

Summary of Monthly Normals
1991-2020

Current Location: Elev: 763 ft. Lat: 42.0628° N Lon: 88.2861° W
Station: **ELGIN, IL US USC00112736**

Generated on 06/03/2024

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	30.1	14.1	22.1	4.5	5.4	4.9	0.1	0.1	0.0	0.0	0.0	0.0	1019.9	1081.7	1174.6	1329.7	0.0	0.0	1.4	17.9	29.1	5.5
02	34.2	16.8	25.5	5.7	6.3	5.9	0.0	0.0	0.0	0.0	0.0	0.0	825.9	881.9	965.8	1105.9	0.0	0.0	2.3	12.4	26.2	2.9
03	46.1	26.3	36.2	4.9	4.6	4.6	7.7	5.4	3.1	1.0	0.0	0.0	590.5	650.2	741.0	893.8	0.0	0.0	10.6	4.1	23.3	0.4
04	58.7	37.0	47.9	3.9	2.8	3.2	39.8	28.2	15.5	4.3	0.8	0.3	254.3	302.7	380.0	518.8	0.0	0.0	23.1	0.3	9.1	0.0
05	70.3	48.3	59.3	3.6	3.1	3.2	188.6	150.5	103.2	47.7	17.2	9.9	55.4	79.3	125.0	224.4	0.0	0.6	30.4	0.0	0.4	0.0
06	80.1	58.4	69.2	2.5	2.0	2.1	430.1	372.6	289.6	167.5	76.3	50.7	2.7	5.2	12.2	40.0	0.0	3.7	30.0	0.0	0.0	0.0
07	84.1	63.2	73.7	3.3	2.9	3.0	578.1	516.0	423.2	272.6	140.9	99.0	0.0	0.0	0.2	4.5	0.2	5.8	31.0	0.0	0.0	0.0
08	82.3	61.2	71.8	2.6	2.8	2.6	519.3	457.4	365.3	218.6	98.9	64.6	0.1	0.3	1.2	9.5	0.0	3.3	31.0	0.0	0.0	0.0
09	75.7	52.8	64.3	3.1	2.5	2.6	292.7	242.2	174.5	86.3	32.1	19.5	15.3	24.8	47.1	108.8	0.0	1.6	30.0	0.0	0.2	0.0
10	62.7	40.9	51.8	3.0	2.5	2.5	71.3	51.3	29.1	9.1	2.5	1.5	170.5	212.5	283.3	418.3	0.0	0.0	27.6	0.0	5.3	0.0
11	47.6	30.1	38.8	5.4	4.0	4.6	6.2	3.5	1.2	0.1	0.0	0.0	490.7	547.9	635.6	784.6	0.0	0.0	12.3	3.0	18.3	0.0
12	35.5	20.1	27.8	5.1	5.5	5.2	0.4	0.2	0.0	0.0	0.0	0.0	843.5	905.2	998.1	1153.1	0.0	0.0	2.9	11.8	27.5	2.1
Summary	59.0	39.1	49.0	4.0	3.7	3.7	2134	1827	1405	807	369	246	4269	4692	5364	6591	0.2	15.0	232.6	49.5	139.4	10.9

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	2.02	10.0	4.5	1.0	0.3	1.30	1.55	2.92
02	1.87	7.9	4.5	1.1	0.2	1.10	1.50	2.66
03	2.37	9.6	5.5	1.6	0.4	1.50	2.19	3.03
04	3.96	12.5	7.8	2.8	0.9	2.73	3.54	4.97
05	5.12	13.1	8.4	3.2	1.5	3.48	4.96	6.40
06	4.46	11.1	7.4	3.5	1.3	3.11	4.20	5.55
07	3.98	9.4	6.3	2.5	1.0	2.57	3.71	4.62
08	4.33	10.1	6.4	2.8	1.2	2.82	3.64	5.00
09	3.53	9.1	6.2	2.1	0.9	1.99	3.21	4.23
10	3.31	10.8	6.4	2.1	0.7	1.75	2.54	4.95
11	2.68	9.9	5.6	1.7	0.5	1.78	1.97	3.50
12	2.22	10.4	5.2	1.2	0.4	1.58	1.94	2.76
Summary	39.85	123.9	74.2	25.6	9.3	25.71	34.95	50.59

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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	9.50	7.1	3.4	1.0	0.3	0.0	16.6	11.1	6.4	1.5	5.60	9.40	11.90
02	8.00	5.1	2.6	0.9	0.5	0.0	12.6	8.4	4.4	0.8	1.60	5.80	13.10
03	3.70	2.7	1.2	0.3	0.1	0.0	3.8	1.9	0.9	0.0	1.20	2.60	5.70
04	0.80	0.7	0.3	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.00	0.00	1.00
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	1.40	1.1	0.5	0.1	0.0	0.0	1.3	0.3	0.1	0.0	0.00	0.00	1.50
12	8.70	5.2	2.5	0.8	0.3	0.0	9.4	5.2	2.4	0.1	2.00	7.00	10.00
Summary	32.1	21.9	10.5	3.1	1.2	0.0	44.2	27.0	14.2	2.4	10.4	24.8	43.2

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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	5.6	11.2	79.4	266.8	598.6	877.4	1043.0	984.1	727.4	375.4	103.6	15.9
45	1.1	3.5	41.7	161.5	446.4	727.4	888.1	829.2	578.0	245.5	50.2	5.0
50	0.4	0.8	19.6	85.5	305.0	577.8	733.1	674.2	431.0	143.4	21.0	1.9
55	0.1	0.0	7.7	39.8	188.6	430.1	578.1	519.3	292.7	71.3	6.2	0.4
60	0.0	0.0	3.1	15.5	103.2	289.6	423.2	365.3	174.5	29.1	1.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.2	7.2	52.9	159.3	354.0	570.0	708.8	661.0	453.7	217.1	55.8	7.5

Growing Degree Units (Accumulated Monthly)												
40	6	17	96	363	962	1839	2882	3866	4594	4969	5072	5088
45	1	5	46	208	654	1382	2270	3099	3677	3922	3973	3978
50	0	1	21	106	411	989	1722	2396	2827	2971	2992	2994
55	0	0	8	48	236	666	1244	1764	2056	2128	2134	2134
60	0	0	3	19	122	411	835	1200	1374	1404	1405	1405
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	3	10	63	223	577	1147	1855	2516	2970	3187	3243	3250

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