

Summary of Monthly Normals
1991-2020

Current Location: Elev: 879 ft. Lat: 38.6278° N Lon: 92.5567° W
Station: CALIFORNIA, MO US USC00231189
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	39.8	19.7	29.8	4.3	4.3	4.1	1.2	0.7	0.3	0.0	0.0	0.0	783.7	845.3	937.7	1092.4	0.0	0.0	7.0	9.5	26.5	1.8
02	45.1	23.9	34.5	5.6	4.9	5.1	4.1	2.3	0.9	0.2	0.0	0.0	578.1	632.3	714.8	854.1	0.0	0.0	10.1	5.7	21.8	0.6
03	55.3	33.4	44.4	5.0	4.6	4.6	34.2	24.0	12.7	3.3	0.3	0.2	364.4	416.2	497.9	643.4	0.0	0.0	19.6	1.4	14.2	0.2
04	66.0	43.5	54.8	3.5	3.4	3.3	116.3	88.4	54.6	18.7	3.6	1.3	123.8	155.9	212.1	326.3	0.0	0.0	27.4	0.0	3.3	0.0
05	74.9	54.3	64.6	3.3	3.2	3.1	313.9	261.8	190.4	96.0	34.0	19.1	16.3	26.2	47.8	108.4	0.0	0.3	30.8	0.0	0.0	0.0
06	83.5	63.3	73.4	2.4	2.1	2.1	552.1	492.5	403.7	261.0	134.8	93.1	0.2	0.6	1.9	9.2	0.1	4.3	30.0	0.0	0.0	0.0
07	87.8	67.4	77.6	3.3	2.2	2.6	700.5	638.5	545.5	391.0	241.7	186.3	0.0	0.0	0.0	0.5	1.0	11.5	31.0	0.0	0.0	0.0
08	87.1	65.7	76.4	3.4	2.6	2.8	663.3	601.3	508.2	355.0	210.9	159.8	0.0	0.0	0.1	1.8	0.8	10.4	31.0	0.0	0.0	0.0
09	79.8	57.2	68.5	2.9	3.2	2.8	411.0	354.7	273.9	158.0	73.2	48.6	6.0	9.7	19.0	53.2	0.0	3.2	30.0	0.0	0.0	0.0
10	68.2	45.2	56.7	3.2	2.5	2.6	148.2	115.3	74.5	29.0	7.4	3.7	95.5	124.6	176.8	286.4	0.0	0.1	29.0	0.0	2.4	0.0
11	54.8	34.2	44.5	5.4	4.2	4.7	27.8	19.3	10.3	2.4	0.2	0.1	342.8	394.3	475.3	617.4	0.0	0.0	19.3	1.1	12.7	0.1
12	43.8	24.9	34.3	4.0	4.0	3.9	2.9	1.5	0.5	0.0	0.0	0.0	643.0	703.6	795.5	950.0	0.0	0.0	9.7	6.4	23.5	0.6
Summary	65.5	44.4	55.0	3.9	3.4	3.5	2976	2600	2076	1315	706	512	2954	3309	3879	4943	1.9	29.8	274.9	24.1	104.4	3.3

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	2.01	6.6	4.4	1.1	0.6	0.91	1.75	2.64	
02	2.31	6.5	4.1	1.4	0.4	1.22	2.21	3.21	
03	2.97	9.1	6.9	2.0	0.5	2.08	3.15	3.63	
04	4.90	10.5	7.3	3.6	1.5	3.61	4.66	6.19	
05	4.98	11.6	8.2	3.3	1.4	3.07	5.01	6.23	
06	4.41	9.0	6.9	3.0	1.7	2.65	3.91	6.22	
07	4.71	8.0	6.1	3.0	1.8	1.93	4.22	5.97	
08	3.88	7.4	5.2	2.5	1.3	2.25	3.55	5.18	
09	4.11	7.0	5.3	2.7	1.2	1.86	2.83	6.02	
10	3.78	8.6	6.0	2.7	1.2	1.96	3.31	4.53	
11	3.17	7.3	5.4	1.9	0.7	1.48	2.35	3.88	
12	1.92	6.5	4.1	1.2	0.5	0.90	1.58	2.28	
Summary	43.15	98.1	69.9	28.4	12.8	23.92	38.53	55.98	

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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	3.30	2.1	1.3	0.4	0.1	0.0					1.20	2.70	4.40
02	1.80	1.5	1.0	0.2	0.1	0.0					0.00	1.30	2.80
03	0.70	0.4	0.3	0.2	0.1	0.0					0.00	0.00	0.00
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	0.40	0.2	0.1	0.0	0.0	0.0					0.00	0.00	0.30
12	3.50	1.4	1.1	0.3	0.0	0.0					0.00	1.50	5.60
Summary	9.7	5.6	3.8	1.1	0.3	0.0	0.0	0.0	0.0	0.0	1.2	5.5	13.1

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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	35.5	69.2	215.4	452.3	762.7	1001.8	1165.5	1128.2	854.9	522.1	208.0	60.9
45	13.9	33.4	129.2	320.8	608.2	851.9	1010.5	973.2	705.0	378.5	121.3	27.0
50	4.1	13.7	71.7	206.5	456.5	701.9	855.5	818.2	556.2	251.3	62.2	10.4
55	1.2	4.1	34.2	116.3	313.9	552.1	700.5	663.3	411.0	148.2	27.8	2.9
60	0.3	0.9	12.7	54.6	190.4	403.7	545.5	508.2	273.9	74.5	10.3	0.5
Growing Degree Units for Corn (Monthly)												
50/86	27.0	51.7	139.4	268.8	476.0	681.5	802.1	767.8	556.0	314.2	123.1	38.5
Growing Degree Units (Accumulated Monthly)												
40	36	105	320	772	1535	2537	3702	4831	5686	6208	6416	6476
45	14	47	176	497	1106	1957	2968	3941	4646	5025	5146	5173
50	4	18	90	296	752	1454	2310	3128	3684	3936	3998	4008
55	1	5	40	156	470	1022	1722	2386	2797	2945	2973	2976
60	0	1	14	68	259	663	1208	1716	1990	2065	2075	2076
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	27	79	218	487	963	1644	2446	3214	3770	4084	4208	4246

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