

Summary of Monthly Normals
1991-2020

Current Location: Elev: 990 ft. Lat: 37.5081° N Lon: 94.8394° W
Station: **GIRARD, KS US USC00143074**
Generated on 05/23/2024

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	41.6	22.3	32.0	4.6	3.9	4.1	1.2	0.6	0.2	0.0	0.0	0.0	715.5	777.0	869.5	1024.3	0.0	0.0	9.6	7.5	26.4	0.8
02	46.9	26.2	36.6	5.4	4.5	4.8	5.3	3.0	1.2	0.1	0.0	0.0	521.9	575.5	657.7	796.6	0.0	0.0	12.7	4.2	20.4	0.3
03	57.3	35.5	46.4	4.4	4.4	4.2	39.6	27.1	13.9	3.6	0.2	0.0	306.2	355.8	435.5	580.3	0.0	0.0	22.5	0.8	11.7	0.1
04	67.0	45.2	56.1	3.4	3.3	3.2	132.3	100.9	62.1	20.5	3.6	1.3	99.3	127.9	179.1	287.5	0.0	0.1	27.9	0.0	2.5	0.0
05	75.9	55.8	65.8	3.2	2.9	3.0	346.8	291.7	216.1	112.3	43.2	25.8	10.5	17.3	34.8	85.9	0.0	1.1	30.8	0.0	0.0	0.0
06	85.2	65.2	75.2	2.9	2.1	2.4	605.9	546.1	456.7	310.7	175.7	128.1	0.1	0.2	0.8	4.9	0.1	9.6	30.0	0.0	0.0	0.0
07	89.8	69.4	79.6	3.1	2.4	2.6	762.5	700.5	607.5	452.5	300.6	242.2	0.0	0.0	0.0	0.1	1.7	18.4	31.0	0.0	0.0	0.0
08	89.2	67.5	78.3	3.5	2.6	3.0	723.7	661.7	568.8	414.5	266.2	211.5	0.0	0.0	0.1	0.9	2.2	16.9	31.0	0.0	0.0	0.0
09	81.0	58.8	69.9	3.3	3.3	3.2	451.1	394.0	311.3	188.1	94.1	66.3	4.2	7.0	14.3	41.2	0.3	5.7	30.0	0.0	0.0	0.0
10	69.3	46.9	58.1	3.5	2.5	2.8	172.3	134.9	88.4	34.5	8.7	4.1	76.2	100.8	147.3	248.4	0.0	0.2	29.6	0.0	1.4	0.0
11	56.1	35.4	45.8	5.1	4.2	4.4	30.9	20.7	10.1	2.1	0.3	0.1	308.3	358.2	437.6	579.6	0.0	0.0	21.8	0.7	11.5	0.0
12	45.1	26.5	35.8	4.2	3.9	4.0	3.2	1.7	0.7	0.0	0.0	0.0	598.3	658.8	750.8	905.1	0.0	0.0	12.5	4.6	22.7	0.1
Summary	67.0	46.2	56.6	3.9	3.3	3.5	3275	2883	2337	1539	893	679	2640	2978	3528	4555	4.3	52.0	289.4	17.8	96.6	1.3

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	1.77	6.0	3.6	1.0	0.3	0.73	1.45	2.77
02	1.90	6.1	3.4	1.3	0.5	0.45	1.87	2.91
03	3.48	9.2	6.8	2.5	0.9	1.86	3.18	4.47
04	4.83	9.9	6.7	3.1	1.4	3.52	4.21	6.07
05	6.45	11.3	8.5	4.2	2.2	3.62	6.09	8.50
06	5.43	9.6	7.0	3.4	1.7	4.17	5.28	6.45
07	3.93	8.0	5.6	2.4	1.1	2.32	3.60	5.29
08	3.88	7.6	5.0	2.6	1.5	1.86	3.03	4.62
09	4.84	6.8	5.5	2.8	1.6	2.52	3.54	7.03
10	3.76	8.4	6.0	2.8	1.4	1.98	3.25	5.27
11	3.03	6.1	4.1	1.6	0.7	1.54	2.74	4.17
12	2.31	6.3	4.0	1.6	0.5	1.18	1.89	3.00
Summary	45.61	95.3	66.2	29.3	13.8	25.75	40.13	60.55

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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	2.60	1.1	0.7	0.3	0.1	0.0					0.00	1.20	3.70
02	0.40	0.4	0.2	0.0	0.0	0.0					0.00	0.00	0.50
03	0.90	0.3	0.1	0.1	0.0	0.0					0.00	0.00	0.10
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	0.70	0.2	0.1	0.0	0.0	0.0					0.00	0.00	0.00
12	1.60	0.7	0.3	0.2	0.0	0.0					0.00	0.00	0.50
Summary	6.2	2.7	1.4	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.2	4.8

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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	41.1	85.2	258.1	490.1	801.5	1055.8	1227.4	1188.6	897.0	565.1	232.8	70.6
45	14.6	40.8	159.9	353.9	647.0	905.8	1072.4	1033.6	747.2	418.9	138.7	30.2
50	4.0	16.8	86.4	231.8	493.9	755.8	917.5	878.7	597.9	284.7	71.6	11.0
55	1.2	5.3	39.6	132.3	346.8	605.9	762.5	723.7	451.1	172.3	30.9	3.2
60	0.2	1.2	13.9	62.1	216.1	456.7	607.5	568.8	311.3	88.4	10.1	0.7
Growing Degree Units for Corn (Monthly)												
50/86	30.2	59.7	161.5	288.8	504.9	724.6	842.4	804.6	585.9	341.5	136.6	43.8

Growing Degree Units (Accumulated Monthly)												
40	41	126	384	874	1676	2732	3959	5148	6045	6610	6843	6913
45	15	55	215	569	1216	2122	3194	4228	4975	5394	5533	5563
50	4	21	107	339	833	1589	2506	3385	3983	4268	4339	4350
55	1	6	46	178	525	1131	1894	2617	3068	3241	3272	3275
60	0	1	15	77	294	750	1358	1926	2238	2326	2336	2337
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	30	90	251	540	1045	1770	2612	3417	4003	4344	4481	4525

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

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