

Summary of Monthly Normals
1991-2020

Current Location: Elev: 3110 ft. Lat: 37.1639° N Lon: 101.3400° W
Station: HUGOTON, KS US USC00143855
Generated on 05/20/2024

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	47.4	20.1	33.7	4.3	2.5	3.0	0.4	0.2	0.0	0.0	0.0	0.0	659.2	720.9	813.7	968.7	0.0	0.0	14.8	5.0	29.7	0.7
02	51.5	22.6	37.1	5.6	3.6	4.3	2.7	1.4	0.5	0.0	0.0	0.0	505.2	559.8	642.8	782.5	0.0	0.0	16.2	3.0	24.7	0.6
03	60.6	30.7	45.6	4.5	3.1	3.5	25.0	16.1	7.4	1.3	0.0	0.0	314.9	368.0	452.4	601.2	0.0	0.1	24.0	1.1	18.0	0.2
04	69.0	39.4	54.2	3.6	3.0	3.0	101.8	74.6	44.0	13.5	1.9	0.8	125.7	158.6	217.9	337.4	0.0	1.0	27.6	0.1	5.7	0.0
05	78.6	50.2	64.4	3.9	2.2	2.8	310.7	259.0	188.3	94.1	34.3	20.4	19.3	29.6	51.9	112.7	0.3	5.0	30.7	0.0	0.3	0.0
06	88.3	59.9	74.1	3.7	2.3	2.9	573.3	513.7	424.8	282.1	156.6	114.9	0.4	0.8	2.0	9.3	2.3	15.0	30.0	0.0	0.0	0.0
07	92.3	64.6	78.4	2.8	1.6	2.1	726.8	664.8	571.8	417.8	267.8	210.5	0.0	0.0	0.1	1.1	5.3	21.5	31.0	0.0	0.0	0.0
08	89.7	62.9	76.3	3.5	1.8	2.5	660.2	598.2	505.5	352.8	208.1	155.6	0.0	0.0	0.4	2.7	2.6	18.0	31.0	0.0	0.0	0.0
09	82.9	54.8	68.8	3.8	2.8	3.1	422.4	366.2	285.4	165.8	75.7	49.1	7.0	10.8	20.1	50.5	0.7	8.5	29.9	0.0	0.0	0.0
10	70.5	41.6	56.0	3.9	3.0	3.1	132.8	100.4	61.5	20.9	4.5	2.2	100.1	129.8	184.0	298.3	0.0	1.3	29.3	0.3	4.3	0.0
11	57.7	29.3	43.5	4.8	2.9	3.5	14.8	8.8	3.3	0.6	0.2	0.1	359.8	413.8	498.3	645.6	0.0	0.0	22.4	1.1	19.8	0.1
12	47.1	21.0	34.0	4.0	2.8	3.0	0.2	0.0	0.0	0.0	0.0	0.0	649.4	711.2	804.0	959.1	0.0	0.0	14.2	4.1	29.1	0.6
Summary	69.6	41.4	55.5	4.0	2.6	3.1	2971	2603	2092	1349	749	554	2741	3103	3688	4769	11.2	70.4	301.1	14.7	131.6	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	0.46	2.0	1.2	0.3	0.0	0.06	0.19	0.67	
02	0.31	2.2	1.1	0.1	0.0	0.11	0.20	0.45	
03	1.14	3.4	2.2	0.8	0.3	0.18	0.90	1.75	
04	1.58	5.1	3.3	1.1	0.3	0.64	1.00	2.26	
05	2.18	6.2	4.0	1.4	0.4	0.52	1.64	3.61	
06	3.40	6.7	5.2	2.4	1.1	1.98	3.34	4.82	
07	2.67	6.4	4.8	2.1	0.6	1.24	2.29	3.90	
08	3.17	6.7	5.1	2.2	0.9	2.05	2.98	3.96	
09	1.77	4.1	2.9	1.2	0.5	0.49	1.32	2.93	
10	1.61	4.1	3.0	1.1	0.6	0.63	1.27	2.12	
11	0.51	2.6	1.5	0.3	0.0	0.07	0.23	0.67	
12	0.93	2.8	1.8	0.5	0.2	0.12	0.67	1.18	
Summary	19.73	52.3	36.1	13.5	4.9	8.09	16.03	28.32	

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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	2.90	1.1	1.1	0.5	0.3	0.0					0.00	2.00	3.50
02	1.50	1.2	0.9	0.2	0.0	0.0					0.00	0.50	3.00
03	2.80	1.0	0.9	0.3	0.2	0.0					0.00	0.50	3.00
04	0.50	0.3	0.2	0.0	0.0	0.0					0.00	0.00	0.00
05	0.00	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					0.00	0.00	0.00
07	0.00	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					0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	0.10	0.1	0.1	0.0	0.0	0.0					0.00	0.00	0.00
11	1.10	0.6	0.6	0.0	0.0	0.0					0.00	0.00	1.00
12	4.00	1.2	1.1	0.8	0.3	0.0					0.00	0.50	7.00
Summary	12.9	5.5	4.9	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	3.5	17.5

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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	40.3	79.3	237.1	437.1	756.6	1022.8	1191.7	1125.1	865.4	507.7	180.3	45.0
45	13.4	34.3	137.7	303.6	602.7	872.9	1036.8	970.2	716.0	364.1	97.7	15.1
50	3.1	11.5	65.9	189.7	451.8	723.0	881.8	815.2	567.7	235.6	43.0	3.3
55	0.4	2.7	25.0	101.8	310.7	573.3	726.8	660.2	422.4	132.8	14.8	0.2
60	0.0	0.5	7.4	44.0	188.3	424.8	571.8	505.5	285.4	61.5	3.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	64.0	94.9	196.8	293.6	468.6	652.3	769.0	731.2	548.0	332.2	153.3	60.4

Growing Degree Units (Accumulated Monthly)												
40	40	120	357	794	1550	2573	3765	4890	5755	6263	6443	6488
45	13	48	185	489	1092	1965	3001	3972	4688	5052	5149	5164
50	3	15	80	270	722	1445	2327	3142	3710	3945	3988	3992
55	0	3	28	130	441	1014	1741	2401	2823	2956	2971	2971
60	0	0	8	52	240	665	1237	1742	2028	2089	2092	2092
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	64	159	356	649	1118	1770	2539	3270	3818	4151	4304	4364

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