

Summary of Monthly Normals
1991-2020

Generated on 04/25/2024

Current Location: Elev: 420 ft. Lat: 37.9878° N Lon: 89.1931° W
Station: DU QUOIN 4 SE, IL US USC00112483

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	40.4	23.9	32.1	4.3	4.3	4.2	2.4	1.2	0.1	0.0	0.0	0.0	710.5	771.3	863.2	1018.1	0.0	0.0	7.9	7.3	24.2	0.9
02	45.7	27.7	36.7	5.3	4.8	4.9	4.4	2.4	0.7	0.1	0.0	0.0	516.7	570.7	653.1	792.4	0.0	0.0	11.2	4.0	18.9	0.2
03	55.9	36.1	46.0	4.9	4.3	4.5	38.2	27.1	14.8	3.7	0.4	0.1	317.2	368.1	448.8	592.7	0.0	0.0	21.8	0.5	11.4	0.0
04	67.5	46.1	56.8	3.1	3.0	3.0	142.5	109.8	70.1	25.5	5.2	2.1	88.6	115.8	166.1	271.6	0.0	0.0	28.6	0.0	2.3	0.0
05	76.1	56.1	66.1	3.2	3.2	3.1	352.4	297.3	221.0	116.7	43.9	25.1	8.3	15.2	31.9	82.6	0.0	1.2	31.0	0.0	0.0	0.0
06	84.4	64.3	74.3	2.1	2.4	2.0	580.4	520.5	431.0	285.8	154.5	110.4	0.0	0.1	0.7	5.5	0.2	8.4	30.0	0.0	0.0	0.0
07	87.2	67.6	77.4	2.9	2.4	2.5	694.3	632.3	539.3	384.4	234.4	178.9	0.0	0.0	0.0	0.1	0.6	13.4	31.0	0.0	0.0	0.0
08	86.4	64.9	75.7	3.3	2.6	2.7	640.0	578.0	485.1	331.6	188.1	138.0	0.0	0.0	0.1	1.6	0.3	10.4	31.0	0.0	0.0	0.0
09	80.0	56.6	68.3	3.1	3.3	2.9	403.0	346.5	265.5	148.3	65.0	42.1	4.1	7.6	16.5	49.4	0.0	4.2	30.0	0.0	0.0	0.0
10	69.0	46.0	57.5	3.2	2.5	2.5	155.4	121.0	78.5	30.6	8.4	4.7	78.0	105.6	156.1	263.2	0.0	0.2	30.3	0.0	2.4	0.0
11	55.0	35.5	45.2	4.9	3.9	4.2	28.0	18.4	8.9	1.7	0.1	0.0	320.4	370.8	451.3	594.1	0.0	0.0	20.3	0.5	12.3	0.0
12	44.4	28.0	36.2	4.4	4.2	4.2	4.6	2.5	0.8	0.1	0.0	0.0	587.3	647.2	738.5	892.7	0.0	0.0	10.7	4.3	21.1	0.3
Summary	66.0	46.1	56.0	3.7	3.4	3.4	3046	2657	2116	1328	700	501	2631	2972	3526	4564	1.1	37.8	283.8	16.6	92.6	1.4

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	3.16	7.9	6.1	2.0	0.8	1.85	3.05	4.43
02	2.90	7.4	5.7	2.2	0.6	1.66	2.46	3.84
03	4.39	9.6	7.6	3.3	1.0	2.87	3.92	5.72
04	5.35	10.0	8.2	3.5	1.3	3.02	4.25	6.57
05	5.51	10.7	8.2	3.6	1.9	4.26	5.07	6.74
06	4.79	8.6	6.7	2.9	1.4	3.28	4.29	5.71
07	3.94	7.4	6.0	2.8	1.2	2.41	3.68	5.06
08	3.30	7.2	5.7	2.2	1.0	1.65	2.32	4.63
09	3.40	6.4	5.1	2.2	0.9	1.38	2.29	5.10
10	3.66	7.4	5.9	2.3	1.0	1.98	3.04	4.93
11	4.07	8.1	6.4	2.5	1.2	2.33	3.86	4.93
12	3.24	7.8	6.0	2.4	0.9	2.01	2.87	4.81
Summary	47.71	98.5	77.6	31.9	13.2	28.70	41.10	62.47

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	3.80	2.0	1.7	0.5	0.1	0.0	5.6	2.7	1.6	0.0	0.40	3.00	6.50
02	3.20	1.8	1.7	0.3	0.1	0.0	3.7	1.2	0.5	0.0	0.30	1.80	5.00
03	0.70	0.4	0.3	0.2	0.1	0.1	0.4	0.2	0.1	0.0	0.00	0.00	0.60
04	0.10	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	0.20	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	0.30	0.2	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
12	3.60	1.4	1.2	0.5	0.1	0.0	3.6	2.7	1.5	0.0	0.00	2.00	4.00
Summary	11.9	6.0	5.2	1.5	0.4	0.1	13.6	6.8	3.7	0.0	0.7	6.8	16.1

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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	47.1	80.4	240.5	508.3	809.1	1030.3	1159.3	1104.9	848.9	544.6	216.3	74.7
45	19.6	38.0	146.3	369.1	654.1	880.3	1004.3	949.9	699.0	396.4	127.0	34.0
50	7.9	14.6	80.2	244.5	500.2	730.4	849.3	795.0	549.6	263.1	64.8	13.6
55	2.4	4.4	38.2	142.5	352.4	580.4	694.3	640.0	403.0	155.4	28.0	4.6
60	0.1	0.7	14.8	70.1	221.0	431.0	539.3	485.1	265.5	78.5	8.9	0.8
Growing Degree Units for Corn (Monthly)												
50/86	25.8	47.6	139.5	302.8	514.0	704.9	805.3	756.1	552.6	331.6	121.6	37.4

Growing Degree Units (Accumulated Monthly)												
40	47	128	368	876	1685	2716	3875	4980	5829	6373	6590	6664
45	20	58	204	573	1227	2107	3112	4062	4761	5157	5284	5318
50	8	22	103	347	847	1578	2427	3222	3772	4035	4100	4113
55	2	7	45	188	540	1120	1815	2455	2858	3013	3041	3046
60	0	1	16	86	307	738	1277	1762	2028	2106	2115	2116
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	26	73	213	516	1030	1735	2540	3296	3849	4180	4302	4339

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