

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 2998 ft. Lat: 37.9411° N Lon: 101.2492° W

Station: LAKIN, KS US USC00144464

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	46.1	19.8	32.9	4.9	2.9	3.5	0.2	0.0	0.0	0.0	0.0	0.0	683.7	745.5	838.5	993.5	0.0	0.0	13.6	5.6	30.1	0.8
02	50.0	22.4	36.2	6.6	3.8	4.8	2.4	1.2	0.3	0.0	0.0	0.0	528.7	583.5	666.6	806.2	0.0	0.0	14.9	4.3	25.1	0.7
03	59.6	30.0	44.8	4.8	3.4	3.7	24.3	15.3	6.8	0.7	0.0	0.0	340.6	393.5	478.1	627.0	0.0	0.1	23.0	1.4	20.0	0.1
04	68.4	38.7	53.6	3.8	2.9	3.1	96.8	71.3	41.3	12.5	2.5	1.1	140.2	174.7	234.8	355.9	0.0	1.3	26.9	0.2	7.2	0.0
05	78.7	49.9	64.3	3.9	2.2	2.8	312.7	262.5	193.0	101.0	40.7	25.6	24.4	36.1	59.7	122.7	0.7	6.0	30.5	0.0	0.3	0.0
06	89.6	60.5	75.1	3.9	2.1	2.9	601.9	542.4	454.4	312.1	185.0	141.7	0.5	1.1	3.0	10.7	4.3	16.3	30.0	0.0	0.0	0.0
07	94.3	65.8	80.1	2.9	1.8	2.3	776.4	714.4	621.4	467.3	316.0	257.7	0.0	0.0	0.0	0.9	9.0	23.1	31.0	0.0	0.0	0.0
08	91.8	63.9	77.9	3.4	2.1	2.6	708.2	646.3	553.6	400.4	253.5	199.6	0.0	0.0	0.4	2.2	5.0	20.6	31.0	0.0	0.0	0.0
09	84.5	55.4	70.0	3.8	2.8	3.0	455.6	399.0	317.8	194.9	98.0	68.1	7.2	10.6	19.4	46.6	1.6	10.9	29.8	0.0	0.1	0.0
10	71.4	41.9	56.6	4.4	3.0	3.3	152.7	118.5	76.6	30.1	8.0	3.6	101.5	129.3	180.4	288.9	0.0	2.2	28.9	0.4	4.2	0.0
11	57.5	29.0	43.3	5.4	3.4	3.9	16.1	10.0	4.2	0.7	0.1	0.0	368.6	422.4	506.6	653.2	0.0	0.0	21.8	1.1	20.5	0.0
12	47.0	20.9	33.9	4.1	3.0	3.1	0.4	0.1	0.0	0.0	0.0	0.0	652.7	714.5	807.4	962.3	0.0	0.0	14.1	4.5	29.5	0.6
Summary	69.9	41.5	55.7	4.3	2.8	3.2	3148	2781	2269	1520	904	697	2848	3211	3795	4870	20.6	80.5	295.5	17.5	137.0	2.2

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	0.39	2.5	1.0	0.2	0.0	0.10	0.25	0.60	
02	0.39	2.9	1.3	0.1	0.0	0.17	0.25	0.59	
03	0.97	4.1	2.6	0.6	0.2	0.27	0.82	1.45	
04	1.57	5.6	3.3	0.9	0.2	0.73	1.46	1.95	
05	2.36	7.2	4.7	1.4	0.4	1.13	2.00	3.07	
06	3.27	7.5	5.1	2.1	0.8	1.49	2.56	4.23	
07	2.81	7.6	5.3	1.8	0.7	1.65	2.50	3.80	
08	2.86	6.8	4.8	1.9	0.8	2.04	2.37	3.49	
09	1.30	4.1	2.3	1.0	0.2	0.71	1.15	1.87	
10	1.64	4.0	2.7	0.9	0.5	0.26	1.02	2.72	
11	0.58	2.9	1.3	0.3	0.1	0.06	0.33	0.74	
12	0.67	3.0	1.4	0.3	0.1	0.14	0.42	0.86	
Summary	18.81	58.2	35.8	11.5	4.0	8.75	15.13	25.37	

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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	5.00	1.8	1.5	0.7	0.3	0.0	4.7	2.9	1.6	0.1	2.00	3.50	7.00
02	3.40	1.7	1.5	0.6	0.1	0.0	4.1	2.4	0.7	0.1	0.00	2.20	5.60
03	3.40	1.2	1.2	0.4	0.2	0.1	2.0	0.9	0.4	0.1	0.00	1.00	4.80
04	1.40	0.4	0.4	0.2	0.1	0.0	0.4	0.2	0.1	0.1	0.00	0.00	1.00
05	0.20	0.1	0.1	0.1	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	0.00	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	0.70	0.2	0.2	0.1	0.0	0.0	0.3	0.2	0.1	0.0	0.00	0.00	0.00
11	1.10	0.6	0.5	0.1	0.0	0.0	0.8	0.3	0.2	0.2	0.00	0.00	1.00
12	4.20	1.6	1.5	0.6	0.1	0.0	3.8	2.1	1.1	0.2	1.00	3.00	6.50
Summary	19.4	7.6	6.9	2.8	0.8	0.1	16.2	9.1	4.3	0.8	3.0	9.7	25.9

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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	38.5	73.5	223.4	421.8	753.6	1051.3	1241.4	1173.2	898.4	527.1	177.9	45.0
45	11.3	31.8	130.0	292.6	600.0	901.3	1086.4	1018.2	749.0	384.8	97.3	14.8
50	1.8	10.2	63.5	181.7	450.8	751.5	931.4	863.2	600.9	257.9	45.2	3.2
55	0.2	2.4	24.3	96.8	312.7	601.9	776.4	708.2	455.6	152.7	16.1	0.4
60	0.0	0.3	6.8	41.3	193.0	454.4	621.4	553.6	317.8	76.6	4.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	59.2	86.0	189.2	285.7	463.5	663.7	791.4	752.3	561.5	341.8	153.9	60.4

Growing Degree Units (Accumulated Monthly)												
40	38	112	335	757	1511	2562	3804	4977	5875	6402	6580	6625
45	11	43	173	466	1066	1967	3053	4072	4821	5205	5303	5318
50	2	12	76	257	708	1460	2391	3254	3855	4113	4158	4161
55	0	3	27	124	436	1038	1815	2523	2978	3131	3147	3148
60	0	0	7	48	241	696	1317	1871	2189	2265	2269	2269
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	59	145	334	620	1084	1747	2539	3291	3852	4194	4348	4409

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