U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Summary of Monthly Normals 1991-2020

Generated on 11/11/2026

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 1285 ft. Lat: 35.3889° N Lon: 97.6006° W

Station: **OKLAHOMA CITY WILL ROGERS AP, OK US USW00013967**

Temperature (°F)

	Mean						Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
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	49.3	27.0	38.2	3.6	2.7	2.8	4.1	2.3	0.9	0.1	0.0	0.0	526.3	586.5	678.2	832.3	0.0	0.0	16.7	2.9	21.8	0.0
02	53.8	30.8	42.3	5.2	3.6	4.2	15.1	9.5	4.4	1.1	0.2	0.1	370.6	421.0	499.9	636.6	0.0	0.0	18.3	1.8	15.1	0.1
03	62.9	39.5	51.2	3.9	4.0	3.8	74.9	54.4	31.5	9.4	1.4	0.5	192.8	234.3	304.4	437.3	0.0	0.2	26.9	0.4	6.4	0.0
04	71.1	47.5	59.3	3.2	3.2	3.0	182.2	142.4	92.3	34.8	8.8	4.2	53.2	73.4	113.3	205.7	0.0	0.5	29.2	0.0	1.3	0.0
05	78.9	57.6	68.2	3.1	2.4	2.6	413.9	354.8	271.3	151.0	65.7	42.2	3.1	6.1	15.6	50.2	0.1	3.0	31.0	0.0	0.0	0.0
06	87.5	66.2	76.9	3.1	2.1	2.4	655.5	595.5	505.6	356.5	213.3	161.0	0.0	0.1	0.2	1.1	0.8	13.8	30.0	0.0	0.0	0.0
07	93.1	70.3	81.7	3.4	1.9	2.5	827.6	765.6	672.6	517.6	363.5	302.6	0.0	0.0	0.0	0.0	5.3	24.2	31.0	0.0	0.0	0.0
08	92.2	69.1	80.7	4.1	2.3	3.1	795.0	733.0	640.0	485.2	332.3	272.9	0.0	0.0	0.0	0.2	5.5	22.1	31.0	0.0	0.0	0.0
09	83.9	61.5	72.7	3.6	3.1	3.1	532.2	473.4	387.1	251.2	136.6	99.6	1.2	2.5	6.1	20.2	0.9	8.8	30.0	0.0	0.0	0.0
10	72.8	49.4	61.1	3.5	2.8	2.7	231.9	187.1	127.9	56.0	17.0	9.2	42.8	60.1	93.8	176.9	0.0	0.9	30.3	0.0	0.8	0.0
11	60.7	37.7	49.2	4.4	3.8	3.8	49.2	34.1	18.0	4.4	0.7	0.2	223.2	268.1	342.0	478.3	0.0	0.0	25.4	0.3	7.9	0.0
12	50.4	29.5	40.0	3.5	2.9	3.0	6.4	3.8	1.7	0.0	0.0	0.0	472.8	532.2	623.1	776.4	0.0	0.0	17.8	1.9	18.8	0.0
Summary	71.4	48.8	60.1	3.7	2.9	3.1	3788	3356	2753	1867	1140	893	1886	2184	2677	3615	12.6	73.5	317.6	7.3	72.1	0.1

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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	1.32	5.0	2.3	0.8	0.3	0.31	1.21	2.01
02	1.42	5.7	2.9	0.9	0.3	0.51	1.24	2.54
03	2.55	6.9	4.5	1.7	0.7	1.09	2.42	3.25
04	3.60	7.9	4.7	2.4	1.2	2.05	3.36	5.03
05	5.31	10.0	6.7	3.2	1.4	2.43	3.88	7.15
06	4.49	8.6	6.1	3.0	1.4	2.41	4.63	6.28
07	3.59	6.0	4.3	2.4	1.4	1.47	3.32	4.86
08	3.60	6.7	4.9	2.4	1.1	1.64	3.33	5.30
09	3.72	7.1	5.1	2.3	1.3	1.96	3.26	4.82
10	3.32	7.5	4.5	2.3	1.1	1.58	3.36	4.63
11	1.68	5.8	3.4	1.2	0.4	0.54	1.06	2.35
12	1.79	5.7	3.1	1.4	0.4	0.69	1.54	2.65
Summary	36.39	82.9	52.5	24.0	11.0	16.68	32.61	50.87

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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	1.80	1.3	0.5	0.2	0.1	0.0	1.5	0.5	0.1	0.0	0.00	0.60	2.90
02	1.80	1.3	0.5	0.1	0.1	0.0	1.1	0.4	0.2	0.0	0.00	0.30	2.10
03	0.80	0.4	0.3	0.1	0.0	0.0	0.5	0.2	0.0	0.0	0.00	0.00	1.30
04	0.00	0.1	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.50	0.3	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.10
12	1.80	1.4	0.6	0.2	0.0	0.0	1.6	0.4	0.3	0.1	0.00	1.00	2.10
Summary	6.7	4.9	2.1	0.6	0.2	0.0	4.9	1.5	0.6	0.1	0.0	1.9	8.5

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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	93.9	154.4	372.2	580.6	875.7	1105.3	1292.5	1259.8	980.9	656.5	304.6	113.7
45	40.2	84.0	247.3	436.0	720.7	955.3	1137.5	1104.8	830.9	505.5	191.9	51.9
50	14.2	38.9	146.0	299.9	566.2	805.4	982.6	950.0	681.0	360.9	105.9	19.7
55	4.1	15.1	74.9	182.2	413.9	655.5	827.6	795.0	532.2	231.9	49.2	6.4
60	0.9	4.4	31.5	92.3	271.3	505.6	672.6	640.0	387.1	127.9	18.0	1.7
Growing Degree Units for Corn (Monthly)												
50/86	73.5	107.9	228.9	353.8	565.5	755.7	865.6	841.0	650.9	405.7	187.7	77.6

Growing Degree Units (Accumulated Monthly)

40	94	248	620	1201	2077	3182	4475	5734	6715	7372	7676	7790
45	40	124	372	808	1528	2484	3621	4726	5557	6062	6254	6306
50	14	53	199	499	1065	1871	2853	3803	4484	4845	4951	4971
55	4	19	94	276	690	1346	2173	2968	3500	3732	3782	3788
60	1	5	37	129	400	906	1579	2219	2606	2734	2752	2753
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	74	181	410	764	1330	2085	2951	3792	4443	4848	5036	5114

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

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