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

Summary of Monthly Normals 1991-2020

Generated on 11/05/2026

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

Current Location: Elev: 1005 ft. Lat: 39.2972° N Lon: 94.7306° W

Station: **KANSAS CITY INTL AP, MO US USW00003947**

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	38.4	19.5	29.0	4.9	4.1	4.3	0.2	0.0	0.0	0.0	0.0	0.0	807.5	869.4	962.3	1117.3	0.0	0.0	6.4	10.3	27.3	2.2
02	43.6	23.6	33.6	5.9	5.0	5.3	3.5	1.8	0.8	0.1	0.0	0.0	602.5	657.0	739.8	879.2	0.0	0.0	10.0	6.1	22.0	0.7
03	55.4	33.6	44.5	4.9	4.6	4.6	35.1	24.7	13.5	3.8	0.4	0.1	360.7	412.3	494.1	639.4	0.0	0.0	20.3	1.4	13.9	0.2
04	65.5	43.7	54.6	3.7	3.3	3.4	110.9	83.8	52.1	18.5	3.7	1.4	123.0	155.8	214.1	330.5	0.0	0.2	27.2	0.0	3.4	0.0
05	75.0	54.3	64.6	3.4	3.1	3.1	314.5	261.9	191.8	98.1	38.1	23.0	15.4	24.8	47.6	108.9	0.0	0.8	30.9	0.0	0.0	0.0
06	84.2	64.0	74.1	2.8	2.2	2.4	573.0	513.2	424.1	280.0	152.0	108.8	0.1	0.3	1.3	7.2	0.1	7.1	30.0	0.0	0.0	0.0
07	88.3	68.1	78.2	3.4	2.5	2.7	719.1	657.1	564.1	409.4	260.0	204.0	0.0	0.0	0.0	0.3	1.3	13.1	31.0	0.0	0.0	0.0
08	87.1	66.3	76.7	3.4	2.6	2.8	672.6	610.6	517.6	364.1	219.2	168.3	0.0	0.0	0.1	1.5	1.1	11.6	31.0	0.0	0.0	0.0
09	79.2	57.5	68.4	3.2	3.5	3.2	407.1	351.3	271.7	158.3	75.7	52.1	6.7	10.8	21.3	57.9	0.1	3.3	30.0	0.0	0.0	0.0
10	67.2	45.6	56.4	3.2	2.4	2.6	143.4	111.0	71.8	28.7	8.9	4.9	100.1	129.6	183.5	295.3	0.0	0.2	29.0	0.0	2.3	0.0
11	53.5	33.6	43.6	5.5	4.5	4.8	23.4	16.0	7.9	1.6	0.0	0.0	366.8	419.4	501.4	645.0	0.0	0.0	19.3	1.3	13.3	0.0
12	42.3	23.9	33.1	4.5	4.4	4.3	1.3	0.6	0.1	0.0	0.0	0.0	680.0	741.4	833.8	988.7	0.0	0.0	8.9	6.7	24.6	0.7
Summary	65.0	44.5	54.7	4.1	3.5	3.6	3004	2632	2116	1363	758	563	3063	3421	3999	5071	2.6	36.3	274.0	25.8	106.8	3.8

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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	1.16	6.8	2.9	0.6	0.1	0.65	1.12	1.42
02	1.48	6.7	3.4	1.0	0.2	0.76	1.36	2.12
03	2.36	9.5	5.2	1.5	0.4	1.34	2.29	3.20
04	4.05	11.3	7.2	2.9	1.0	2.60	4.08	4.90
05	5.32	12.1	7.7	3.7	1.6	3.04	4.98	6.40
06	5.25	10.2	7.4	3.6	1.8	3.08	5.11	7.36
07	4.58	9.0	5.9	2.9	1.5	2.32	4.38	6.20
08	4.24	8.4	5.5	2.7	1.3	2.08	3.68	6.49
09	4.04	8.3	5.9	2.8	1.0	2.23	3.24	5.60
10	3.25	8.1	5.0	1.9	0.8	1.27	3.04	3.93
11	2.00	6.8	4.0	1.2	0.5	1.16	1.65	2.65
12	1.57	6.5	3.1	1.0	0.3	0.80	1.71	2.11
Summary	39.30	103.7	63.2	25.8	10.5	21.33	36.64	52.38

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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	4.90	4.4	1.7	0.3	0.2	0.0	8.0	3.3	1.3	0.1	1.50	4.30	7.00
02	5.90	3.1	1.5	0.6	0.3	0.0	5.0	2.5	1.3	0.2	1.00	3.40	9.30
03	1.70	1.7	0.5	0.1	0.0	0.0	1.9	0.8	0.3	0.0	0.40	0.90	2.30
04	0.30	0.4	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
05	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
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	0.30	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	1.10	1.0	0.3	0.1	0.1	0.0	0.7	0.2	0.1	0.0	0.00	0.00	0.70
12	4.00	3.0	1.5	0.3	0.1	0.0	4.7	1.8	0.8	0.0	0.50	2.60	5.70
Summary	18.2	13.8	5.8	1.4	0.7	0.0	20.6	8.6	3.8	0.3	3.4	11.2	25.0

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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	26.8	60.4	221.1	448.1	764.2	1022.8	1184.0	1137.4	850.4	513.9	191.3	46.4
45	9.7	28.1	133.5	316.0	609.6	872.9	1029.1	982.6	700.6	371.1	108.3	18.3
50	2.3	11.1	72.9	200.2	457.4	722.8	874.1	827.5	551.8	245.2	53.9	6.1
55	0.2	3.5	35.1	110.9	314.5	573.0	719.1	672.6	407.1	143.4	23.4	1.3
60	0.0	0.8	13.5	52.1	191.8	424.1	564.1	517.6	271.7	71.8	7.9	0.1
Growing Degree Units for Corn (Monthly)												
50/86	20.9	43.5	141.5	262.6	475.6	697.0	814.0	774.2	550.4	304.6	110.9	29.6

Growing Degree Units (Accumulated Monthly)

40	27	87	308	756	1521	2543	3727	4865	5715	6229	6420	6467
45	10	38	171	487	1097	1970	2999	3982	4682	5053	5162	5180
50	2	13	86	286	744	1467	2341	3168	3720	3965	4019	4025
55	0	4	39	150	464	1037	1756	2429	2836	2979	3003	3004
60	0	1	14	66	258	682	1246	1764	2036	2108	2115	2116
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	21	64	206	468	944	1641	2455	3229	3780	4084	4195	4225

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

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