

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 902 ft. Lat: 34.2333° N Lon: 97.4203° W

Station: HEALDTON 3 E, OK US USC00344001

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	52.6	26.5	39.6	3.7	3.1	3.0	6.5	3.7	1.5	0.2	0.0	0.0	485.3	544.5	635.3	789.1	0.0	0.0	19.3	1.9	21.7	0.1
02	57.1	30.9	44.0	5.0	3.2	3.8	20.8	13.0	5.6	1.1	0.3	0.2	328.7	376.9	453.5	589.1	0.0	0.1	20.3	1.2	14.2	0.0
03	65.1	38.7	51.9	4.2	4.4	4.1	84.1	61.2	35.2	9.7	1.4	0.6	180.2	219.3	286.3	415.8	0.0	0.3	27.8	0.3	7.3	0.0
04	73.8	47.0	60.4	3.1	3.1	2.9	208.0	165.4	110.7	45.1	11.8	5.7	46.0	63.4	98.7	183.1	0.0	0.5	29.5	0.0	1.3	0.0
05	80.8	57.3	69.1	3.1	2.3	2.5	439.5	380.0	295.0	170.5	76.0	49.2	3.9	6.5	14.5	44.9	0.1	4.0	30.9	0.0	0.1	0.0
06	89.2	66.0	77.6	3.0	2.4	2.4	677.9	617.9	528.0	378.6	234.0	180.3	0.0	0.0	0.1	0.7	0.9	15.9	30.0	0.0	0.0	0.0
07	94.7	69.4	82.1	3.4	2.1	2.6	838.5	776.5	683.5	528.5	374.3	313.3	0.0	0.0	0.0	0.0	6.8	25.4	31.0	0.0	0.0	0.0
08	94.6	68.3	81.5	4.4	2.4	3.2	819.7	757.7	664.7	510.0	356.0	295.8	0.0	0.0	0.0	0.2	7.9	24.5	31.0	0.0	0.0	0.0
09	86.7	60.4	73.6	3.9	3.1	3.0	557.4	498.6	411.6	275.3	156.9	116.7	1.0	2.1	5.1	18.8	1.4	11.9	30.0	0.0	0.0	0.0
10	76.2	48.3	62.3	3.3	3.0	2.5	262.2	215.9	153.7	72.9	25.7	14.7	37.4	53.1	83.9	158.1	0.0	1.7	30.5	0.0	1.3	0.0
11	64.4	37.5	50.9	4.2	3.7	3.5	69.2	49.3	27.1	7.2	1.4	0.5	190.7	230.8	298.6	428.7	0.0	0.0	26.8	0.1	9.2	0.0
12	54.3	28.9	41.6	3.3	3.2	2.8	12.2	7.7	3.4	0.5	0.0	0.0	427.4	484.9	573.6	725.8	0.0	0.0	20.2	1.2	19.3	0.0
Summary	74.1	48.3	61.2	3.7	3.0	3.0	3996	3547	2920	2000	1238	977	1701	1982	2450	3354	17.1	84.3	327.3	4.7	74.4	0.1

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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

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	1.75	5.1	3.7	1.3	0.4	0.72	1.62	2.54
02	2.05	5.9	3.9	1.4	0.4	1.06	1.86	2.60
03	2.76	6.7	4.5	1.7	0.9	1.67	2.64	3.40
04	3.26	6.6	4.9	2.1	1.0	2.08	2.77	3.79
05	5.20	8.7	6.8	3.4	1.9	2.81	4.38	6.78
06	3.92	7.2	5.4	2.5	1.2	2.58	3.26	4.78
07	2.82	5.3	3.8	1.9	0.9	0.66	2.42	4.48
08	2.63	5.7	4.2	1.5	0.9	1.14	2.35	3.61
09	3.71	6.6	4.7	2.5	1.4	1.63	3.14	5.64
10	3.85	6.4	4.6	2.5	1.0	1.88	2.97	5.06
11	2.69	5.2	3.4	1.6	0.7	0.64	1.62	3.85
12	2.35	5.7	3.4	1.8	0.6	1.11	2.16	3.29
Summary	36.99	75.1	53.3	24.2	11.3	17.98	31.19	49.82

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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	0.60	0.5	0.5	0.1	0.0	0.0	0.9	0.4	0.2	0.0	0.00	0.00	1.00
02	0.50	0.4	0.2	0.1	0.0	0.0	0.5	0.1	0.0	0.0	0.00	0.00	0.70
03	0.10	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
04	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
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	0.20	0.2	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
12	0.80	0.4	0.3	0.0	0.0	0.0	0.6	0.3	0.3	0.0	0.00	0.00	1.00
Summary	2.2	1.7	1.1	0.2	0.0	0.0	2.4	0.9	0.5	0.0	0.0	0.0	2.7

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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	116.1	184.4	392.1	613.8	900.6	1127.8	1303.4	1284.6	1006.4	691.3	351.8	145.8
45	54.8	105.5	265.6	468.7	745.7	977.8	1148.4	1129.7	856.4	539.8	233.9	74.0
50	21.5	52.6	161.1	330.8	591.4	827.9	993.5	974.7	706.5	394.4	138.0	32.5
55	6.5	20.8	84.1	208.0	439.5	677.9	838.5	819.7	557.4	262.2	69.2	12.2
60	1.5	5.6	35.2	110.7	295.0	528.0	683.5	664.7	411.6	153.7	27.1	3.4
Growing Degree Units for Corn (Monthly)												
50/86	103.2	139.1	256.8	393.6	589.9	762.3	854.2	834.3	659.9	451.5	237.7	115.8

Growing Degree Units (Accumulated Monthly)												
40	116	300	693	1306	2207	3335	4638	5923	6929	7621	7972	8118
45	55	160	426	895	1640	2618	3767	4896	5753	6292	6526	6600
50	22	74	235	566	1157	1985	2979	3954	4660	5054	5192	5225
55	6	27	111	319	759	1437	2275	3095	3652	3915	3984	3996
60	2	7	42	153	448	976	1660	2324	2736	2889	2917	2920
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	103	242	499	893	1483	2245	3099	3933	4593	5045	5282	5398

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