

Summary of Monthly Normals
1991-2020

Generated on 04/19/2024

Current Location: Elev: 630 ft. Lat: 39.1025° N Lon: 90.3431° W
Station: **JERSEYVILLE 2 SW, IL US USC00114489**

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	36.3	19.2	27.8	4.3	4.4	4.2	0.9	0.5	0.2	0.0	0.0	0.0	845.4	906.9	999.4	1154.4	0.0	0.0	5.3	11.6	27.4	2.4
02	41.5	22.8	32.2	5.5	5.4	5.3	2.0	1.2	0.6	0.0	0.0	0.0	641.7	696.9	780.2	919.7	0.0	0.0	7.9	6.2	23.2	1.1
03	52.5	31.8	42.2	5.1	4.5	4.7	24.2	16.9	8.9	2.1	0.2	0.0	422.6	477.2	562.2	710.4	0.0	0.0	18.1	1.4	17.4	0.2
04	64.8	42.1	53.4	3.9	2.9	3.2	98.3	73.9	44.6	15.3	3.1	1.2	144.8	180.4	241.1	361.8	0.0	0.1	27.2	0.0	4.8	0.0
05	74.3	53.8	64.1	3.3	3.4	3.2	299.7	248.8	180.7	91.7	34.0	19.6	19.2	30.3	55.3	121.2	0.0	0.6	30.8	0.0	0.1	0.0
06	82.9	62.8	72.8	2.3	2.1	2.1	535.6	476.2	388.3	248.8	129.4	90.8	0.2	0.8	3.0	13.5	0.0	5.5	30.0	0.0	0.0	0.0
07	86.5	66.0	76.2	3.0	2.4	2.5	658.7	596.7	503.6	349.7	204.8	153.4	0.0	0.0	0.1	1.0	0.3	10.7	31.0	0.0	0.0	0.0
08	85.2	63.3	74.2	2.8	3.0	2.7	596.7	534.7	442.1	290.6	156.9	112.5	0.0	0.1	0.5	4.0	0.1	8.1	31.0	0.0	0.0	0.0
09	79.2	54.7	66.9	3.4	3.3	3.1	366.9	312.0	235.4	128.8	56.2	36.8	8.5	13.6	27.1	70.4	0.1	3.7	30.0	0.0	0.1	0.0
10	67.2	43.3	55.2	2.9	2.4	2.3	123.3	94.1	60.5	23.3	6.9	3.8	115.5	148.4	207.8	325.6	0.0	0.2	29.3	0.0	4.2	0.0
11	52.8	33.0	42.9	5.6	4.0	4.6	20.2	13.0	6.2	1.4	0.2	0.0	383.2	436.0	519.1	664.3	0.0	0.0	17.9	1.3	15.1	0.0
12	41.2	24.2	32.7	4.4	4.4	4.2	1.6	0.8	0.2	0.0	0.0	0.0	692.8	754.0	846.3	1001.1	0.0	0.0	8.1	6.7	25.2	0.4
Summary	63.7	43.1	53.4	3.9	3.5	3.5	2728	2369	1871	1152	592	418	3274	3645	4242	5347	0.5	28.9	266.6	27.2	117.5	4.1

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	2.45	7.7	4.6	1.7	0.6	1.05	2.21	3.19	
02	2.31	7.3	4.7	1.6	0.5	1.26	2.27	3.16	
03	3.17	9.7	6.6	2.4	0.6	2.04	3.07	4.02	
04	4.55	10.8	7.5	3.3	1.3	2.76	3.99	6.13	
05	5.29	12.2	8.5	3.3	1.5	3.32	4.63	6.02	
06	4.12	9.2	6.9	2.9	1.1	2.24	3.77	5.63	
07	3.56	7.5	5.7	2.4	1.0	2.02	3.05	4.98	
08	3.72	7.3	5.3	2.2	1.1	2.09	3.68	4.85	
09	3.44	6.8	5.0	2.5	1.0	2.04	2.97	3.86	
10	3.29	8.2	5.8	2.1	0.8	2.19	2.65	3.82	
11	3.67	8.7	6.1	2.6	1.0	2.17	3.40	4.93	
12	2.65	7.9	4.8	1.5	0.6	1.35	2.14	3.34	
Summary	42.22	103.3	71.5	28.5	11.1	24.53	37.83	53.93	

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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	4.30	2.4	1.9	0.6	0.4	0.0	8.1	3.5	2.0	0.4	1.20	3.80	5.90
02	3.70	1.8	1.3	0.6	0.3	0.0	4.4	2.6	1.6	0.1	0.70	2.00	4.30
03	1.60	0.8	0.5	0.2	0.1	0.0	1.3	0.4	0.2	0.1	0.00	0.90	1.20
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.70	0.5	0.3	0.1	0.0	0.0	0.7	0.2	0.0	0.0	0.00	0.00	1.00
12	2.20	1.6	0.8	0.3	0.1	0.0	3.3	1.7	1.1	0.0	0.00	1.10	4.50
Summary	12.5	7.1	4.8	1.8	0.9	0.0	17.8	8.4	4.9	0.6	1.9	7.8	16.9

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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	22.8	45.7	168.4	415.7	745.5	985.3	1123.6	1061.6	808.4	478.2	173.9	43.4
45	8.2	20.5	96.1	287.4	591.0	835.3	968.6	906.6	658.7	337.0	96.8	17.2
50	2.7	7.4	51.0	179.9	440.2	685.3	813.6	751.6	510.7	217.0	48.7	5.5
55	0.9	2.0	24.2	98.3	299.7	535.6	658.7	596.7	366.9	123.3	20.2	1.6
60	0.2	0.6	8.9	44.6	180.7	388.3	503.6	442.1	235.4	60.5	6.2	0.2
Growing Degree Units for Corn (Monthly)												
50/86	15.5	33.0	107.8	248.0	461.6	666.0	774.4	720.9	521.7	293.4	103.0	26.1

Growing Degree Units (Accumulated Monthly)												
40	23	68	237	653	1398	2383	3507	4569	5377	5855	6029	6072
45	8	29	125	412	1003	1838	2807	3714	4372	4709	4806	4823
50	3	10	61	241	681	1366	2180	2932	3442	3659	3708	3714
55	1	3	27	125	425	961	1619	2216	2583	2706	2727	2728
60	0	1	10	54	235	623	1127	1569	1804	1865	1871	1871
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	16	48	156	404	866	1532	2306	3027	3549	3842	3945	3971

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