

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 825 ft. Lat: 36.5044° N Lon: 96.7439° W

Station: RALSTON, OK US USC00347390

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	49.1	24.0	36.6	4.3	3.2	3.3	4.2	2.7	1.3	0.3	0.0	0.0	575.9	636.4	728.1	882.0	0.0	0.0	15.7	3.6	25.2	0.5
02	54.5	28.3	41.4	5.3	3.8	4.2	15.2	10.1	5.3	1.7	0.2	0.1	395.9	446.8	526.0	662.4	0.0	0.0	17.9	1.7	19.7	0.2
03	64.0	37.4	50.7	4.3	4.1	4.0	74.6	55.3	33.7	11.9	2.9	1.4	207.9	250.7	322.0	455.3	0.0	0.1	26.9	0.4	11.4	0.0
04	73.0	47.0	60.0	3.2	3.4	3.1	201.0	160.5	109.5	48.1	15.6	8.6	51.0	70.5	109.5	198.1	0.0	0.6	29.5	0.0	2.6	0.0
05	80.0	57.6	68.8	3.4	3.0	3.0	430.9	372.1	288.8	168.7	79.8	53.6	3.1	6.3	16.0	50.9	0.1	3.6	30.9	0.0	0.1	0.0
06	88.6	66.8	77.7	3.3	2.4	2.6	680.9	620.9	531.0	382.2	239.9	187.3	0.0	0.0	0.1	1.3	0.8	13.0	30.0	0.0	0.0	0.0
07	94.1	70.8	82.5	3.9	2.4	2.9	850.8	788.8	695.8	540.8	386.7	326.0	0.0	0.0	0.0	0.0	5.5	24.4	31.0	0.0	0.0	0.0
08	93.3	68.6	81.0	4.3	2.3	3.0	804.3	742.3	649.3	494.4	341.2	282.3	0.0	0.0	0.0	0.1	5.6	21.2	31.0	0.0	0.0	0.0
09	85.8	60.2	73.0	3.7	3.5	3.2	541.2	482.5	396.1	260.4	146.9	110.3	1.2	2.6	6.2	20.5	1.1	9.7	30.0	0.0	0.0	0.0
10	75.0	47.9	61.4	3.6	2.9	2.7	242.4	197.5	139.4	66.1	23.8	14.5	42.4	59.5	94.5	176.2	0.0	1.4	30.6	0.0	2.1	0.0
11	62.3	35.6	48.9	5.0	4.2	4.1	49.6	35.2	19.8	6.0	1.1	0.6	231.1	276.6	351.2	487.4	0.0	0.0	25.6	0.1	13.0	0.0
12	50.9	27.0	39.0	4.1	3.5	3.4	8.0	5.6	2.9	0.4	0.0	0.0	505.3	564.9	655.2	807.7	0.0	0.0	17.3	2.1	22.8	0.2
Summary	72.5	47.6	60.1	4.0	3.2	3.3	3903	3473	2873	1981	1238	985	2014	2314	2809	3742	13.1	74.0	316.4	7.9	96.9	0.9

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	1.22	3.1	2.6	0.9	0.3	0.27	1.06	2.32
02	1.57	3.5	3.1	1.1	0.4	0.78	1.36	2.43
03	2.76	5.3	4.4	1.9	0.9	0.96	1.93	4.37
04	4.06	6.2	5.7	2.5	1.2	2.18	3.71	5.04
05	5.36	8.4	7.6	3.3	1.7	2.88	3.91	7.53
06	4.50	6.4	5.7	3.2	1.3	2.08	3.77	5.84
07	3.75	5.1	4.7	2.5	1.4	2.41	3.22	4.81
08	3.95	5.4	5.1	2.3	1.5	1.75	3.81	5.39
09	3.39	5.6	5.0	2.3	1.2	2.29	2.80	4.35
10	3.08	5.2	5.0	2.0	0.8	1.77	2.63	4.02
11	1.94	3.9	3.4	1.5	0.5	0.66	1.25	3.30
12	1.86	3.8	3.3	1.1	0.5	0.82	1.55	2.56
Summary	37.44	61.9	55.6	24.6	11.7	18.85	31.00	51.96

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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	1.40	1.2	0.7	0.1	0.0	0.0	2.3	1.0	0.3	0.0	0.00	0.30	2.50
02	1.70	0.8	0.6	0.3	0.1	0.0	1.7	0.9	0.4	0.2	0.00	0.30	1.80
03	1.60	0.8	0.5	0.2	0.0	0.0	0.9	0.4	0.1	0.0	0.00	0.30	2.30
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	0.00	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
12	2.40	1.1	0.7	0.3	0.2	0.1	2.8	1.5	1.0	0.4	0.00	0.00	3.00
Summary	7.1	4.0	2.5	0.9	0.3	0.1	7.8	3.8	1.8	0.6	0.0	0.9	9.6

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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	74.9	140.5	359.7	601.1	892.8	1130.8	1315.7	1269.2	989.9	666.2	298.3	101.1
45	31.3	75.9	238.6	456.3	737.9	980.9	1160.8	1114.3	839.9	514.7	187.3	46.1
50	12.0	35.9	141.9	319.9	583.3	830.9	1005.8	959.3	690.1	370.8	105.1	19.4
55	4.2	15.2	74.6	201.0	430.9	680.9	850.8	804.3	541.2	242.4	49.6	8.0
60	1.3	5.3	33.7	109.5	288.8	531.0	695.8	649.3	396.1	139.4	19.8	2.9
Growing Degree Units for Corn (Monthly)												
50/86	73.8	115.7	246.3	387.5	587.8	770.5	875.2	837.6	656.1	437.6	208.5	83.8
Growing Degree Units (Accumulated Monthly)												
40	75	215	575	1176	2069	3200	4516	5785	6775	7441	7739	7840
45	31	107	346	802	1540	2521	3682	4796	5636	6151	6338	6384
50	12	48	190	510	1093	1924	2930	3889	4579	4950	5055	5074
55	4	19	94	295	726	1407	2258	3062	3603	3845	3895	3903
60	1	7	40	150	439	970	1665	2315	2711	2850	2870	2873
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	74	190	436	823	1411	2182	3057	3894	4550	4988	5197	5280

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