

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 425 ft. Lat: 37.3475° N Lon: 87.5239° W
Station: MADISONVILLE, KY US USC00155067

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	44.8	28.3	36.5	4.2	4.1	4.0	6.8	3.9	1.3	0.0	0.0	0.0	578.5	637.6	728.0	881.8	0.0	0.0	11.4	4.7	21.4	0.5	
02	49.9	31.6	40.7	4.9	4.7	4.7	14.1	9.0	4.4	1.0	0.1	0.0	413.0	464.0	543.3	680.0	0.0	0.0	14.6	2.1	17.2	0.1	
03	60.0	39.4	49.7	4.9	4.2	4.5	69.6	52.0	31.4	10.3	1.8	0.6	233.9	278.2	350.7	484.5	0.0	0.0	24.8	0.3	10.0	0.0	
04	71.5	49.4	60.4	3.1	3.1	3.0	217.8	177.1	123.3	55.6	16.2	8.1	54.4	73.7	109.9	192.1	0.0	0.1	29.4	0.0	2.0	0.0	
05	79.1	59.0	69.1	2.7	3.1	2.8	438.3	380.0	296.5	173.5	78.4	49.5	2.8	6.4	16.0	48.0	0.0	1.8	31.0	0.0	0.0	0.0	
06	86.3	66.7	76.5	2.2	1.9	1.9	644.9	584.9	495.1	346.8	205.7	154.4	0.0	0.0	0.1	1.9	0.1	10.6	30.0	0.0	0.0	0.0	
07	89.3	69.9	79.6	2.3	2.2	2.2	762.5	700.5	607.5	452.5	298.9	239.4	0.0	0.0	0.0	0.0	0.4	17.7	31.0	0.0	0.0	0.0	
08	88.7	68.3	78.5	3.0	2.7	2.6	728.4	666.4	573.4	418.8	267.2	209.8	0.0	0.0	0.0	0.4	0.7	15.0	31.0	0.0	0.0	0.0	
09	83.1	61.3	72.2	3.5	2.9	2.9	517.1	458.5	372.4	237.9	125.4	89.3	1.2	2.6	6.5	22.0	0.1	7.1	30.0	0.0	0.0	0.0	
10	71.9	50.1	61.0	2.9	2.2	2.2	229.1	185.8	130.0	60.4	20.3	11.8	43.1	61.8	99.1	184.4	0.0	0.4	30.7	0.0	1.5	0.0	
11	58.4	39.9	49.2	4.6	4.0	4.1	53.4	38.0	21.3	6.1	0.8	0.2	228.8	273.4	346.8	481.5	0.0	0.0	23.6	0.1	9.6	0.0	
12	48.0	32.2	40.1	4.4	4.1	4.2	10.4	6.2	2.4	0.4	0.0	0.0	472.2	530.0	619.2	772.2	0.0	0.0	14.4	2.3	17.7	0.0	
Summary	69.2	49.7	59.5	3.6	3.3	3.3	3692	3262	2659	1763	1015	763	2028	2328	2820	3749	1.3	52.7	301.9	9.5	79.4	0.6	

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	3.77	10.6	6.9	2.7	0.9	2.53	3.24	4.60	
02	4.01	9.5	6.8	3.1	1.1	2.60	3.59	4.81	
03	5.28	11.7	8.3	3.0	1.2	3.64	4.66	6.56	
04	5.16	11.1	8.3	3.5	1.4	3.64	4.51	5.90	
05	5.12	11.6	8.3	3.6	1.5	3.70	5.16	6.38	
06	4.93	10.3	7.3	3.4	1.5	3.04	4.75	6.06	
07	5.02	9.7	6.5	2.8	1.6	2.38	3.87	6.85	
08	2.68	8.1	4.9	2.0	0.7	1.45	2.11	3.27	
09	3.51	7.6	5.0	2.1	1.0	1.33	2.93	5.21	
10	4.06	8.3	5.6	2.8	1.5	2.46	3.98	5.05	
11	4.13	9.1	6.2	2.7	1.2	2.63	3.26	5.12	
12	4.54	10.7	7.3	3.1	1.3	2.81	4.40	5.68	
Summary	52.21	118.3	81.4	34.8	14.9	32.21	46.46	65.49	

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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	89.0	134.0	332.9	615.0	900.5	1094.8	1227.4	1193.2	965.8	651.8	303.7	127.3
45	43.6	73.9	220.1	470.3	745.5	944.8	1072.5	1038.3	815.9	499.8	194.5	65.6
50	19.1	35.8	132.2	335.7	590.7	794.9	917.5	883.4	666.0	355.4	110.7	29.5
55	6.8	14.1	69.6	217.8	438.3	644.9	762.5	728.4	517.1	229.1	53.4	10.4
60	1.3	4.4	31.4	123.3	296.5	495.1	607.5	573.4	372.4	130.0	21.3	2.4
Growing Degree Units for Corn (Monthly)												
50/86	44.0	76.3	195.4	380.9	594.2	760.3	855.8	825.0	648.2	401.0	163.2	59.1

Growing Degree Units (Accumulated Monthly)												
40	89	223	556	1171	2071	3166	4394	5587	6553	7204	7508	7635
45	44	118	338	808	1553	2498	3571	4609	5425	5925	6119	6185
50	19	55	187	523	1114	1908	2826	3709	4375	4731	4841	4871
55	7	21	90	308	747	1392	2154	2882	3400	3629	3682	3692
60	1	6	37	160	457	952	1560	2133	2505	2635	2657	2659
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	44	120	316	697	1291	2051	2907	3732	4380	4781	4944	5003

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