

Summary of Monthly Normals
1991-2020

Current Location: Elev: 2672 ft. Lat: 39.0667° N Lon: 100.2389° W
Station: **QUINTER, KS US USC00146637**
Generated on 04/30/2024

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	40.7	17.4	29.1	4.9	3.5	3.8	0.1	0.0	0.0	0.0	0.0	0.0	804.5	866.4	959.4	1114.4	0.0	0.0	9.9	8.7	30.0	1.9
02	43.7	20.0	31.9	7.0	4.7	5.5	1.1	0.4	0.1	0.0	0.0	0.0	649.1	704.5	788.2	928.1	0.0	0.0	11.6	6.4	25.6	1.1
03	54.6	28.1	41.3	5.6	4.0	4.4	14.6	9.2	3.9	0.4	0.0	0.0	437.9	494.4	582.1	733.6	0.0	0.0	20.8	2.2	20.8	0.5
04	63.8	37.1	50.5	3.6	3.1	3.1	60.7	42.6	23.1	5.8	0.9	0.4	197.2	239.1	309.6	442.3	0.0	0.4	25.3	0.3	7.8	0.0
05	73.6	48.4	61.0	3.9	2.4	3.0	232.4	188.7	131.2	59.9	19.6	11.1	46.4	64.7	100.2	183.9	0.1	2.7	30.3	0.0	0.6	0.0
06	85.0	59.4	72.2	3.7	2.4	2.9	517.5	458.7	372.3	237.2	125.0	89.2	1.6	2.9	6.4	21.4	1.4	11.7	30.0	0.0	0.0	0.0
07	89.9	64.8	77.4	3.3	2.0	2.6	692.7	630.7	538.1	385.1	239.7	187.1	0.0	0.0	0.4	2.4	4.5	18.8	31.0	0.0	0.0	0.0
08	87.1	62.7	74.9	3.4	2.1	2.6	616.9	555.1	462.8	312.4	176.0	129.7	0.1	0.2	0.9	5.6	1.8	14.6	31.0	0.0	0.0	0.0
09	79.7	53.6	66.7	3.6	3.2	3.2	364.2	311.4	237.3	132.7	58.7	38.6	14.8	22.0	37.8	83.3	0.4	6.5	29.7	0.0	0.2	0.0
10	66.2	40.2	53.2	4.4	2.9	3.4	99.8	73.5	43.0	13.7	2.7	1.3	155.6	191.3	253.7	379.4	0.0	0.8	27.9	0.6	5.7	0.0
11	52.9	28.1	40.5	5.5	3.3	4.1	10.1	5.7	1.9	0.3	0.0	0.0	445.1	500.7	587.0	735.3	0.0	0.0	19.1	2.2	20.7	0.0
12	42.0	19.5	30.8	4.4	3.4	3.5	0.1	0.0	0.0	0.0	0.0	0.0	751.6	813.6	906.7	1061.6	0.0	0.0	10.6	6.9	29.7	1.2
Summary	64.9	39.9	52.5	4.4	3.1	3.5	2610	2276	1814	1148	623	457	3504	3900	4532	5691	8.2	55.5	277.2	27.3	141.1	4.7

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	0.48	3.0	1.4	0.2	0.0	0.15	0.37	0.66	
02	0.73	4.2	2.1	0.3	0.0	0.28	0.70	1.10	
03	1.30	5.4	3.1	0.7	0.2	0.59	1.02	1.89	
04	1.97	7.7	4.3	1.4	0.3	1.11	1.76	2.46	
05	3.84	9.1	6.1	2.3	1.0	2.03	2.71	5.14	
06	3.04	8.3	5.5	2.0	0.7	2.04	2.98	3.78	
07	3.57	8.1	5.3	2.0	0.9	1.86	3.55	4.34	
08	3.21	7.9	5.0	2.0	0.9	1.89	2.47	4.14	
09	1.83	6.1	3.3	1.1	0.5	0.91	1.68	2.35	
10	1.85	5.8	3.3	1.1	0.5	0.44	1.09	3.09	
11	0.86	3.9	1.7	0.3	0.1	0.25	0.69	1.04	
12	0.83	3.6	1.5	0.3	0.2	0.12	0.50	1.24	
Summary	23.51	73.1	42.6	13.7	5.3	11.67	19.52	31.23	

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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	3.70	1.8	1.4	0.3	0.2	0.0	6.4	2.7	0.7	0.0	1.40	3.40	4.80
02	5.20	2.6	1.9	0.6	0.3	0.1	7.1	3.7	1.7	0.4	1.20	4.00	8.20
03	3.90	1.7	1.3	0.6	0.1	0.0	2.3	1.0	0.5	0.0	0.00	1.00	6.00
04	0.80	0.5	0.3	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.00	0.00	0.90
05	0.20	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	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	0.70	0.3	0.2	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.00	0.00	0.00
11	1.60	1.2	0.9	0.2	0.0	0.0	1.3	0.3	0.0	0.0	0.00	1.00	2.50
12	4.10	2.5	1.7	0.5	0.2	0.0	6.8	3.0	1.0	0.0	1.20	2.00	5.60
Summary	20.2	10.7	7.8	2.3	0.8	0.1	24.8	10.9	4.0	0.4	3.8	11.4	28.0

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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	21.4	45.2	164.6	340.3	651.9	965.8	1157.7	1081.8	799.6	429.5	136.0	27.3
45	5.8	17.7	89.1	221.9	500.4	815.8	1002.7	926.8	651.1	297.9	71.5	7.1
50	1.1	5.6	40.4	126.8	358.8	666.2	847.6	771.7	504.6	185.9	31.8	1.4
55	0.1	1.1	14.6	60.7	232.4	517.5	692.7	616.9	364.2	99.8	10.1	0.1
60	0.0	0.1	3.9	23.1	131.2	372.3	538.1	462.8	237.3	43.0	1.9	0.0
Growing Degree Units for Corn (Monthly)												
50/86	32.6	49.9	136.9	227.7	395.6	622.2	761.3	713.1	502.8	272.7	109.1	33.4

Growing Degree Units (Accumulated Monthly)												
40	21	67	231	572	1223	2189	3347	4429	5228	5658	5794	5821
45	6	24	113	334	835	1651	2653	3580	4231	4529	4601	4608
50	1	7	47	174	533	1199	2046	2818	3323	3509	3540	3542
55	0	1	16	76	309	826	1519	2136	2500	2600	2610	2610
60	0	0	4	27	158	531	1069	1532	1769	1812	1814	1814
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	33	82	219	447	843	1465	2226	2939	3442	3715	3824	3857

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

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