

Summary of Monthly Normals
1991-2020

Current Location: Elev: 335 ft. Lat: 38.0733° N Lon: 88.1805° W
Station: **CARMI 3, IL US USC00111302**
Generated on 04/28/2024

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	41.1	21.2	31.2	4.6	4.6	4.4	1.8	0.9	0.2	0.0	0.0	0.0	741.0	802.1	894.3	1049.1	0.0	0.0	8.1	7.1	25.1	1.1
02	46.0	23.4	34.7	5.3	4.6	4.9	3.1	1.7	0.5	0.0	0.0	0.0	571.3	626.0	708.8	848.3	0.0	0.0	11.4	3.9	20.7	0.4
03	56.1	32.5	44.3	5.0	3.9	4.3	25.8	17.8	9.3	2.4	0.3	0.1	357.5	411.5	496.0	644.0	0.0	0.0	21.5	0.6	13.9	0.0
04	68.0	43.0	55.5	3.1	2.9	2.8	122.3	93.2	57.7	19.6	3.9	1.6	107.3	138.2	192.8	304.7	0.0	0.0	28.6	0.0	3.0	0.0
05	76.8	53.5	65.1	3.6	3.7	3.5	328.0	274.8	202.5	105.6	38.6	22.0	13.4	22.2	42.9	100.9	0.0	0.9	31.0	0.0	0.0	0.0
06	85.3	62.5	73.9	2.4	2.3	2.2	566.9	507.2	418.2	274.4	146.3	103.6	0.1	0.3	1.4	7.6	0.1	8.7	30.0	0.0	0.0	0.0
07	87.6	65.7	76.7	3.1	2.8	2.8	671.1	609.1	516.1	361.8	214.4	160.8	0.0	0.0	0.0	0.7	0.4	12.8	31.0	0.0	0.0	0.0
08	86.8	63.0	74.9	3.1	2.8	2.7	616.8	554.9	462.0	309.2	169.0	121.6	0.0	0.1	0.2	2.5	0.4	9.8	31.0	0.0	0.0	0.0
09	81.4	54.8	68.1	3.5	3.1	3.0	397.7	341.7	261.3	146.1	63.4	40.8	4.8	8.8	18.4	53.3	0.0	5.4	30.0	0.0	0.1	0.0
10	70.1	42.8	56.4	3.0	2.4	2.2	136.9	104.9	66.0	24.3	6.4	3.2	92.0	122.0	176.1	289.4	0.0	0.3	30.2	0.0	3.1	0.0
11	56.2	32.1	44.1	5.2	4.1	4.3	22.1	14.3	6.7	1.1	0.0	0.0	347.5	399.7	482.1	626.5	0.0	0.0	21.4	0.5	14.5	0.0
12	45.0	25.0	35.0	4.5	4.2	4.2	3.2	1.9	0.7	0.1	0.0	0.0	623.1	683.8	775.6	930.0	0.0	0.0	11.0	4.4	22.5	0.3
Summary	66.7	43.3	55.0	3.9	3.5	3.4	2896	2522	2001	1245	642	454	2858	3215	3789	4857	0.9	37.9	285.2	16.5	102.9	1.8

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	3.50	9.9	6.0	2.7	1.0	2.51	3.22	4.21
02	3.11	9.1	5.9	2.3	0.8	2.08	2.86	3.43
03	4.37	11.2	7.4	3.0	1.3	3.01	4.05	5.60
04	5.17	10.6	7.9	3.2	1.3	3.05	4.05	6.35
05	5.16	12.3	8.4	3.3	1.3	3.23	4.96	6.69
06	4.31	10.5	7.3	2.8	1.4	2.97	3.92	5.38
07	4.43	9.6	6.5	3.0	1.5	2.61	4.33	5.33
08	3.50	8.3	4.8	1.9	1.0	1.83	2.79	4.20
09	3.22	7.1	4.7	2.1	0.9	1.53	2.51	4.96
10	3.43	8.1	5.3	2.3	0.7	1.75	2.69	5.05
11	4.22	8.7	5.8	2.6	1.4	2.66	4.08	5.29
12	3.90	10.2	6.7	2.7	1.0	2.71	3.59	4.81
Summary	48.32	115.6	76.7	31.9	13.6	29.94	43.05	61.30

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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	2.50	2.5	1.5	0.4	0.2	0.0					1.10	1.90	2.90
02	4.90	2.4	1.9	0.5	0.2	0.1					0.00	3.80	5.60
03	1.80	0.5	0.4	0.2	0.2	0.0					0.00	0.00	0.40
04	0.00	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					0.00	0.00	0.00
06	0.00	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					0.00	0.00	0.00
08	0.00	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					0.00	0.00	0.00
10	0.20	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
11	0.20	0.2	0.0	0.0	0.0	0.0					0.00	0.00	0.00
12	2.10	1.8	1.5	0.7	0.3	0.1					0.40	1.90	3.00
Summary	11.7	7.4	5.3	1.8	0.9	0.2	0.0	0.0	0.0	0.0	1.5	7.6	11.9

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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	37.0	59.3	202.8	470.9	779.7	1016.7	1136.0	1081.7	842.8	513.1	193.6	61.0
45	15.3	25.8	116.3	333.6	624.8	866.7	981.0	926.7	692.9	366.7	109.1	27.3
50	6.1	9.6	58.5	214.7	471.8	716.7	826.0	771.7	543.5	238.8	53.3	10.2
55	1.8	3.1	25.8	122.3	328.0	566.9	671.1	616.8	397.7	136.9	22.1	3.2
60	0.2	0.5	9.3	57.7	202.5	418.2	516.1	462.0	261.3	66.0	6.7	0.7
Growing Degree Units for Corn (Monthly)												
50/86	27.6	50.4	137.6	296.4	497.1	687.5	779.6	730.1	548.1	332.5	126.2	40.5

Growing Degree Units (Accumulated Monthly)												
40	37	96	299	770	1550	2566	3702	4784	5627	6140	6334	6395
45	15	41	157	491	1116	1982	2964	3890	4583	4950	5059	5086
50	6	16	74	289	761	1477	2303	3075	3619	3857	3911	3921
55	2	5	31	153	481	1048	1719	2336	2734	2870	2892	2896
60	0	1	10	68	270	688	1204	1666	1928	1994	2000	2001
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	28	78	216	512	1009	1697	2476	3206	3754	4087	4213	4254

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