

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 710 ft. Lat: 41.4947° N Lon: 87.6803° W

Station: PARK FOREST, IL US USC00116616

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	31.1	15.2	23.2	4.6	5.5	5.0	0.2	0.1	0.0	0.0	0.0	0.0	987.3	1049.2	1142.2	1297.2	0.0	0.0	2.1	17.4	28.5	4.1
02	35.2	18.4	26.8	5.4	5.7	5.5	0.2	0.1	0.0	0.0	0.0	0.0	789.7	845.6	929.5	1069.5	0.0	0.0	3.2	11.0	24.9	2.3
03	46.4	28.1	37.2	5.1	4.4	4.7	10.2	7.2	4.3	1.5	0.3	0.1	560.5	619.5	709.6	861.8	0.0	0.0	11.1	3.7	21.2	0.3
04	59.3	38.3	48.8	3.7	2.9	3.2	48.5	34.9	19.8	6.5	1.1	0.5	234.5	280.9	355.8	492.5	0.0	0.0	23.8	0.1	5.8	0.0
05	70.6	49.3	60.0	3.8	3.2	3.5	207.6	168.2	117.4	57.9	22.6	13.8	54.2	76.8	119.0	214.5	0.0	1.0	30.2	0.0	0.2	0.0
06	80.2	58.9	69.5	2.4	2.3	2.3	439.4	382.0	299.5	176.7	82.6	55.4	3.0	5.6	13.1	40.3	0.0	3.8	30.0	0.0	0.0	0.0
07	83.9	63.8	73.9	2.8	2.4	2.5	584.3	522.3	429.6	278.6	144.7	101.2	0.0	0.0	0.3	4.3	0.2	5.8	31.0	0.0	0.0	0.0
08	82.0	62.0	72.0	2.5	2.7	2.5	527.0	465.1	373.1	226.0	103.0	67.6	0.0	0.2	1.1	9.1	0.0	3.3	31.0	0.0	0.0	0.0
09	75.8	54.6	65.2	3.1	2.6	2.7	317.7	265.2	194.3	99.3	38.8	23.7	11.8	19.3	38.4	93.4	0.0	1.9	30.0	0.0	0.1	0.0
10	63.1	42.4	52.8	2.9	2.4	2.5	86.9	64.3	37.8	12.1	3.0	1.6	156.6	196.0	262.6	391.8	0.0	0.0	27.8	0.0	3.3	0.0
11	48.2	31.4	39.8	5.2	4.1	4.6	8.5	4.7	1.6	0.2	0.0	0.0	464.5	520.7	607.5	756.1	0.0	0.0	13.6	2.3	15.0	0.0
12	36.3	21.5	28.9	4.7	5.4	5.0	0.7	0.4	0.0	0.0	0.0	0.0	809.7	871.4	964.0	1119.0	0.0	0.0	3.5	11.2	26.5	1.3
Summary	59.3	40.3	49.8	3.9	3.6	3.7	2231	1915	1477	859	396	264	4072	4485	5143	6350	0.2	15.8	237.3	45.7	125.5	8.0

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	2.49	10.6	5.7	1.4	0.5	1.37	2.05	3.54
02	2.15	9.0	4.7	1.4	0.3	1.35	1.87	2.52
03	2.65	10.2	6.1	1.5	0.4	1.50	2.19	3.44
04	4.02	12.1	7.8	2.9	0.8	2.87	3.75	4.97
05	4.57	13.1	8.4	3.2	1.1	3.23	4.16	5.70
06	4.91	10.4	7.1	3.3	1.3	2.88	4.06	6.78
07	4.73	9.4	6.7	3.1	1.5	3.04	4.48	5.69
08	4.02	9.1	6.2	3.0	1.4	2.19	3.54	5.59
09	3.44	8.3	5.7	2.3	0.7	1.83	2.91	4.21
10	3.65	10.5	6.7	2.4	0.9	2.10	3.38	4.00
11	3.00	10.1	5.9	2.0	0.6	1.92	2.47	3.57
12	2.47	10.7	5.5	1.6	0.3	1.81	2.27	2.91
Summary	42.10	123.5	76.5	28.1	9.8	26.09	37.13	52.92

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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	10.20	5.9	4.5	1.1	0.3	0.0	18.3	11.0	5.5	0.8	5.00	9.00	13.70
02	7.50	4.6	3.1	1.0	0.4	0.1	12.7	7.7	4.7	1.7	2.10	6.00	9.70
03	4.90	2.6	1.8	0.7	0.2	0.0	5.1	3.0	2.2	0.3	0.70	2.80	8.50
04	0.50	0.4	0.3	0.0	0.0	0.0	0.2	0.0	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	0.20	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	0.90	0.9	0.4	0.1	0.0	0.0	1.2	0.2	0.0	0.0	0.00	0.10	1.10
12	4.00	3.7	2.4	0.7	0.3	0.0	8.8	4.0	1.9	0.6	0.80	2.40	6.80
Summary	28.2	18.2	12.6	3.6	1.2	0.1	46.4	25.9	14.3	3.4	8.6	20.3	40.8

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151 Patton Avenue
Asheville, North Carolina 28801

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	15.2	93.3	292.0	618.8	886.3	1049.2	991.9	755.8	403.8	118.8	19.6
45	1.6	5.9	49.6	182.1	466.9	736.4	894.3	836.9	606.3	271.0	60.1	6.9
50	0.5	1.6	23.9	101.0	325.7	586.9	739.3	682.0	459.0	165.6	26.2	2.3
55	0.2	0.2	10.2	48.5	207.6	439.4	584.3	527.0	317.7	86.9	8.5	0.7
60	0.0	0.0	4.3	19.8	117.4	299.5	429.6	373.1	194.3	37.8	1.6	0.0
Growing Degree Units for Corn (Monthly)												
50/86	3.8	9.4	57.2	168.2	366.9	578.9	716.0	669.8	472.9	226.8	59.0	9.0
Growing Degree Units (Accumulated Monthly)												
40	7	22	116	408	1026	1913	2962	3954	4710	5113	5232	5252
45	2	8	57	239	706	1442	2337	3174	3780	4051	4111	4118
50	0	2	26	127	453	1040	1779	2461	2920	3085	3112	3114
55	0	0	11	59	267	706	1290	1817	2135	2222	2230	2231
60	0	0	4	24	142	441	871	1244	1438	1476	1477	1477
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	13	70	239	606	1184	1900	2570	3043	3270	3329	3338

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