

Summary of Monthly Normals
1991-2020

Generated on 05/01/2024

Current Location: Elev: 1032 ft. Lat: 39.6678° N Lon: 95.5200° W

Station: HORTON, KS US USC00143810

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	36.9	15.7	26.3	4.8	4.1	4.1	0.0	0.0	0.0	0.0	0.0	0.0	889.4	951.5	1044.4	1199.4	0.0	0.0	6.8	9.8	29.2	3.0
02	42.6	19.6	31.1	6.6	5.0	5.6	2.3	1.3	0.6	0.2	0.0	0.0	671.4	726.5	809.7	949.3	0.0	0.0	10.1	6.7	24.4	1.5
03	54.0	29.9	41.9	5.8	4.5	4.9	23.5	16.1	8.4	2.0	0.2	0.1	428.1	482.7	568.0	716.6	0.0	0.0	20.5	1.3	18.0	0.3
04	64.4	41.3	52.8	3.9	3.8	3.8	90.7	67.3	40.5	12.1	1.8	0.6	155.1	191.8	255.0	376.6	0.0	0.1	27.1	0.2	5.5	0.0
05	75.1	53.3	64.2	3.7	3.2	3.2	306.2	255.4	186.2	94.8	35.4	21.7	21.0	32.2	56.1	119.7	0.0	1.6	30.9	0.0	0.2	0.0
06	84.1	63.6	73.8	2.4	2.1	2.0	565.4	505.7	416.9	274.0	146.8	105.3	0.1	0.3	1.5	8.7	0.1	8.8	30.0	0.0	0.0	0.0
07	88.4	67.7	78.1	2.9	2.2	2.3	714.4	652.5	559.5	405.1	256.3	200.3	0.0	0.0	0.0	0.7	1.8	15.6	31.0	0.0	0.0	0.0
08	86.8	64.8	75.8	3.1	2.8	2.7	644.7	582.8	490.0	337.3	196.5	147.4	0.0	0.0	0.2	2.6	1.3	12.2	31.0	0.0	0.0	0.0
09	79.5	55.8	67.6	3.4	3.4	3.2	386.4	331.5	254.7	144.8	68.1	46.7	7.0	12.1	25.3	65.4	0.2	4.3	30.0	0.0	0.1	0.0
10	67.3	42.0	54.6	3.6	2.8	2.9	115.6	87.3	54.0	19.4	4.8	2.3	126.4	160.1	219.9	340.2	0.0	0.3	28.9	0.0	4.7	0.0
11	52.6	29.9	41.3	6.1	4.1	4.8	12.8	7.7	3.3	0.4	0.0	0.0	425.2	480.1	565.7	712.8	0.0	0.0	19.0	1.4	17.3	0.0
12	40.7	20.4	30.6	4.9	4.2	4.3	0.7	0.5	0.2	0.0	0.0	0.0	758.5	820.3	913.0	1067.8	0.0	0.0	9.1	7.1	27.9	1.3
Summary	64.4	42.0	53.2	4.3	3.5	3.6	2863	2508	2014	1290	710	524	3482	3858	4459	5560	3.4	42.9	274.4	26.5	127.3	6.1

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	0.76	4.7	2.6	0.3	0.0	0.32	0.76	1.11	
02	1.28	5.6	3.0	0.7	0.2	0.59	1.14	1.77	
03	2.13	6.8	4.7	1.5	0.4	1.13	2.07	2.72	
04	3.82	9.8	6.6	2.8	0.9	2.42	3.26	4.90	
05	5.23	11.2	7.9	3.7	1.6	3.16	4.41	7.34	
06	4.77	9.8	6.9	3.4	1.5	2.81	4.56	6.34	
07	5.42	9.4	6.7	3.3	1.6	1.76	4.54	7.31	
08	4.27	8.4	6.1	2.9	1.4	1.67	3.75	6.60	
09	3.71	7.5	5.3	2.4	1.2	1.68	3.34	4.89	
10	3.25	7.3	5.3	2.1	1.0	1.52	2.86	4.66	
11	1.81	5.5	3.7	1.2	0.4	0.99	1.45	2.48	
12	1.49	4.6	3.0	1.1	0.2	0.60	1.30	2.23	
Summary	37.94	90.6	61.8	25.4	10.4	18.65	33.44	52.35	

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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1991-2020
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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	2.80	1.5	1.2	0.5	0.1	0.0					0.70	2.50	3.50
02	2.90	1.7	1.1	0.4	0.1	0.0					0.00	2.30	3.10
03	0.90	0.7	0.5	0.1	0.0	0.0					0.00	0.30	1.10
04	0.20	0.2	0.1	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	0.20	0.2	0.1	0.0	0.0	0.0					0.00	0.00	0.00
11	0.60	0.5	0.3	0.1	0.0	0.0					0.00	0.00	0.70
12	3.10	1.2	1.1	0.3	0.1	0.0					0.00	0.00	4.20
Summary	10.7	6.0	4.4	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.7	5.1	12.6

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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	9.6	41.2	173.2	402.4	750.3	1015.3	1179.4	1109.6	829.4	464.5	143.0	24.3
45	2.0	18.0	98.7	276.4	596.1	865.3	1024.4	954.6	679.5	327.1	75.5	7.8
50	0.3	7.1	51.3	169.2	445.7	715.3	869.4	799.7	530.8	208.8	34.4	2.5
55	0.0	2.3	23.5	90.7	306.2	565.4	714.4	644.7	386.4	115.6	12.8	0.7
60	0.0	0.6	8.4	40.5	186.2	416.9	559.5	490.0	254.7	54.0	3.3	0.2
Growing Degree Units for Corn (Monthly)												
50/86	14.2	42.2	127.5	243.1	467.7	689.8	806.3	746.8	533.8	295.5	97.8	21.4

Growing Degree Units (Accumulated Monthly)												
40	10	51	224	626	1377	2392	3571	4681	5510	5975	6118	6142
45	2	20	119	395	991	1856	2881	3836	4515	4842	4918	4925
50	0	7	59	228	674	1389	2258	3058	3589	3798	3832	3835
55	0	2	26	116	423	988	1702	2347	2734	2849	2862	2863
60	0	1	9	50	236	653	1212	1702	1957	2011	2014	2014
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	14	56	184	427	895	1584	2391	3138	3671	3967	4065	4086

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