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: 650 ft. Lat: 36.1994° N Lon: 95.8872° W

Station: **TULSA INTL AP, OK US USW00013968**

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	48.9	28.0	38.5	4.0	3.0	3.3	6.9	4.4	2.1	0.5	0.0	0.0	519.8	579.3	670.0	823.3	0.0	0.0	15.0	3.5	21.5	0.0
02	54.0	31.7	42.8	4.9	4.0	4.3	19.6	13.1	6.7	1.8	0.3	0.1	359.7	409.2	486.8	621.9	0.0	0.0	17.8	1.7	15.5	0.2
03	63.3	40.7	52.0	4.3	4.1	4.1	89.8	67.5	41.1	15.1	3.5	1.7	182.8	222.5	289.2	418.2	0.0	0.2	26.4	0.3	6.8	0.0
04	72.1	49.5	60.8	3.0	3.4	3.0	217.3	174.5	119.6	53.4	17.2	9.3	43.3	60.5	95.6	179.4	0.0	0.4	29.4	0.0	1.1	0.0
05	79.7	59.5	69.6	3.1	2.5	2.6	454.8	395.0	309.6	183.4	88.6	60.6	2.2	4.4	12.0	40.7	0.0	3.0	31.0	0.0	0.0	0.0
06	88.4	68.7	78.6	3.1	2.4	2.7	706.4	646.5	556.5	407.2	263.1	208.7	0.0	0.1	0.1	0.9	0.5	14.2	30.0	0.0	0.0	0.0
07	93.6	73.1	83.4	3.2	2.6	2.7	878.8	816.8	723.8	568.7	414.4	353.5	0.0	0.0	0.0	0.0	4.4	24.0	31.0	0.0	0.0	0.0
08	93.0	71.5	82.2	3.7	2.6	3.1	844.6	782.6	689.6	534.6	380.7	320.9	0.0	0.0	0.0	0.0	5.3	22.2	31.0	0.0	0.0	0.0
09	84.8	62.8	73.8	3.5	3.4	3.2	564.9	505.7	418.7	280.9	162.3	123.4	0.9	1.8	4.7	17.0	0.6	9.0	30.0	0.0	0.0	0.0
10	73.6	50.9	62.3	3.3	2.5	2.6	261.0	214.2	151.8	74.2	27.3	16.6	36.2	51.5	82.0	159.5	0.0	1.0	30.5	0.0	0.7	0.0
11	61.4	39.4	50.4	4.6	3.8	4.0	62.8	45.4	26.5	7.9	1.6	0.7	200.8	243.4	314.5	445.9	0.0	0.0	25.1	0.2	8.0	0.0
12	50.9	31.1	41.0	4.0	3.5	3.5	10.8	6.9	3.5	0.6	0.0	0.0	444.7	502.8	592.4	744.4	0.0	0.0	17.1	1.9	18.3	0.0
Summary	72.0	50.6	61.3	3.7	3.1	3.3	4118	3673	3050	2128	1359	1096	1790	2076	2547	3451	10.8	74.0	314.3	7.6	71.9	0.2

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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	1.63	6.0	3.2	1.0	0.4	0.61	0.91	2.55
02	1.62	6.6	3.7	1.0	0.3	0.97	1.35	2.17
03	3.10	8.6	5.1	2.1	0.9	1.79	2.97	3.75
04	4.37	9.1	6.2	3.1	1.4	2.61	4.22	5.73
05	5.73	11.1	7.4	3.6	1.7	3.16	5.17	6.98
06	4.65	9.1	6.6	3.2	1.5	2.94	4.12	6.18
07	3.76	7.3	4.9	2.5	1.2	2.13	3.49	4.87
08	3.38	6.9	4.5	2.4	1.2	1.49	3.20	4.79
09	3.85	7.8	5.5	2.5	1.2	2.22	3.06	4.94
10	3.78	8.4	5.0	2.5	1.2	1.92	3.21	5.48
11	2.66	6.7	4.2	1.8	0.6	1.40	1.94	3.57
12	2.43	6.7	3.9	1.8	0.7	1.27	1.78	3.52
Summary	40.96	94.3	60.2	27.5	12.3	22.51	35.42	54.53

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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	1.90	1.8	0.6	0.1	0.1	0.0	1.7	0.2	0.2	0.0	0.40	1.00	2.50
02	2.40	1.3	0.6	0.3	0.1	0.0	1.6	1.0	0.6	0.2	0.00	0.30	2.40
03	1.90	0.6	0.4	0.2	0.1	0.0	0.6	0.2	0.2	0.0	0.00	0.00	2.00
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.80	0.4	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.20
12	1.70	1.2	0.6	0.2	0.1	0.0	1.8	0.8	0.3	0.0	0.00	0.20	2.00
Summary	8.7	5.4	2.4	0.9	0.4	0.0	5.8	2.2	1.3	0.2	0.4	1.5	9.1

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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	106.7	165.9	394.9	624.9	917.6	1156.3	1343.6	1309.4	1013.9	691.0	335.0	136.7
45	49.6	92.3	268.8	478.6	762.6	1006.3	1188.6	1154.3	863.9	538.8	218.7	68.0
50	20.1	46.1	165.4	339.9	607.9	856.4	1033.7	999.5	714.1	392.5	127.0	29.5
55	6.9	19.6	89.8	217.3	454.8	706.4	878.8	844.6	564.9	261.0	62.8	10.8
60	2.1	6.7	41.1	119.6	309.6	556.5	723.8	689.6	418.7	151.8	26.5	3.5
Growing Degree Units for Corn (Monthly)												
50/86	73.2	110.1	240.8	384.6	603.5	797.5	909.5	881.5	676.9	431.6	201.2	83.7

Growing Degree Units (Accumulated Monthly)

40	107	273	668	1292	2210	3366	4710	6019	7033	7724	8059	8196
45	50	142	411	889	1652	2658	3847	5001	5865	6404	6622	6690
50	20	66	232	572	1179	2036	3070	4069	4783	5176	5303	5332
55	7	26	116	334	788	1495	2374	3218	3783	4044	4107	4118
60	2	9	50	170	479	1036	1759	2449	2868	3020	3046	3050
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	73	183	424	809	1412	2210	3119	4001	4678	5109	5310	5394

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

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