

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 460 ft. Lat: 39.3736° N Lon: 90.9061° W

Station: CLARKSVILLE L&D 24, MO US USC00231640

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	36.5	19.7	28.1	4.5	4.5	4.4	0.4	0.2	0.0	0.0	0.0	0.0	833.8	895.7	988.5	1143.5	0.0	0.0	5.3	11.1	27.3	2.2
02	41.4	23.5	32.4	5.7	5.3	5.4	1.4	0.7	0.2	0.0	0.0	0.0	632.6	688.0	771.4	911.2	0.0	0.0	7.2	6.8	23.3	0.9
03	52.3	33.0	42.7	5.1	4.2	4.5	24.3	16.9	8.7	2.1	0.2	0.0	407.1	461.7	546.5	694.9	0.0	0.0	17.2	1.5	15.7	0.1
04	65.0	43.8	54.4	3.8	3.2	3.4	105.5	79.2	47.8	16.5	3.6	1.5	123.6	157.3	216.0	334.5	0.0	0.2	27.3	0.0	2.9	0.0
05	74.4	54.4	64.4	3.5	3.6	3.4	306.6	255.2	185.8	94.5	36.4	21.6	15.2	25.7	49.4	113.1	0.0	1.3	30.9	0.0	0.2	0.0
06	83.5	64.2	73.9	2.8	2.1	2.3	565.4	505.7	417.0	275.0	149.1	106.5	0.1	0.4	1.7	9.7	0.1	6.6	30.0	0.0	0.0	0.0
07	87.3	68.4	77.9	2.9	2.5	2.4	708.2	646.2	553.3	398.8	248.2	192.0	0.0	0.0	0.1	0.6	1.2	12.6	31.0	0.0	0.0	0.0
08	85.8	66.7	76.2	2.7	2.6	2.5	658.5	596.6	503.8	350.1	203.0	151.2	0.0	0.0	0.2	1.6	0.5	9.2	31.0	0.0	0.0	0.0
09	79.3	58.2	68.8	3.3	2.9	2.9	416.1	359.2	277.9	159.3	72.5	47.8	3.7	6.8	15.5	47.0	0.1	3.7	30.0	0.0	0.0	0.0
10	67.1	46.3	56.7	3.1	2.3	2.5	141.5	108.5	69.0	26.7	6.9	3.7	88.9	117.8	171.4	284.0	0.0	0.3	29.2	0.0	1.4	0.0
11	53.0	34.6	43.8	5.8	4.0	4.7	20.6	13.5	6.2	1.2	0.2	0.1	356.6	409.4	492.2	637.1	0.0	0.0	18.4	1.0	12.6	0.0
12	41.1	25.1	33.1	4.5	4.3	4.2	1.4	0.8	0.2	0.0	0.0	0.0	680.1	741.6	833.9	988.7	0.0	0.0	7.9	7.0	24.5	0.4
Summary	63.9	44.8	54.4	4.0	3.5	3.6	2950	2583	2070	1324	720	524	3142	3504	4087	5166	1.9	33.9	265.4	27.4	107.9	3.6

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	2.05	8.0	4.2	1.2	0.5	0.78	1.76	2.81
02	1.73	7.8	4.3	1.1	0.2	1.03	1.59	1.86
03	3.01	10.4	6.2	2.1	0.4	2.06	2.79	4.07
04	4.02	11.2	7.3	2.8	1.0	2.79	3.99	5.00
05	4.60	12.4	8.3	2.9	1.1	2.65	4.51	6.78
06	4.44	10.7	7.5	3.0	1.5	2.57	3.84	5.99
07	3.91	8.6	6.4	2.8	1.1	1.79	3.53	4.63
08	3.53	7.7	5.5	2.7	1.3	2.04	2.81	4.96
09	3.21	7.2	4.7	2.0	0.9	1.78	2.34	3.49
10	2.91	9.1	5.5	2.0	0.7	1.54	2.44	3.94
11	3.00	8.6	5.6	2.1	0.8	1.55	2.83	4.01
12	2.06	8.9	4.6	1.2	0.4	1.31	1.76	2.71
Summary	38.47	110.6	70.1	25.9	9.9	21.89	34.19	50.25

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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	4.50	3.1	2.0	0.6	0.1	0.0	8.8	4.5	2.2	0.6	0.80	3.20	4.60
02	3.20	1.7	1.2	0.5	0.2	0.1	5.9	2.9	2.0	0.7	0.60	1.00	2.40
03	1.40	0.6	0.4	0.2	0.0	0.0	0.7	0.3	0.1	0.0	0.00	0.60	1.50
04	0.10	0.1	0.1	0.0	0.0	0.0	0.1	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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.10	0.3	0.1	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.00	0.00	0.00
12	2.30	1.7	0.9	0.3	0.1	0.0	4.1	2.0	1.0	0.2	0.00	1.50	2.00
Summary	11.6	7.5	4.7	1.6	0.4	0.1	20.0	9.7	5.3	1.5	1.4	6.3	10.5

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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	21.7	44.8	172.5	439.5	756.4	1015.2	1173.1	1123.5	862.3	520.5	187.3	43.3
45	6.8	19.2	98.1	306.3	601.6	865.3	1018.2	968.6	712.4	374.2	103.7	16.1
50	1.7	6.1	51.0	191.6	448.8	715.3	863.2	813.5	562.9	245.1	50.4	5.2
55	0.4	1.4	24.3	105.5	306.6	565.4	708.2	658.5	416.1	141.5	20.6	1.4
60	0.0	0.2	8.7	47.8	185.8	417.0	553.3	503.8	277.9	69.0	6.2	0.2
Growing Degree Units for Corn (Monthly)												
50/86	15.6	31.8	103.6	249.6	465.5	690.5	814.4	776.7	558.3	297.5	101.6	25.1

Growing Degree Units (Accumulated Monthly)												
40	22	66	239	678	1435	2450	3623	4747	5609	6130	6317	6360
45	7	26	124	430	1032	1897	2916	3884	4596	4971	5074	5090
50	2	8	59	250	699	1414	2278	3091	3654	3899	3950	3955
55	0	2	26	132	438	1004	1712	2370	2786	2928	2948	2950
60	0	0	9	57	242	660	1213	1717	1994	2064	2070	2070
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	16	47	151	401	866	1557	2371	3148	3706	4004	4105	4130

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