

Summary of Monthly Normals
1991-2020

Generated on 05/20/2024

Current Location: Elev: 392 ft. Lat: 37.0683° N Lon: 88.7719° W
Station: PADUCAH, KY US USW00003816

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	44.7	27.3	36.0	4.1	4.3	4.1	6.8	4.2	1.5	0.1	0.0	0.0	595.4	654.9	745.3	898.8	0.0	0.0	10.2	5.3	22.2	0.2
02	49.7	30.5	40.1	4.7	4.3	4.5	11.8	7.7	3.6	0.7	0.0	0.0	428.9	480.8	560.7	697.8	0.0	0.0	14.0	2.6	17.1	0.2
03	59.7	38.3	49.0	4.7	4.1	4.3	57.3	42.0	24.9	7.5	1.3	0.3	243.4	290.0	365.9	503.5	0.0	0.0	24.1	0.4	10.2	0.0
04	70.4	47.6	59.0	3.1	3.2	3.1	183.8	145.9	97.6	41.0	10.6	4.9	63.9	85.9	127.6	221.0	0.0	0.0	29.0	0.0	2.0	0.0
05	79.1	57.7	68.4	2.9	3.3	2.9	418.4	359.8	277.9	160.2	72.8	46.6	3.1	6.4	17.5	54.9	0.0	1.5	31.0	0.0	0.0	0.0
06	87.1	66.0	76.5	2.3	2.4	2.0	646.4	586.4	496.5	348.4	208.8	158.4	0.0	0.0	0.2	2.1	0.2	10.7	30.0	0.0	0.0	0.0
07	89.9	69.4	79.7	2.8	2.3	2.4	764.1	702.1	609.1	454.1	300.3	241.1	0.0	0.0	0.0	0.0	0.6	17.0	31.0	0.0	0.0	0.0
08	89.5	66.8	78.2	3.2	2.5	2.5	717.5	655.5	562.5	407.8	257.0	200.1	0.0	0.0	0.0	0.3	0.7	14.2	31.0	0.0	0.0	0.0
09	83.2	58.9	71.0	3.3	2.7	2.7	482.9	424.5	339.1	208.9	106.0	73.9	1.5	3.1	7.7	27.5	0.0	6.5	30.0	0.0	0.0	0.0
10	71.8	47.6	59.7	3.0	2.1	2.1	199.3	158.9	108.3	48.9	16.5	9.6	53.6	75.2	117.6	213.3	0.0	0.4	30.7	0.0	1.7	0.0
11	58.5	37.5	48.0	4.6	3.6	3.9	45.5	32.3	18.2	4.8	0.6	0.2	255.4	302.2	378.1	514.7	0.0	0.0	23.0	0.1	10.9	0.0
12	48.3	30.7	39.5	4.0	4.0	3.9	10.7	6.9	2.8	0.4	0.0	0.0	491.1	549.3	638.2	790.8	0.0	0.0	13.8	2.8	18.7	0.1
Summary	69.3	48.2	58.8	3.6	3.2	3.2	3544	3126	2542	1683	974	735	2136	2448	2959	3925	1.5	50.3	297.8	11.2	82.8	0.5

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 392 ft. Lat: 37.0683° N Lon: 88.7719° W
Station: **PADUCAH, KY US USW00003816**

Summary of Monthly Normals
1991-2020
Generated on 05/20/2024

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	3.85	10.4	6.3	2.5	0.9	2.57	3.66	4.74	
02	3.94	9.3	5.7	3.1	1.3	2.56	3.21	5.12	
03	4.64	11.2	7.7	2.9	1.2	3.28	3.91	6.29	
04	5.17	11.1	7.5	3.8	1.3	3.55	4.85	6.23	
05	4.87	11.5	8.0	3.2	1.4	3.35	5.06	6.03	
06	4.51	9.4	6.7	2.9	1.2	2.75	4.18	6.07	
07	4.30	8.7	5.8	2.7	1.4	2.18	3.26	6.93	
08	3.11	7.6	4.9	2.0	0.9	1.76	2.88	3.72	
09	3.55	6.9	4.5	2.3	1.1	1.14	3.46	5.06	
10	3.99	8.0	5.6	2.4	1.2	2.62	3.71	5.15	
11	4.09	9.5	6.3	2.9	1.2	2.35	3.08	5.58	
12	4.30	10.2	6.6	3.0	1.0	2.64	3.78	5.72	
Summary	50.32	113.8	75.6	33.7	14.1	30.75	45.04	66.64	

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 392 ft. Lat: 37.0683° N Lon: 88.7719° W
Station: **PADUCAH, KY US USW00003816**

Summary of Monthly Normals
1991-2020
Generated on 05/20/2024

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	2.70	2.3	0.8	0.3	0.1	0.0	2.4	0.9	0.4	0.0	0.20	1.20	4.20
02	3.00	2.1	0.8	0.3	0.2	0.0	2.4	1.5	0.6	0.1	0.10	0.70	4.00
03	1.10	0.9	0.2	0.2	0.0	0.0	0.5	0.4	0.2	0.0	0.00	0.00	0.70
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	0.10	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.20	0.3	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
12	1.80	1.3	0.4	0.2	0.0	0.0	1.6	0.5	0.2	0.1	0.00	0.20	2.10
Summary	8.9	7.0	2.3	1.0	0.3	0.0	7.1	3.3	1.4	0.2	0.3	2.1	11.0

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 392 ft. Lat: 37.0683° N Lon: 88.7719° W
Station: **PADUCAH, KY US USW00003816**

Summary of Monthly Normals
1991-2020
Generated on 05/20/2024

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	81.6	123.5	310.3	571.7	880.4	1096.3	1229.0	1182.4	931.3	612.1	275.0	118.5
45	40.5	66.1	198.4	428.6	725.4	946.3	1074.0	1027.5	781.4	460.9	171.0	60.7
50	18.4	30.8	114.6	296.4	570.5	796.4	919.1	872.5	631.5	319.2	94.8	27.3
55	6.8	11.8	57.3	183.8	418.4	646.4	764.1	717.5	482.9	199.3	45.5	10.7
60	1.5	3.6	24.9	97.6	277.9	496.5	609.1	562.5	339.1	108.3	18.2	2.8
Growing Degree Units for Corn (Monthly)												
50/86	45.1	73.7	185.3	353.4	575.4	752.5	847.7	805.3	614.7	382.5	161.9	61.9
Growing Degree Units (Accumulated Monthly)												
40	82	205	515	1087	1968	3064	4293	5475	6407	7019	7294	7412
45	40	107	305	734	1459	2405	3479	4507	5288	5749	5920	5981
50	18	49	164	460	1031	1827	2746	3619	4250	4569	4664	4692
55	7	19	76	260	678	1324	2089	2806	3289	3488	3534	3544
60	2	5	30	128	406	902	1511	2074	2413	2521	2539	2542
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	45	119	304	658	1233	1985	2833	3638	4253	4636	4798	4859

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.