

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 3001 ft. Lat: 36.8594° N Lon: 101.2214° W

Station: **HOOKER, OK US USC00344298**

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	48.9	21.2	35.1	4.7	2.4	3.2	0.6	0.2	0.0	0.0	0.0	0.0	619.0	680.6	773.4	928.4	0.0	0.0	16.7	4.4	29.0	0.3
02	52.9	23.2	38.1	5.8	3.5	4.3	2.6	1.1	0.3	0.0	0.0	0.0	476.9	531.4	614.6	754.4	0.0	0.0	16.9	2.8	23.7	0.5
03	61.7	31.5	46.6	4.3	3.5	3.4	31.7	20.7	9.9	1.6	0.0	0.0	292.2	343.1	425.3	572.0	0.0	0.0	25.0	0.9	16.8	0.0
04	70.7	40.9	55.8	4.1	3.0	3.2	126.9	96.1	59.1	20.9	4.8	2.5	102.8	132.0	185.1	296.8	0.0	1.3	28.1	0.1	5.2	0.0
05	80.2	51.7	66.0	4.4	2.1	3.0	353.2	298.6	223.2	118.9	48.5	31.2	13.8	21.2	38.8	89.4	1.0	6.4	30.7	0.0	0.2	0.0
06	90.2	61.8	76.0	4.2	2.3	3.0	630.1	570.3	480.9	334.9	201.4	154.9	0.3	0.4	1.0	5.0	3.5	17.1	30.0	0.0	0.0	0.0
07	94.1	66.5	80.3	2.6	1.8	2.1	784.1	722.1	629.2	475.0	323.2	264.7	0.0	0.0	0.1	0.9	7.2	23.4	31.0	0.0	0.0	0.0
08	92.1	65.1	78.6	4.2	1.8	2.8	731.5	669.5	576.7	422.9	273.6	216.8	0.0	0.0	0.2	1.5	6.7	22.0	31.0	0.0	0.0	0.0
09	85.6	56.9	71.2	4.0	2.8	3.2	492.1	435.0	351.0	222.6	117.5	83.6	4.8	7.6	13.7	35.2	1.5	11.1	29.9	0.0	0.0	0.0
10	72.3	43.6	58.0	4.1	2.6	2.9	169.8	132.8	87.1	34.4	9.4	4.8	78.4	103.4	150.6	252.8	0.0	2.4	29.2	0.2	3.8	0.0
11	59.3	31.1	45.2	5.2	3.0	3.7	22.9	14.8	7.1	1.3	0.2	0.1	316.9	368.8	451.1	595.2	0.0	0.0	22.9	0.8	17.8	0.0
12	48.6	22.2	35.4	4.0	2.5	2.9	0.3	0.1	0.0	0.0	0.0	0.0	607.5	669.3	762.2	917.3	0.0	0.0	15.5	3.7	28.3	0.3
Summary	71.4	43.0	57.2	4.3	2.6	3.1	3346	2961	2424	1632	979	759	2513	2858	3416	4449	19.9	83.7	306.9	12.9	124.8	1.1

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	0.55	2.6	1.4	0.3	0.0	0.07	0.17	0.80	
02	0.43	2.7	1.2	0.3	0.0	0.04	0.29	0.66	
03	1.26	4.2	2.3	0.9	0.3	0.19	1.12	1.79	
04	1.40	5.1	3.1	0.7	0.2	0.54	1.00	1.81	
05	2.46	5.5	3.6	1.4	0.6	0.88	1.64	3.58	
06	2.91	7.0	5.0	1.9	0.6	2.07	2.59	3.62	
07	2.86	6.8	5.3	1.7	0.6	1.51	2.48	4.08	
08	2.35	6.7	4.2	1.5	0.5	1.29	1.89	3.26	
09	1.27	4.8	2.8	0.9	0.4	0.57	1.21	1.76	
10	1.98	4.3	2.8	1.0	0.4	0.80	1.34	2.45	
11	0.59	3.3	1.6	0.4	0.0	0.14	0.34	0.96	
12	1.05	3.6	2.1	0.5	0.3	0.32	0.59	1.16	
Summary	19.11	56.6	35.4	11.5	3.9	8.42	14.66	25.93	

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

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

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	3.90	2.4	1.6	0.6	0.4	0.0					0.30	3.50	6.30
02	3.10	1.9	0.9	0.3	0.1	0.0					0.20	1.40	3.10
03	4.30	1.4	1.0	0.5	0.3	0.0					0.00	1.40	7.00
04	0.30	0.2	0.2	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					0.00	0.00	0.00
06	0.00	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					0.00	0.00	0.00
08	0.00	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					0.00	0.00	0.00
10	0.40	0.1	0.1	0.1	0.0	0.0					0.00	0.00	0.00
11	1.00	0.6	0.5	0.1	0.0	0.0					0.00	0.00	2.00
12	4.00	2.0	1.4	0.2	0.1	0.0					1.20	2.50	4.70
Summary	17.0	8.6	5.7	1.8	0.9	0.0	0.0	0.0	0.0	0.0	1.7	8.8	23.1

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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	54.6	89.4	261.2	483.0	804.7	1079.8	1249.1	1196.4	937.3	564.8	215.3	55.6
45	17.8	37.8	157.2	346.7	650.2	929.9	1094.1	1041.5	787.7	418.6	124.1	19.1
50	4.7	12.3	78.9	224.7	498.2	780.0	939.1	886.5	638.8	283.9	59.3	4.1
55	0.6	2.6	31.7	126.9	353.2	630.1	784.1	731.5	492.1	169.8	22.9	0.3
60	0.0	0.3	9.9	59.1	223.2	480.9	629.2	576.7	351.0	87.1	7.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	75.7	104.3	209.7	319.0	500.5	691.1	802.9	775.3	597.2	362.1	171.2	70.2

Growing Degree Units (Accumulated Monthly)												
40	55	144	405	888	1693	2773	4022	5218	6156	6720	6936	6991
45	18	56	213	560	1210	2140	3234	4275	5063	5482	5606	5625
50	5	17	96	321	819	1599	2538	3424	4063	4347	4406	4410
55	1	3	35	162	515	1145	1929	2661	3153	3323	3346	3346
60	0	0	10	69	292	773	1403	1979	2330	2417	2424	2424
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	76	180	390	709	1209	1900	2703	3478	4076	4438	4609	4679

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