

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 1376 ft. Lat: 36.6875° N Lon: 93.8694° W

Station: CASSVILLE, MO US USC00231383

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	43.6	23.2	33.4	4.0	3.3	3.5	2.0	1.1	0.4	0.0	0.0	0.0	671.3	732.4	824.7	979.4	0.0	0.0	12.0	6.0	26.0	1.2
02	48.9	26.3	37.6	5.5	4.7	4.9	7.2	4.5	1.6	0.2	0.0	0.0	494.3	547.5	628.7	767.2	0.0	0.0	13.8	2.9	21.7	0.3
03	58.0	35.0	46.5	4.5	4.6	4.4	42.4	30.5	17.6	5.1	0.5	0.2	305.9	356.0	436.1	578.6	0.0	0.0	22.3	0.8	14.3	0.1
04	67.3	43.5	55.4	3.1	3.7	3.2	123.8	94.9	59.2	20.1	4.0	1.4	111.8	142.9	197.2	308.1	0.0	0.1	28.1	0.0	5.2	0.0
05	74.6	53.8	64.2	2.8	2.9	2.6	302.9	251.2	180.8	87.8	28.1	14.5	17.7	28.0	50.6	112.6	0.0	0.0	30.9	0.0	0.3	0.0
06	82.7	62.1	72.4	2.3	2.2	2.0	522.0	462.3	373.5	232.0	108.3	68.5	0.2	0.5	1.7	10.2	0.1	2.2	30.0	0.0	0.0	0.0
07	87.0	66.2	76.6	3.2	2.1	2.4	669.4	607.4	514.4	360.4	213.0	159.0	0.0	0.0	0.0	0.9	0.4	10.0	31.0	0.0	0.0	0.0
08	86.8	64.6	75.7	3.6	2.8	2.9	641.3	579.3	486.6	334.6	193.8	145.3	0.0	0.0	0.3	3.1	0.6	11.6	31.0	0.0	0.0	0.0
09	79.6	56.0	67.8	3.2	3.2	2.8	389.6	333.7	253.6	138.9	57.8	35.8	5.7	9.7	19.6	54.9	0.3	2.6	29.9	0.0	0.1	0.0
10	69.6	45.8	57.7	2.9	3.4	2.5	159.7	124.0	79.3	30.0	7.7	3.9	76.1	102.3	150.7	256.4	0.0	0.1	29.9	0.0	3.9	0.0
11	57.2	35.0	46.1	4.9	3.9	4.1	33.0	22.1	10.7	2.7	0.4	0.2	300.0	349.0	427.6	569.6	0.0	0.0	22.9	0.5	14.3	0.0
12	46.9	26.5	36.7	4.0	4.0	3.8	4.1	2.4	0.9	0.1	0.0	0.0	571.1	631.5	723.0	877.3	0.0	0.0	15.2	3.5	23.8	0.1
Summary	66.9	44.8	55.8	3.7	3.4	3.3	2897	2513	1979	1212	614	429	2554	2900	3460	4518	1.4	26.6	297.0	13.7	109.6	1.7

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	2.50							
02	2.32							
03	3.88							
04	5.00							
05	6.18							
06	4.77							
07	4.20							
08	3.27							
09	4.56							
10	3.77							
11	3.87							
12	3.09							
Summary	47.41	0.0	0.0	0.0	0.0	0.00	0.00	0.00

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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	57.7	91.4	256.9	469.6	750.3	971.8	1134.4	1106.3	834.0	550.5	234.0	75.1
45	25.1	45.6	160.0	334.6	596.2	821.8	979.4	951.3	684.2	403.8	140.8	33.5
50	8.6	19.4	88.4	216.5	444.9	671.8	824.4	796.4	535.5	269.1	73.1	13.1
55	2.0	7.2	42.4	123.8	302.9	522.0	669.4	641.3	389.6	159.7	33.0	4.1
60	0.4	1.6	17.6	59.2	180.8	373.5	514.4	486.6	253.6	79.3	10.7	0.9
Growing Degree Units for Corn (Monthly)												
50/86	40.2	69.0	165.9	290.1	474.2	662.2	781.6	747.3	541.1	340.9	149.0	54.2

Growing Degree Units (Accumulated Monthly)												
40	58	149	406	876	1626	2598	3732	4838	5672	6223	6457	6532
45	25	71	231	565	1162	1983	2963	3914	4598	5002	5143	5176
50	9	28	116	333	778	1450	2274	3070	3606	3875	3948	3961
55	2	9	52	175	478	1000	1670	2311	2701	2860	2893	2897
60	0	2	20	79	260	633	1148	1634	1888	1967	1978	1979
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	40	109	275	565	1039	1702	2483	3230	3772	4112	4262	4316

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

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