

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 997 ft. Lat: 38.9597° N Lon: 94.3714° W

Station: LEES SUMMIT MUNI AP, MO US USW00053879

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	39.0	22.1	30.6	4.9	4.0	4.2	0.6	0.3	0.1	0.0	0.0	0.0	758.1	819.7	912.5	1067.7	0.0	0.0	7.9	9.4	26.0	1.2
02	44.3	25.9	35.1	5.8	5.0	5.3	6.2	3.6	1.1	0.0	0.0	0.0	563.2	616.5	698.1	837.1	0.0	0.0	9.4	6.6	21.7	0.3
03	55.4	35.4	45.4	5.0	4.6	4.7	38.0	27.0	14.6	3.4	0.3	0.1	335.7	386.7	467.3	611.1	0.0	0.0	21.5	1.1	10.9	0.1
04	65.5	45.5	55.5	3.4	3.2	3.2	124.7	94.6	58.8	20.6	4.0	1.8	109.7	139.5	193.8	305.5	0.0	0.1	27.6	0.1	2.9	0.0
05	74.8	55.9	65.3	3.3	3.1	3.0	333.6	279.6	206.5	107.8	40.5	23.3	12.8	20.7	40.6	96.9	0.0	0.6	30.8	0.0	0.1	0.0
06	84.0	65.4	74.7	2.9	2.3	2.5	590.8	530.9	441.4	295.5	162.4	117.3	0.0	0.1	0.7	4.6	0.2	8.3	30.0	0.0	0.0	0.0
07	88.3	69.7	79.0	3.2	2.5	2.7	743.8	681.7	588.7	434.3	284.5	226.9	0.0	0.0	0.0	0.5	1.4	14.0	31.0	0.0	0.0	0.0
08	86.9	67.6	77.3	3.3	2.5	2.7	689.5	627.4	534.5	381.0	235.2	183.0	0.0	0.0	0.1	1.5	1.0	11.0	31.0	0.0	0.0	0.0
09	79.0	59.0	69.0	3.3	3.8	3.4	423.6	367.0	285.4	168.2	82.4	56.6	3.7	7.1	15.5	48.3	0.1	3.5	30.0	0.0	0.0	0.0
10	67.1	47.2	57.2	3.4	2.5	2.8	155.0	120.6	78.6	33.0	10.0	5.6	88.3	115.9	166.9	276.4	0.0	0.3	28.6	0.0	1.8	0.0
11	54.0	36.2	45.1	5.0	4.0	4.3	24.2	15.2	6.7	1.7	0.2	0.1	321.2	372.2	453.7	598.7	0.0	0.0	20.6	0.8	10.4	0.0
12	43.2	26.3	34.7	4.1	4.3	4.1	1.9	0.7	0.2	0.0	0.0	0.0	629.4	690.2	782.7	937.6	0.0	0.0	10.5	6.4	22.5	0.2
Summary	65.1	46.3	55.7	4.0	3.5	3.6	3132	2749	2217	1446	820	615	2822	3169	3732	4786	2.7	37.8	278.9	24.4	96.3	1.8

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	4.9	2.3	0.5	0.1	0.47	0.87	1.31
02	1.43	6.3	3.0	1.0	0.3	0.82	1.28	1.92
03	2.14	8.3	5.0	1.5	0.5	1.46	1.90	2.43
04	4.19	11.2	7.2	2.8	1.1	3.29	4.23	5.05
05	5.70	12.7	7.8	3.8	1.7	3.12	5.06	8.52
06	4.95	10.6	7.1	3.5	1.7	3.39	4.79	6.43
07	4.57	8.8	5.2	2.7	1.4	1.80	3.70	7.48
08	4.54	9.7	5.9	3.3	1.7	2.84	4.08	5.60
09	3.07	8.7	5.0	2.0	0.7	1.83	2.78	4.01
10	3.39	9.5	5.5	2.2	1.1	1.50	2.94	4.35
11	2.05	6.3	3.2	1.2	0.4	1.07	1.49	2.35
12	1.35	5.7	2.8	0.9	0.3	0.55	1.24	1.89
Summary	38.34	102.7	60.0	25.4	11.0	22.14	34.36	51.34

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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	39.1	75.1	236.8	473.7	785.9	1040.8	1208.7	1154.4	869.9	534.3	216.2	61.9
45	15.2	36.5	144.4	340.7	631.4	890.8	1053.8	999.5	720.0	389.3	123.3	25.3
50	4.4	16.5	79.3	221.1	478.5	740.9	898.8	844.5	570.5	260.5	59.6	8.6
55	0.6	6.2	38.0	124.7	333.6	590.8	743.8	689.5	423.6	155.0	24.2	1.9
60	0.1	1.1	14.6	58.8	206.5	441.4	588.7	534.5	285.4	78.6	6.7	0.2
Growing Degree Units for Corn (Monthly)												
50/86	23.9	46.0	139.6	270.6	491.8	716.6	839.3	792.8	566.7	307.0	111.3	32.5

Growing Degree Units (Accumulated Monthly)												
40	39	114	351	825	1611	2651	3860	5014	5884	6419	6635	6697
45	15	52	196	537	1168	2059	3113	4112	4832	5222	5345	5370
50	4	21	100	321	800	1541	2440	3284	3854	4115	4175	4183
55	1	7	45	170	503	1094	1838	2527	2951	3106	3130	3132
60	0	1	16	75	281	722	1311	1846	2131	2210	2216	2217
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	24	70	210	480	972	1688	2528	3321	3887	4194	4306	4338

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