

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 483 ft. Lat: 39.9036° N Lon: 91.4283° W

Station: QUINCY DAM 21, IL US USC00117077

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	35.1	18.9	27.0	4.5	4.7	4.4	0.2	0.0	0.0	0.0	0.0	0.0	868.0	929.7	1022.6	1177.6	0.0	0.0	4.3	12.0	27.4	2.6
02	40.4	22.7	31.6	5.8	6.0	5.8	1.7	0.9	0.3	0.0	0.0	0.0	658.2	713.4	796.8	936.5	0.0	0.0	6.8	7.1	23.3	1.4
03	51.8	32.0	41.9	4.9	4.5	4.6	23.2	16.4	9.0	2.5	0.1	0.0	429.3	484.5	570.1	718.5	0.0	0.0	16.8	1.8	17.0	0.2
04	64.4	42.9	53.6	3.7	3.5	3.4	99.6	74.4	45.4	15.6	2.9	1.1	140.1	175.0	236.0	356.2	0.0	0.0	27.1	0.0	3.3	0.0
05	74.1	54.2	64.1	3.5	3.1	3.2	299.9	248.7	179.9	91.9	35.9	21.7	16.3	27.1	51.3	118.3	0.0	0.8	31.0	0.0	0.0	0.0
06	83.4	63.9	73.6	2.5	2.1	2.1	559.5	499.8	411.2	269.9	145.6	104.5	0.1	0.4	1.9	10.6	0.1	6.7	30.0	0.0	0.0	0.0
07	87.2	67.6	77.4	2.8	2.4	2.5	694.3	632.3	539.3	384.8	235.9	181.2	0.0	0.0	0.0	0.6	0.8	11.3	31.0	0.0	0.0	0.0
08	85.6	65.7	75.7	2.5	2.7	2.5	640.1	578.1	485.1	331.9	188.4	138.6	0.0	0.0	0.1	1.9	0.5	8.3	31.0	0.0	0.0	0.0
09	78.9	57.1	68.0	3.6	3.1	3.2	395.7	340.2	260.8	148.6	68.0	46.0	5.8	10.3	21.0	58.8	0.1	4.0	30.0	0.0	0.0	0.0
10	66.6	45.4	56.0	3.1	2.5	2.5	135.5	104.2	66.7	26.6	8.0	4.6	104.5	135.3	190.8	305.6	0.0	0.3	28.7	0.0	2.1	0.0
11	52.5	33.8	43.2	5.6	4.0	4.6	22.3	15.0	6.9	1.2	0.2	0.1	377.8	430.5	512.4	656.7	0.0	0.0	17.2	1.4	14.0	0.0
12	40.2	24.5	32.3	4.5	4.6	4.4	1.4	0.8	0.2	0.0	0.0	0.0	703.4	764.9	857.2	1012.0	0.0	0.0	6.7	7.9	24.7	0.8
Summary	63.3	44.1	53.7	3.9	3.6	3.6	2873	2511	2005	1273	685	498	3304	3671	4260	5353	1.5	31.4	260.6	30.2	111.8	5.0

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	1.66	7.2	3.6	0.9	0.3	0.76	1.41	2.35	
02	1.91	6.6	4.2	1.4	0.3	1.19	1.75	2.40	
03	2.48	9.1	5.3	1.7	0.6	1.74	2.38	3.05	
04	4.22	10.5	6.9	2.5	1.0	3.07	4.28	5.30	
05	4.80	10.6	7.7	3.2	1.4	3.13	4.36	5.28	
06	4.12	9.3	6.7	3.3	1.4	1.66	3.68	5.75	
07	3.64	8.2	6.1	2.5	1.0	2.33	2.95	4.11	
08	3.33	7.0	4.8	2.0	1.1	1.89	3.15	4.48	
09	3.37	6.2	4.4	2.0	0.9	1.83	2.71	4.77	
10	2.65	8.2	5.2	2.2	0.7	1.49	2.00	3.36	
11	2.57	7.3	4.6	1.7	0.4	1.35	2.27	3.71	
12	1.73	6.9	4.1	1.2	0.3	1.02	1.51	2.46	
Summary	36.48	97.1	63.6	24.6	9.4	21.46	32.45	47.02	

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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	19.2	40.1	160.1	420.1	748.6	1009.3	1159.2	1104.9	839.9	499.8	180.8	40.3
45	6.3	17.0	88.8	290.2	594.0	859.2	1004.2	949.8	689.9	356.9	102.1	15.2
50	1.3	5.9	46.7	181.7	441.8	709.4	849.3	795.0	541.1	233.4	50.8	4.7
55	0.2	1.7	23.2	99.6	299.9	559.5	694.3	640.1	395.7	135.5	22.3	1.4
60	0.0	0.3	9.0	45.4	179.9	411.2	539.3	485.1	260.8	66.7	6.9	0.2
Growing Degree Units for Corn (Monthly)												
50/86	13.1	26.0	98.4	240.4	456.9	682.8	801.6	758.4	539.7	288.8	101.5	22.6

Growing Degree Units (Accumulated Monthly)												
40	19	59	219	640	1388	2397	3557	4662	5501	6001	6182	6222
45	6	23	112	402	996	1856	2860	3810	4499	4856	4958	4974
50	1	7	54	236	677	1387	2236	3031	3572	3806	3856	3861
55	0	2	25	125	425	984	1678	2318	2714	2850	2872	2873
60	0	0	9	55	235	646	1185	1670	1931	1998	2005	2005
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	13	39	138	378	835	1518	2319	3078	3617	3906	4008	4030

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