

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 1621 ft. Lat: 34.6808° N Lon: 99.8136° W
Station: **HOLLIS 5E, OK US USC00344249**

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	52.5	23.4	38.0	4.6	2.5	3.0	1.7	0.8	0.2	0.0	0.0	0.0	530.1	591.2	683.6	838.5	0.0	0.0	19.5	2.4	25.9	0.0
02	56.4	26.7	41.6	5.1	3.2	3.6	7.1	4.1	1.7	0.3	0.0	0.0	383.5	436.5	518.2	656.8	0.0	0.0	20.8	1.1	18.7	0.2
03	65.5	34.5	50.0	3.9	3.7	3.5	55.9	38.9	20.8	4.7	0.4	0.1	210.9	255.9	330.8	469.7	0.0	0.7	27.8	0.1	9.6	0.0
04	74.5	43.6	59.0	4.0	2.1	2.5	175.9	136.7	87.7	33.2	8.8	4.2	54.3	75.1	116.1	211.6	0.2	2.9	29.3	0.0	1.8	0.0
05	82.9	54.8	68.9	4.6	2.6	3.2	433.2	374.5	291.3	171.7	84.3	59.3	3.8	7.2	16.9	52.3	2.1	9.3	30.9	0.0	0.0	0.0
06	92.5	65.4	79.0	4.6	1.9	3.2	718.2	658.3	568.6	419.8	276.4	222.4	0.0	0.1	0.3	1.4	6.0	19.9	30.0	0.0	0.0	0.0
07	97.1	69.0	83.0	3.4	2.1	2.6	869.4	807.5	714.5	559.6	405.0	343.6	0.0	0.0	0.0	0.1	11.2	27.1	31.0	0.0	0.0	0.0
08	95.8	68.3	82.0	3.8	2.1	2.8	838.2	776.3	683.4	528.7	374.7	314.3	0.0	0.0	0.0	0.2	11.1	25.1	31.0	0.0	0.0	0.0
09	87.5	60.3	73.9	4.4	2.9	3.3	567.8	508.7	421.4	283.3	163.4	123.4	0.9	1.9	4.5	16.3	2.0	13.0	30.0	0.0	0.0	0.0
10	75.8	46.4	61.1	4.2	2.2	2.7	230.3	184.7	124.6	52.2	14.0	7.5	41.1	57.6	90.5	173.0	0.1	3.2	30.5	0.1	1.2	0.0
11	63.1	34.0	48.6	4.6	3.2	3.4	38.0	24.5	11.2	2.4	0.5	0.2	231.4	277.9	354.6	495.9	0.0	0.1	25.9	0.2	10.1	0.0
12	53.2	25.4	39.3	3.7	2.3	2.5	2.7	1.1	0.2	0.0	0.0	0.0	489.1	549.5	641.6	796.6	0.0	0.0	20.0	1.6	24.2	0.0
Summary	74.7	46.0	60.4	4.2	2.6	3.0	3938	3516	2926	2056	1328	1075	1945	2253	2757	3712	32.7	101.3	326.7	5.5	91.5	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	0.88	4.2	1.6	0.6	0.2	0.16	0.71	1.32	
02	1.02	4.6	2.1	0.7	0.2	0.26	0.64	1.26	
03	1.37	5.6	3.2	0.9	0.2	0.50	0.90	1.99	
04	2.51	5.3	3.6	1.6	0.8	0.84	1.96	3.17	
05	3.68	7.6	5.1	2.3	1.0	2.15	3.24	4.71	
06	3.56	7.5	5.7	2.8	1.1	1.64	3.27	4.98	
07	2.20	6.0	3.8	1.4	0.6	1.31	1.96	2.91	
08	3.19	6.8	3.9	2.0	0.9	1.14	2.60	4.29	
09	2.75	5.9	4.1	1.3	0.9	1.31	2.37	3.75	
10	2.36	6.0	3.6	1.5	0.9	0.93	1.84	3.45	
11	1.26	4.7	2.5	0.9	0.4	0.24	0.61	1.88	
12	1.01	4.2	2.0	0.9	0.3	0.28	0.74	1.57	
Summary	25.79	68.4	41.2	16.9	7.5	10.76	20.84	35.28	

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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	1.30	1.0	0.4	0.1	0.1	0.0					0.00	0.20	1.00
02	0.50	0.5	0.2	0.0	0.0	0.0					0.00	0.00	0.10
03	0.50	0.4	0.3	0.1	0.0	0.0					0.00	0.00	0.80
04	0.00	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					0.00	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	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
11	0.50	0.3	0.2	0.1	0.0	0.0					0.00	0.00	0.00
12	0.50	0.7	0.3	0.1	0.1	0.0					0.00	0.00	0.60
Summary	3.3	2.9	1.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.5

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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	83.6	130.5	337.9	573.5	894.4	1168.1	1334.4	1303.1	1016.8	656.1	284.7	96.1
45	33.2	62.8	215.5	428.0	739.4	1018.2	1179.5	1148.3	866.9	505.2	173.2	39.1
50	9.3	23.7	120.7	292.4	585.1	868.2	1024.5	993.3	716.9	360.8	91.1	12.7
55	1.7	7.1	55.9	175.9	433.2	718.2	869.4	838.2	567.8	230.3	38.0	2.7
60	0.2	1.7	20.8	87.7	291.3	568.6	714.5	683.4	421.4	124.6	11.2	0.2
Growing Degree Units for Corn (Monthly)												
50/86	103.9	131.0	254.8	375.5	563.6	755.1	848.4	833.9	657.6	421.5	212.1	103.7

Growing Degree Units (Accumulated Monthly)												
40	84	214	552	1126	2020	3188	4522	5826	6842	7498	7783	7879
45	33	96	312	740	1479	2497	3677	4825	5692	6197	6370	6409
50	9	33	154	446	1031	1899	2924	3917	4634	4995	5086	5099
55	2	9	65	241	674	1392	2261	3100	3667	3898	3936	3938
60	0	2	23	110	402	970	1685	2368	2790	2914	2925	2926
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	104	235	490	865	1429	2184	3032	3866	4524	4945	5157	5261

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

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