

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 1027 ft. Lat: 36.8061° N Lon: 93.4678° W
Station: **GALENA, MO US USC00233094**

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	45.0	21.9	33.4	4.0	3.9	3.7	2.5	1.4	0.6	0.1	0.0	0.0	670.4	731.2	823.4	977.9	0.0	0.0	12.0	5.2	26.5	1.0
02	49.7	25.5	37.6	4.6	3.5	3.8	5.6	3.5	1.4	0.1	0.0	0.0	492.8	546.6	628.6	767.3	0.0	0.0	14.5	2.2	21.8	0.3
03	58.9	33.9	46.4	4.6	3.5	3.9	38.3	26.7	14.6	4.0	0.5	0.1	304.9	355.3	436.2	580.6	0.0	0.0	23.3	0.7	15.3	0.0
04	68.5	43.2	55.8	3.2	2.7	2.8	130.6	100.4	62.6	21.3	3.9	1.5	105.1	134.9	187.1	295.8	0.0	0.1	28.5	0.0	5.0	0.0
05	76.6	53.2	64.9	2.8	3.0	2.7	322.0	269.3	197.2	100.0	34.6	18.1	15.1	24.4	45.2	103.0	0.0	0.8	30.9	0.0	0.3	0.0
06	85.1	62.6	73.8	2.9	2.1	2.3	565.7	505.9	416.9	273.4	144.4	100.4	0.3	0.6	1.5	8.1	0.2	7.3	30.0	0.0	0.0	0.0
07	89.3	66.1	77.7	3.1	2.6	2.5	703.7	641.7	548.6	394.3	245.8	189.9	0.0	0.0	0.0	0.7	1.5	17.1	31.0	0.0	0.0	0.0
08	89.2	65.2	77.2	3.4	3.0	3.0	688.0	626.0	533.1	379.6	234.4	182.3	0.0	0.0	0.1	1.6	1.8	15.9	31.0	0.0	0.0	0.0
09	81.7	55.9	68.8	3.7	3.4	3.1	419.8	363.6	282.7	165.0	75.5	50.1	5.8	9.7	18.7	51.0	0.5	5.8	30.0	0.0	0.1	0.0
10	70.4	44.2	57.3	2.9	2.4	2.2	153.4	118.1	74.7	28.3	7.2	3.6	82.1	108.9	158.4	267.0	0.0	0.4	30.2	0.0	3.7	0.0
11	58.2	33.0	45.6	5.2	3.9	4.3	29.2	19.6	10.1	1.9	0.1	0.1	311.2	361.6	442.1	583.9	0.0	0.0	23.0	0.5	15.2	0.0
12	47.3	25.5	36.4	3.9	3.5	3.3	3.7	2.2	0.8	0.1	0.0	0.0	580.2	640.7	732.2	886.5	0.0	0.0	14.4	3.1	24.5	0.2
Summary	68.3	44.2	56.2	3.7	3.1	3.1	3062	2678	2143	1368	746	546	2568	2914	3474	4523	4.0	47.4	298.8	11.7	112.4	1.5

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	2.48	6.6	4.1	1.6	0.7	1.65	2.56	3.11
02	2.68	5.7	4.0	1.6	0.6	1.42	2.40	3.82
03	4.39	8.7	6.6	3.0	1.0	3.30	4.23	5.25
04	5.12	9.2	6.9	2.9	1.4	2.72	4.32	6.33
05	5.46	10.6	7.6	3.7	1.1	3.97	4.94	6.27
06	4.28	9.3	6.6	3.0	1.2	2.11	3.44	5.91
07	4.14	8.1	5.6	2.6	1.3	2.50	3.99	5.36
08	2.98	6.7	4.6	2.0	1.0	1.73	2.61	3.72
09	4.28	7.6	5.4	3.0	1.6	2.23	3.46	5.10
10	3.69	7.9	5.2	2.1	0.7	2.16	3.14	4.39
11	4.32	7.4	5.3	2.7	1.3	1.75	3.98	6.06
12	2.74	6.0	4.1	1.7	0.5	1.71	2.41	3.45
Summary	46.56	93.8	66.0	29.9	12.4	27.25	41.48	58.77

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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	3.60	1.1	0.8	0.4	0.2	0.0					0.00	1.00	5.00
02	1.10	0.9	0.5	0.2	0.0	0.0					0.00	0.00	1.70
03	1.40	0.4	0.2	0.1	0.0	0.0					0.00	0.00	0.50
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	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
11	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
12	0.80	0.5	0.4	0.1	0.0	0.0					0.00	0.00	1.00
Summary	6.9	2.9	1.9	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	8.2

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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	54.4	86.3	251.9	481.6	772.0	1015.3	1168.6	1153.0	864.0	539.7	224.8	71.3
45	23.1	42.2	152.5	346.1	617.5	865.3	1013.6	998.0	714.3	393.1	132.4	32.5
50	8.2	17.2	81.8	226.5	465.5	715.3	858.6	843.0	565.6	260.9	67.7	12.5
55	2.5	5.6	38.3	130.6	322.0	565.7	703.7	688.0	419.8	153.4	29.2	3.7
60	0.6	1.4	14.6	62.6	197.2	416.9	548.6	533.1	282.7	74.7	10.1	0.8
Growing Degree Units for Corn (Monthly)												
50/86	48.2	73.6	176.0	303.3	492.3	686.8	789.3	770.8	563.9	346.3	158.2	57.2

Growing Degree Units (Accumulated Monthly)												
40	54	141	393	874	1646	2662	3830	4983	5847	6387	6612	6683
45	23	65	218	564	1181	2047	3060	4058	4773	5166	5298	5331
50	8	25	107	334	799	1514	2373	3216	3782	4043	4110	4123
55	2	8	46	177	499	1065	1768	2456	2876	3030	3059	3062
60	1	2	17	79	276	693	1242	1775	2058	2132	2142	2143
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	48	122	298	601	1093	1780	2570	3340	3904	4250	4409	4466

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