

Summary of Monthly Normals
1991-2020

Generated on 05/22/2024

Current Location: Elev: 1401 ft. Lat: 39.0294° N Lon: 98.1300° W
Station: LINCOLN 1 SE, KS US USC00144712

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	16.0	28.3	5.0	3.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	826.0	888.0	981.0	1136.1	0.0	0.0	9.8	8.9	30.2	2.4
02	45.3	18.7	32.0	6.9	4.4	5.3	1.9	1.1	0.4	0.1	0.0	0.0	645.7	700.9	784.2	924.0	0.0	0.0	12.4	5.8	25.6	1.6
03	56.4	28.2	42.3	5.6	4.3	4.6	21.2	14.2	6.9	1.3	0.1	0.0	415.0	469.9	555.7	705.0	0.0	0.0	21.6	1.5	20.6	0.6
04	66.0	37.8	51.9	4.1	3.3	3.4	79.1	57.7	33.8	10.4	2.2	0.9	172.1	210.6	276.8	403.4	0.0	0.8	27.0	0.2	8.6	0.0
05	75.7	49.8	62.8	4.0	2.9	3.2	272.0	225.2	163.7	82.7	31.8	20.1	31.7	47.0	78.4	152.5	0.2	3.4	30.7	0.0	0.7	0.0
06	87.3	61.4	74.3	3.8	2.4	2.9	580.8	521.5	433.4	292.9	169.5	128.3	0.5	1.2	3.1	12.5	2.5	14.2	30.0	0.0	0.0	0.0
07	92.7	66.3	79.5	4.1	2.4	3.0	759.3	697.3	604.3	450.3	301.6	245.7	0.0	0.0	0.0	0.9	8.1	22.0	31.0	0.0	0.0	0.0
08	90.1	63.7	76.9	3.7	2.9	3.1	678.8	616.8	524.2	371.8	229.6	179.4	0.0	0.1	0.4	3.0	5.0	18.1	31.0	0.0	0.0	0.0
09	82.2	54.7	68.4	3.6	3.4	3.3	412.9	358.4	281.4	170.3	88.1	63.7	9.6	15.0	28.0	66.9	1.2	9.4	29.9	0.0	0.3	0.0
10	69.6	40.9	55.2	4.0	2.8	3.0	131.6	101.6	65.3	25.9	8.0	4.3	123.9	155.9	212.5	328.2	0.0	1.3	28.9	0.1	6.8	0.0
11	55.0	27.9	41.5	5.6	4.0	4.4	14.4	9.0	4.3	0.8	0.1	0.0	420.9	475.5	560.8	707.3	0.0	0.0	20.9	1.3	20.5	0.0
12	42.8	18.9	30.8	4.8	3.6	3.9	0.4	0.2	0.1	0.0	0.0	0.0	748.7	810.6	903.5	1058.5	0.0	0.0	11.1	6.6	29.0	1.3
Summary	67.0	40.4	53.7	4.6	3.3	3.6	2952	2603	2118	1406	831	642	3394	3775	4384	5498	17.0	69.2	284.3	24.4	142.3	5.9

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	0.71	3.9	2.1	0.4	0.1	0.21	0.66	0.94	
02	1.03	4.6	2.5	0.8	0.1	0.26	0.94	1.65	
03	1.62	6.1	3.7	1.1	0.2	0.91	1.38	2.00	
04	2.60	7.8	5.2	1.8	0.5	1.44	2.27	3.15	
05	4.62	10.4	7.1	3.1	1.5	1.87	3.76	6.84	
06	3.97	9.1	6.0	2.7	1.2	2.77	3.36	4.42	
07	4.02	8.6	6.1	2.6	1.3	1.37	3.50	5.27	
08	3.87	8.2	6.3	2.5	1.1	2.87	3.86	4.89	
09	2.42	6.7	4.3	1.7	0.7	1.58	2.14	3.26	
10	1.92	5.8	3.6	1.3	0.4	0.86	1.39	2.72	
11	1.17	4.7	2.6	0.7	0.2	0.39	0.97	1.68	
12	1.11	4.2	2.3	0.7	0.2	0.30	0.87	1.31	
Summary	29.06	80.1	51.8	19.4	7.5	14.83	25.10	38.13	

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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	4.30	2.2	1.8	0.7	0.2	0.0	6.5	3.1	1.7	0.4	0.70	3.20	7.00
02	3.90	2.0	1.4	0.6	0.3	0.0	5.4	2.8	1.5	0.2	0.50	1.80	7.10
03	1.50	1.0	0.9	0.2	0.1	0.0	2.0	0.8	0.4	0.0	0.00	1.00	1.60
04	0.90	0.4	0.2	0.2	0.0	0.0	0.4	0.2	0.1	0.0	0.00	0.00	0.00
05	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
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	0.20	0.2	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
11	1.60	0.7	0.5	0.3	0.1	0.0	1.1	0.6	0.1	0.0	0.00	0.50	2.30
12	2.90	1.9	1.5	0.4	0.2	0.0	5.5	2.3	0.7	0.2	1.00	1.10	4.00
Summary	15.3	8.4	6.4	2.4	0.9	0.0	21.1	9.8	4.5	0.8	2.2	7.6	22.0

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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	17.0	45.8	181.8	375.5	705.4	1030.3	1224.3	1143.8	853.4	485.2	150.2	25.3
45	3.6	18.9	102.7	252.2	552.2	880.3	1069.3	988.8	703.9	347.3	80.1	6.8
50	0.1	6.7	50.4	151.7	404.6	730.3	914.2	833.7	555.9	227.3	37.7	1.5
55	0.0	1.9	21.2	79.1	272.0	580.8	759.3	678.8	412.9	131.6	14.4	0.4
60	0.0	0.4	6.9	33.8	163.7	433.4	604.3	524.2	281.4	65.3	4.3	0.1
Growing Degree Units for Corn (Monthly)												
50/86	33.2	58.8	153.8	256.2	443.5	671.8	794.9	744.3	545.3	325.0	125.7	36.1

Growing Degree Units (Accumulated Monthly)												
40	17	63	245	620	1326	2356	3580	4724	5577	6062	6213	6238
45	4	22	125	377	930	1810	2879	3868	4572	4919	4999	5006
50	0	7	57	209	614	1344	2258	3092	3648	3875	3913	3914
55	0	2	23	102	374	955	1714	2393	2806	2938	2952	2952
60	0	0	7	41	205	638	1242	1767	2048	2113	2118	2118
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	33	92	246	502	946	1617	2412	3156	3702	4027	4152	4189

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