

Summary of Monthly Normals
1991-2020

Generated on 05/01/2024

Current Location: Elev: 915 ft. Lat: 37.8642° N Lon: 94.0156° W
Station: **ELDORADO SPRINGS, MO US USC00232511**

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	42.2	21.9	32.0	4.3	4.2	4.0	2.0	1.2	0.4	0.0	0.0	0.0	713.2	774.4	866.7	1021.2	0.0	0.0	9.8	6.5	25.9	1.0
02	47.6	25.8	36.7	5.2	4.3	4.6	5.7	3.2	1.2	0.1	0.0	0.0	518.0	571.6	653.6	792.5	0.0	0.0	13.1	3.5	20.6	0.3
03	57.4	34.5	45.9	4.8	4.5	4.4	40.3	28.3	15.5	4.3	0.3	0.1	320.8	370.9	451.0	594.9	0.0	0.0	22.6	1.1	12.9	0.1
04	67.3	44.0	55.6	3.4	3.5	3.3	123.5	93.9	57.9	20.3	3.8	1.5	104.0	134.4	188.4	300.8	0.0	0.1	28.4	0.0	3.2	0.0
05	75.3	53.9	64.6	2.9	3.0	2.8	310.8	257.7	185.3	90.1	29.4	16.0	13.2	22.1	42.7	102.5	0.0	0.3	30.8	0.0	0.1	0.0
06	83.9	63.5	73.7	2.6	2.4	2.3	561.1	501.4	412.6	269.1	140.4	97.9	0.2	0.5	1.7	8.3	0.0	6.1	30.0	0.0	0.0	0.0
07	89.0	67.9	78.4	3.2	2.5	2.6	726.8	664.9	571.9	417.0	266.5	209.7	0.0	0.0	0.0	0.2	1.7	15.8	31.0	0.0	0.0	0.0
08	88.3	66.1	77.2	3.8	2.8	3.1	688.0	626.1	533.2	379.4	234.9	183.3	0.0	0.0	0.1	1.4	2.3	14.7	31.0	0.0	0.0	0.0
09	80.6	57.8	69.2	2.9	3.4	3.0	431.6	375.3	294.1	174.0	82.5	56.1	5.7	9.3	18.1	48.0	0.3	5.2	30.0	0.0	0.1	0.0
10	69.9	46.2	58.0	3.1	2.3	2.5	169.9	132.6	87.4	35.0	9.2	4.6	75.4	100.1	147.9	250.5	0.0	0.2	29.9	0.0	2.3	0.0
11	56.9	35.1	46.0	4.9	4.1	4.2	34.0	23.5	12.8	3.1	0.3	0.0	303.9	353.4	432.8	573.0	0.0	0.0	22.4	0.5	12.1	0.0
12	45.9	26.7	36.3	4.1	3.9	3.8	5.1	3.0	1.3	0.2	0.0	0.0	584.6	644.6	735.9	889.7	0.0	0.0	13.1	3.9	22.4	0.2
Summary	67.0	45.3	56.1	3.8	3.4	3.4	3099	2711	2174	1393	767	569	2639	2981	3539	4583	4.3	42.4	292.1	15.5	99.6	1.6

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	2.13	7.8	3.8	1.2	0.3	1.01	1.96	2.74
02	2.32	7.5	4.3	1.5	0.7	1.12	2.12	3.53
03	3.35	10.0	6.7	2.3	0.8	2.29	3.04	4.76
04	5.36	11.8	7.4	3.6	1.6	3.12	4.44	5.87
05	6.85	13.1	8.8	4.5	2.3	4.81	6.41	8.01
06	5.69	11.4	7.6	3.9	2.0	2.96	5.33	7.50
07	4.29	9.4	5.9	2.9	1.6	1.82	3.77	6.30
08	3.93	8.4	5.2	2.6	1.2	1.83	4.10	5.81
09	4.73	9.6	6.0	3.0	1.7	2.25	3.81	6.80
10	3.66	10.2	6.4	2.3	1.2	1.94	3.21	4.91
11	3.66	9.5	5.6	2.4	1.2	2.00	3.09	4.88
12	2.70	8.3	4.8	1.7	0.7	1.27	2.30	3.11
Summary	48.67	117.0	72.5	31.9	15.3	26.42	43.58	64.22

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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	1.30	0.9	0.6	0.1	0.1	0.0	1.0	0.7	0.3	0.0	0.00	0.00	1.00
02	0.10	0.2	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
03	0.30	0.3	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
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	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	0.10	0.6	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	2.0	2.0	1.2	0.2	0.2	0.0	1.4	0.8	0.3	0.0	0.0	0.0	1.0

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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	46.1	85.9	249.0	475.8	762.8	1010.8	1191.8	1153.0	876.0	563.1	237.7	78.3
45	18.2	42.5	152.9	339.6	608.1	860.9	1036.9	998.1	726.3	416.0	141.9	35.2
50	6.3	17.8	84.0	219.8	455.2	710.9	881.8	843.0	577.4	281.9	74.5	14.7
55	2.0	5.7	40.3	123.5	310.8	561.1	726.8	688.0	431.6	169.9	34.0	5.1
60	0.4	1.2	15.5	57.9	185.3	412.6	571.9	533.2	294.1	87.4	12.8	1.3
Growing Degree Units for Corn (Monthly)												
50/86	35.6	62.5	160.7	287.7	478.2	692.0	815.8	777.9	573.6	345.3	143.0	50.2

Growing Degree Units (Accumulated Monthly)												
40	46	132	381	857	1620	2630	3822	4975	5851	6414	6652	6730
45	18	61	214	553	1161	2022	3059	4057	4784	5200	5341	5377
50	6	24	108	328	783	1494	2376	3219	3796	4078	4153	4167
55	2	8	48	172	482	1043	1770	2458	2890	3060	3094	3099
60	0	2	17	75	260	673	1245	1778	2072	2160	2172	2174
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	36	98	259	546	1025	1717	2532	3310	3884	4229	4372	4422

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