

Summary of Monthly Normals
1991-2020

Current Location: Elev: 2974 ft. Lat: 38.4747° N Lon: 100.9175° W
Station: SCOTT CITY, KS US USC00147271
Generated on 04/29/2024

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	43.9	15.9	29.9	5.4	3.2	3.9	0.0	0.0	0.0	0.0	0.0	0.0	778.0	840.0	933.0	1088.1	0.0	0.0	12.0	7.1	30.7	1.5
02	47.3	18.7	33.0	6.8	4.0	4.9	0.9	0.3	0.0	0.0	0.0	0.0	616.7	672.2	755.9	896.0	0.0	0.0	13.4	5.2	26.8	1.2
03	57.8	26.7	42.2	5.2	3.6	3.9	14.3	8.7	3.1	0.2	0.0	0.0	409.6	466.0	553.4	705.5	0.0	0.0	22.2	1.8	23.2	0.4
04	66.6	35.4	51.0	3.6	3.0	3.0	64.3	44.8	23.6	5.5	0.6	0.2	184.2	224.8	293.6	425.5	0.0	0.7	26.4	0.2	10.7	0.0
05	76.5	46.9	61.7	3.8	2.5	2.9	248.4	202.8	143.0	67.0	21.9	12.4	40.7	57.1	90.2	169.3	0.3	4.0	30.3	0.0	1.3	0.0
06	87.7	58.3	73.0	3.6	2.4	2.8	541.1	482.3	395.5	258.6	141.9	103.4	1.3	2.4	5.7	18.7	2.2	14.2	30.0	0.0	0.0	0.0
07	92.5	63.4	78.0	2.9	1.9	2.2	711.3	649.3	556.3	403.1	255.0	199.4	0.0	0.0	0.0	1.7	5.8	21.3	31.0	0.0	0.0	0.0
08	89.8	61.4	75.6	3.2	2.1	2.4	638.5	576.7	484.1	332.6	191.9	142.0	0.1	0.2	0.7	4.1	2.4	17.3	31.0	0.0	0.0	0.0
09	82.3	52.3	67.3	3.4	3.3	3.1	381.2	327.5	251.3	142.2	63.8	41.3	12.4	18.6	32.4	73.2	0.5	8.3	29.8	0.0	0.2	0.0
10	69.3	38.4	53.8	4.2	3.0	3.1	105.5	78.7	47.0	15.1	3.3	1.5	141.2	176.3	237.5	360.7	0.0	1.4	28.5	0.4	7.7	0.0
11	55.5	26.0	40.8	5.3	3.2	3.8	8.2	4.6	1.6	0.2	0.0	0.0	435.7	492.1	579.1	727.7	0.0	0.0	20.3	1.6	23.4	0.2
12	44.9	17.5	31.2	4.7	2.9	3.4	0.1	0.0	0.0	0.0	0.0	0.0	737.6	799.6	892.6	1047.7	0.0	0.0	12.2	5.5	30.4	1.3
Summary	67.8	38.4	53.1	4.3	2.9	3.3	2714	2376	1905	1224	678	500	3358	3749	4374	5518	11.2	67.2	287.1	21.8	154.4	4.6

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	0.44	3.0	1.2	0.2	0.0	0.16	0.30	0.69	
02	0.52	3.5	1.2	0.1	0.0	0.17	0.42	0.64	
03	1.13	4.5	2.8	0.6	0.2	0.35	0.91	1.57	
04	1.88	6.2	3.5	1.1	0.5	0.75	1.78	2.22	
05	2.65	8.4	5.2	1.7	0.5	1.25	2.23	3.55	
06	3.16	8.0	5.2	2.1	0.7	1.66	2.52	3.56	
07	3.06	7.9	5.2	2.1	0.9	2.22	3.08	3.73	
08	3.05	8.1	4.9	2.0	0.9	1.97	2.64	3.83	
09	1.45	5.8	2.6	0.9	0.4	0.64	1.18	1.62	
10	1.53	4.8	2.9	1.1	0.3	0.29	1.03	2.65	
11	0.64	3.2	1.5	0.3	0.1	0.07	0.32	1.02	
12	0.67	3.0	1.4	0.3	0.1	0.12	0.31	0.80	
Summary	20.18	66.4	37.6	12.5	4.6	9.65	16.72	25.88	

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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	4.50	2.2	1.8	0.5	0.3	0.0	8.8	4.8	3.4	0.7	1.80	3.70	5.50
02	4.00	2.1	1.7	0.6	0.3	0.0	6.8	3.9	2.3	0.2	1.20	2.70	5.00
03	3.90	1.6	1.4	0.5	0.2	0.0	2.9	1.7	0.7	0.1	0.00	1.00	6.00
04	1.80	0.6	0.5	0.3	0.2	0.0	0.6	0.2	0.2	0.0	0.00	0.00	1.50
05	0.00	0.0	0.0	0.0	0.0	0.0	0.1	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	1.20	0.3	0.3	0.1	0.1	0.0	0.7	0.3	0.2	0.1	0.00	0.00	1.00
11	1.10	1.0	0.9	0.2	0.1	0.0	1.8	0.6	0.4	0.1	0.00	1.00	1.50
12	3.10	1.9	1.6	0.4	0.2	0.0	6.5	3.3	1.7	0.0	0.00	1.10	5.00
Summary	19.6	9.7	8.2	2.6	1.4	0.0	28.2	14.8	8.9	1.2	3.0	9.5	25.5

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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	20.6	45.9	174.7	352.8	673.4	989.8	1176.3	1103.5	819.0	445.8	133.4	25.4
45	4.3	16.9	94.1	231.4	521.3	839.9	1021.3	948.5	670.1	310.7	66.9	6.8
50	0.6	4.9	41.4	132.9	376.9	690.1	866.3	793.5	523.3	194.5	27.4	1.3
55	0.0	0.9	14.3	64.3	248.4	541.1	711.3	638.5	381.2	105.5	8.2	0.1
60	0.0	0.0	3.1	23.6	143.0	395.5	556.3	484.1	251.3	47.0	1.6	0.0
Growing Degree Units for Corn (Monthly)												
50/86	47.3	69.6	170.1	261.8	423.7	625.8	751.2	709.1	518.1	310.7	133.7	48.5

Growing Degree Units (Accumulated Monthly)												
40	21	66	241	594	1267	2257	3434	4537	5356	5802	5935	5961
45	4	21	115	347	868	1708	2729	3678	4348	4658	4725	4732
50	1	6	47	180	557	1247	2113	2907	3430	3624	3652	3653
55	0	1	15	80	328	869	1580	2219	2600	2706	2714	2714
60	0	0	3	27	170	565	1122	1606	1857	1904	1905	1905
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	47	117	287	549	972	1598	2350	3059	3577	3887	4021	4070

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