

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 1500 ft. Lat: 39.5039° N Lon: 98.3150° W

Station: GLEN ELDER LAKE, KS US USC00143100

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	40.3	13.6	27.0	5.3	3.9	4.3	0.0	0.0	0.0	0.0	0.0	0.0	869.3	931.3	1024.3	1179.3	0.0	0.0	9.4	8.8	30.6	3.4
02	44.8	16.8	30.8	6.9	5.1	5.6	1.0	0.5	0.1	0.0	0.0	0.0	678.4	734.0	817.5	957.4	0.0	0.0	11.5	6.7	26.2	2.2
03	55.9	26.6	41.3	5.8	4.3	4.7	12.8	7.2	2.3	0.2	0.0	0.0	439.1	495.5	583.6	736.5	0.0	0.0	21.3	1.3	21.3	0.3
04	66.5	36.5	51.5	4.5	3.3	3.6	64.3	43.8	22.6	5.8	1.0	0.5	169.3	208.8	277.6	410.8	0.0	0.2	26.9	0.2	8.6	0.0
05	74.9	47.8	61.4	3.5	2.6	2.8	232.2	187.9	129.6	57.0	18.4	10.1	35.3	53.0	87.7	170.0	0.0	2.1	30.7	0.0	0.8	0.0
06	86.6	60.2	73.4	3.8	2.8	3.1	552.5	493.2	405.3	265.5	145.6	106.9	0.7	1.4	3.6	13.8	0.8	11.3	30.0	0.0	0.0	0.0
07	92.7	64.5	78.6	3.5	2.4	2.7	731.4	669.5	576.4	421.9	273.0	217.5	0.0	0.0	0.0	0.5	5.4	19.6	31.0	0.0	0.0	0.0
08	89.4	62.3	75.8	3.5	2.9	3.0	646.2	584.4	491.9	340.1	200.0	151.5	0.0	0.2	0.7	4.0	2.9	14.8	31.0	0.0	0.0	0.0
09	82.1	52.5	67.3	3.6	3.9	3.5	379.2	324.3	247.4	140.7	65.6	44.4	10.3	15.4	28.5	71.8	0.6	7.6	29.9	0.0	0.1	0.0
10	69.9	39.9	54.9	3.7	2.7	2.9	119.3	89.3	53.8	18.5	4.6	2.3	122.4	154.5	212.0	331.7	0.0	1.0	29.1	0.2	6.2	0.0
11	54.9	26.3	40.6	5.6	3.7	4.2	10.9	6.9	3.3	0.6	0.0	0.0	442.8	498.8	585.2	732.4	0.0	0.0	21.0	1.5	21.4	0.0
12	43.8	17.5	30.6	4.8	3.9	4.1	0.2	0.0	0.0	0.0	0.0	0.0	754.9	816.8	909.7	1064.7	0.0	0.0	11.2	6.4	29.6	1.7
Summary	66.8	38.7	52.8	4.5	3.5	3.7	2750	2407	1933	1250	708	533	3523	3910	4530	5673	9.7	56.6	283.0	25.1	144.8	7.6

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	0.67	3.0	1.6	0.3	0.0	0.30	0.49	1.00	
02	0.72	3.3	1.8	0.3	0.0	0.22	0.65	1.07	
03	1.32	4.8	3.1	1.1	0.3	0.61	1.17	2.05	
04	2.22	7.1	4.7	1.3	0.3	1.56	2.06	2.67	
05	3.87	9.7	5.9	2.0	1.0	2.14	3.28	5.42	
06	3.70	8.6	5.8	2.2	1.0	2.49	3.41	4.61	
07	4.32	9.2	6.2	3.0	1.0	1.84	3.54	5.37	
08	3.12	7.6	5.0	2.0	0.7	2.15	2.58	3.86	
09	2.28	6.7	4.2	1.3	0.4	1.32	2.19	3.02	
10	1.92	5.7	3.2	0.9	0.4	0.67	1.38	2.44	
11	1.14	3.8	2.3	0.6	0.2	0.35	0.86	1.56	
12	0.99	3.0	1.8	0.5	0.0	0.18	0.75	1.62	
Summary	26.27	72.5	45.6	15.5	5.3	13.83	22.36	34.69	

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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	9.5	35.2	159.3	362.1	662.2	1001.7	1196.3	1111.1	818.9	473.4	131.8	19.6
45	1.4	14.0	84.6	237.4	508.8	851.8	1041.4	956.2	669.6	334.9	67.3	4.9
50	0.0	4.6	37.6	136.1	362.2	701.9	886.4	801.2	522.0	214.7	29.7	1.2
55	0.0	1.0	12.8	64.3	232.2	552.5	731.4	646.2	379.2	119.3	10.9	0.2
60	0.0	0.1	2.3	22.6	129.6	405.3	576.4	491.9	247.4	53.8	3.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	27.5	53.3	147.2	258.4	415.8	649.5	769.2	722.2	522.9	323.1	125.4	37.4

Growing Degree Units (Accumulated Monthly)												
40	10	45	204	566	1228	2230	3426	4537	5356	5830	5961	5981
45	1	15	100	337	846	1698	2739	3696	4365	4700	4767	4772
50	0	5	42	178	540	1242	2129	2930	3452	3667	3696	3698
55	0	1	14	78	310	863	1594	2240	2620	2739	2750	2750
60	0	0	2	25	155	560	1136	1628	1876	1929	1933	1933
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	28	81	228	486	902	1552	2321	3043	3566	3889	4015	4052

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

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