

Summary of Monthly Normals
1991-2020

Generated on 05/01/2024

Current Location: Elev: 481 ft. Lat: 38.6781° N Lon: 88.4797° W
Station: **FLORA, IL US USC00113106**

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	38.8	21.2	30.0	4.3	4.8	4.4	1.3	0.8	0.3	0.0	0.0	0.0	776.0	837.5	929.8	1084.5	0.0	0.0	6.4	9.0	26.5	1.4
02	44.2	24.7	34.5	5.2	5.3	5.2	3.0	1.5	0.3	0.0	0.0	0.0	578.4	632.8	715.6	855.3	0.0	0.0	8.4	5.8	22.6	0.5
03	54.5	33.0	43.8	5.1	4.3	4.6	30.5	21.6	11.9	3.1	0.5	0.1	379.2	432.3	515.6	661.8	0.0	0.0	19.5	0.8	15.0	0.0
04	67.1	43.5	55.3	3.2	3.3	3.1	124.8	95.8	61.1	21.3	4.5	1.9	115.9	146.8	202.2	312.4	0.0	0.0	28.2	0.0	3.8	0.0
05	76.8	54.1	65.5	3.4	3.4	3.2	337.0	284.2	212.0	114.4	46.4	28.1	13.1	22.2	43.1	100.5	0.0	1.6	31.0	0.0	0.0	0.0
06	86.0	63.3	74.7	2.2	2.1	1.9	589.5	529.9	440.6	295.7	165.0	120.9	0.2	0.5	1.4	6.5	0.2	9.8	30.0	0.0	0.0	0.0
07	89.0	65.8	77.4	3.2	2.5	2.7	694.3	632.3	539.3	384.7	236.4	182.2	0.0	0.0	0.0	0.4	0.9	15.0	31.0	0.0	0.0	0.0
08	87.8	63.4	75.6	2.6	2.7	2.4	638.5	576.5	483.5	330.0	186.5	136.5	0.0	0.0	0.1	1.6	0.8	11.4	31.0	0.0	0.0	0.0
09	81.6	55.4	68.5	3.5	3.1	3.0	410.5	354.2	273.7	155.7	71.6	48.3	5.6	9.3	18.9	50.9	0.1	6.3	30.0	0.0	0.0	0.0
10	69.0	44.3	56.6	2.7	2.4	2.4	143.8	111.5	72.6	30.8	9.8	5.9	92.6	122.3	176.5	289.6	0.0	0.7	30.0	0.0	2.7	0.0
11	54.8	33.6	44.2	5.0	3.6	4.1	19.6	12.3	5.3	1.3	0.2	0.1	343.6	396.3	479.2	625.2	0.0	0.0	20.2	0.5	14.1	0.0
12	43.2	25.9	34.5	4.5	4.2	4.2	2.3	1.4	0.5	0.0	0.0	0.0	636.2	697.3	789.3	943.8	0.0	0.0	8.5	5.8	23.9	0.3
Summary	66.1	44.0	55.1	3.7	3.5	3.4	2995	2622	2101	1337	721	524	2941	3297	3872	4932	2.0	44.8	274.2	21.9	108.6	2.2

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	2.95	7.2	5.5	2.1	0.8	1.85	2.49	3.82
02	2.54	7.5	5.7	1.7	0.9	1.39	2.59	3.35
03	3.83	9.7	7.3	2.7	1.1	2.87	3.37	4.58
04	5.31	9.4	7.6	3.3	1.4	3.34	4.70	6.31
05	5.09	12.1	9.0	3.5	1.1	3.36	4.27	6.61
06	5.86	10.2	7.8	3.3	1.7	2.72	6.29	8.56
07	4.19	7.9	5.8	3.0	1.5	2.79	4.18	5.11
08	3.73	7.3	5.2	2.4	1.1	2.46	3.03	4.64
09	3.34	6.5	5.0	2.1	1.0	1.94	2.81	3.99
10	3.67	8.4	6.2	3.0	1.3	1.89	3.03	5.21
11	4.23	8.7	6.5	2.6	1.2	2.55	4.24	5.45
12	3.26	9.0	6.8	2.5	0.8	2.04	2.80	4.30
Summary	48.00	103.9	78.4	32.2	13.9	29.20	43.80	61.93

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151 Patton Avenue
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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	3.10	1.8	1.3	0.5	0.2	0.0					2.10	2.50	3.00
02	3.20	1.5	1.5	0.4	0.0	0.0					0.00	1.50	4.50
03	0.80	0.2	0.2	0.1	0.1	0.0					0.00	0.00	0.00
04	0.00	0.0	0.0	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	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
12	4.50	1.3	1.2	0.7	0.2	0.0					0.50	5.00	6.50
Summary	11.6	4.8	4.2	1.7	0.5	0.0	0.0	0.0	0.0	0.0	2.6	9.0	14.0

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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	33.0	62.0	197.2	466.9	789.0	1039.3	1159.3	1103.4	854.9	518.4	189.5	58.0
45	13.3	28.5	116.6	333.0	634.0	889.4	1004.3	948.5	705.1	371.8	105.2	23.4
50	4.4	10.9	63.3	217.2	480.6	739.3	849.3	793.4	556.2	244.6	51.1	7.8
55	1.3	3.0	30.5	124.8	337.0	589.5	694.3	638.5	410.5	143.8	19.6	2.3
60	0.3	0.3	11.9	61.1	212.0	440.6	539.3	483.5	273.7	72.6	5.3	0.5
Growing Degree Units for Corn (Monthly)												
50/86	20.4	41.1	122.6	285.3	497.6	700.3	784.2	742.6	551.9	319.5	113.9	30.8

Growing Degree Units (Accumulated Monthly)												
40	33	95	292	759	1548	2587	3747	4850	5705	6223	6413	6471
45	13	42	158	491	1125	2015	3019	3968	4673	5045	5150	5173
50	4	15	79	296	776	1516	2365	3158	3715	3959	4010	4018
55	1	4	35	160	497	1086	1780	2419	2829	2973	2993	2995
60	0	1	12	74	286	726	1266	1749	2023	2095	2101	2101
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	20	62	184	469	967	1667	2452	3194	3746	4066	4179	4210

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