

Summary of Monthly Normals
1991-2020

Generated on 06/05/2024

Current Location: Elev: 620 ft. Lat: 40.7942° N Lon: 87.7544° W
Station: **WATSEKA 2 NW, IL US USC00119021**

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	32.7	15.5	24.1	5.2	5.9	5.4	0.2	0.1	0.0	0.0	0.0	0.0	957.9	1019.7	1112.5	1267.6	0.0	0.0	2.9	15.6	28.1	5.0
02	37.4	18.4	27.9	6.1	6.7	6.2	0.5	0.2	0.1	0.0	0.0	0.0	759.2	814.9	898.6	1038.6	0.0	0.0	4.4	9.6	25.1	2.8
03	49.6	28.5	39.1	5.2	4.3	4.6	14.5	9.5	5.0	1.6	0.3	0.1	509.0	566.0	654.5	806.2	0.0	0.0	13.9	3.0	21.2	0.4
04	62.3	38.3	50.3	3.6	3.0	3.2	60.2	43.0	24.1	7.6	1.4	0.6	201.2	244.0	315.1	448.6	0.0	0.0	25.3	0.1	8.0	0.0
05	73.5	50.2	61.8	3.8	3.3	3.4	246.2	201.4	143.1	70.9	26.7	15.9	33.9	51.1	85.9	168.6	0.0	0.7	30.8	0.0	0.5	0.0
06	82.1	59.8	70.9	2.4	2.1	2.0	479.4	420.6	334.2	202.4	97.2	66.0	1.1	2.3	5.9	24.0	0.0	4.2	30.0	0.0	0.0	0.0
07	84.8	62.7	73.7	3.0	2.5	2.6	581.2	519.1	426.3	274.8	142.1	99.0	0.0	0.0	0.2	3.6	0.2	5.3	31.0	0.0	0.0	0.0
08	83.2	60.0	71.6	2.5	3.1	2.7	514.6	452.7	360.6	213.6	96.0	62.2	0.0	0.2	1.1	9.0	0.0	3.0	31.0	0.0	0.0	0.0
09	78.7	52.2	65.4	3.1	2.9	2.7	324.5	271.5	199.3	103.2	42.0	26.1	11.1	18.1	36.0	89.9	0.0	2.4	30.0	0.0	0.3	0.0
10	65.9	41.3	53.6	2.9	2.4	2.3	100.4	75.5	46.8	17.2	4.8	2.7	143.8	180.9	245.2	370.6	0.0	0.1	28.6	0.0	5.8	0.0
11	50.7	30.9	40.8	5.7	3.7	4.5	11.7	6.6	2.6	0.4	0.0	0.0	437.7	492.6	578.5	726.4	0.0	0.0	15.3	1.8	17.8	0.1
12	38.0	21.4	29.7	5.2	5.6	5.3	0.8	0.4	0.1	0.0	0.0	0.0	785.0	846.6	939.2	1094.2	0.0	0.0	4.7	10.4	26.8	1.9
Summary	61.6	39.9	50.7	4.1	3.8	3.7	2334	2001	1542	892	410	273	3840	4236	4873	6047	0.2	15.7	247.9	40.5	133.6	10.2

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	2.07	10.2	4.8	1.4	0.4	1.07	1.99	2.66
02	1.98	8.3	4.9	1.2	0.4	1.37	1.83	2.48
03	2.42	9.7	5.8	1.5	0.3	1.42	2.36	3.25
04	3.65	12.0	7.5	2.8	0.9	2.44	3.47	4.99
05	4.41	12.4	8.6	2.9	0.8	3.49	4.61	5.48
06	5.02	11.1	7.3	3.5	1.7	4.19	4.99	5.63
07	4.20	9.4	6.8	3.0	1.2	2.15	3.71	5.60
08	3.50	9.4	6.0	2.5	1.0	1.82	2.94	4.65
09	3.19	8.6	5.7	2.1	0.8	1.48	2.68	3.82
10	3.24	9.8	6.1	2.2	0.8	1.90	2.54	4.13
11	2.65	9.7	6.2	2.1	0.2	1.92	2.42	3.26
12	2.10	10.2	5.1	1.2	0.3	1.23	1.65	2.60
Summary	38.43	120.8	74.8	26.4	8.8	24.48	35.19	48.55

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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	5.40	4.4	2.4	0.6	0.2	0.0					2.90	6.30	6.50
02	4.70	3.2	2.1	0.7	0.2	0.0					0.40	3.20	5.50
03	1.60	1.5	1.0	0.2	0.1	0.0					0.00	1.00	2.00
04	0.30	0.2	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	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
11	0.70	0.8	0.3	0.1	0.0	0.0					0.00	0.00	0.80
12	4.40	2.9	1.7	0.5	0.3	0.0					1.20	3.50	6.00
Summary	17.1	13.0	7.7	2.1	0.8	0.0	0.0	0.0	0.0	0.0	4.5	14.0	20.8

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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	11.4	22.0	118.9	329.3	677.3	928.2	1046.1	979.5	763.3	428.4	136.7	27.0
45	3.3	8.3	65.9	211.1	523.9	778.3	891.1	824.5	613.8	293.3	72.0	9.9
50	0.9	2.8	34.3	120.5	376.6	628.5	736.2	669.6	466.4	183.5	33.5	3.2
55	0.2	0.5	14.5	60.2	246.2	479.4	581.2	514.6	324.5	100.4	11.7	0.8
60	0.0	0.1	5.0	24.1	143.1	334.2	426.3	360.6	199.3	46.8	2.6	0.1
Growing Degree Units for Corn (Monthly)												
50/86	6.7	16.0	80.0	205.2	416.7	614.2	710.8	655.8	489.9	267.5	79.3	14.9

Growing Degree Units (Accumulated Monthly)												
40	11	33	152	482	1159	2087	3133	4113	4876	5304	5441	5468
45	3	12	78	289	812	1591	2482	3306	3920	4214	4286	4295
50	1	4	38	158	535	1164	1900	2569	3036	3219	3253	3256
55	0	1	15	75	322	801	1382	1897	2221	2322	2333	2334
60	0	0	5	29	172	506	933	1293	1493	1540	1542	1542
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	7	23	103	308	725	1339	2050	2705	3195	3463	3542	3557

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