

Summary of Monthly Normals
1991-2020

Generated on 04/26/2024

Current Location: Elev: 822 ft. Lat: 42.3994° N Lon: 90.3861° W

Station: **GALENA, IL US USC00113312**

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	26.9	10.0	18.5				0.0	0.0	0.0	0.0	0.0	0.0	1132.4	1194.3	1287.3	1442.6	0.0	0.0	1.0	18.9	30.6	8.8
02	31.4	13.6	22.5				0.0	0.0	0.0	0.0	0.0	0.0	909.7	965.6	1049.6	1189.8	0.0	0.0	1.6	15.7	27.1	6.3
03	44.5	24.4	34.5				12.2	8.8	4.8	0.5	0.0	0.0	649.2	707.9	796.9	947.6	0.0	0.0	10.2	6.2	23.3	1.1
04	57.4	36.2	46.8				30.1	19.6	9.4	2.1	0.1	0.0	276.2	325.7	405.5	548.1	0.0	0.0	21.4	0.7	11.3	0.0
05	68.9	47.4	58.2				166.0	128.5	80.0	28.6	6.1	2.5	68.4	92.9	137.4	241.1	0.0	0.3	29.8	0.0	1.0	0.0
06	78.2	58.3	68.3				398.7	340.1	255.1	129.8	46.7	26.3	1.5	2.9	7.9	32.5	0.0	1.3	30.0	0.0	0.0	0.0
07	82.0	61.7	71.9				522.1	460.0	367.4	219.4	97.6	62.6	0.0	0.0	0.4	7.2	0.1	2.7	31.0	0.0	0.0	0.0
08	80.3	59.5	69.9				461.8	399.9	308.1	168.3	64.8	37.1	0.1	0.3	1.5	16.6	0.0	1.0	31.0	0.0	0.0	0.0
09	74.1	50.5	62.3				244.7	198.3	136.4	59.9	17.6	8.8	26.0	39.5	67.6	141.1	0.0	0.8	29.9	0.0	0.1	0.0
10	60.9	39.3	50.1				56.6	40.2	21.7	5.9	0.9	0.4	208.6	254.3	328.7	467.9	0.0	0.0	25.9	0.0	7.7	0.0
11	45.6	27.7	36.7				4.0	2.1	0.5	0.0	0.0	0.0	554.5	612.6	701.0	850.6	0.0	0.0	9.8	5.5	21.1	0.0
12	32.6	16.8	24.7				0.0	0.0	0.0	0.0	0.0	0.0	939.0	1001.0	1094.0	1249.1	0.0	0.0	2.5	12.1	27.8	2.4
Summary	56.9	37.1	47.0	0.0	0.0	0.0	1896	1598	1183	614	234	138	4766	5197	5878	7134	0.1	6.1	224.1	59.1	150.0	18.6

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	1.23	8.5	3.8	0.3	0.0	0.71	1.19	1.63
02	1.53	7.6	4.3	0.6	0.2	0.87	1.33	2.02
03	2.25	8.9	4.9	1.5	0.2	1.23	1.89	3.01
04	3.89	11.0	7.3	2.6	1.1	2.12	3.86	4.70
05	4.38	13.0	8.3	2.6	1.0	2.84	4.48	5.96
06	6.02	11.8	8.3	3.5	1.7	4.44	5.46	7.95
07	4.93	9.3	6.1	2.8	1.5	2.67	3.96	5.63
08	4.19	9.8	6.0	2.6	1.0	2.69	3.23	5.50
09	3.86	9.1	5.9	2.6	1.1	1.97	3.49	4.55
10	3.02	9.4	5.5	2.4	0.8	1.84	3.08	3.86
11	2.48	8.4	5.1	1.5	0.7	1.29	1.93	3.23
12	1.82	9.2	4.5	0.8	0.2	1.06	1.49	2.26
Summary	39.60	116.0	70.0	23.8	9.5	23.73	35.39	50.30

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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	10.30	7.2	3.5	1.2	0.4	0.0	20.0	14.9	9.1	1.8	5.40	8.50	14.70
02	9.00	5.9	3.1	1.0	0.3	0.1	16.9	11.5	7.5	2.3	3.30	8.00	12.80
03	5.10	3.6	1.7	0.4	0.2	0.0	6.2	3.3	1.9	0.1	3.00	4.20	7.80
04	1.30	0.7	0.5	0.1	0.0	0.0	0.6	0.2	0.0	0.0	0.00	0.00	2.40
05	0.30	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	0.40	0.1	0.1	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
11	2.00	1.5	0.7	0.3	0.1	0.0	2.2	0.6	0.1	0.0	0.00	0.80	3.20
12	9.50	5.8	3.2	1.0	0.4	0.0	13.1	9.1	5.8	1.2	1.70	8.00	14.50
Summary	37.9	24.8	12.8	4.1	1.4	0.1	59.2	39.7	24.4	5.4	13.4	29.5	55.4

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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	1.9	9.6	79.9	243.9	563.0	847.1	987.0	926.6	668.8	330.1	78.8	7.0
45	0.1	2.8	43.2	142.2	412.5	697.1	832.0	771.5	520.0	209.3	35.4	1.8
50	0.0	0.3	23.4	72.0	277.0	547.5	677.0	616.6	376.1	118.3	12.6	0.0
55	0.0	0.0	12.2	30.1	166.0	398.7	522.1	461.8	244.7	56.6	4.0	0.0
60	0.0	0.0	4.8	9.4	80.0	255.1	367.4	308.1	136.4	21.7	0.5	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.2	6.9	51.7	144.0	326.9	546.7	664.1	612.1	414.1	191.4	43.4	3.6

Growing Degree Units (Accumulated Monthly)												
40	2	12	91	335	898	1745	2732	3659	4328	4658	4737	4744
45	0	3	46	188	601	1298	2130	2901	3421	3631	3666	3668
50	0	0	24	96	373	920	1597	2214	2590	2708	2721	2721
55	0	0	12	42	208	607	1129	1591	1836	1892	1896	1896
60	0	0	5	14	94	349	717	1025	1161	1183	1183	1183
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	8	60	204	531	1077	1742	2354	2768	2959	3002	3006

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