

Summary of Monthly Normals
1991-2020

Generated on 05/16/2024

Current Location: Elev: 2949 ft. Lat: 37.4414° N Lon: 100.9792° W
Station: SUBLETTE 7WSW, KS US USC00147922

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	49.0	20.0	34.5	5.0	2.9	3.5	0.2	0.0	0.0	0.0	0.0	0.0	635.7	697.4	790.4	945.4	0.0	0.0	15.3	5.3	29.8	0.4
02	53.5	23.2	38.3	6.2	4.0	4.5	5.3	3.0	1.2	0.1	0.0	0.0	471.3	525.0	607.1	746.1	0.0	0.0	16.9	3.1	24.4	0.6
03	63.3	31.4	47.4	5.0	3.5	3.8	41.8	28.7	15.1	3.6	0.6	0.2	279.0	327.9	407.3	550.9	0.0	0.1	24.6	1.3	18.5	0.1
04	71.7	39.2	55.5	3.6	3.0	3.0	119.4	89.6	54.7	17.8	3.8	1.6	105.9	136.0	191.1	304.3	0.0	1.0	27.7	0.1	6.5	0.0
05	80.6	49.8	65.2	3.9	2.4	2.9	332.7	280.0	207.9	110.4	46.1	29.5	16.4	25.8	46.6	104.2	0.3	5.1	30.6	0.0	0.7	0.0
06	90.4	60.0	75.2	4.0	2.8	3.2	606.2	546.6	457.6	314.4	185.9	141.8	0.4	0.8	1.9	8.6	2.8	15.2	30.0	0.0	0.0	0.0
07	94.4	64.7	79.5	2.7	2.0	2.2	760.8	698.8	605.8	451.8	301.3	243.4	0.0	0.0	0.0	1.0	5.3	21.9	31.0	0.0	0.0	0.0
08	92.0	63.1	77.6	3.7	1.9	2.6	698.9	636.9	544.2	390.7	243.3	189.1	0.0	0.0	0.3	1.8	2.7	17.9	31.0	0.0	0.0	0.0
09	85.9	55.1	70.5	3.5	3.4	3.2	469.9	412.4	329.4	203.6	102.0	70.9	5.1	7.6	14.6	38.7	0.6	9.6	29.9	0.0	0.1	0.0
10	74.1	42.0	58.1	3.9	2.7	2.9	174.6	137.1	89.8	36.1	9.6	4.8	80.0	104.5	150.2	251.4	0.0	1.3	29.8	0.2	4.9	0.0
11	60.1	29.9	45.0	5.2	3.1	3.8	21.3	13.2	5.8	1.0	0.1	0.0	321.3	373.2	455.7	601.0	0.0	0.0	22.6	1.2	19.3	0.0
12	49.2	22.1	35.6	4.3	3.0	3.1	0.5	0.1	0.0	0.0	0.0	0.0	600.1	661.7	754.5	909.6	0.0	0.0	14.4	4.3	28.7	0.5
Summary	72.0	41.7	56.9	4.2	2.9	3.2	3232	2846	2312	1529	893	681	2515	2860	3420	4463	11.7	72.1	303.8	15.5	132.9	1.6

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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	1.7	0.9	0.2	0.0	0.04	0.21	0.67	
02	0.36	2.1	1.1	0.2	0.0	0.06	0.22	0.50	
03	1.09	3.8	2.4	0.8	0.2	0.15	0.97	1.88	
04	1.60	5.3	3.3	0.9	0.3	0.67	0.98	1.83	
05	2.28	5.8	3.7	1.3	0.6	0.87	2.18	2.59	
06	2.96	7.2	5.1	2.1	0.8	1.57	2.89	4.03	
07	2.72	6.3	4.4	1.7	0.8	1.47	2.43	3.96	
08	2.69	6.8	4.8	2.0	0.8	1.92	2.26	3.38	
09	1.30	3.9	2.5	0.9	0.3	0.53	1.13	1.59	
10	1.64	4.2	2.8	1.0	0.5	0.43	1.31	2.55	
11	0.58	2.6	1.5	0.4	0.1	0.02	0.23	0.65	
12	0.64	2.5	1.1	0.3	0.0	0.10	0.44	0.88	
Summary	18.30	52.2	33.6	11.8	4.4	7.83	15.25	24.51	

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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	2.50	1.6	1.2	0.3	0.3	0.0	4.1	1.7	1.0	0.0	0.20	1.90	3.90
02	2.50	1.6	0.9	0.3	0.1	0.0	2.8	1.1	0.5	0.1	0.00	1.00	3.80
03	3.60	1.5	1.1	0.4	0.2	0.0	1.9	0.9	0.4	0.2	0.00	1.10	6.00
04	0.80	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.10
05	0.10	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	0.70	0.2	0.2	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
11	1.40	0.7	0.5	0.1	0.1	0.0	0.9	0.6	0.6	0.3	0.00	0.00	1.10
12	3.40	1.6	1.2	0.3	0.2	0.0	4.2	2.6	1.4	0.0	1.00	2.40	4.30
Summary	15.0	7.6	5.3	1.5	0.9	0.0	14.1	6.9	3.9	0.6	1.2	6.4	19.2

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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	48.8	97.6	284.4	472.7	781.4	1055.8	1225.8	1163.9	914.8	566.1	211.7	58.1
45	14.7	46.5	175.9	336.4	627.2	905.8	1070.8	1008.9	765.1	420.3	119.3	19.9
50	2.6	16.9	94.4	215.5	475.9	756.0	915.9	853.9	616.3	286.7	56.9	4.8
55	0.2	5.3	41.8	119.4	332.7	606.2	760.8	698.9	469.9	174.6	21.3	0.5
60	0.0	1.2	15.1	54.7	207.9	457.6	605.8	544.2	329.4	89.8	5.8	0.0
Growing Degree Units for Corn (Monthly)												
50/86	74.2	109.5	234.1	328.3	488.8	663.2	776.1	744.2	579.8	381.4	181.4	71.8

Growing Degree Units (Accumulated Monthly)												
40	49	146	431	904	1685	2741	3966	5130	6045	6611	6823	6881
45	15	61	237	574	1201	2106	3177	4186	4951	5372	5491	5511
50	3	20	114	329	805	1561	2477	3331	3947	4234	4291	4296
55	0	6	47	167	499	1106	1866	2565	3035	3210	3231	3232
60	0	1	16	71	279	736	1342	1886	2216	2306	2312	2312
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	74	184	418	746	1235	1898	2674	3418	3998	4380	4561	4633

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

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