

Summary of Monthly Normals
1991-2020
Generated on 05/23/2024

Current Location: Elev: 310 ft. Lat: 36.8775° N Lon: 89.6231° W
Station: **SIKESTON PWR STN, MO US USC00237772**

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	44.2	27.8	36.0	3.9	4.1	3.9	4.6	2.7	0.9	0.0	0.0	0.0	593.3	653.5	744.7	898.8	0.0	0.0	9.0	6.1	21.6	0.2
02	49.2	30.7	39.9	4.6	4.4	4.4	9.1	5.7	2.6	0.4	0.0	0.0	430.4	483.0	563.9	701.7	0.0	0.0	12.5	3.2	17.1	0.3
03	59.2	38.7	48.9	4.9	4.0	4.4	55.3	39.8	23.2	7.0	0.9	0.4	242.8	289.3	365.7	504.5	0.0	0.0	22.9	0.6	8.7	0.0
04	70.6	48.6	59.6	3.5	3.1	3.2	194.6	155.2	104.3	45.1	12.4	5.8	56.6	77.2	116.3	207.1	0.0	0.1	28.8	0.0	1.0	0.0
05	80.5	59.3	69.9	3.2	2.9	2.8	464.3	404.9	319.5	194.0	98.8	68.7	2.4	5.1	12.7	42.1	0.1	3.2	31.0	0.0	0.0	0.0
06	88.8	67.9	78.3	2.8	2.2	2.4	700.3	640.4	550.5	402.2	258.7	205.7	0.0	0.0	0.2	1.8	0.6	13.2	30.0	0.0	0.0	0.0
07	91.4	70.7	81.0	3.0	2.5	2.7	807.5	745.5	652.5	497.5	343.0	282.7	0.0	0.0	0.0	0.0	1.1	17.7	31.0	0.0	0.0	0.0
08	90.3	68.3	79.3	3.0	2.4	2.5	753.2	691.2	598.2	443.6	291.2	232.9	0.0	0.0	0.0	0.4	1.0	15.0	31.0	0.0	0.0	0.0
09	83.9	60.2	72.0	3.3	3.0	2.9	512.8	454.3	368.6	235.3	126.2	91.8	1.4	2.9	7.2	23.8	0.1	6.5	30.0	0.0	0.0	0.0
10	72.6	48.9	60.7	3.0	2.1	2.2	223.8	180.6	125.2	58.5	20.2	12.3	45.6	64.4	102.0	190.2	0.0	0.4	30.6	0.0	0.8	0.0
11	58.4	38.9	48.6	4.7	3.5	4.0	45.6	31.6	17.5	4.9	0.7	0.2	236.0	282.0	357.9	495.4	0.0	0.0	22.6	0.2	7.9	0.0
12	47.7	31.8	39.8	4.5	4.2	4.2	7.0	3.8	1.5	0.2	0.0	0.0	479.6	538.4	629.1	782.9	0.0	0.0	12.3	3.3	17.1	0.0
Summary	69.7	49.3	59.5	3.7	3.2	3.3	3778	3356	2764	1889	1152	900	2088	2396	2900	3849	2.9	56.1	291.7	13.4	74.2	0.5

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	3.68	8.4	6.3	2.9	1.1	2.27	3.79	4.87
02	4.25	7.9	6.1	2.8	1.4	2.81	3.71	5.31
03	4.96	10.0	7.8	3.4	1.4	2.69	3.94	7.14
04	5.50	9.9	7.4	3.8	1.7	3.79	5.40	6.22
05	4.74	10.3	8.5	3.6	1.6	2.88	4.99	5.79
06	4.26	8.4	7.0	3.0	1.3	2.49	4.15	6.08
07	3.87	6.9	5.6	2.8	1.2	2.28	3.87	5.38
08	3.32	6.1	4.8	2.3	0.9	2.13	3.18	4.63
09	3.21	6.2	5.3	2.3	1.2	1.46	2.89	4.70
10	3.57	6.3	4.9	2.3	0.9	2.14	3.35	4.66
11	4.20	7.5	6.0	3.6	1.4	2.49	3.91	5.38
12	4.08	8.7	6.7	3.1	1.4	2.53	3.24	5.91
Summary	49.64	96.6	76.4	35.9	15.5	29.96	46.42	66.07

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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	0.80	0.3	0.3	0.1	0.0	0.0	0.5	0.0	0.0	0.0	0.00	0.00	0.00
02	1.20	1.0	0.7	0.3	0.1	0.1	0.5	0.1	0.1	0.0	0.00	0.00	2.00
03	0.60	0.2	0.2	0.1	0.1	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
04	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
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	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.00	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	0.40	0.5	0.2	0.1	0.0	0.0	0.4	0.3	0.0	0.0	0.00	0.00	0.00
Summary	3.1	2.1	1.5	0.6	0.2	0.1	1.6	0.5	0.1	0.0	0.0	0.0	2.0

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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	75.7	114.6	310.8	589.4	926.8	1150.2	1272.4	1218.0	961.4	644.2	289.6	115.4
45	35.0	57.7	198.2	445.3	771.8	1000.2	1117.4	1063.0	811.4	492.9	180.9	55.3
50	13.9	24.7	112.4	311.7	617.1	850.3	962.5	908.2	661.5	349.3	99.0	22.3
55	4.6	9.1	55.3	194.6	464.3	700.3	807.5	753.2	512.8	223.8	45.6	7.0
60	0.9	2.6	23.2	104.3	319.5	550.5	652.5	598.2	368.6	125.2	17.5	1.5
Growing Degree Units for Corn (Monthly)												
50/86	40.0	65.9	177.7	355.5	603.9	785.2	869.5	829.3	635.0	397.9	159.0	55.5

Growing Degree Units (Accumulated Monthly)												
40	76	190	501	1090	2017	3168	4440	5658	6619	7263	7553	7668
45	35	93	291	736	1508	2508	3626	4689	5500	5993	6174	6229
50	14	39	151	463	1080	1930	2893	3801	4462	4812	4911	4933
55	5	14	69	264	728	1428	2236	2989	3502	3726	3771	3778
60	1	4	27	131	450	1001	1654	2252	2620	2745	2763	2764
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	40	106	284	639	1243	2028	2898	3727	4362	4760	4919	4974

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