

Summary of Monthly Normals
1991-2020

Current Location: Elev: 900 ft. Lat: 37.6528° N Lon: 84.7708° W
Station: DANVILLE, KY US USC00152040

Generated on 04/29/2024

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	42.7	23.3	33.0	4.4	4.3	4.2	2.5	1.4	0.5	0.0	0.0	0.0	684.2	745.3	837.4	991.8	0.0	0.0	9.2	6.6	24.6	0.9
02	47.1	25.8	36.4	5.3	5.0	5.0	5.1	2.7	0.9	0.0	0.0	0.0	524.4	578.1	660.3	799.4	0.0	0.0	12.3	4.0	20.9	0.3
03	56.3	33.3	44.8	4.6	3.6	4.0	29.5	19.9	10.6	1.9	0.2	0.1	345.6	398.1	481.8	628.1	0.0	0.0	21.9	0.7	15.6	0.1
04	67.5	43.6	55.5	3.1	3.3	3.1	122.6	93.6	57.8	19.3	4.3	1.7	106.1	137.1	191.3	302.8	0.0	0.0	28.8	0.0	3.8	0.0
05	75.4	54.1	64.7	3.2	3.5	3.2	315.6	262.6	191.2	95.0	31.6	16.6	13.4	22.4	43.9	102.7	0.0	0.4	31.0	0.0	0.2	0.0
06	83.4	61.4	72.4	2.3	2.2	2.0	522.0	462.2	373.4	231.8	110.6	72.5	0.1	0.3	1.4	9.9	0.1	4.4	30.0	0.0	0.0	0.0
07	86.5	65.3	75.9	2.5	2.0	2.1	647.8	585.8	492.9	338.5	189.4	135.7	0.0	0.0	0.0	0.7	0.2	9.2	31.0	0.0	0.0	0.0
08	86.0	63.7	74.8	3.0	2.2	2.4	615.2	553.3	460.4	306.6	162.9	113.8	0.0	0.0	0.1	1.3	0.1	8.7	31.0	0.0	0.0	0.0
09	80.2	56.8	68.5	3.7	2.4	2.7	407.7	351.0	269.5	150.4	64.1	40.2	2.8	6.1	14.5	45.5	0.1	3.5	30.0	0.0	0.0	0.0
10	68.6	44.8	56.7	2.8	2.0	2.2	139.7	106.8	66.4	24.2	7.0	3.8	87.1	116.1	168.7	281.5	0.0	0.3	30.1	0.0	2.0	0.0
11	55.8	34.0	44.9	4.4	3.3	3.7	21.6	13.8	6.5	1.4	0.1	0.0	324.5	376.8	459.4	604.3	0.0	0.0	21.2	0.2	13.9	0.0
12	46.1	28.0	37.1	4.9	3.9	4.3	4.5	2.3	0.7	0.0	0.0	0.0	560.9	620.7	712.1	866.4	0.0	0.0	12.3	3.9	22.1	0.0
Summary	66.3	44.5	55.4	3.7	3.1	3.2	2834	2455	1931	1169	570	384	2649	3001	3571	4634	0.5	26.5	288.8	15.4	103.1	1.3

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	11.2	6.4	2.4	0.9	2.81	3.74	4.58	
02	3.69	10.9	6.6	2.6	0.9	2.08	3.31	4.94	
03	4.61	11.7	7.5	3.2	1.1	2.96	4.05	5.71	
04	4.21	11.1	7.3	2.8	1.0	2.80	4.08	4.99	
05	4.42	11.4	7.7	3.0	1.2	3.18	3.88	4.69	
06	4.66	10.6	7.6	3.4	1.3	2.94	4.03	5.47	
07	5.00	10.5	7.6	3.6	1.5	3.08	4.79	6.21	
08	3.18	9.0	5.2	2.1	0.8	2.25	3.12	3.94	
09	3.72	7.3	4.7	2.3	1.1	1.51	2.80	5.60	
10	3.47	8.7	5.5	2.1	0.8	1.65	3.15	5.39	
11	3.01	9.2	6.1	2.3	0.6	1.89	2.81	3.87	
12	4.20	11.5	7.2	3.0	1.1	3.10	4.12	4.76	
Summary	47.85	123.1	79.4	32.8	12.3	30.25	43.88	60.15	

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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	51.0	77.6	215.6	471.0	767.2	971.8	1112.7	1080.1	854.8	520.2	199.9	81.6
45	21.5	37.2	125.3	333.8	612.5	821.9	957.8	925.2	704.9	373.8	111.2	37.9
50	8.3	15.6	65.1	215.2	460.0	671.8	802.8	770.2	555.1	243.2	53.5	14.7
55	2.5	5.1	29.5	122.6	315.6	522.0	647.8	615.2	407.7	139.7	21.6	4.5
60	0.5	0.9	10.6	57.8	191.2	373.4	492.9	460.4	269.5	66.4	6.5	0.7
Growing Degree Units for Corn (Monthly)												
50/86	30.7	50.6	129.8	278.8	475.9	652.9	766.8	733.0	548.9	308.8	113.2	41.8

Growing Degree Units (Accumulated Monthly)												
40	51	129	344	815	1582	2554	3667	4747	5602	6122	6322	6404
45	22	59	184	518	1130	1952	2910	3835	4540	4914	5025	5063
50	8	24	89	304	764	1436	2239	3009	3564	3807	3861	3875
55	2	8	37	160	475	997	1645	2260	2668	2808	2829	2834
60	0	1	12	70	261	634	1127	1588	1857	1924	1930	1931
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	31	81	211	490	966	1619	2386	3118	3667	3976	4089	4131

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