

Summary of Monthly Normals
1991-2020

Generated on 04/30/2024

Current Location: Elev: 719 ft. Lat: 40.7408° N Lon: 88.7181° W

Station: CHENOA, IL US USC00111475

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	31.7	15.2	23.4	4.6	5.1	4.7	0.1	0.1	0.0	0.0	0.0	0.0	977.9	1039.7	1132.5	1287.7	0.0	0.0	2.5	14.6	28.7	4.2
02	36.5	18.8	27.7	5.9	6.2	5.9	0.5	0.2	0.0	0.0	0.0	0.0	766.1	821.8	905.5	1045.6	0.0	0.0	4.4	9.1	25.3	2.1
03	49.2	28.8	39.0	5.3	4.4	4.7	15.0	10.2	5.4	1.4	0.0	0.0	511.1	568.3	656.5	807.4	0.0	0.0	15.1	2.0	19.9	0.2
04	62.4	39.1	50.8	3.8	3.1	3.3	63.1	45.4	25.6	7.5	1.2	0.4	190.6	232.9	303.2	435.1	0.0	0.0	26.6	0.1	6.1	0.0
05	73.4	50.6	62.0	3.6	3.2	3.2	248.3	201.9	142.2	68.7	23.4	13.6	31.3	47.0	80.3	161.8	0.0	1.5	30.8	0.0	0.1	0.0
06	81.7	59.9	70.8	2.5	1.9	1.9	474.5	415.3	328.7	195.6	90.5	59.5	0.7	1.5	5.0	21.9	0.0	5.9	30.0	0.0	0.0	0.0
07	83.9	63.0	73.4	3.3	2.6	2.8	571.8	509.8	416.9	265.6	134.5	93.0	0.0	0.0	0.1	3.8	0.4	7.8	31.0	0.0	0.0	0.0
08	82.3	60.7	71.5	2.7	2.7	2.5	511.4	449.6	357.3	211.4	94.8	61.9	0.0	0.2	1.0	10.0	0.0	5.0	31.0	0.0	0.0	0.0
09	77.1	53.3	65.2	3.5	2.7	2.9	316.9	264.2	192.1	97.1	37.6	23.2	11.0	18.4	36.4	91.3	0.0	2.9	30.0	0.0	0.1	0.0
10	64.4	42.4	53.4	3.1	2.2	2.4	97.7	72.9	43.4	14.1	3.4	1.7	147.4	184.6	248.1	373.7	0.0	0.1	28.4	0.0	3.8	0.0
11	48.9	31.0	40.0	5.8	4.2	4.8	11.6	7.0	2.8	0.4	0.0	0.0	463.1	518.5	604.2	751.8	0.0	0.0	14.9	2.0	16.9	0.0
12	36.7	21.3	29.0	5.4	5.2	5.2	0.9	0.5	0.2	0.0	0.0	0.0	806.8	868.3	961.0	1115.8	0.0	0.0	4.7	9.2	25.9	1.2
Summary	60.7	40.3	50.5	4.1	3.6	3.7	2312	1977	1515	862	385	253	3906	4301	4934	6106	0.4	23.2	249.4	37.0	126.8	7.7

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	2.17	6.5	4.4	1.3	0.5	1.07	1.58	2.95
02	1.59	4.8	3.2	0.9	0.4	0.68	1.36	2.15
03	2.68	7.8	5.6	1.5	0.4	1.67	2.27	3.35
04	3.57	10.5	7.3	2.7	0.7	2.22	3.10	5.00
05	4.52	11.1	7.9	3.1	1.2	3.12	4.30	5.71
06	3.81	9.1	6.6	2.4	1.0	2.33	3.53	5.25
07	3.74	8.1	6.1	2.3	1.1	2.25	3.40	5.37
08	3.17	7.6	5.5	1.8	0.8	1.62	3.07	4.20
09	3.13	6.9	5.2	1.9	0.9	1.55	3.12	3.97
10	3.23	8.9	6.5	2.2	0.7	1.44	2.81	4.18
11	2.63	8.1	5.6	1.6	0.4	1.88	2.35	3.49
12	2.03	6.6	4.4	1.2	0.5	1.23	1.55	2.61
Summary	36.27	96.0	68.3	22.9	8.6	21.06	32.44	48.23

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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	5.30	2.8	2.1	0.6	0.2	0.0	11.8	6.7	3.2	0.9	0.80	3.20	6.90
02	4.80	2.5	1.6	0.8	0.4	0.1	8.4	5.8	3.8	1.8	0.00	1.30	7.90
03	2.30	1.5	0.7	0.3	0.1	0.0	1.8	0.8	0.2	0.0	0.00	1.10	2.30
04	0.80	0.4	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.70
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	1.30	0.8	0.5	0.1	0.1	0.0	1.0	0.1	0.0	0.0	0.00	0.10	0.90
12	5.40	3.1	1.6	0.4	0.1	0.0	5.6	3.4	2.5	0.8	1.20	2.40	6.50
Summary	19.9	11.1	6.7	2.2	0.9	0.1	28.8	16.8	9.7	3.5	2.0	8.1	25.2

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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	7.5	16.9	119.0	343.5	681.9	923.8	1036.8	976.4	755.9	423.6	125.5	19.5
45	2.3	6.4	67.1	223.5	527.8	773.9	881.8	821.4	606.2	289.6	66.5	6.8
50	0.6	2.1	34.9	128.1	379.9	623.9	726.8	666.4	458.6	179.5	31.1	2.4
55	0.1	0.5	15.0	63.1	248.3	474.5	571.8	511.4	316.9	97.7	11.6	0.9
60	0.0	0.0	5.4	25.6	142.2	328.7	416.9	357.3	192.1	43.4	2.8	0.2
Growing Degree Units for Corn (Monthly)												
50/86	4.3	11.4	76.3	209.9	418.7	612.0	705.2	653.5	478.5	247.8	67.8	9.9
Growing Degree Units (Accumulated Monthly)												
40	8	24	143	487	1169	2093	3129	4106	4862	5285	5411	5430
45	2	9	76	299	827	1601	2483	3304	3910	4200	4267	4273
50	1	3	38	166	546	1170	1896	2563	3021	3201	3232	3234
55	0	1	16	79	327	802	1373	1885	2202	2299	2311	2312
60	0	0	5	31	173	502	919	1276	1468	1512	1514	1515
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	16	92	302	721	1333	2038	2691	3170	3418	3485	3495

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