

Summary of Monthly Normals
1991-2020

Generated on 04/30/2024

Current Location: Elev: 1338 ft. Lat: 38.6656° N Lon: 96.9494° W

Station: HERINGTON, KS US USC00143594

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	39.9	16.8	28.3	4.7	3.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	826.0	888.0	981.0	1136.0	0.0	0.0	8.8	9.6	29.6	2.0
02	44.8	20.5	32.6	6.2	4.8	5.2	2.1	1.1	0.4	0.1	0.0	0.0	627.8	682.7	766.0	905.8	0.0	0.0	11.2	6.1	24.3	1.1
03	55.8	30.7	43.3	5.2	4.4	4.6	26.6	18.1	9.4	1.9	0.1	0.0	390.9	444.4	528.7	676.2	0.0	0.0	20.5	1.5	17.8	0.4
04	65.6	40.7	53.2	3.9	3.2	3.4	96.5	72.5	44.2	14.5	2.5	1.0	152.0	188.0	249.7	370.0	0.0	0.2	27.0	0.1	5.9	0.0
05	74.7	52.3	63.5	3.7	2.8	3.1	290.7	242.0	176.6	89.6	34.4	21.3	27.3	40.6	68.1	136.2	0.0	1.6	30.7	0.0	0.5	0.0
06	84.9	62.5	73.7	2.9	2.1	2.4	561.5	502.1	413.6	272.1	149.0	108.0	0.6	1.2	2.8	11.2	0.3	8.7	30.0	0.0	0.0	0.0
07	90.0	67.3	78.7	3.4	2.5	2.8	733.0	671.0	578.0	424.1	276.1	220.7	0.0	0.0	0.0	1.1	3.2	16.7	31.0	0.0	0.0	0.0
08	88.5	65.1	76.8	4.0	2.9	3.3	675.6	613.7	521.0	368.9	227.8	177.7	0.0	0.1	0.4	3.2	2.7	14.1	31.0	0.0	0.0	0.0
09	80.5	55.8	68.1	3.6	3.5	3.3	403.4	349.1	272.5	162.5	80.1	55.3	9.0	14.7	28.1	68.1	0.3	5.0	29.9	0.0	0.1	0.0
10	68.6	42.4	55.5	3.5	2.6	2.8	133.1	102.8	66.4	25.6	6.9	3.8	117.6	149.3	205.9	320.1	0.0	0.4	28.9	0.1	5.0	0.0
11	54.5	30.3	42.4	5.3	4.0	4.4	18.5	12.0	5.7	1.0	0.1	0.0	396.5	450.0	533.6	679.0	0.0	0.0	19.7	1.4	17.8	0.0
12	42.6	20.6	31.6	4.4	4.0	3.9	0.9	0.5	0.2	0.0	0.0	0.0	726.1	787.7	880.3	1035.3	0.0	0.0	9.8	7.3	28.3	1.1
Summary	65.9	42.1	54.0	4.2	3.4	3.6	2942	2585	2088	1360	777	588	3274	3647	4245	5342	6.5	46.7	278.5	26.1	129.3	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	0.82	4.0	2.3	0.5	0.1	0.43	0.67	1.12	
02	1.22	4.3	2.6	0.7	0.2	0.50	1.03	1.70	
03	2.27	6.6	4.4	1.6	0.4	1.13	2.20	2.89	
04	3.45	7.9	5.4	2.2	1.0	2.26	3.41	4.06	
05	5.11	10.2	7.2	3.1	1.6	3.11	4.29	5.83	
06	4.61	8.4	6.2	3.2	1.7	3.21	4.37	5.53	
07	4.18	8.6	6.2	2.6	1.5	1.88	3.13	6.13	
08	4.28	8.0	6.0	2.5	1.4	2.44	3.91	5.45	
09	3.00	6.5	4.4	1.8	1.0	1.61	2.65	4.45	
10	2.42	6.1	4.3	1.8	0.5	1.34	2.01	3.29	
11	1.58	4.8	2.9	0.8	0.4	0.39	0.97	2.07	
12	1.33	4.3	2.5	0.6	0.3	0.47	0.97	1.80	
Summary	34.27	79.7	54.4	21.4	10.1	18.77	29.61	44.32	

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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	3.60	2.5	1.4	0.4	0.1	0.0	5.5	2.3	0.6	0.0	1.20	3.50	5.20
02	3.60	1.7	1.4	0.5	0.1	0.0	4.2	2.0	1.0	0.0	0.00	1.50	5.00
03	1.80	0.9	0.6	0.3	0.1	0.0	1.2	0.5	0.3	0.0	0.00	0.30	2.70
04	0.20	0.2	0.1	0.0	0.0	0.0	0.0	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	0.0	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	0.10	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.80	0.5	0.5	0.3	0.0	0.0	0.4	0.3	0.1	0.0	0.00	0.00	0.00
12	3.00	1.7	1.2	0.6	0.1	0.0	4.8	2.3	0.5	0.0	0.30	1.00	4.90
Summary	13.1	7.6	5.2	2.1	0.4	0.0	16.1	7.4	2.5	0.0	1.5	6.3	17.8

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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	18.6	51.1	200.0	410.8	728.6	1010.8	1197.9	1140.6	844.4	490.8	169.8	33.4
45	4.5	21.7	116.3	284.0	575.0	860.8	1043.0	985.6	694.9	352.4	94.7	11.1
50	0.5	7.5	60.0	177.2	426.4	710.9	888.0	830.6	546.9	230.6	46.2	3.0
55	0.0	2.1	26.6	96.5	290.7	561.5	733.0	675.6	403.4	133.1	18.5	0.9
60	0.0	0.4	9.4	44.2	176.6	413.6	578.0	521.0	272.5	66.4	5.7	0.2
Growing Degree Units for Corn (Monthly)												
50/86	26.7	51.3	146.2	256.8	452.9	677.8	805.6	761.0	546.9	316.6	120.7	33.4

Growing Degree Units (Accumulated Monthly)												
40	19	70	270	680	1409	2420	3618	4758	5603	6094	6263	6297
45	4	26	142	426	1002	1862	2905	3891	4586	4938	5033	5044
50	0	8	68	245	672	1382	2270	3101	3648	3879	3925	3928
55	0	2	29	125	416	977	1710	2386	2789	2922	2941	2942
60	0	0	10	54	231	644	1222	1743	2016	2082	2088	2088
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	27	78	224	481	934	1612	2417	3178	3725	4042	4162	4196

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