

Summary of Monthly Normals
1991-2020

Current Location: Elev: 2269 ft. Lat: 38.4539° N Lon: 99.8947° W
Station: **NESS CITY, KS US USC00145692**
Generated on 04/27/2024

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	44.3	15.7	30.0	4.7	3.2	3.4	0.1	0.0	0.0	0.0	0.0	0.0	775.0	836.9	929.9	1084.9	0.0	0.0	12.7	7.1	30.6	1.9
02	47.9	18.5	33.2	6.8	4.1	4.9	2.0	0.9	0.3	0.0	0.0	0.0	612.2	667.2	750.5	890.2	0.0	0.0	14.0	5.4	26.3	1.3
03	58.5	27.3	42.9	5.2	3.9	4.2	19.3	12.5	6.1	1.0	0.0	0.0	394.5	449.7	536.3	686.2	0.0	0.1	22.6	1.5	21.6	0.4
04	67.5	36.3	51.9	3.7	3.0	3.1	77.7	56.5	32.4	9.6	1.6	0.8	170.7	209.5	275.4	402.5	0.0	1.1	27.1	0.1	9.3	0.0
05	77.2	47.9	62.6	3.8	2.3	2.7	267.7	221.0	158.8	77.4	29.3	18.1	33.7	48.9	79.7	153.4	0.4	4.4	30.6	0.0	1.1	0.0
06	88.2	59.3	73.8	3.9	2.2	2.8	562.8	503.3	415.3	274.9	154.4	115.2	0.5	1.0	2.9	12.6	2.5	14.6	30.0	0.0	0.0	0.0
07	93.2	64.8	79.0	3.7	2.2	2.8	743.8	681.8	588.9	435.4	286.2	230.0	0.0	0.0	0.1	1.6	7.9	22.3	31.0	0.0	0.0	0.0
08	90.9	62.6	76.7	3.5	2.4	2.7	674.2	612.4	519.9	367.6	224.1	172.8	0.1	0.3	0.8	3.5	5.1	19.4	31.0	0.0	0.0	0.0
09	83.6	53.3	68.4	3.9	3.4	3.4	413.2	358.3	280.7	167.2	82.2	57.6	9.8	14.9	27.3	63.9	1.2	10.0	29.9	0.0	0.3	0.0
10	70.5	39.0	54.8	4.3	2.7	3.1	122.3	93.1	58.7	22.6	6.0	3.0	130.0	162.7	221.4	340.3	0.0	1.9	28.9	0.2	7.4	0.0
11	56.8	26.3	41.6	5.5	3.4	3.9	12.0	7.1	3.0	0.5	0.1	0.0	415.5	470.5	556.5	704.0	0.0	0.0	21.3	1.3	22.9	0.1
12	45.5	17.9	31.7	4.4	3.1	3.3	0.1	0.0	0.0	0.0	0.0	0.0	722.1	784.1	877.0	1032.0	0.0	0.0	12.4	5.4	30.0	1.0
Summary	68.7	39.1	53.9	4.4	3.0	3.4	2895	2547	2064	1356	784	598	3264	3646	4258	5375	17.1	73.8	291.5	21.0	149.5	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	0.56	2.6	1.3	0.3	0.1	0.16	0.43	0.94	
02	0.74	3.2	1.8	0.4	0.1	0.29	0.55	1.15	
03	1.40	4.7	3.1	0.9	0.2	0.49	1.41	1.97	
04	1.93	6.4	3.9	1.3	0.3	0.96	1.72	2.36	
05	2.99	7.9	5.5	2.0	0.9	1.74	2.63	4.24	
06	2.83	7.5	5.5	2.1	0.8	1.49	2.51	3.13	
07	3.83	6.8	5.3	2.6	1.3	1.90	3.17	5.78	
08	3.07	6.5	4.6	1.9	0.9	2.09	2.51	4.14	
09	1.84	4.7	3.4	1.3	0.5	0.78	1.77	2.62	
10	1.76	4.4	3.0	1.2	0.5	0.69	1.33	2.59	
11	0.76	2.9	1.9	0.4	0.1	0.21	0.57	0.99	
12	0.88	2.9	1.8	0.4	0.3	0.19	0.40	1.25	
Summary	22.59	60.5	41.1	14.8	6.0	10.99	19.00	31.16	

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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	3.20	1.8	1.3	0.6	0.2	0.0	4.2	1.9	1.1	0.4	1.00	2.00	4.00
02	3.50	1.8	1.1	0.5	0.2	0.0	3.8	2.2	1.6	0.2	0.40	2.10	3.60
03	3.30	1.2	0.9	0.4	0.2	0.0	2.0	1.0	0.6	0.2	0.00	1.30	4.30
04	0.40	0.3	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
05	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
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	0.40	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	1.30	0.4	0.4	0.2	0.1	0.0	0.9	0.6	0.4	0.1	0.00	0.00	1.00
12	3.20	1.5	1.2	0.3	0.1	0.0	3.3	1.0	0.4	0.0	1.00	1.50	4.20
Summary	15.4	7.1	5.2	2.2	0.8	0.0	14.4	6.7	4.1	0.9	2.4	6.9	17.1

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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	21.0	52.2	189.3	374.7	699.5	1012.3	1208.7	1139.1	853.5	470.6	148.7	30.8
45	5.2	20.9	105.0	250.8	546.3	862.3	1053.7	984.1	704.2	333.8	78.3	9.0
50	0.9	7.5	50.1	149.9	399.3	712.4	898.8	829.1	556.2	215.8	34.5	1.7
55	0.1	2.0	19.3	77.7	267.7	562.8	743.8	674.2	413.2	122.3	12.0	0.1
60	0.0	0.3	6.1	32.4	158.8	415.3	588.9	519.9	280.7	58.7	3.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	49.6	75.9	177.0	272.3	441.8	643.3	774.0	732.2	541.7	328.6	146.8	52.9

Growing Degree Units (Accumulated Monthly)												
40	21	73	262	637	1337	2349	3558	4697	5550	6021	6170	6200
45	5	26	131	382	928	1790	2844	3828	4532	4866	4945	4954
50	1	8	58	208	608	1320	2219	3048	3604	3820	3854	3856
55	0	2	21	99	367	930	1673	2348	2761	2883	2895	2895
60	0	0	6	39	198	613	1202	1722	2002	2061	2064	2064
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	50	126	302	575	1017	1660	2434	3166	3708	4036	4183	4236

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

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