

Summary of Monthly Normals 1991-2020

Generated on 09/28/2021

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	49.9	27.7	38.8	3.8	3.0	3.1	5.4	3.2	1.5	0.2	0.0	0.0	507.5	567.3	658.5	812.3	0.0	0.0	17.1	2.7	22.3	0.1
02	54.4	31.3	42.9	5.2	3.6	4.2	19.6	12.8	5.5	0.8	0.3	0.1	359.8	408.9	485.6	620.9	0.0	0.0	17.0	2.0	17.2	0.1
03	63.2	39.8	51.5	4.2	4.2	4.0	78.2	56.7	32.6	9.4	1.3	0.5	186.7	227.3	296.2	428.0	0.0	0.1	26.8	0.5	7.3	0.0
04	71.4	48.2	59.8	3.4	3.3	3.2	196.2	155.8	104.4	42.4	11.6	5.9	52.2	71.8	110.3	198.3	0.0	0.5	29.4	0.0	1.1	0.0
05	78.8	58.4	68.6	3.0	2.6	2.6	425.4	365.9	281.4	159.8	70.2	44.6	3.8	6.3	14.8	48.2	0.1	2.8	30.9	0.0	0.0	0.0
06	87.2	67.3	77.3	3.2	2.0	2.5	667.4	607.5	517.4	368.3	224.2	170.8	0.0	0.0	0.0	0.9	0.6	11.8	30.0	0.0	0.0	0.0
07	92.5	71.2	81.8	3.4	1.9	2.5	832.2	770.3	677.2	522.2	368.2	307.4	0.0	0.0	0.0	0.0	4.1	22.2	31.0	0.0	0.0	0.0
08	92.1	70.2	81.2	4.1	2.3	3.1	810.5	748.5	655.5	500.6	347.4	287.8	0.0	0.0	0.0	0.1	4.7	22.2	31.0	0.0	0.0	0.0
09	84.2	62.2	73.2	3.7	3.1	3.2	546.8	487.8	401.2	264.3	148.1	110.3	0.8	1.9	5.3	18.4	0.7	8.7	30.0	0.0	0.0	0.0
10	73.7	50.3	62.0	3.3	2.7	2.7	254.1	208.0	148.2	71.3	24.6	14.2	37.1	53.0	86.1	164.3	0.0	0.9	30.6	0.0	0.6	0.0
11	61.8	38.8	50.3	4.6	3.4	3.7	58.8	40.9	22.5	5.5	0.6	0.1	199.8	241.9	313.5	446.5	0.0	0.0	26.1	0.2	8.4	0.0
12	51.6	30.6	41.1	3.7	3.0	3.1	7.8	4.3	1.4	0.1	0.0	0.0	438.6	497.1	587.2	740.8	0.0	0.0	18.2	2.0	19.5	0.0
Summary	71.7	49.7	60.7	3.8	2.9	3.2	3902	3462	2849	1945	1196	942	1786	2076	2558	3479	10.2	69.2	318.1	7.4	76.4	0.2

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	1.37	5.2	2.6	0.9	0.3	0.31	1.32	2.24
02	1.60	5.8	3.5	1.3	0.3	0.79	1.36	2.17
03	2.80	7.4	4.5	1.6	0.7	1.71	2.47	3.79
04	3.48	8.0	4.9	2.2	1.1	2.34	2.98	4.57
05	5.14	10.4	7.2	3.6	1.7	2.43	4.39	6.37
06	4.79	9.2	5.9	3.1	1.6	3.10	4.49	5.97
07	3.71	6.3	4.4	2.1	1.3	1.49	3.37	5.72
08	3.61	7.0	4.7	2.1	1.0	1.60	2.90	5.57
09	3.68	7.4	4.9	2.4	1.2	2.14	3.39	4.65
10	3.43	7.2	4.7	2.2	1.2	1.83	3.06	4.61
11	2.04	5.6	3.3	1.3	0.6	0.63	1.30	3.56
12	2.00	5.9	3.1	1.5	0.7	0.89	1.82	3.03
Summary	37.65	85.4	53.7	24.3	11.7	19.26	32.85	52.25

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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	1.2	0.9	0.4	0.1	0.0	0.0	1.0	0.4	0.2	0.0	0.0	0.2	1.4
02	1.2	1.3	0.4	0.1	0.0	0.0	0.8	0.2	0.0	0.0	0.0	0.2	1.0
03	0.2	0.3	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1
04	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
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	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
11	0.5	0.3	0.2	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.1
12	1.0	1.2	0.4	0.0	0.0	0.0	1.1	0.2	0.1	0.0	0.0	0.4	1.3
Summary	4.1	4.0	1.6	0.2	0.0	0.0	3.4	0.9	0.3	0.0	0.0	0.8	3.9

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U.S. Department of Commerce
 National Oceanic & Atmospheric Administration
 National Environmental Satellite, Data, and Information Service
 Current Location: Elev: 1128 ft. Lat: 35.1808° N Lon: -97.4378° W
 Station: **NORMAN 3SSE, OK US USC00346386**

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

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	104.7	166.3	378.8	595.7	886.6	1117.4	1297.2	1275.4	995.9	682.6	333.0	137.4
45	47.1	95.2	254.0	451.5	731.6	967.3	1142.2	1120.3	845.9	530.4	216.3	65.4
50	17.6	47.4	151.9	315.6	577.3	817.3	987.2	965.3	696.0	385.1	123.4	24.8
55	5.4	19.6	78.2	196.2	425.4	667.4	832.2	810.5	546.8	254.1	58.8	7.8
60	1.5	5.5	32.6	104.4	281.4	517.4	677.2	655.5	401.2	148.2	22.5	1.4
Growing Degree Units for Corn (Monthly)												
50/86	79.3	114.9	234.8	366.4	577.4	772.3	878.4	859.1	666.1	427.9	205.4	88.6

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	105	271	650	1246	2132	3250	4547	5822	6818	7501	7834	7971
45	47	142	396	848	1579	2547	3689	4809	5655	6185	6402	6467
50	18	65	217	532	1110	1927	2914	3880	4576	4961	5084	5109
55	5	25	103	299	725	1392	2224	3035	3582	3836	3895	3902
60	2	7	40	144	425	943	1620	2276	2677	2825	2847	2849
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	79	194	429	795	1373	2145	3024	3883	4549	4977	5182	5271

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

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