.8	200.3	41.6	4.1
50	0.5	1.3	16.8	56.6	237.1	503.0	700.1	636.8	380.7	105.4	12.9	0.7
55	0.0	0.2	3.7	16.5	129.5	357.3	545.6	482.2	247.1	43.8	2.3	0.0
60	0.0	0.0	0.5	2.5	54.9	221.7	391.8	329.2	133.5	11.4	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	54.2	58.9	147.7	223.4	350.2	497.1	627.3	592.6	437.9	275.1	124.9	51.5

Growing Degree Units (Accumulated Monthly)												
40	17	40	153	385	898	1701	2711	3658	4329	4648	4742	4759
45	4	10	60	189	557	1210	2065	2856	3380	3581	3622	3626
50	0	2	19	75	312	815	1515	2152	2533	2638	2651	2652
55	0	0	4	20	150	507	1053	1535	1782	1826	1828	1828
60	0	0	0	3	58	280	671	1001	1134	1146	1146	1146
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	54	113	261	484	834	1332	1959	2551	2989	3264	3389	3441

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

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