

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 2191 ft. Lat: 36.2967° N Lon: 99.7689° W

Station: GAGE AP, OK US USW00013975

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	50.7	22.4	36.6	3.9	2.4	2.7	2.7	1.4	0.3	0.0	0.0	0.0	574.6	635.3	727.2	881.9	0.0	0.0	17.4	3.8	28.1	0.4
02	54.5	25.5	40.0	5.8	3.8	4.4	10.1	6.4	3.0	0.7	0.2	0.0	430.0	482.3	562.9	700.5	0.0	0.1	17.7	2.4	22.2	0.4
03	64.5	34.8	49.7	4.5	4.1	3.9	66.2	49.0	29.8	11.0	2.7	1.1	232.1	276.9	350.7	487.0	0.0	0.5	26.3	0.5	14.3	0.1
04	72.9	43.7	58.3	3.6	2.9	3.0	173.1	138.1	93.4	41.8	13.7	7.6	74.1	99.0	144.4	242.8	0.0	2.2	28.5	0.0	4.7	0.0
05	81.6	54.5	68.0	4.1	2.8	3.2	411.8	355.3	276.7	164.1	80.9	57.2	7.2	12.8	27.1	69.6	0.5	6.6	31.0	0.0	0.2	0.0
06	90.1	64.8	77.5	4.2	2.4	3.2	673.5	613.6	523.8	376.6	238.3	188.3	0.1	0.2	0.4	3.3	2.2	16.5	30.0	0.0	0.0	0.0
07	95.1	68.9	82.0	3.2	2.2	2.6	836.9	774.9	681.9	527.2	374.5	314.7	0.0	0.0	0.0	0.4	7.6	24.7	31.0	0.0	0.0	0.0
08	93.9	67.2	80.6	3.7	2.1	2.7	791.9	729.9	636.9	482.2	330.6	272.3	0.0	0.0	0.0	0.4	6.7	22.3	31.0	0.0	0.0	0.0
09	86.1	58.8	72.4	3.6	3.1	3.1	526.3	468.2	383.8	252.2	143.9	108.0	2.8	4.8	10.4	28.8	1.3	10.5	30.0	0.0	0.1	0.0
10	74.3	45.3	59.8	4.0	2.9	2.9	210.5	170.0	118.7	55.9	19.8	11.7	61.6	83.2	124.8	217.1	0.1	2.0	30.1	0.2	3.8	0.0
11	61.7	32.7	47.2	5.1	3.4	3.8	41.4	29.1	15.7	3.9	0.7	0.3	275.4	323.1	399.6	537.9	0.0	0.1	24.5	0.6	16.9	0.0
12	51.0	23.8	37.4	3.7	3.0	2.9	3.5	2.0	0.5	0.0	0.0	0.0	548.9	609.4	700.9	855.3	0.0	0.0	16.7	2.8	27.2	0.3
Summary	73.0	45.2	59.1	4.1	2.9	3.2	3748	3338	2764	1916	1205	961	2207	2527	3048	4025	18.4	85.5	314.2	10.3	117.5	1.2

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	0.56	3.1	1.2	0.3	0.1	0.10	0.33	0.66	
02	0.68	3.4	1.5	0.2	0.1	0.18	0.40	0.75	
03	1.52	5.5	2.9	1.0	0.3	0.47	1.09	2.23	
04	2.02	6.1	3.6	1.0	0.3	0.65	1.43	1.91	
05	3.05	7.7	5.0	2.2	0.8	1.53	2.53	5.00	
06	3.48	7.7	5.3	2.4	0.9	2.16	3.09	4.90	
07	2.05	6.4	3.7	1.2	0.6	0.96	1.78	3.07	
08	2.50	7.5	4.4	1.6	0.7	1.58	2.11	3.14	
09	1.52	5.2	3.3	0.8	0.2	0.83	1.29	2.13	
10	2.34	5.0	2.9	1.3	0.6	0.29	1.31	2.91	
11	0.78	4.0	1.7	0.3	0.1	0.12	0.35	0.95	
12	0.91	3.3	1.8	0.5	0.1	0.18	0.62	1.30	
Summary	21.41	64.9	37.3	12.8	4.8	9.05	16.33	28.95	

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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	73.0	121.8	337.2	553.1	869.6	1123.3	1301.8	1256.8	973.3	618.4	261.1	80.9
45	29.6	63.4	220.1	411.6	714.9	973.3	1146.8	1101.8	823.4	470.5	160.8	34.4
50	9.6	28.5	128.9	281.9	561.2	823.4	991.9	946.9	674.0	330.4	87.3	11.7
55	2.7	10.1	66.2	173.1	411.8	673.5	836.9	791.9	526.3	210.5	41.4	3.5
60	0.3	3.0	29.8	93.4	276.7	523.8	681.9	636.9	383.8	118.7	15.7	0.5
Growing Degree Units for Corn (Monthly)												
50/86	91.1	119.0	249.0	359.6	555.4	738.9	843.1	813.7	631.8	405.1	200.4	88.8

Growing Degree Units (Accumulated Monthly)												
40	73	195	532	1085	1955	3078	4380	5637	6610	7228	7489	7570
45	30	93	313	725	1440	2413	3560	4662	5485	5955	6116	6151
50	10	38	167	449	1010	1834	2825	3772	4446	4777	4864	4876
55	3	13	79	252	664	1337	2174	2966	3492	3703	3744	3748
60	0	3	33	126	403	927	1609	2246	2630	2748	2764	2764
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	91	210	459	819	1374	2113	2956	3770	4402	4807	5007	5096

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

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