

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 6866 ft. Lat: 40.4883° N Lon: 106.8233° W

Station: STEAMBOAT SPRINGS, CO US USC00057936

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	29.2	4.6	16.9	3.0	4.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	1181.1	1243.1	1336.1	1491.1	0.0	0.0	0.0	20.1	31.0	13.8
02	34.3	7.9	21.1	3.6	5.1	4.2	0.0	0.0	0.0	0.0	0.0	0.0	949.2	1005.2	1089.2	1229.2	0.0	0.0	0.8	11.3	27.8	8.4
03	44.8	17.6	31.2	4.1	3.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	737.9	799.9	892.9	1047.9	0.0	0.0	9.4	3.2	30.4	2.0
04	54.4	26.7	40.5	3.9	2.4	2.9	0.8	0.2	0.0	0.0	0.0	0.0	434.3	493.7	583.5	733.5	0.0	0.0	19.5	0.7	27.3	0.0
05	65.2	34.0	49.6	3.6	2.0	2.4	20.7	10.1	2.7	0.0	0.0	0.0	188.2	239.6	325.1	477.5	0.0	0.0	28.2	0.0	14.4	0.0
06	75.9	39.2	57.6	3.7	1.5	2.3	115.6	76.9	34.4	4.3	0.1	0.0	39.2	60.4	108.0	227.8	0.0	0.6	29.9	0.0	3.4	0.0
07	83.1	45.8	64.5	2.7	2.1	2.2	294.9	234.8	149.8	43.6	4.6	1.0	2.0	3.9	11.9	60.7	0.0	3.6	31.0	0.0	0.2	0.0
08	81.5	44.2	62.8	2.3	1.9	1.7	247.7	189.8	111.8	26.1	2.4	0.6	4.4	8.5	23.5	92.8	0.0	2.0	31.0	0.0	0.3	0.0
09	73.5	35.7	54.6	2.8	2.1	2.1	69.9	42.2	15.6	1.1	0.0	0.0	81.9	114.2	177.6	313.2	0.0	0.2	29.3	0.0	10.5	0.0
10	59.3	26.1	42.7	3.7	3.2	2.9	2.1	0.7	0.1	0.0	0.0	0.0	383.4	444.0	536.3	691.3	0.0	0.0	24.4	0.9	26.6	0.2
11	42.9	16.4	29.7	5.8	3.5	4.3	0.0	0.0	0.0	0.0	0.0	0.0	760.5	820.5	910.5	1060.5	0.0	0.0	9.9	5.9	29.5	2.3
12	30.4	6.3	18.3	3.1	3.6	3.1	0.0	0.0	0.0	0.0	0.0	0.0	1136.0	1198.0	1291.0	1446.0	0.0	0.0	0.5	19.1	31.0	11.0
Summary	56.2	25.4	40.8	3.5	2.9	2.9	752	555	314	75	7	2	5898	6431	7286	8872	0.0	6.4	213.9	61.2	232.4	37.7

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	2.46	14.8	7.9	0.9	0.1	1.62	2.29	2.87	
02	1.92	13.4	6.9	0.7	0.0	1.49	1.81	2.15	
03	1.58	10.6	5.3	0.6	0.0	1.02	1.55	1.95	
04	2.54	12.5	7.5	1.2	0.2	1.74	2.25	3.36	
05	2.65	12.7	7.7	1.2	0.0	1.53	2.38	3.28	
06	1.58	8.3	4.3	0.6	0.2	0.79	1.23	1.98	
07	1.72	9.4	4.5	0.5	0.2	1.03	1.62	2.26	
08	1.80	11.7	5.9	0.7	0.1	1.02	1.52	2.31	
09	2.32	9.5	5.6	1.3	0.3	1.32	2.06	2.88	
10	2.22	9.3	5.8	1.2	0.2	1.34	2.13	2.73	
11	1.93	10.4	6.1	0.6	0.1	1.30	1.96	2.32	
12	1.96	13.4	6.5	0.7	0.0	1.63	1.93	2.15	
Summary	24.68	136.0	74.0	10.2	1.4	15.83	22.73	30.24	

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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	46.60	14.9	11.5	5.9	2.4	0.4	31.0	31.0	30.8	29.6	31.30	42.40	54.90
02	35.70	14.3	11.0	4.4	1.7	0.2	28.5	28.5	28.5	28.1	27.20	32.40	44.10
03	19.50	8.7	6.1	1.8	0.9	0.0	27.0	25.3	24.5	21.9	10.20	17.80	24.90
04	13.20	6.6	4.8	1.6	0.4	0.0	9.3	5.2	3.3	1.8	9.50	11.90	17.80
05	2.80	1.5	0.8	0.4	0.0	0.0	1.0	0.4	0.1	0.0	0.00	1.10	4.70
06	0.30	0.3	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.10
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	0.40	0.5	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.50
10	6.90	3.1	2.6	1.0	0.5	0.0	3.9	2.6	1.3	0.2	1.50	5.60	9.40
11	23.30	8.8	6.4	2.8	1.4	0.0	19.4	14.9	10.7	2.6	12.40	19.30	37.20
12	35.80	14.0	11.2	5.1	2.5	0.2	30.2	28.7	26.9	20.4	27.50	34.30	41.80
Summary	184.5	72.7	54.7	23.0	9.8	0.8	150.7	136.6	126.1	104.6	119.6	164.8	235.4

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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	0.6	16.0	101.7	308.3	526.9	757.8	708.3	440.8	151.8	15.6	0.1
45	0.0	0.1	2.9	37.0	178.9	378.5	602.8	553.3	298.9	64.3	2.7	0.0
50	0.0	0.0	0.1	7.8	79.0	237.0	448.0	398.9	170.2	17.6	0.2	0.0
55	0.0	0.0	0.0	0.8	20.7	115.6	294.9	247.7	69.9	2.1	0.0	0.0
60	0.0	0.0	0.0	0.0	2.7	34.4	149.8	111.8	15.6	0.1	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.1	1.3	28.8	106.9	242.4	387.1	506.4	482.1	353.3	174.2	35.7	1.1

Growing Degree Units (Accumulated Monthly)												
40	0	1	17	118	427	954	1711	2420	2860	3012	3028	3028
45	0	0	3	40	219	597	1200	1753	2052	2117	2119	2119
50	0	0	0	8	87	324	772	1171	1341	1359	1359	1359
55	0	0	0	1	22	137	432	680	750	752	752	752
60	0	0	0	0	3	37	187	299	314	314	314	314
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	1	30	137	380	767	1273	1755	2108	2283	2318	2319

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

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