

Summary of Monthly Normals
1991-2020

Current Location: Elev: 992 ft. Lat: 37.6728° N Lon: 95.3783° W
Station: CHANUTE 4E, KS US USC00141428
Generated on 04/29/2024

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	41.2	21.9	31.5	4.4	3.4	3.7	1.2	0.7	0.3	0.0	0.0	0.0	727.9	789.4	881.9	1036.7	0.0	0.0	10.8	7.0	27.2	1.0
02	46.6	25.6	36.1	5.9	4.4	4.9	3.9	2.1	0.7	0.1	0.0	0.0	533.0	587.2	669.8	809.1	0.0	0.0	12.5	4.2	21.6	0.2
03	56.7	34.6	45.7	4.5	4.4	4.2	31.2	21.3	11.2	2.8	0.1	0.0	321.1	373.2	456.2	602.7	0.0	0.0	22.4	0.9	12.1	0.0
04	65.9	44.0	55.0	3.5	3.4	3.3	111.9	83.2	49.8	16.1	3.3	1.3	113.4	144.7	201.3	317.6	0.0	0.1	27.9	0.0	2.9	0.0
05	74.1	55.1	64.6	3.1	2.9	2.8	312.2	259.5	187.6	92.6	31.7	17.5	14.6	23.9	45.0	105.1	0.0	0.7	30.8	0.0	0.0	0.0
06	83.6	64.6	74.1	2.7	2.3	2.4	572.9	513.1	424.1	279.4	148.5	104.5	0.1	0.3	1.2	6.6	0.0	7.1	30.0	0.0	0.0	0.0
07	88.2	69.1	78.7	3.2	2.3	2.6	733.0	671.0	578.0	423.2	272.9	215.9	0.0	0.0	0.0	0.2	2.1	17.0	31.0	0.0	0.0	0.0
08	87.8	66.8	77.3	4.0	2.8	3.2	691.1	629.1	536.3	382.5	237.4	184.4	0.0	0.0	0.2	1.4	3.5	15.8	31.0	0.0	0.0	0.0
09	80.6	58.4	69.5	3.4	3.1	2.9	438.5	381.4	299.5	177.5	85.0	57.7	3.6	6.5	14.6	42.7	0.7	5.8	30.0	0.0	0.0	0.0
10	68.7	46.4	57.6	3.4	2.6	2.7	161.4	125.8	81.8	31.3	8.0	4.1	82.3	108.7	157.7	262.2	0.0	0.3	29.5	0.1	2.1	0.0
11	55.7	35.2	45.4	5.3	4.0	4.3	27.2	17.8	8.4	1.5	0.1	0.0	313.7	364.3	444.9	588.1	0.0	0.0	23.5	0.5	12.0	0.0
12	44.3	25.6	35.0	4.2	3.6	3.7	2.5	1.4	0.5	0.0	0.0	0.0	623.9	684.8	776.8	931.3	0.0	0.0	12.7	5.2	23.7	0.3
Summary	66.1	45.6	55.9	4.0	3.3	3.4	3087	2706	2178	1407	787	585	2734	3083	3650	4704	6.3	46.8	292.1	17.9	101.6	1.5

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	1.52	4.3	2.8	0.8	0.3	0.63	1.19	2.40
02	1.73	5.2	3.3	1.0	0.5	0.69	1.78	2.51
03	2.80	7.2	5.3	2.2	0.7	1.60	2.40	3.98
04	4.42	8.4	5.9	2.7	1.1	2.75	4.01	5.19
05	7.09	9.7	7.9	4.5	1.8	4.86	5.92	8.62
06	5.29	8.3	6.4	3.5	1.6	3.35	4.89	6.83
07	4.68	6.3	4.9	2.3	1.0	2.72	3.60	5.79
08	4.46	7.4	5.1	2.4	1.2	1.57	3.33	6.09
09	4.79	6.2	4.9	2.4	1.5	1.77	4.58	6.75
10	3.87	7.0	5.4	2.8	1.4	2.56	3.25	4.96
11	2.19	4.4	2.8	1.0	0.6	0.82	1.61	2.87
12	1.81	4.8	2.8	1.3	0.4	1.04	1.55	2.85
Summary	44.65	79.2	57.5	26.9	12.1	24.36	38.11	58.84

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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	3.20	1.8	1.3	0.5	0.2	0.0					0.80	1.70	6.10
02	1.60	1.4	0.6	0.1	0.0	0.0					0.00	0.70	2.20
03	1.60	0.6	0.4	0.2	0.1	0.0					0.00	0.00	1.60
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	0.10	0.1	0.1	0.0	0.0	0.0					0.00	0.00	0.00
12	3.20	1.3	0.9	0.4	0.3	0.0					0.00	0.40	5.80
Summary	9.7	5.2	3.3	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.8	2.8	15.7

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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	39.4	75.1	238.2	458.3	762.7	1022.7	1197.8	1155.9	884.8	547.5	224.0	61.1
45	14.4	35.0	141.8	324.3	608.6	872.8	1042.9	1001.0	734.8	401.6	130.3	24.3
50	4.5	14.0	72.7	205.8	456.5	722.9	888.0	846.1	585.3	269.1	64.2	8.8
55	1.2	3.9	31.2	111.9	312.2	572.9	733.0	691.1	438.5	161.4	27.2	2.5
60	0.3	0.7	11.2	49.8	187.6	424.1	578.0	536.3	299.5	81.8	8.4	0.5
Growing Degree Units for Corn (Monthly)												
50/86	32.1	57.4	152.8	268.5	472.3	702.9	830.0	784.2	576.7	329.2	129.7	39.6

Growing Degree Units (Accumulated Monthly)												
40	39	114	353	811	1574	2596	3794	4950	5835	6382	6606	6668
45	14	49	191	516	1124	1997	3040	4041	4776	5177	5308	5332
50	4	18	91	297	754	1476	2364	3210	3796	4065	4129	4138
55	1	5	36	148	460	1033	1766	2457	2896	3057	3084	3087
60	0	1	12	62	250	674	1252	1788	2088	2169	2178	2178
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	32	90	242	511	983	1686	2516	3300	3877	4206	4336	4375

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