

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 1000 ft. Lat: 36.7367° N Lon: 97.1019° W
Station: **PONCA CITY MUNI AP, OK US USW00013969**

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	47.2	24.6	35.9	4.4	3.0	3.3	3.1	1.9	0.8	0.1	0.0	0.0	595.1	655.9	747.8	902.1	0.0	0.0	14.2	4.1	25.0	0.1
02	52.0	28.2	40.1	5.0	4.2	4.3	12.1	7.8	3.6	0.9	0.1	0.0	429.3	481.0	560.8	697.9	0.0	0.0	16.6	2.2	18.2	0.2
03	61.7	37.3	49.5	4.5	4.3	4.1	64.3	46.9	27.7	9.0	1.4	0.4	234.9	279.4	353.2	489.6	0.0	0.1	25.9	0.5	9.8	0.1
04	70.6	46.4	58.5	3.4	3.3	3.2	174.3	137.9	92.6	39.2	10.7	5.3	69.3	92.9	137.6	234.2	0.0	0.6	29.0	0.0	2.2	0.0
05	79.0	57.2	68.1	3.5	2.8	3.0	411.4	354.0	273.6	158.2	74.3	50.4	5.3	9.9	22.5	62.1	0.0	3.6	30.9	0.0	0.0	0.0
06	88.3	67.0	77.6	3.6	2.6	2.9	679.5	619.5	529.7	381.2	239.6	187.8	0.0	0.1	0.3	1.8	1.1	14.8	30.0	0.0	0.0	0.0
07	93.3	71.4	82.4	3.6	2.6	3.0	847.8	785.8	692.8	537.7	384.0	323.8	0.0	0.0	0.0	0.0	5.8	23.3	31.0	0.0	0.0	0.0
08	92.1	69.7	80.9	3.7	2.5	2.9	802.8	740.8	647.8	493.1	340.7	282.8	0.0	0.0	0.0	0.3	5.7	20.9	31.0	0.0	0.0	0.0
09	84.3	61.1	72.7	3.6	3.5	3.4	532.8	474.5	388.9	256.2	147.1	112.8	1.8	3.5	8.0	25.3	0.9	9.0	30.0	0.0	0.0	0.0
10	72.5	48.4	60.5	3.6	2.7	2.8	224.8	182.3	126.5	59.4	21.1	12.6	55.8	75.3	112.5	200.4	0.0	1.1	30.2	0.0	1.7	0.0
11	59.8	36.4	48.1	5.0	3.9	4.1	46.7	33.4	18.7	5.2	0.9	0.4	253.7	300.4	375.7	512.2	0.0	0.0	24.7	0.3	10.6	0.0
12	48.9	27.4	38.1	4.0	3.5	3.5	6.1	3.7	1.6	0.2	0.0	0.0	528.3	587.9	678.8	832.3	0.0	0.0	15.7	2.3	21.4	0.2
Summary	70.8	47.9	59.4	4.0	3.2	3.4	3806	3388	2804	1940	1220	976	2174	2486	2997	3958	13.5	73.4	309.2	9.4	88.9	0.6

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Current Location: Elev: 1000 ft. Lat: 36.7367° N Lon: 97.1019° W
Station: **PONCA CITY MUNI AP, OK US USW00013969**

Summary of Monthly Normals
1991-2020
Generated on 04/27/2024

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	1.02	4.8	2.1	0.5	0.2	0.23	0.56	1.63
02	1.10	4.9	2.5	0.7	0.2	0.32	0.80	1.68
03	2.17	6.9	4.0	1.5	0.5	0.86	1.71	3.13
04	3.78	8.2	5.2	2.3	1.0	2.29	3.32	4.39
05	5.10	10.4	6.5	2.9	1.7	2.64	4.28	5.97
06	4.70	8.7	5.8	3.4	1.5	2.52	4.31	6.48
07	3.70	7.4	5.0	2.5	1.3	2.38	3.25	4.74
08	3.28	7.5	4.7	2.2	1.2	2.24	2.72	4.74
09	2.74	6.9	4.0	1.9	0.8	1.65	2.58	3.44
10	3.06	6.8	4.3	1.9	0.8	1.50	2.43	3.67
11	1.65	5.1	2.6	0.9	0.5	0.47	1.11	2.48
12	1.27	4.6	2.5	0.8	0.3	0.30	0.82	2.02
Summary	33.57	82.2	49.2	21.5	10.0	17.40	27.89	44.37

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 1000 ft. Lat: 36.7367° N Lon: 97.1019° W
Station: **PONCA CITY MUNI AP, OK US USW00013969**

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	70.1	126.2	329.8	557.8	871.1	1129.3	1312.6	1267.6	980.8	636.5	281.9	93.9
45	28.5	67.1	215.7	415.8	716.3	979.3	1157.7	1112.7	830.9	487.1	176.1	42.0
50	10.3	31.5	127.0	285.2	562.1	829.4	1002.8	957.8	681.1	346.9	97.5	16.0
55	3.1	12.1	64.3	174.3	411.4	679.5	847.8	802.8	532.8	224.8	46.7	6.1
60	0.8	3.6	27.7	92.6	273.6	529.7	692.8	647.8	388.9	126.5	18.7	1.6
Growing Degree Units for Corn (Monthly)												
50/86	59.8	94.5	214.7	346.9	564.9	769.2	881.0	849.1	649.5	400.4	178.9	67.1

Growing Degree Units (Accumulated Monthly)												
40	70	196	526	1084	1955	3084	4397	5664	6645	7282	7564	7658
45	28	96	311	727	1443	2423	3580	4693	5524	6011	6187	6229
50	10	42	169	454	1016	1846	2848	3806	4487	4834	4932	4948
55	3	15	80	254	665	1345	2192	2995	3528	3753	3800	3806
60	1	4	32	125	398	928	1621	2269	2658	2784	2803	2804
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	60	154	369	716	1281	2050	2931	3780	4430	4830	5009	5076

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.