

Summary of Monthly Normals
1981-2010

Generated on 04/27/2024

Current Location: Elev: 958 ft. Lat: 35.7062° N Lon: 96.8801° W

Station: CHANDLER, OK US USC00341684

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	51.2	24.2	37.7	4.6	3.8	3.9	5	3	1	-7777	0	0	541	601	692	846	0.0	0.0	17.7	2.4	24.8	0.3
02	55.9	27.9	41.9	5.5	3.6	4.3	15	9	4	-7777	-7777	0	381	432	510	647	0.0	0.0	19.1	1.1	18.7	0.2
03	64.7	36.3	50.5	3.9	3.9	3.5	69	50	28	8	1	-7777	208	251	323	457	0.0	0.1	27.3	0.2	10.9	0.0
04	73.8	45.7	59.7	3.5	3.6	3.2	196	157	107	48	14	7	54	74	115	205	-7777	0.7	29.7	0.0	2.0	0.0
05	81.1	56.2	68.7	2.8	2.7	2.5	425	365	280	156	66	42	2	4	12	43	0.0	3.1	31.0	0.0	0.1	0.0
06	88.7	64.9	76.8	3.1	2.6	2.5	654	594	504	356	214	163	-7777	-7777	-7777	2	0.6	13.3	30.0	0.0	0.0	0.0
07	94.5	69.6	82.1	2.9	1.8	2.1	838	776	683	528	374	313	0	0	0	-7777	5.6	24.6	31.0	0.0	0.0	0.0
08	94.3	68.3	81.3	3.9	2.4	3.0	815	753	660	505	353	294	0	0	0	-7777	6.1	23.1	31.0	0.0	0.0	0.0
09	86.0	59.4	72.7	3.5	2.8	2.9	533	475	389	255	141	105	2	4	8	24	1.1	10.6	30.0	0.0	0.0	0.0
10	75.4	47.7	61.5	3.2	3.0	2.4	239	192	132	57	16	8	36	51	84	164	0.0	1.1	30.8	0.0	1.5	0.0
11	63.7	36.5	50.1	4.2	3.8	3.7	61	43	24	6	1	-7777	208	250	321	453	0.0	0.0	26.1	0.1	10.8	0.0
12	52.1	26.5	39.3	4.8	4.4	4.3	5	3	1	-7777	0	0	492	551	642	797	0.0	0.0	18.6	1.8	22.2	0.2
Summary	73.5	46.9	60.2	3.8	3.2	3.2	3855	3420	2813	1919	1180	932	1924	2218	2707	3638	13.4	76.6	322.3	5.6	91.0	0.7

-7777: a non-zero value that would round to zero

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	1.29	2.9	2.6	1.0	0.3	0.45	0.89	1.67
02	1.82	3.3	2.9	1.3	0.6	0.63	1.59	2.95
03	3.21	5.3	4.4	2.4	1.1	1.78	2.85	4.18
04	3.35	4.9	4.2	2.2	1.0	1.50	2.91	4.52
05	5.09	6.8	6.2	3.0	1.6	2.90	4.64	7.03
06	4.87	6.4	5.4	3.4	1.8	2.85	4.25	6.70
07	2.71	4.1	3.4	1.8	0.8	1.00	2.63	4.06
08	2.94	4.7	4.3	2.2	1.3	1.56	2.59	4.06
09	3.80	5.3	4.6	2.6	1.2	2.00	3.77	5.30
10	3.69	5.1	4.3	2.1	1.2	1.21	2.63	5.50
11	2.58	4.4	3.9	1.7	0.9	1.15	2.28	3.55
12	1.95	3.6	3.1	1.4	0.6	0.70	1.79	2.80
Summary	37.30	56.8	49.3	25.1	12.4	17.73	32.82	52.32

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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	1.9	0.6	0.5	0.3	0.2	-7777	0.7	0.4	0.2	0.0	0.0	0.0	3.0
02	0.8	0.3	0.3	0.2	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0
03	0.3	0.1	0.1	-7777	-7777	0.0	0.1	-7777	-7777	0.0	0.0	0.0	0.0
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	-7777	-7777	-7777	0.0	0.0	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
11	0.3	0.2	0.1	0.1	0.0	0.0	0.1	0.1	-7777	0.0	0.0	0.0	0.0
12	0.6	0.3	0.3	0.1	0.1	0.0	0.2	0.2	0.1	0.0	0.0	0.0	0.0
Summary	3.9	1.5	1.3	0.7	0.3	0.0	1.4	0.9	0.3	0.0	0.0	0.0	3.0

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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	96	152	351	594	888	1104	1303	1280	981	669	327	109
45	44	83	230	449	733	954	1148	1125	831	516	212	49
50	17	39	135	314	578	804	993	970	681	370	123	18
55	5	15	69	196	425	654	838	815	533	239	61	5
60	1	4	28	107	280	504	683	660	389	132	24	1
Growing Degree Units for Corn (Monthly)												
50/86	91	127	247	386	581	743	858	834	642	431	225	93

Growing Degree Units (Accumulated Monthly)												
40	96	248	599	1193	2081	3185	4488	5768	6749	7418	7745	7854
45	44	127	357	806	1539	2493	3641	4766	5597	6113	6325	6374
50	17	56	191	505	1083	1887	2880	3850	4531	4901	5024	5042
55	5	20	89	285	710	1364	2202	3017	3550	3789	3850	3855
60	1	5	33	140	420	924	1607	2267	2656	2788	2812	2813
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	91	218	465	851	1432	2175	3033	3867	4509	4940	5165	5258

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