

Summary of Monthly Normals
1991-2020

Current Location: Elev: 3477 ft. Lat: 40.9878° N Lon: 102.2653° W
Station: JULESBURG, CO US USC00054413
Generated on 05/23/2024

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	40.5	15.9	28.2	5.3	2.9	3.8	0.0	0.0	0.0	0.0	0.0	0.0	830.8	892.8	985.8	1140.8	0.0	0.0	10.5	6.3	30.4	2.6
02	44.0	18.2	31.1	6.3	4.8	5.2	0.0	0.0	0.0	0.0	0.0	0.0	669.0	725.0	809.0	949.1	0.0	0.0	12.1	4.7	26.8	1.9
03	54.5	25.9	40.2	4.8	3.1	3.6	4.6	2.2	0.4	0.0	0.0	0.0	463.5	523.1	614.3	768.9	0.0	0.0	22.3	1.4	24.4	0.5
04	61.9	34.6	48.3	3.8	2.7	3.0	31.4	19.7	8.7	1.5	0.1	0.0	233.9	282.2	361.1	504.0	0.0	0.0	26.3	0.4	11.4	0.0
05	70.7	44.7	57.7	3.9	2.1	2.7	157.7	120.8	75.2	28.1	7.4	3.4	74.0	99.1	146.4	254.3	0.0	2.2	29.7	0.0	2.0	0.0
06	81.5	55.3	68.4	4.2	2.5	3.2	405.5	348.2	265.9	147.9	60.9	38.2	3.6	6.3	14.0	46.0	0.8	8.7	30.0	0.0	0.0	0.0
07	87.6	61.3	74.4	3.0	2.3	2.5	602.7	540.7	448.0	296.3	158.2	111.5	0.0	0.0	0.3	3.6	2.5	17.6	31.0	0.0	0.0	0.0
08	85.3	58.9	72.1	2.8	2.3	2.3	530.3	468.8	377.8	231.8	106.7	68.5	0.4	0.9	2.8	11.8	0.7	12.7	31.0	0.0	0.0	0.0
09	78.3	48.8	63.6	3.8	3.1	3.1	278.8	229.3	162.7	74.5	23.6	12.5	22.5	33.0	56.3	118.1	0.1	6.1	29.7	0.0	0.4	0.0
10	64.5	35.3	49.9	4.9	3.1	3.6	51.5	34.3	16.7	4.0	0.7	0.4	209.5	254.3	329.7	472.0	0.0	0.4	27.8	0.7	11.3	0.0
11	51.2	24.0	37.6	5.3	2.5	3.5	1.8	0.7	0.1	0.0	0.0	0.0	523.8	582.8	672.1	822.0	0.0	0.0	18.2	2.2	26.1	0.6
12	40.5	16.0	28.3	4.4	3.5	3.7	0.0	0.0	0.0	0.0	0.0	0.0	829.0	890.9	983.9	1139.0	0.0	0.0	9.8	6.8	30.4	2.4
Summary	63.4	36.6	50.0	4.4	2.9	3.4	2064	1765	1356	784	358	234	3860	4290	4976	6230	4.1	47.7	278.4	22.5	163.2	8.0

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	0.41	1.5	1.0	0.3	0.1	0.07	0.22	0.62
02	0.41	2.5	1.4	0.1	0.0	0.18	0.36	0.61
03	1.00	3.9	3.0	0.5	0.1	0.44	0.85	1.67
04	1.77	5.7	4.2	1.4	0.3	0.84	1.79	2.36
05	3.00	8.1	5.6	2.0	0.6	1.69	2.61	4.17
06	3.20	7.9	5.9	2.3	0.9	2.60	3.18	3.91
07	2.33	7.0	5.0	1.7	0.6	1.38	2.13	3.22
08	2.79	6.8	5.1	2.0	0.6	2.04	2.76	3.36
09	1.52	4.7	3.3	1.0	0.3	0.81	1.54	1.86
10	1.43	4.6	3.5	0.8	0.3	0.89	1.37	1.80
11	0.41	2.3	1.5	0.2	0.0	0.05	0.22	0.58
12	0.29	1.3	1.0	0.2	0.0	0.00	0.19	0.42
Summary	18.56	56.3	40.5	12.5	3.8	10.99	17.22	24.58

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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	3.70	1.8	1.4	0.4	0.2	0.0	5.8	2.7	0.8	0.0	0.20	2.30	5.00
02	4.00	2.2	1.8	0.5	0.1	0.0	3.8	1.5	0.5	0.0	2.00	4.00	5.50
03	3.30	1.5	1.2	0.4	0.1	0.0	2.0	1.1	0.2	0.0	0.40	3.10	5.30
04	2.30	1.1	1.0	0.3	0.2	0.0	0.6	0.2	0.0	0.0	0.00	1.70	3.30
05	0.10	0.1	0.1	0.0	0.0	0.0	0.1	0.0	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	2.00	0.8	0.6	0.2	0.1	0.0	0.6	0.3	0.1	0.0	0.00	0.00	4.00
11	2.80	1.3	1.0	0.3	0.1	0.0	1.2	0.5	0.1	0.0	0.00	2.00	4.00
12	3.50	1.7	1.2	0.4	0.2	0.0	3.9	2.6	1.3	0.0	0.00	2.30	5.60
Summary	21.7	10.5	8.3	2.5	1.0	0.0	18.0	8.9	3.0	0.0	2.6	15.4	32.7

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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	11.4	24.8	125.5	276.0	551.2	851.9	1067.7	995.0	707.0	338.9	88.0	11.8
45	1.7	7.2	57.6	163.9	404.3	702.0	912.6	840.0	558.8	214.0	36.6	2.2
50	0.2	0.9	19.5	81.8	269.7	552.7	757.5	685.0	414.1	117.1	11.0	0.3
55	0.0	0.0	4.6	31.4	157.7	405.5	602.7	530.3	278.8	51.5	1.8	0.0
60	0.0	0.0	0.4	8.7	75.2	265.9	448.0	377.8	162.7	16.7	0.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	24.9	41.3	127.4	198.2	338.7	539.9	697.7	648.6	450.0	246.4	96.7	22.9

Growing Degree Units (Accumulated Monthly)												
40	11	36	162	438	989	1841	2908	3904	4610	4949	5037	5049
45	2	9	66	230	635	1337	2249	3089	3648	3862	3899	3901
50	0	1	21	102	372	925	1682	2367	2781	2898	2910	2910
55	0	0	5	36	194	599	1202	1732	2011	2062	2064	2064
60	0	0	0	9	84	350	798	1176	1339	1355	1356	1356
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	25	66	194	392	730	1270	1968	2617	3067	3313	3410	3433

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