

Current Location: Elev: 630 ft. Lat: 37.8175° N Lon: 82.7883° W
Station: **PAINTSVILLE 1E, KY US USC00156136**

Summary of Monthly Normals
1991-2020
Generated on 04/28/2024

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	44.1	22.9	33.5	4.5	4.8	4.4	1.3	0.5	0.2	0.0	0.0	0.0	667.6	728.9	821.4	976.2	0.0	0.0	10.6	5.8	24.4	0.8
02	48.7	25.6	37.2	4.8	4.2	4.3	5.5	3.4	1.6	0.3	0.0	0.0	505.3	559.2	641.3	780.1	0.0	0.0	13.3	3.1	20.9	0.3
03	58.1	31.7	44.9	4.8	3.4	4.0	29.9	19.9	9.8	1.8	0.1	0.0	343.0	395.0	477.8	624.8	0.0	0.0	22.4	0.6	17.4	0.0
04	69.6	40.7	55.1	3.2	2.5	2.6	117.0	87.6	52.0	17.1	2.9	1.3	112.5	143.1	197.6	312.7	0.0	0.2	28.3	0.0	5.6	0.0
05	76.2	51.4	63.8	3.6	3.6	3.4	291.1	239.6	170.6	81.1	22.6	10.2	18.3	28.8	52.8	118.3	0.0	0.8	30.9	0.0	0.2	0.0
06	83.4	60.1	71.7	2.3	1.8	1.8	502.5	442.8	354.1	214.2	97.6	62.4	0.1	0.3	1.6	11.9	0.0	4.4	30.0	0.0	0.0	0.0
07	86.2	64.6	75.4	2.4	2.0	1.9	632.3	570.3	477.3	323.3	176.9	124.4	0.0	0.0	0.0	0.9	0.1	7.9	31.0	0.0	0.0	0.0
08	85.7	63.4	74.5	3.0	2.2	2.3	606.0	544.0	451.0	297.6	156.4	108.6	0.0	0.0	0.1	1.7	0.0	7.6	31.0	0.0	0.0	0.0
09	79.8	55.9	67.9	3.6	2.8	2.7	390.8	334.5	253.8	136.9	53.9	31.9	5.3	9.0	18.4	51.5	0.0	3.3	30.0	0.0	0.0	0.0
10	69.8	43.1	56.5	2.7	3.0	2.1	134.6	102.9	63.6	21.7	5.0	2.6	89.6	119.9	173.7	286.8	0.0	0.2	30.1	0.0	3.0	0.0
11	58.4	32.0	45.2	4.9	2.7	3.4	19.7	12.0	5.3	0.7	0.0	0.0	313.6	365.9	449.2	594.6	0.0	0.0	22.2	0.2	15.7	0.0
12	48.0	27.5	37.7	5.4	3.2	4.2	3.7	1.9	0.5	0.0	0.0	0.0	538.4	598.6	690.2	844.7	0.0	0.0	13.7	2.9	22.6	0.0
Summary	67.3	43.2	55.3	3.8	3.0	3.1	2734	2359	1840	1095	515	341	2594	2949	3524	4604	0.1	24.4	293.5	12.6	109.8	1.1

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	3.35	10.0	6.7	2.2	0.8	2.13	2.90	4.44	
02	3.21	9.8	6.7	2.1	0.8	1.84	2.65	4.00	
03	4.41	11.4	8.6	3.2	1.1	2.95	3.80	5.88	
04	3.82	10.3	8.0	2.8	0.9	2.60	3.48	5.00	
05	4.43	11.9	8.9	3.3	0.9	3.01	4.59	5.54	
06	4.79	11.2	8.8	3.4	1.4	3.35	5.05	6.01	
07	5.18	10.2	8.3	3.6	1.5	3.89	5.19	6.10	
08	3.63	8.7	6.2	2.4	1.1	2.81	3.50	4.57	
09	3.35	7.6	5.8	2.1	1.1	1.99	2.79	4.85	
10	3.19	8.2	6.1	2.2	0.9	1.88	2.88	4.07	
11	3.00	7.9	6.1	2.1	0.6	2.12	2.71	3.76	
12	3.83	10.7	7.7	2.7	0.8	2.35	3.42	5.06	
Summary	46.19	117.9	87.9	32.1	11.9	30.92	42.96	59.28	

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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	56.3	80.1	216.7	462.0	737.8	952.4	1097.3	1070.9	835.4	512.4	205.3	85.4
45	23.5	37.5	127.7	327.5	583.4	802.4	942.3	915.9	685.6	366.5	113.9	37.6
50	7.3	15.2	66.3	209.6	431.8	652.5	787.3	761.0	536.6	236.5	54.1	14.0
55	1.3	5.5	29.9	117.0	291.1	502.5	632.3	606.0	390.8	134.6	19.7	3.7
60	0.2	1.6	9.8	52.0	170.6	354.1	477.3	451.0	253.8	63.6	5.3	0.5
Growing Degree Units for Corn (Monthly)												
50/86	43.9	63.7	158.2	304.7	463.6	634.9	753.7	727.0	536.4	320.6	147.0	57.8

Growing Degree Units (Accumulated Monthly)												
40	56	136	353	815	1553	2505	3603	4674	5509	6021	6227	6312
45	24	61	189	516	1100	1902	2844	3760	4446	4812	4926	4964
50	7	22	89	298	730	1383	2170	2931	3468	3704	3758	3772
55	1	7	37	154	445	947	1580	2186	2576	2711	2731	2734
60	0	2	12	64	234	588	1066	1517	1770	1834	1839	1840
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	44	108	266	570	1034	1669	2423	3150	3686	4007	4154	4212

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