

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 1050 ft. Lat: 38.9583° N Lon: 95.2514° W

Station: LAWRENCE, KS US USC00144559

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	38.3	19.4	28.8	4.8	3.8	4.1	0.2	0.1	0.0	0.0	0.0	0.0	810.7	872.5	965.4	1120.4	0.0	0.0	6.8	9.0	26.7	1.6
02	43.6	23.0	33.3	5.9	4.9	5.3	2.8	1.6	0.7	0.1	0.0	0.0	610.3	665.1	748.2	887.6	0.0	0.0	10.8	5.4	21.0	0.8
03	54.6	33.1	43.9	5.2	4.8	4.8	29.5	20.5	11.2	3.3	0.3	0.1	375.2	428.2	511.9	659.0	0.0	0.0	21.1	1.2	14.0	0.1
04	64.6	43.9	54.3	4.0	3.2	3.5	105.5	79.5	48.1	16.1	3.2	1.4	128.0	162.0	220.6	338.6	0.0	0.0	27.6	0.1	3.6	0.0
05	74.1	55.9	65.0	3.5	2.8	3.0	325.6	273.4	202.3	106.8	41.5	25.0	15.6	25.4	47.4	106.8	0.0	1.2	30.9	0.0	0.0	0.0
06	83.9	65.3	74.6	3.0	2.0	2.3	587.9	528.1	439.0	294.0	162.4	117.0	0.1	0.2	1.1	6.2	0.2	8.1	30.0	0.0	0.0	0.0
07	88.6	69.8	79.2	2.9	2.0	2.3	750.1	688.1	595.1	440.3	288.9	231.7	0.0	0.0	0.0	0.2	2.1	15.4	31.0	0.0	0.0	0.0
08	87.3	67.6	77.5	3.6	3.0	3.1	695.8	633.8	541.0	387.3	241.6	188.9	0.0	0.1	0.2	1.5	2.0	13.1	31.0	0.0	0.0	0.0
09	79.0	58.7	68.9	3.1	3.0	2.9	420.5	364.0	282.9	166.9	79.2	54.5	5.1	8.6	17.5	51.4	0.2	4.0	30.0	0.0	0.0	0.0
10	67.0	46.6	56.8	3.5	2.6	2.9	151.2	117.7	76.7	30.0	7.8	4.2	95.5	124.0	176.0	284.2	0.0	0.2	29.0	0.0	1.8	0.0
11	53.5	33.9	43.7	5.6	4.7	4.9	22.3	15.2	7.8	1.8	0.1	0.0	361.2	414.1	496.8	640.7	0.0	0.0	19.9	1.2	12.1	0.0
12	41.8	24.2	33.0	4.7	4.0	4.1	1.9	1.0	0.3	0.0	0.0	0.0	683.7	744.8	837.1	991.8	0.0	0.0	10.0	6.7	24.2	0.5
Summary	64.7	45.1	54.9	4.2	3.4	3.6	3093	2723	2205	1447	825	623	3085	3445	4022	5088	4.5	42.0	278.1	23.6	103.4	3.0

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	0.96	4.7	2.4	0.4	0.1	0.36	0.91	1.17
02	1.54	5.6	3.5	1.2	0.4	0.72	1.39	2.31
03	2.32	7.7	5.0	1.5	0.4	1.48	2.10	3.16
04	4.13	9.5	6.7	3.0	1.1	2.60	3.92	5.25
05	5.13	11.3	8.2	3.5	1.5	3.06	4.76	6.94
06	5.69	9.5	7.0	3.6	1.8	4.19	5.86	6.88
07	4.28	8.2	5.8	3.0	1.5	1.83	3.21	6.27
08	4.63	8.2	5.9	2.6	1.5	2.00	3.72	5.93
09	3.95	7.3	5.6	2.6	1.4	2.30	3.48	4.90
10	3.20	7.3	5.1	2.2	1.0	1.70	2.82	3.98
11	1.96	5.4	3.0	1.3	0.6	0.80	1.55	2.54
12	1.61	4.9	3.3	1.2	0.4	0.67	1.33	2.36
Summary	39.40	89.6	61.5	26.1	11.7	21.71	35.05	51.69

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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	2.10	2.2	1.3	0.4	0.3	0.0	5.4	2.8	1.6	0.2	0.10	2.00	2.60
02	3.30	1.7	1.1	0.4	0.1	0.0	3.3	1.4	0.4	0.0	0.00	2.10	5.90
03	0.80	0.5	0.3	0.1	0.0	0.0	0.9	0.5	0.0	0.0	0.00	0.00	1.10
04	0.10	0.2	0.0	0.0	0.0	0.0	0.0	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	0.90	0.6	0.3	0.1	0.0	0.0	0.4	0.0	0.0	0.0	0.00	0.00	1.40
12	2.90	1.8	0.9	0.2	0.1	0.0	2.4	1.0	0.4	0.0	0.00	1.50	3.10
Summary	10.4	7.2	4.0	1.2	0.5	0.0	12.5	5.7	2.4	0.2	0.1	5.6	14.1

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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	22.2	59.8	208.2	438.8	775.0	1037.8	1215.0	1160.7	865.4	526.6	193.0	47.3
45	6.3	27.1	121.8	306.7	620.3	887.8	1060.1	1005.8	715.5	383.0	109.1	19.1
50	1.5	10.1	64.0	193.3	468.2	737.8	905.0	850.7	566.5	256.1	52.7	6.8
55	0.2	2.8	29.5	105.5	325.6	587.9	750.1	695.8	420.5	151.2	22.3	1.9
60	0.0	0.7	11.2	48.1	202.3	439.0	595.1	541.0	282.9	76.7	7.8	0.3
Growing Degree Units for Corn (Monthly)												
50/86	18.3	43.8	131.9	253.1	481.1	715.1	840.8	793.7	561.6	306.2	109.5	29.6

Growing Degree Units (Accumulated Monthly)												
40	22	82	290	729	1504	2542	3757	4918	5783	6310	6502	6550
45	6	33	155	462	1082	1970	3030	4036	4751	5134	5244	5263
50	2	12	76	269	737	1475	2380	3231	3797	4053	4106	4113
55	0	3	32	138	464	1052	1802	2497	2918	3069	3091	3093
60	0	1	12	60	262	701	1296	1837	2120	2197	2205	2205
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	18	62	194	447	928	1643	2484	3278	3839	4146	4255	4285

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