

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 370 ft. Lat: 36.7578° N Lon: 90.4056° W

Station: POPLAR BLUFF, MO US USC00236791

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	44.0	25.8	34.9	3.9	3.8	3.8	2.7	1.4	0.2	0.0	0.0	0.0	625.6	686.4	778.2	932.9	0.0	0.0	10.2	5.3	23.7	0.3
02	49.3	29.5	39.4	4.3	3.9	4.0	5.6	3.2	1.2	0.2	0.0	0.0	442.4	495.9	577.9	717.0	0.0	0.0	14.4	2.5	18.0	0.1
03	59.0	38.1	48.5	4.4	4.0	4.1	46.8	33.0	17.9	4.7	0.5	0.2	246.8	295.0	372.8	514.6	0.0	0.0	24.0	0.4	9.2	0.0
04	69.9	47.4	58.7	3.3	3.2	3.1	170.1	132.3	85.5	32.8	7.4	2.7	60.6	82.8	126.1	223.3	0.0	0.0	29.3	0.0	1.1	0.0
05	78.9	57.6	68.3	2.8	3.0	2.7	414.1	355.6	272.9	155.4	68.9	44.3	3.4	6.9	17.1	54.7	0.0	3.0	31.0	0.0	0.0	0.0
06	87.5	67.0	77.3	2.6	2.1	2.3	667.4	607.4	517.7	370.0	229.8	178.7	0.0	0.1	0.3	2.6	0.1	13.0	30.0	0.0	0.0	0.0
07	90.5	70.6	80.5	2.3	2.2	2.1	792.0	730.0	637.0	482.0	328.0	268.0	0.0	0.0	0.0	0.0	1.2	18.8	31.0	0.0	0.0	0.0
08	89.5	68.5	79.0	2.7	2.4	2.4	743.9	681.9	588.9	434.3	281.8	223.5	0.0	0.0	0.0	0.4	0.8	15.9	31.0	0.0	0.0	0.0
09	82.8	60.6	71.7	2.9	3.3	2.8	502.1	443.3	357.0	223.9	115.9	82.3	1.2	2.4	6.1	22.9	0.1	7.1	30.0	0.0	0.0	0.0
10	71.9	47.7	59.8	3.0	2.4	2.1	197.2	156.3	103.8	43.7	13.7	7.8	48.4	69.5	110.0	204.9	0.0	0.6	30.9	0.0	0.7	0.0
11	57.8	37.5	47.7	5.1	3.8	4.3	34.8	23.1	11.5	2.5	0.2	0.0	255.2	303.6	381.9	522.9	0.0	0.0	23.7	0.1	9.6	0.0
12	47.1	29.3	38.2	4.2	3.4	3.6	4.1	1.9	0.2	0.0	0.0	0.0	524.8	584.6	675.9	830.7	0.0	0.0	12.9	2.3	20.7	0.0
Summary	69.0	48.3	58.7	3.5	3.1	3.1	3581	3169	2594	1750	1046	807	2208	2527	3046	4027	2.2	58.4	298.4	10.6	83.0	0.4

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	3.46	8.7	5.6	2.4	1.0	1.89	3.48	4.87	
02	3.63	7.5	5.1	2.4	1.0	2.16	2.64	5.25	
03	4.77	10.9	7.3	3.5	1.3	3.01	4.00	5.75	
04	5.94	10.4	7.1	3.8	2.0	3.13	5.39	6.33	
05	5.37	11.4	8.2	4.2	2.0	3.53	5.51	6.80	
06	4.29	8.7	5.7	2.7	1.3	2.20	4.14	5.61	
07	4.70	8.4	5.9	3.3	1.7	2.96	4.61	6.20	
08	3.65	7.6	5.5	2.3	1.1	1.51	3.54	4.81	
09	3.29	6.8	4.7	2.2	1.0	2.06	2.40	4.24	
10	4.07	7.8	5.3	2.6	1.1	1.88	2.98	4.85	
11	4.80	9.2	6.1	3.3	1.7	2.39	4.73	5.86	
12	4.27	8.7	5.9	3.0	1.2	2.71	3.67	5.69	
Summary	52.24	106.1	72.4	35.7	16.4	29.43	47.09	66.26	

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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	0.60	0.5	0.4	0.2	0.1	0.0	0.6	0.3	0.1	0.0	0.00	0.00	0.10
02	1.60	0.6	0.5	0.2	0.1	0.0	0.7	0.2	0.0	0.0	0.00	0.00	2.90
03	1.30	0.4	0.4	0.2	0.1	0.0	0.4	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	0.0	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	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
12	1.70	0.4	0.4	0.2	0.1	0.0	0.6	0.3	0.2	0.0	0.00	0.00	0.20
Summary	5.4	2.0	1.8	0.8	0.4	0.0	2.4	1.0	0.4	0.0	0.0	0.0	3.2

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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	60.5	103.4	296.2	560.6	875.8	1117.2	1256.9	1208.7	950.8	614.4	260.8	85.4
45	25.7	48.4	184.1	416.5	720.8	967.2	1101.9	1053.7	800.8	462.3	155.4	38.1
50	9.1	17.9	100.3	283.8	566.4	817.3	947.0	898.8	651.0	318.8	80.2	13.6
55	2.7	5.6	46.8	170.1	414.1	667.4	792.0	743.9	502.1	197.2	34.8	4.1
60	0.2	1.2	17.9	85.5	272.9	517.7	637.0	588.9	357.0	103.8	11.5	0.2
Growing Degree Units for Corn (Monthly)												
50/86	36.5	63.5	170.9	336.6	566.7	766.3	863.7	830.8	631.4	379.4	146.3	45.3

Growing Degree Units (Accumulated Monthly)												
40	60	164	460	1021	1896	3014	4271	5479	6430	7044	7305	7391
45	26	74	258	675	1396	2363	3465	4518	5319	5781	5937	5975
50	9	27	127	411	978	1795	2742	3641	4292	4610	4691	4704
55	3	8	55	225	639	1307	2099	2843	3345	3542	3577	3581
60	0	1	19	105	378	895	1532	2121	2478	2582	2594	2594
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	36	100	271	608	1174	1940	2804	3635	4266	4646	4792	4837

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

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