

Summary of Monthly Normals
1991-2020

Current Location: Elev: 3634 ft. Lat: 38.4661° N Lon: 101.7731° W
Station: TRIBUNE 1W, KS US USC00148235
Generated on 06/03/2024

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	44.2	16.1	30.2	5.0	3.2	3.7	0.1	0.0	0.0	0.0	0.0	0.0	770.4	832.3	925.3	1080.3	0.0	0.0	13.1	6.5	30.6	2.3
02	47.2	18.7	33.0	6.7	3.9	4.8	0.8	0.3	0.1	0.0	0.0	0.0	618.0	673.5	757.3	897.3	0.0	0.0	14.0	4.9	26.8	1.3
03	56.9	26.5	41.7	4.5	3.2	3.3	11.1	6.1	2.3	0.2	0.0	0.0	423.5	480.5	569.6	722.6	0.0	0.0	22.6	1.8	24.2	0.3
04	64.9	34.6	49.8	3.8	2.8	2.9	51.6	34.4	16.6	3.4	0.6	0.2	208.9	251.8	324.0	460.9	0.0	0.3	26.1	0.3	12.1	0.0
05	74.6	46.0	60.3	4.1	2.0	2.8	215.0	172.3	116.8	49.7	15.6	8.7	50.6	70.0	107.4	195.4	0.3	3.6	30.3	0.0	1.2	0.0
06	86.2	56.6	71.4	4.2	2.2	3.0	494.4	436.1	350.6	219.1	111.6	78.1	2.6	4.3	8.8	27.2	2.8	13.5	30.0	0.0	0.0	0.0
07	91.4	61.7	76.5	3.0	1.9	2.2	667.8	605.8	513.2	361.2	215.8	163.2	0.0	0.0	0.4	3.3	6.2	20.8	31.0	0.0	0.0	0.0
08	88.2	59.8	74.0	3.6	2.1	2.6	589.0	527.2	435.1	285.8	152.7	108.8	0.1	0.4	1.3	6.9	2.5	16.7	31.0	0.0	0.0	0.0
09	81.4	50.8	66.1	3.8	2.6	3.0	349.6	297.2	223.5	121.2	48.7	30.1	16.8	24.3	40.7	88.3	0.6	8.6	29.7	0.0	0.3	0.0
10	68.3	36.7	52.5	4.3	2.7	3.1	87.9	63.8	36.1	9.8	1.6	0.7	165.3	203.1	268.4	397.3	0.0	1.3	28.3	0.5	9.8	0.0
11	54.7	25.6	40.2	5.8	2.7	3.8	7.6	4.1	1.5	0.1	0.0	0.0	453.1	509.6	597.0	745.6	0.0	0.0	20.2	1.8	24.3	0.2
12	44.8	17.2	31.0	4.3	2.8	3.1	0.1	0.0	0.0	0.0	0.0	0.0	743.9	805.8	898.7	1053.8	0.0	0.0	13.1	5.1	30.5	1.4
Summary	66.9	37.5	52.2	4.4	2.7	3.2	2475	2147	1696	1050	547	390	3453	3856	4499	5679	12.4	64.8	289.4	20.9	159.8	5.5

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	0.43	3.1	1.2	0.2	0.0	0.16	0.35	0.52
02	0.54	3.4	1.7	0.1	0.0	0.25	0.46	0.68
03	0.99	4.5	2.4	0.6	0.1	0.49	0.97	1.42
04	1.66	6.2	3.7	0.9	0.4	0.50	1.39	2.20
05	2.23	7.6	4.9	1.4	0.4	1.04	1.64	3.59
06	2.77	7.7	5.3	1.8	0.7	1.52	2.53	3.55
07	3.14	8.2	5.4	2.1	1.0	2.14	3.46	4.23
08	2.87	8.0	5.3	1.8	0.7	1.66	2.74	3.74
09	1.13	5.0	2.5	0.7	0.3	0.44	0.91	1.48
10	1.59	4.9	2.8	1.2	0.3	0.33	1.12	2.65
11	0.53	3.2	1.6	0.2	0.0	0.08	0.26	0.66
12	0.56	3.2	1.6	0.3	0.1	0.12	0.30	0.71
Summary	18.44	65.0	38.4	11.3	4.0	8.73	16.13	25.43

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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	4.20	2.5	1.4	0.5	0.2	0.0	6.5	3.0	1.9	0.5	1.90	3.60	5.20
02	4.20	2.5	1.8	0.5	0.1	0.0	5.8	2.9	1.5	0.0	0.30	4.00	5.70
03	3.60	1.9	1.3	0.5	0.2	0.0	3.1	1.2	0.5	0.0	0.20	2.30	6.40
04	2.10	0.7	0.6	0.3	0.2	0.0	0.8	0.3	0.2	0.0	0.00	0.00	2.00
05	0.30	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	0.10	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	1.30	0.4	0.3	0.1	0.0	0.0	0.7	0.4	0.2	0.2	0.00	0.00	1.00
11	2.10	1.0	0.8	0.2	0.1	0.0	2.1	0.8	0.4	0.1	0.00	1.00	2.50
12	3.80	2.4	1.4	0.4	0.2	0.0	5.9	1.6	0.7	0.1	1.00	2.30	4.00
Summary	21.7	11.5	7.7	2.5	1.0	0.0	25.0	10.3	5.5	0.9	3.4	13.2	26.8

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Station: TRIBUNE 1W, KS US USC00148235

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	24.8	45.2	164.1	323.6	630.7	941.9	1132.9	1053.9	783.5	409.8	130.2	27.1
45	6.0	16.8	86.8	208.1	480.6	791.9	977.8	898.9	635.2	279.7	66.1	7.6
50	0.7	4.4	35.7	114.8	339.0	642.4	822.8	743.9	489.3	169.5	27.5	1.4
55	0.1	0.8	11.1	51.6	215.0	494.4	667.8	589.0	349.6	87.9	7.6	0.1
60	0.0	0.1	2.3	16.6	116.8	350.6	513.2	435.1	223.5	36.1	1.5	0.0
Growing Degree Units for Corn (Monthly)												
50/86	48.8	66.6	158.7	241.4	393.5	590.6	720.2	674.8	490.9	295.1	128.5	49.2

Growing Degree Units (Accumulated Monthly)												
40	25	70	234	558	1188	2130	3263	4317	5101	5510	5641	5668
45	6	23	110	318	798	1590	2568	3467	4102	4382	4448	4456
50	1	5	41	156	495	1137	1960	2704	3193	3362	3390	3391
55	0	1	12	64	279	773	1441	2030	2379	2467	2475	2475
60	0	0	2	19	136	486	1000	1435	1658	1694	1696	1696
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	49	115	274	516	909	1500	2220	2895	3386	3681	3809	3858

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

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