

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 1420 ft. Lat: 36.8617° N Lon: 93.9625° W

Station: MONETT 4SW, MO US USC00235704

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	44.1	23.9	34.0	4.1	3.8	3.8	3.1	1.9	0.9	0.1	0.0	0.0	654.0	714.7	806.7	960.8	0.0	0.0	11.0	6.5	24.2	0.8
02	48.7	27.5	38.1	4.9	4.2	4.4	8.1	4.6	1.6	0.2	0.0	0.0	481.2	533.8	614.8	753.2	0.0	0.0	13.0	3.5	18.7	0.3
03	57.6	35.9	46.8	4.7	4.3	4.3	42.3	29.2	15.5	4.5	0.5	0.2	298.1	346.9	426.3	570.2	0.0	0.0	22.1	0.9	10.7	0.1
04	67.4	45.3	56.4	3.3	3.6	3.4	139.7	107.3	67.9	24.7	4.6	1.5	99.2	126.9	177.4	284.3	0.0	0.0	28.0	0.0	2.5	0.0
05	75.2	54.8	65.0	3.3	3.0	3.0	323.4	269.7	196.1	96.9	32.6	17.1	13.4	21.7	41.1	96.9	0.0	0.2	30.8	0.0	0.1	0.0
06	83.3	63.7	73.5	2.9	2.2	2.5	555.1	495.3	406.1	262.3	134.0	91.1	0.2	0.4	1.3	7.4	0.0	3.2	30.0	0.0	0.0	0.0
07	88.3	67.7	78.0	3.2	2.3	2.6	712.9	650.9	557.9	403.3	253.2	196.5	0.0	0.0	0.0	0.5	0.5	13.0	31.0	0.0	0.0	0.0
08	88.4	66.2	77.3	4.0	2.9	3.3	691.2	629.1	536.2	382.6	236.7	183.5	0.0	0.0	0.1	1.5	0.9	13.2	31.0	0.0	0.0	0.0
09	81.0	58.4	69.7	3.3	3.1	3.0	444.2	387.1	304.7	180.8	85.3	57.8	3.3	6.1	13.8	39.9	0.2	4.8	30.0	0.0	0.0	0.0
10	69.8	47.1	58.4	3.1	2.4	2.5	182.2	144.3	96.3	38.4	10.4	5.2	75.2	99.4	144.3	241.5	0.0	0.0	29.8	0.0	1.5	0.0
11	57.1	36.2	46.6	4.8	4.1	4.3	38.8	26.6	14.0	3.4	0.3	0.1	289.3	337.1	414.4	553.8	0.0	0.0	22.0	0.7	10.3	0.0
12	47.2	27.8	37.5	3.9	3.6	3.6	7.2	4.1	1.5	0.0	0.0	0.0	549.6	608.5	698.8	852.3	0.0	0.0	13.2	4.2	21.2	0.2
Summary	67.3	46.2	56.8	3.8	3.3	3.4	3148	2750	2199	1397	758	553	2464	2796	3339	4362	1.6	34.4	291.9	15.8	89.2	1.4

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	2.47	6.7	4.0	1.5	0.6	0.97	2.12	3.55
02	2.21	6.8	4.5	1.3	0.5	1.12	1.98	2.51
03	3.78	10.0	6.9	2.7	0.9	2.70	3.35	4.77
04	4.65	10.1	7.0	3.3	1.3	2.73	3.57	5.97
05	6.04	12.2	8.9	4.3	1.9	3.80	6.12	7.19
06	4.93	10.2	7.6	3.6	1.6	2.96	3.78	6.14
07	4.01	8.7	5.9	2.7	1.2	2.29	3.54	5.51
08	3.14	7.5	5.1	1.9	0.9	1.44	2.75	4.44
09	4.91	7.4	5.4	3.0	1.7	2.66	4.05	5.97
10	3.67	8.5	5.8	2.4	1.0	1.93	3.45	4.44
11	3.77	7.9	5.8	2.6	1.1	1.60	3.15	4.91
12	2.85	6.7	4.7	1.9	0.8	1.64	2.24	3.33
Summary	46.43	102.7	71.6	31.2	13.5	25.84	40.10	58.73

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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	2.40	1.2	0.8	0.3	0.1	0.0	3.3	1.7	1.1	0.0	0.00	0.70	3.90
02	1.10	0.9	0.5	0.2	0.0	0.0	2.4	1.0	0.3	0.0	0.00	0.00	0.90
03	1.90	0.6	0.3	0.2	0.1	0.0	0.8	0.4	0.2	0.1	0.00	0.00	2.10
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	0.2	0.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.00	0.00	0.00
12	1.10	1.0	0.7	0.4	0.1	0.0	2.9	1.6	1.3	0.2	0.00	0.00	1.50
Summary	6.7	3.9	2.5	1.1	0.3	0.0	9.7	4.7	2.9	0.3	0.0	0.7	8.4

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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	64.7	104.4	267.4	496.7	775.1	1004.9	1177.9	1156.1	890.9	575.5	254.4	94.6
45	28.8	54.8	166.6	360.5	620.7	854.9	1022.9	1001.1	741.0	428.8	156.8	46.3
50	9.9	24.1	91.8	240.2	468.2	704.9	867.9	846.2	591.5	294.6	85.0	20.2
55	3.1	8.1	42.3	139.7	323.4	555.1	712.9	691.2	444.2	182.2	38.8	7.2
60	0.9	1.6	15.5	67.9	196.1	406.1	557.9	536.2	304.7	96.3	14.0	1.5
Growing Degree Units for Corn (Monthly)												
50/86	44.3	70.3	163.2	297.5	487.1	689.3	812.6	782.2	584.6	351.4	148.2	57.1

Growing Degree Units (Accumulated Monthly)												
40	65	169	436	933	1708	2713	3891	5047	5938	6514	6768	6863
45	29	84	250	611	1231	2086	3109	4110	4851	5280	5437	5483
50	10	34	126	366	834	1539	2407	3253	3845	4139	4224	4244
55	3	11	54	193	517	1072	1785	2476	2920	3102	3141	3148
60	1	2	18	86	282	688	1246	1782	2087	2183	2197	2199
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	44	115	278	575	1062	1752	2564	3346	3931	4282	4431	4488

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

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