U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Summary of Monthly Normals
1991-2020

Generated on 11/06/2026

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 5286 ft. Lat: 39.7633° N Lon: 104.8694° W

Station: **DENVER-STAPLETON, CO US USW00023062**

Temperature (°F)

	Mean						Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
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	46.5	17.6	32.1	4.0	3.5	3.6	0.2	0.1	0.0	0.0	0.0	0.0	711.7	773.6	866.5	1021.5	0.0	0.0	12.9	4.9	29.6	1.8
02	47.5	19.3	33.4	5.1	3.8	4.3	0.7	0.4	0.1	0.0	0.0	0.0	605.2	660.9	744.8	884.6	0.0	0.0	12.6	4.7	26.2	1.4
03	56.4	27.1	41.8	3.9	2.9	3.2	7.6	3.9	1.0	0.0	0.0	0.0	418.5	476.8	566.8	720.9	0.0	0.0	21.5	2.0	22.5	0.1
04	62.5	33.7	48.1	3.9	2.4	3.0	32.4	19.8	8.0	1.0	0.1	0.0	239.3	286.7	364.9	508.0	0.0	0.0	24.5	0.7	11.7	0.0
05	71.7	43.4	57.6	4.4	2.1	3.2	159.2	122.0	75.9	25.6	5.3	2.4	80.1	104.9	151.9	256.6	0.0	0.7	29.3	0.0	2.2	0.0
06	84.1	52.9	68.5	3.9	2.4	3.1	409.2	352.6	271.0	151.2	64.1	39.8	4.4	7.7	16.1	46.3	0.5	8.2	29.9	0.0	0.0	0.0
07	90.2	59.3	74.8	2.9	1.9	2.2	612.0	550.2	457.7	306.1	164.1	115.1	0.1	0.2	0.6	4.0	0.9	16.8	31.0	0.0	0.0	0.0
08	87.9	57.2	72.5	2.9	1.9	2.2	544.4	482.8	391.2	243.5	113.5	72.2	0.5	0.8	2.3	9.5	0.1	12.5	31.0	0.0	0.0	0.0
09	80.1	48.2	64.2	3.2	2.8	2.8	297.5	246.5	176.4	82.5	24.7	12.5	23.2	32.2	52.0	108.1	0.0	3.9	29.5	0.0	0.5	0.0
10	66.7	35.7	51.2	4.2	2.9	3.3	65.1	44.1	21.3	3.1	0.1	0.0	182.7	223.8	294.0	430.9	0.0	0.0	27.1	0.7	9.1	0.0
11	54.8	25.5	40.2	5.3	3.3	4.2	7.1	3.9	1.2	0.0	0.0	0.0	452.6	509.4	596.7	745.6	0.0	0.0	18.4	2.2	24.1	0.3
12	45.9	17.7	31.8	3.6	3.3	3.2	0.2	0.1	0.0	0.0	0.0	0.0	719.1	781.0	874.0	1029.0	0.0	0.0	12.5	5.4	29.8	1.4
Summary	66.2	36.5	51.4	3.9	2.8	3.2	2136	1826	1404	813	372	242	3437	3858	4531	5765	1.5	42.1	280.2	20.6	155.7	5.0

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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	0.46	5.1	1.6	0.1	0.0	0.24	0.39	0.58
02	0.53	5.5	2.1	0.0	0.0	0.18	0.51	0.80
03	1.12	6.5	2.8	0.5	0.2	0.59	0.83	1.39
04	1.67	8.3	4.4	0.7	0.3	0.86	1.60	2.33
05	2.29	11.0	5.2	1.2	0.3	1.28	1.82	3.06
06	1.68	8.1	4.1	1.0	0.2	0.88	1.52	1.84
07	2.12	9.0	4.0	1.2	0.5	0.83	1.45	2.94
08	1.83	8.8	3.5	1.0	0.4	0.65	1.53	2.94
09	1.51	6.4	3.3	0.7	0.2	0.54	0.96	1.61
10	0.98	5.4	2.7	0.4	0.1	0.47	0.84	1.35
11	0.70	5.6	2.2	0.2	0.0	0.34	0.53	0.86
12	0.47	4.7	1.6	0.1	0.0	0.20	0.31	0.66
Summary	15.36	84.4	37.5	7.1	2.2	7.06	12.29	20.36

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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	6.40	5.0	2.3	0.4	0.1	0.0	10.0	4.1	1.7	0.2	3.10	5.60	8.40
02	7.60	5.3	2.5	0.8	0.2	0.0	9.3	4.2	1.8	0.2	2.90	7.20	10.10
03	8.80	4.8	2.3	0.9	0.4	0.1	3.9	1.8	0.8	0.3	4.40	6.70	12.30
04	6.20	4.1	2.1	0.6	0.2	0.0	2.0	0.7	0.3	0.0	2.80	4.80	10.70
05	1.40	0.8	0.4	0.2	0.1	0.0	0.2	0.1	0.1	0.0	0.00	0.10	2.10
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	0.80	0.4	0.3	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
10	3.90	1.8	1.2	0.6	0.2	0.1	1.5	0.8	0.3	0.1	0.00	2.10	5.30
11	7.30	4.6	2.5	0.7	0.3	0.0	5.4	2.0	0.8	0.1	3.00	4.40	8.20
12	6.60	4.6	2.3	0.4	0.2	0.0	10.0	4.4	1.4	0.3	2.50	4.50	8.90
Summary	49.0	31.4	15.9	4.7	1.7	0.2	42.5	18.1	7.2	1.2	18.7	35.4	66.0

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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	31.3	45.5	155.3	276.7	548.1	854.9	1077.0	1008.9	725.2	372.7	132.1	34.9
45	8.4	15.0	76.3	167.4	402.7	704.9	921.8	853.8	577.5	245.2	65.3	10.4
50	1.4	3.6	29.1	84.0	270.2	555.6	766.8	698.9	433.7	139.5	25.7	2.0
55	0.2	0.7	7.6	32.4	159.2	409.2	612.0	544.4	297.5	65.1	7.1	0.2
60	0.0	0.1	1.0	8.0	75.9	271.0	457.7	391.2	176.4	21.3	1.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	52.3	59.8	144.6	208.6	344.8	527.8	681.4	640.0	459.9	274.6	128.7	52.6

Growing Degree Units (Accumulated Monthly)

40	31	77	232	509	1057	1912	2989	3998	4723	5096	5228	5263
45	8	23	100	267	670	1375	2296	3150	3728	3973	4038	4049
50	1	5	34	118	388	944	1711	2410	2843	2983	3008	3010
55	0	1	8	41	200	609	1221	1766	2063	2128	2135	2136
60	0	0	1	9	85	356	814	1205	1381	1403	1404	1404
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	52	112	257	465	810	1338	2019	2659	3119	3394	3522	3575

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

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