

Summary of Monthly Normals
1991-2020

Generated on 04/24/2024

Current Location: Elev: 690 ft. Lat: 39.4458° N Lon: 88.5961° W

Station: WINDSOR, IL US USC00119354

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	34.6	19.2	26.9	4.3	4.9	4.5	0.3	0.2	0.0	0.0	0.0	0.0	871.2	933.0	1025.8	1180.8	0.0	0.0	4.2	11.7	26.5	2.2
02	39.6	22.8	31.2	5.9	5.5	5.6	1.1	0.6	0.2	0.0	0.0	0.0	667.4	722.9	806.5	946.3	0.0	0.0	7.7	7.1	22.0	1.2
03	50.9	31.9	41.4	5.2	4.2	4.6	21.2	14.2	7.0	1.6	0.0	0.0	442.8	497.8	583.6	733.2	0.0	0.0	17.2	1.9	16.1	0.1
04	63.9	41.9	52.9	3.6	3.1	3.2	88.6	66.0	38.8	11.4	1.6	0.4	151.7	189.1	251.8	374.4	0.0	0.0	27.6	0.0	4.4	0.0
05	73.7	53.1	63.4	3.4	3.2	3.2	282.9	233.5	167.3	82.0	26.7	14.4	22.6	35.2	62.0	131.7	0.0	1.0	30.9	0.0	0.0	0.0
06	82.1	61.6	71.9	2.2	2.2	2.0	505.8	446.4	358.2	219.6	105.1	70.8	0.4	1.0	2.9	14.2	0.0	5.7	30.0	0.0	0.0	0.0
07	85.0	64.7	74.8	3.1	2.6	2.7	615.3	553.3	460.2	307.0	166.8	119.8	0.0	0.0	0.0	1.7	0.3	9.0	31.0	0.0	0.0	0.0
08	83.7	62.5	73.1	2.5	2.8	2.5	561.0	499.1	406.7	256.9	127.8	86.9	0.0	0.1	0.7	5.8	0.0	6.2	31.0	0.0	0.0	0.0
09	78.4	55.2	66.8	3.1	2.8	2.7	361.2	306.4	229.6	122.9	51.1	31.7	7.2	12.5	25.7	69.0	0.0	3.5	30.0	0.0	0.0	0.0
10	66.3	44.3	55.3	2.8	2.2	2.2	123.0	93.4	59.0	21.4	5.2	2.6	113.8	146.2	204.8	322.2	0.0	0.2	29.2	0.0	2.2	0.0
11	51.0	33.2	42.1	5.3	4.1	4.6	17.2	10.8	4.7	1.0	0.0	0.0	404.1	457.7	541.7	687.9	0.0	0.0	17.0	1.5	14.1	0.0
12	39.2	24.7	31.9	4.6	4.6	4.5	1.5	0.9	0.3	0.1	0.0	0.0	716.0	777.3	869.7	1024.5	0.0	0.0	6.6	7.5	23.6	0.3
Summary	62.4	42.9	52.6	3.8	3.5	3.5	2579	2225	1732	1024	484	327	3397	3773	4375	5492	0.3	25.6	262.4	29.7	108.9	3.8

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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

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	2.64	8.6	5.0	1.6	0.5	1.55	2.30	3.45	
02	1.97	7.2	4.6	1.1	0.4	0.93	1.90	2.62	
03	3.11	9.4	6.2	2.2	0.6	1.88	2.92	4.25	
04	4.51	10.7	7.7	3.0	1.1	2.61	4.05	5.92	
05	4.57	12.8	8.7	2.8	1.0	2.99	3.83	6.51	
06	4.76	10.1	7.7	3.1	1.4	2.64	4.13	6.92	
07	3.91	8.4	5.6	2.6	1.1	2.25	3.29	5.48	
08	2.95	7.7	5.0	2.0	0.7	1.82	2.63	3.83	
09	2.97	7.0	4.5	1.7	0.8	1.28	2.14	4.04	
10	3.60	7.8	5.1	2.5	1.0	2.17	3.22	4.79	
11	3.75	9.3	6.4	2.8	1.0	2.27	3.16	4.99	
12	2.45	8.0	4.8	1.6	0.4	1.45	2.14	2.76	
Summary	41.19	107.0	71.3	27.0	10.0	23.84	35.71	55.56	

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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	5.20	3.1	2.1	0.8	0.2	0.1	10.1	5.0	2.8	1.4	2.20	5.10	6.50
02	3.40	1.9	1.3	0.5	0.1	0.0	4.9	2.7	1.2	0.1	0.00	0.70	6.20
03	1.40	0.8	0.5	0.2	0.1	0.0	1.1	0.3	0.2	0.0	0.00	0.00	2.50
04	0.30	0.2	0.1	0.0	0.0	0.0	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	0.0	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	0.80	0.6	0.5	0.1	0.0	0.0	1.0	0.2	0.0	0.0	0.00	0.00	1.80
12	2.60	2.0	1.5	0.4	0.2	0.0	3.9	2.0	1.0	0.0	0.30	1.00	3.90
Summary	13.7	8.6	6.0	2.0	0.6	0.1	21.1	10.2	5.2	1.5	2.5	6.8	20.9

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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	18.1	38.7	158.0	399.0	725.4	955.3	1080.2	1025.9	803.8	479.1	161.2	36.3
45	6.6	15.0	89.2	272.0	570.8	805.4	925.2	871.0	654.0	337.9	89.8	13.9
50	1.8	4.7	46.8	166.1	421.1	655.4	770.2	716.0	505.3	216.6	43.8	4.9
55	0.3	1.1	21.2	88.6	282.9	505.8	615.3	561.0	361.2	123.0	17.2	1.5
60	0.0	0.2	7.0	38.8	167.3	358.2	460.2	406.7	229.6	59.0	4.7	0.3
Growing Degree Units for Corn (Monthly)												
50/86	9.2	22.9	93.1	234.9	447.9	644.0	743.9	697.1	517.4	284.1	86.1	16.5

Growing Degree Units (Accumulated Monthly)												
40	18	57	215	614	1339	2294	3375	4401	5204	5684	5845	5881
45	7	22	111	383	954	1759	2684	3555	4209	4547	4637	4651
50	2	6	53	219	640	1296	2066	2782	3287	3504	3548	3553
55	0	1	23	111	394	900	1515	2076	2437	2560	2578	2579
60	0	0	7	46	213	572	1032	1438	1668	1727	1732	1732
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	9	32	125	360	808	1452	2196	2893	3410	3694	3781	3797

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