

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 680 ft. Lat: 41.8128° N Lon: 88.0728° W
Station: LISLE-MORTON ARBORETUM, IL US USC00115097

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	31.5	14.7	23.1	4.3	5.4	4.7	0.1	0.0	0.0	0.0	0.0	0.0	988.7	1050.5	1143.5	1298.7	0.0	0.0	1.9	16.9	29.1	6.0
02	35.2	17.7	26.4	5.4	6.1	5.6	0.1	0.0	0.0	0.0	0.0	0.0	799.3	855.1	939.2	1079.3	0.0	0.0	2.9	12.5	26.4	3.6
03	47.2	26.1	36.7	5.1	4.7	4.8	10.9	8.0	4.8	1.5	0.2	0.0	579.7	638.9	728.7	880.4	0.0	0.0	12.7	3.2	22.9	0.2
04	59.2	36.1	47.7	4.1	2.8	3.4	37.3	25.6	13.6	3.1	0.2	0.1	257.8	306.1	384.0	523.5	0.0	0.0	23.2	0.1	10.6	0.0
05	70.6	47.4	59.0	3.8	3.2	3.4	186.7	149.3	100.8	45.7	15.9	8.9	62.8	87.4	131.9	231.8	0.0	1.3	30.0	0.0	1.1	0.0
06	80.7	57.9	69.3	2.3	2.1	2.0	430.9	372.8	287.1	161.5	69.8	45.8	2.0	4.0	8.2	32.5	0.0	3.6	30.0	0.0	0.0	0.0
07	84.4	61.8	73.1	2.8	2.7	2.7	561.0	499.1	406.6	258.1	131.2	91.4	0.0	0.1	0.6	7.1	0.3	6.7	31.0	0.0	0.0	0.0
08	82.7	60.2	71.4	2.4	3.3	2.7	509.9	448.1	356.5	211.4	95.1	61.5	0.0	0.4	1.7	11.6	0.0	3.4	31.0	0.0	0.0	0.0
09	76.0	52.3	64.2	3.1	2.9	2.7	288.6	238.7	171.9	84.1	33.4	21.1	14.3	24.5	47.5	109.6	0.0	2.1	30.0	0.0	0.1	0.0
10	62.6	40.4	51.5	3.3	2.6	2.6	69.8	50.5	28.6	9.3	2.3	1.0	178.3	221.0	292.1	427.7	0.0	0.0	27.7	0.0	6.8	0.0
11	48.4	29.9	39.2	5.5	3.7	4.5	6.3	3.6	1.4	0.2	0.0	0.0	481.8	539.1	626.9	775.7	0.0	0.0	13.4	2.3	19.2	0.0
12	36.6	20.6	28.6	4.8	5.6	5.1	0.2	0.0	0.0	0.0	0.0	0.0	818.4	880.2	973.3	1128.3	0.0	0.0	3.8	10.2	27.4	2.1
Summary	59.6	38.8	49.2	3.9	3.8	3.7	2102	1796	1371	775	348	230	4183	4607	5278	6506	0.3	17.1	237.6	45.2	143.6	11.9

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	2.19							
02	1.96							
03	2.36							
04	3.82							
05	4.79							
06	4.43							
07	4.25							
08	4.35							
09	3.36							
10	3.58							
11	2.77							
12	2.32							
Summary	40.18	0.0	0.0	0.0	0.0	0.00	0.00	0.00

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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	7.0	16.8	88.9	261.7	589.6	878.8	1025.9	974.8	724.4	366.7	101.5	16.0
45	2.0	5.9	46.1	156.0	439.4	729.0	871.0	819.8	574.6	238.8	51.1	5.2
50	0.8	1.5	22.4	82.6	301.1	579.3	716.0	664.8	426.6	139.1	21.1	1.6
55	0.1	0.1	10.9	37.3	186.7	430.9	561.0	509.9	288.6	69.8	6.3	0.2
60	0.0	0.0	4.8	13.6	100.8	287.1	406.6	356.5	171.9	28.6	1.4	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.6	11.6	60.5	163.1	353.8	572.3	692.0	652.5	456.9	216.5	58.8	7.4

Growing Degree Units (Accumulated Monthly)												
40	7	24	113	374	964	1843	2869	3844	4568	4935	5036	5052
45	2	8	54	210	649	1378	2249	3069	3644	3883	3934	3939
50	1	2	25	107	408	988	1704	2368	2795	2934	2955	2957
55	0	0	11	48	235	666	1227	1737	2026	2095	2102	2102
60	0	0	5	18	119	406	813	1169	1341	1370	1371	1371
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	15	76	239	593	1165	1857	2509	2966	3183	3242	3249

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.