

Summary of Monthly Normals
1991-2020
Generated on 05/23/2024

Current Location: Elev: 1134 ft. Lat: 37.0194° N Lon: 93.2339° W
Station: OZARK, MO US USC00236452

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	44.3	21.2	32.8				1.8	1.2	0.6	0.2	0.0	0.0	691.0	752.3	844.7	999.4	0.0	0.0	12.1	5.6	26.6	1.1
02	48.7	25.1	36.9				4.1	1.8	0.6	0.0	0.0	0.0	510.7	564.4	647.1	786.6	0.0	0.0	11.5	3.9	22.5	0.1
03	58.2	33.9	46.1				29.1	19.3	9.2	1.9	0.0	0.0	306.6	358.8	441.7	589.4	0.0	0.0	23.6	0.7	15.0	0.0
04	68.2	43.3	55.8				121.1	91.3	54.4	17.9	3.3	1.3	98.6	128.8	181.9	295.4	0.0	0.3	28.9	0.0	4.3	0.0
05	76.1	53.7	64.9				322.3	267.6	192.8	91.9	28.0	13.8	15.5	22.7	40.9	95.1	0.0	0.6	30.8	0.0	0.0	0.0
06	84.3	62.7	73.5				554.9	494.8	405.0	259.5	131.0	89.4	0.0	0.1	0.2	4.7	0.0	8.9	30.0	0.0	0.0	0.0
07	89.1	66.8	78.0				711.2	649.1	556.1	401.4	248.9	190.3	0.0	0.0	0.0	0.2	1.5	15.3	31.0	0.0	0.0	0.0
08	88.9	64.8	76.9				677.0	615.0	521.9	368.0	221.8	170.1	0.0	0.0	0.0	1.0	1.4	14.0	31.0	0.0	0.0	0.0
09	82.1	57.1	69.6				440.9	382.8	299.5	172.8	77.2	49.4	3.1	5.1	11.8	35.1	0.7	7.3	30.0	0.0	0.0	0.0
10	70.1	45.0	57.6				157.6	122.2	79.0	30.1	7.6	3.3	78.6	105.2	154.9	261.0	0.0	0.1	30.3	0.0	2.0	0.0
11	57.4	32.8	45.1				22.7	15.3	8.0	1.7	0.1	0.0	319.5	372.1	454.8	598.6	0.0	0.0	23.6	0.2	13.7	0.0
12	46.9	25.8	36.4				1.2	0.6	0.2	0.0	0.0	0.0	579.1	640.5	733.1	887.9	0.0	0.0	13.4	3.1	23.4	0.0
Summary	67.9	44.4	56.1	0.0	0.0	0.0	3044	2661	2127	1345	718	518	2603	2950	3511	4554	3.6	46.5	296.2	13.5	107.5	1.2

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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	2.44	4.5	3.5	1.3	0.4	1.08	2.14	3.46	
02	2.41	5.2	4.2	1.6	0.7	1.14	2.12	3.15	
03	4.24	7.5	6.3	3.2	1.3	2.54	4.03	4.85	
04	4.70	7.7	6.3	3.1	1.6	2.60	3.40	5.00	
05	5.34	8.5	7.2	3.7	1.5	3.92	4.90	6.75	
06	4.68	7.3	6.2	3.0	1.5	2.43	3.83	6.37	
07	4.06	6.1	5.3	2.7	1.5	2.17	3.71	5.94	
08	3.16	5.1	4.4	2.3	1.0	2.11	3.00	4.17	
09	4.20	5.5	4.9	2.7	1.5	1.65	3.41	5.28	
10	3.58	6.0	5.1	2.1	1.2	2.28	3.15	4.56	
11	3.71	6.0	5.3	2.8	1.2	1.27	3.41	5.44	
12	2.75	4.7	3.6	1.9	0.7	1.49	2.42	3.44	
Summary	45.27	74.1	62.3	30.4	14.1	24.68	39.52	58.41	

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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	2.80	1.0	0.8	0.2	0.0	0.0					0.00	1.20	4.00
02	3.20	0.9	0.7	0.3	0.3	0.0					0.00	0.00	2.10
03	0.40	0.1	0.1	0.1	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	0.1	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	0.40	0.3	0.2	0.1	0.0	0.0					0.00	0.00	0.00
Summary	6.8	2.4	1.8	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.2	6.1

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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	46.9	80.9	239.8	478.5	771.9	1004.8	1176.1	1142.0	887.7	546.5	206.7	62.2
45	18.5	37.5	140.8	341.4	617.1	854.8	1021.2	987.1	737.8	399.3	115.0	25.1
50	5.6	15.2	71.2	218.3	466.0	704.8	866.2	832.1	588.1	265.7	55.9	6.9
55	1.8	4.1	29.1	121.1	322.3	554.9	711.2	677.0	440.9	157.6	22.7	1.2
60	0.6	0.6	9.2	54.4	192.8	405.0	556.1	521.9	299.5	79.0	8.0	0.2
Growing Degree Units for Corn (Monthly)												
50/86	47.3	68.4	161.5	300.9	490.5	685.1	804.9	766.0	583.8	348.3	152.4	50.8

Growing Degree Units (Accumulated Monthly)												
40	47	128	368	846	1618	2623	3799	4941	5829	6375	6582	6644
45	18	56	197	538	1155	2010	3031	4018	4756	5156	5270	5296
50	6	21	92	310	776	1481	2347	3179	3768	4033	4089	4096
55	2	6	35	156	478	1033	1744	2422	2862	3020	3043	3044
60	1	1	10	65	258	663	1219	1741	2040	2119	2127	2127
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	47	116	277	578	1069	1754	2559	3325	3908	4257	4409	4460

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

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