

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 1408 ft. Lat: 42.6167° N Lon: 97.2608° W

Station: HARTINGTON, NE US USC00253630

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	30.3	10.1	20.2	5.2	5.2	5.0	0.0	0.0	0.0	0.0	0.0	0.0	1078.6	1140.6	1233.6	1388.7	0.0	0.0	2.8	16.0	30.3	7.6
02	34.8	13.3	24.1	7.5	6.0	6.6	0.1	0.0	0.0	0.0	0.0	0.0	866.5	922.4	1006.4	1146.5	0.0	0.0	5.7	11.5	26.3	4.3
03	47.1	23.7	35.4	6.6	4.6	5.3	6.9	4.4	2.1	0.6	0.0	0.0	614.6	674.0	764.7	918.2	0.0	0.0	13.4	4.5	23.5	0.9
04	59.2	35.0	47.1	4.6	3.4	3.9	37.7	26.5	14.4	4.0	0.8	0.4	274.7	323.5	401.4	541.0	0.0	0.3	23.9	0.6	11.1	0.0
05	70.4	47.8	59.1	3.8	3.1	3.2	188.3	150.2	102.4	46.5	14.7	8.2	61.3	85.2	130.4	229.4	0.0	1.1	30.4	0.0	1.1	0.0
06	80.3	59.0	69.6	3.3	2.3	2.7	441.4	383.8	300.7	173.3	76.3	49.7	2.1	4.5	11.4	33.9	0.0	4.1	30.0	0.0	0.0	0.0
07	84.8	63.2	74.0	3.6	2.9	3.1	588.9	526.9	434.3	284.8	150.9	107.6	0.0	0.0	0.5	5.9	0.5	8.1	31.0	0.0	0.0	0.0
08	82.4	60.4	71.4	2.3	2.3	2.1	508.5	446.9	355.9	212.7	96.0	63.0	0.1	0.6	2.6	14.4	0.1	5.3	31.0	0.0	0.0	0.0
09	76.0	51.0	63.5	3.2	3.6	3.1	277.6	229.6	165.2	81.6	30.3	18.0	22.8	34.8	60.4	126.7	0.0	2.4	29.9	0.0	0.5	0.0
10	62.5	37.7	50.1	4.4	3.0	3.4	59.8	42.0	23.3	7.5	1.2	0.4	211.7	256.0	330.2	469.4	0.0	0.5	26.8	0.2	7.6	0.0
11	46.8	24.6	35.7	6.4	4.2	5.2	4.6	2.4	0.7	0.0	0.0	0.0	583.5	641.3	729.6	879.0	0.0	0.0	13.3	5.0	23.1	0.4
12	33.6	14.3	24.0	5.7	4.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	962.3	1024.2	1117.2	1272.4	0.0	0.0	3.9	13.0	30.0	4.4
Summary	59.0	36.7	47.9	4.7	3.8	4.0	2114	1813	1399	811	370	247	4678	5107	5788	7025	0.6	21.8	242.1	50.8	153.5	17.6

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	0.57	3.9	2.0	0.1	0.0	0.26	0.55	0.73	
02	0.84	4.3	2.4	0.4	0.0	0.43	0.89	1.21	
03	1.50	5.1	3.1	0.9	0.1	0.61	1.22	1.99	
04	3.21	8.6	5.6	2.3	0.6	2.03	3.05	4.12	
05	4.37	10.0	7.5	3.0	1.0	3.23	4.22	5.52	
06	4.64	8.9	6.5	3.0	1.5	2.33	4.07	5.64	
07	3.46	7.2	5.0	2.1	1.1	1.68	3.09	4.57	
08	3.34	7.0	5.1	2.3	1.0	1.74	3.15	5.01	
09	3.01	6.1	4.4	2.2	0.9	1.61	2.96	4.33	
10	2.56	5.6	3.7	1.6	0.7	1.02	1.95	3.26	
11	1.30	4.0	2.2	0.8	0.3	0.25	0.97	1.84	
12	0.79	4.0	2.0	0.4	0.0	0.26	0.52	1.05	
Summary	29.59	74.7	49.5	19.1	7.2	15.45	26.64	39.27	

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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	8.10	4.6	3.3	0.8	0.3	0.0	17.7	12.3	7.9	2.6	3.50	9.30	12.70
02	6.70	3.7	2.6	0.7	0.2	0.1	14.1	10.0	7.0	2.9	2.90	4.60	9.90
03	6.20	3.0	2.0	0.7	0.3	0.1	8.0	4.2	2.1	0.2	3.10	5.00	7.50
04	4.00	1.2	1.1	0.6	0.3	0.0	1.3	0.8	0.6	0.0	0.00	1.80	7.90
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	0.90	0.4	0.4	0.1	0.0	0.0	0.5	0.2	0.0	0.0	0.00	0.00	0.50
11	4.60	2.2	1.6	0.8	0.1	0.0	3.4	2.1	1.1	0.0	0.70	3.00	8.30
12	4.80	3.9	2.7	0.6	0.2	0.0	12.1	6.4	2.8	0.4	1.10	5.30	6.60
Summary	35.3	19.0	13.7	4.3	1.4	0.2	57.1	36.0	21.5	6.1	11.3	29.0	53.4

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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	4.4	14.4	91.5	261.9	593.0	889.2	1053.7	973.2	704.9	340.6	77.8	7.0
45	0.9	4.7	46.3	158.6	443.3	739.2	898.7	818.2	556.1	222.0	38.5	1.9
50	0.2	1.1	19.1	83.1	304.5	589.4	743.8	663.3	411.4	126.2	16.1	0.4
55	0.0	0.1	6.9	37.7	188.3	441.4	588.9	508.5	277.6	59.8	4.6	0.0
60	0.0	0.0	2.1	14.4	102.4	300.7	434.3	355.9	165.2	23.3	0.7	0.0
Growing Degree Units for Corn (Monthly)												
50/86	6.2	15.2	75.9	172.4	354.3	581.6	713.2	649.0	444.4	217.7	62.3	8.0

Growing Degree Units (Accumulated Monthly)												
40	4	19	110	372	965	1854	2908	3881	4586	4927	5005	5012
45	1	6	52	210	654	1393	2292	3110	3666	3888	3926	3928
50	0	1	20	104	408	997	1741	2404	2816	2942	2958	2959
55	0	0	7	45	233	674	1263	1772	2049	2109	2114	2114
60	0	0	2	16	119	420	854	1210	1375	1398	1399	1399
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	6	21	97	270	624	1206	1919	2568	3012	3230	3292	3300

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

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