

Summary of Monthly Normals
1981-2010

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

Generated on 04/27/2024

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	45.7	24.0	34.9	5.2	3.5	4.1	3	2	1	-7777	0	0	627	688	780	935	0.0	0.0	12.2	4.8	25.2	0.4
02	51.3	28.1	39.7	5.5	4.4	4.7	10	6	2	-7777	-7777	-7777	438	490	571	709	0.0	0.0	15.5	2.6	17.8	0.3
03	60.9	36.8	48.8	3.9	3.6	3.5	58	41	23	7	1	-7777	248	294	369	507	0.0	0.0	24.6	0.4	10.0	0.0
04	70.6	46.1	58.4	3.5	3.2	3.1	171	136	92	40	11	6	71	95	141	240	0.0	0.5	29.1	0.0	2.0	0.0
05	78.7	56.6	67.6	2.8	2.6	2.6	396	338	257	142	60	38	4	8	19	59	0.0	2.1	31.0	0.0	-7777	0.0
06	87.3	65.8	76.6	3.3	2.5	2.7	647	587	497	349	211	162	-7777	-7777	-7777	3	0.5	11.0	30.0	0.0	0.0	0.0
07	92.7	70.6	81.7	2.5	2.2	2.1	826	764	671	516	362	302	0	0	0	0	3.4	21.4	31.0	0.0	0.0	0.0
08	92.4	69.7	81.0	3.6	2.5	2.9	807	745	652	498	346	289	0	0	-7777	-7777	4.6	20.7	31.0	0.0	0.0	0.0
09	83.8	60.4	72.1	3.5	2.9	3.0	517	459	375	246	140	107	4	6	12	33	0.8	7.8	30.0	0.0	-7777	0.0
10	71.7	48.4	60.1	3.2	2.4	2.3	210	168	114	49	16	9	53	73	112	203	0.0	0.5	30.4	0.0	1.3	0.0
11	58.9	36.4	47.7	4.6	3.4	3.6	44	31	16	4	-7777	-7777	265	311	387	525	0.0	0.0	23.4	0.3	10.6	0.0
12	47.0	26.1	36.6	5.2	4.8	4.8	4	3	1	-7777	0	0	576	637	728	882	0.0	0.0	13.5	3.4	22.3	0.6
Summary	70.1	47.4	58.8	3.9	3.2	3.3	3693	3280	2701	1851	1147	913	2286	2602	3119	4096	9.3	64.0	301.7	11.5	89.2	1.3

-7777: a non-zero value that would round to zero
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 MUNICIPAL AIRPORT, OK US USW00013969**

Summary of Monthly Normals
1981-2010
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	1.00	4.8	2.2	0.5	0.2	0.30	0.69	1.54
02	1.34	5.3	2.8	0.9	0.2	0.37	0.86	2.06
03	2.71	7.4	4.6	2.0	0.7	1.34	2.19	4.31
04	3.44	7.8	5.1	2.5	0.8	1.99	3.36	4.37
05	4.81	10.0	6.5	2.9	1.6	2.30	4.39	6.29
06	5.06	9.5	6.6	3.7	1.6	3.57	4.64	6.69
07	3.33	6.9	4.7	2.2	1.0	2.34	3.14	3.80
08	3.25	6.9	4.4	2.3	1.2	1.40	2.69	4.99
09	3.29	7.1	4.3	1.8	0.9	1.58	3.27	4.20
10	3.38	7.3	4.2	2.0	0.9	1.31	2.79	4.44
11	1.81	5.6	3.0	1.2	0.4	0.56	1.53	2.56
12	1.42	5.6	2.8	0.9	0.4	0.37	0.92	1.98
Summary	34.84	84.2	51.2	22.9	9.9	17.43	30.47	47.23

-7777: a non-zero value that would round to zero
Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Summary of Monthly Normals
1981-2010

Generated on 04/27/2024

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

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	2.3	1.8	0.7	0.2	0.1	0.0	2.9	1.1	0.5	0.2	0.0	0.7	3.0
02	1.9	1.5	0.7	0.2	0.1	0.0	2.1	0.7	0.1	0.0	0.0	0.8	2.6
03	1.8	0.9	0.5	0.3	0.1	0.0	0.7	0.3	0.1	0.0	0.0	0.0	2.8
04	-7777	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	-7777	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.4	0.3	0.2	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0
12	2.0	1.7	0.9	0.2	0.1	0.0	2.3	0.4	0.3	0.0	0.0	1.0	2.9
Summary	8.4	6.4	3.1	0.9	0.4	0.0	8.2	2.6	1.0	0.2	0.0	2.5	11.3

-7777: a non-zero value that would round to zero
Empty or blank cells indicate data is missing or insufficient occurrences to compute value

Summary of Monthly Normals
1981-2010

Generated on 04/27/2024

Current Location: Elev: 1000 ft. Lat: 36.7367° N Lon: 97.1019° W
Station: **PONCA CITY MUNICIPAL AIRPORT, 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	62	121	311	552	857	1096	1291	1272	963	623	269	78
45	25	63	201	409	702	946	1136	1117	813	472	168	33
50	9	27	116	279	548	796	981	962	664	332	93	12
55	3	10	58	171	396	647	826	807	517	210	44	4
60	1	2	23	92	257	497	671	652	375	114	16	1
Growing Degree Units for Corn (Monthly)												
50/86	53	89	202	344	554	746	870	849	636	384	166	56

Growing Degree Units (Accumulated Monthly)												
40	62	183	494	1046	1903	2999	4290	5562	6525	7148	7417	7495
45	25	88	289	698	1400	2346	3482	4599	5412	5884	6052	6085
50	9	36	152	431	979	1775	2756	3718	4382	4714	4807	4819
55	3	13	71	242	638	1285	2111	2918	3435	3645	3689	3693
60	1	3	26	118	375	872	1543	2195	2570	2684	2700	2701
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	53	142	344	688	1242	1988	2858	3707	4343	4727	4893	4949

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

-7777: a non-zero value that would round to zero.

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