

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 385 ft. Lat: 35.5497° N Lon: 89.7000° W

Station: COVINGTON 3 SW, TN US USC00402108

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	46.3	28.5	37.4	3.7	3.9	3.7	9.0	6.0	2.6	0.4	0.0	0.0	554.5	613.5	703.0	855.9	0.0	0.0	13.0	4.0	20.4	0.0
02	50.8	31.5	41.1	4.6	4.0	4.2	11.9	7.4	3.0	0.4	0.1	0.0	399.7	451.1	530.7	668.2	0.0	0.0	15.5	2.4	15.1	0.0
03	60.1	39.5	49.8	4.6	4.0	4.2	65.0	46.9	26.4	7.5	1.1	0.4	226.3	270.1	342.6	478.7	0.0	0.0	25.5	0.3	7.8	0.0
04	70.2	48.2	59.2	3.2	3.1	3.1	185.0	146.5	97.6	39.7	9.8	3.9	58.9	80.5	121.5	213.7	0.0	0.0	29.3	0.0	0.6	0.0
05	78.7	57.9	68.3	2.4	2.9	2.5	415.8	357.5	274.6	154.9	65.4	39.9	3.5	7.2	17.3	52.6	0.0	1.3	31.0	0.0	0.0	0.0
06	86.2	66.0	76.1	2.3	2.0	2.0	632.9	572.9	483.1	334.9	194.3	143.2	0.0	0.1	0.3	2.0	0.0	10.3	30.0	0.0	0.0	0.0
07	89.0	69.1	79.1	2.2	1.9	2.0	745.5	683.5	590.5	435.6	282.4	223.1	0.0	0.0	0.0	0.1	0.4	17.3	31.0	0.0	0.0	0.0
08	88.2	67.2	77.7	3.0	2.4	2.6	703.6	641.6	548.6	394.0	243.9	187.8	0.0	0.0	0.0	0.4	0.7	14.6	31.0	0.0	0.0	0.0
09	82.7	60.1	71.4	2.7	2.7	2.4	492.8	433.7	347.2	213.8	105.1	71.7	0.9	1.8	5.3	21.8	0.0	5.3	30.0	0.0	0.0	0.0
10	72.3	48.6	60.4	2.7	2.3	2.1	214.8	172.1	116.8	49.8	13.6	6.7	45.8	65.1	102.9	190.8	0.0	0.1	30.8	0.0	0.6	0.0
11	59.5	38.6	49.0	4.7	3.9	4.1	49.2	33.8	18.1	4.7	0.5	0.2	227.7	272.2	346.5	483.2	0.0	0.0	24.7	0.1	8.0	0.0
12	49.6	31.6	40.6	3.8	3.6	3.6	12.4	8.0	3.5	0.4	0.0	0.0	458.7	516.3	604.7	756.7	0.0	0.0	16.0	1.6	17.3	0.0
Summary	69.5	48.9	59.2	3.3	3.1	3.0	3538	3110	2512	1636	916	677	1976	2278	2775	3724	1.1	48.9	307.8	8.4	69.8	0.0

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	4.36	8.9	6.5	3.0	1.5	2.68	4.69	5.52
02	4.64	8.0	6.6	3.2	1.3	3.18	3.77	5.39
03	5.26	9.2	7.2	3.6	1.7	3.55	4.29	6.59
04	5.34	8.9	7.1	4.0	1.6	3.54	5.35	6.19
05	5.84	9.5	7.7	3.7	1.7	3.90	4.87	6.86
06	4.27	8.7	6.1	3.0	1.4	3.06	3.84	5.55
07	4.37	7.8	6.4	2.9	1.5	2.75	4.26	5.44
08	3.58	6.0	4.4	2.3	1.1	2.29	3.45	4.87
09	3.58	6.4	4.7	2.2	1.2	1.82	3.57	4.98
10	3.79	6.9	5.3	3.0	1.1	2.47	3.58	4.50
11	4.92	8.7	6.4	3.1	1.6	2.66	4.09	5.98
12	5.82	9.6	7.6	3.8	2.0	3.92	5.37	7.57
Summary	55.77	98.6	76.0	37.8	17.7	35.82	51.13	69.44

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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	0.70	0.7	0.5	0.1	0.0	0.0	1.1	0.2	0.0	0.0	0.00	0.00	1.80
02	0.60	0.5	0.2	0.1	0.0	0.0	0.7	0.2	0.0	0.0	0.00	0.00	0.30
03	0.90	0.2	0.1	0.1	0.0	0.0	0.1	0.0	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	0.00	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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	0.20	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
Summary	2.4	1.4	0.8	0.3	0.0	0.0	2.1	0.4	0.0	0.0	0.0	0.0	2.1

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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	99.2	139.8	334.0	577.7	877.3	1082.8	1210.4	1168.5	941.8	635.1	299.9	134.8
45	50.4	75.5	218.3	434.2	722.3	932.8	1055.4	1013.5	791.8	483.8	189.3	70.4
50	22.8	33.8	127.1	300.1	567.8	782.9	900.5	858.6	641.9	340.5	104.5	32.2
55	9.0	11.9	65.0	185.0	415.8	632.9	745.5	703.6	492.8	214.8	49.2	12.4
60	2.6	3.0	26.4	97.6	274.6	483.1	590.5	548.6	347.2	116.8	18.1	3.5
Growing Degree Units for Corn (Monthly)												
50/86	55.8	82.6	192.2	350.0	571.1	748.2	839.4	803.5	627.2	392.1	172.9	73.1
Growing Degree Units (Accumulated Monthly)												
40	99	239	573	1151	2028	3111	4321	5490	6432	7067	7367	7501
45	50	126	344	778	1501	2434	3489	4502	5294	5778	5967	6038
50	23	57	184	484	1052	1834	2735	3594	4236	4576	4680	4713
55	9	21	86	271	687	1320	2065	2769	3262	3476	3526	3538
60	3	6	32	130	404	887	1478	2026	2374	2490	2508	2512
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	56	138	331	681	1252	2000	2839	3643	4270	4662	4835	4908

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