U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Summary of Monthly Normals 1991-2020

Generated on 11/11/2026

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 620 ft. Lat: 41.7372° N Lon: 87.7775° W

Station: **CHICAGO MIDWAY AP 3SW, IL US USC00111577**

Temperature (°F)

Mean							Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
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	32.8	19.5	26.2	4.5	5.2	4.8	0.0	0.0	0.0	0.0	0.0	0.0	894.2	956.2	1049.0	1204.1	0.0	0.0	2.0	15.5	27.2	2.5
02	36.8	22.9	29.9	5.5	5.6	5.5	0.7	0.2	0.0	0.0	0.0	0.0	704.9	760.4	844.1	984.1	0.0	0.0	3.6	10.1	23.1	1.0
03	47.9	32.0	39.9	4.8	4.2	4.5	15.8	11.3	6.6	2.3	0.6	0.3	482.4	539.9	628.2	778.9	0.0	0.0	12.0	2.6	17.5	0.1
04	60.0	41.7	50.9	3.5	2.9	3.1	63.6	46.9	28.6	10.5	2.9	1.5	188.1	231.4	303.1	435.0	0.0	0.0	24.1	0.0	3.8	0.0
05	71.5	52.4	61.9	3.4	3.2	3.3	248.6	204.0	146.4	77.0	34.7	23.4	33.2	50.5	86.1	171.6	0.0	1.1	30.5	0.0	0.0	0.0
06	81.2	62.7	71.9	2.4	2.3	2.3	509.3	450.4	363.8	231.3	123.5	89.6	0.9	2.0	5.5	23.0	0.0	4.8	30.0	0.0	0.0	0.0
07	85.2	68.1	76.7	3.2	2.8	3.0	671.1	609.1	516.0	361.7	215.8	163.9	0.0	0.0	0.0	0.7	0.4	8.1	31.0	0.0	0.0	0.0
08	83.1	66.9	75.0	2.3	2.6	2.4	619.9	557.9	465.0	312.4	171.4	124.2	0.0	0.0	0.2	2.5	0.1	4.8	31.0	0.0	0.0	0.0
09	76.5	59.2	67.8	3.0	2.5	2.6	390.7	334.9	255.3	144.4	66.0	44.8	5.3	9.5	20.0	59.0	0.0	2.1	30.0	0.0	0.0	0.0
10	63.7	46.8	55.3	2.7	2.4	2.4	118.3	89.8	55.5	20.9	5.8	3.3	110.5	144.1	202.8	323.1	0.0	0.0	28.3	0.0	1.0	0.0
11	49.6	35.2	42.4	5.3	4.2	4.7	14.9	9.0	3.7	0.6	0.0	0.0	392.9	447.0	531.7	678.6	0.0	0.0	13.8	1.6	11.5	0.0
12	37.7	25.3	31.5	4.8	5.1	4.9	1.1	0.6	0.2	0.0	0.0	0.0	729.5	791.0	883.5	1038.4	0.0	0.0	4.0	9.5	23.6	0.8
Summary	60.5	44.4	52.4	3.8	3.6	3.6	2654	2314	1841	1161	621	451	3542	3932	4554	5699	0.5	20.9	240.3	39.3	107.7	4.4

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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	2.30	11.5	5.6	1.4	0.3	1.26	1.87	3.30
02	2.12	9.4	4.9	1.2	0.2	1.17	1.72	2.66
03	2.66	11.1	6.1	1.6	0.4	1.75	2.24	3.29
04	4.15	12.0	7.9	2.8	1.1	3.07	3.77	5.59
05	4.75	12.4	8.4	3.2	1.1	4.21	4.64	6.04
06	4.53	11.1	7.6	3.1	1.4	2.56	3.98	5.47
07	4.02	10.0	6.2	2.8	1.1	2.27	3.93	4.52
08	4.10	9.3	6.5	2.7	1.2	2.32	3.85	5.76
09	3.33	8.4	5.6	2.0	0.7	1.87	2.53	4.21
10	3.86	10.8	6.7	2.5	1.0	2.11	2.96	5.41
11	2.73	10.2	5.8	1.9	0.5	1.70	2.36	3.49
12	2.33	10.8	5.2	1.3	0.5	1.50	2.06	2.91
Summary	40.88	127.0	76.5	26.5	9.5	25.79	35.91	52.65

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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	12.50	8.9	3.5	1.3	0.5	0.0	17.5	10.1	5.9	1.4	6.60	11.40	15.50
02	10.10	6.4	3.0	0.8	0.4	0.1	12.0	7.7	5.2	1.6	3.10	6.40	17.40
03	5.70	3.9	1.4	0.6	0.3	0.0	4.3	2.4	1.7	0.2	2.10	4.10	8.80
04	1.00	0.9	0.4	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.00	0.10	1.80
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	0.10	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	1.50	1.6	0.6	0.1	0.0	0.0	1.1	0.2	0.1	0.0	0.00	0.50	2.30
12	7.90	6.3	2.3	0.8	0.2	0.1	8.9	4.3	2.4	0.8	1.90	5.20	12.20
Summary	38.8	28.2	11.3	3.6	1.4	0.2	44.4	24.7	15.3	4.0	13.7	27.7	58.0

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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	10.2	25.3	125.7	341.1	680.5	958.3	1135.9	1084.8	835.3	476.6	160.5	32.2
45	2.5	9.8	68.3	219.9	526.4	808.4	981.1	929.9	685.5	332.4	85.2	11.9
50	0.3	3.3	34.8	126.1	378.5	658.4	826.1	774.9	536.3	210.7	38.9	3.8
55	0.0	0.7	15.8	63.6	248.6	509.3	671.1	619.9	390.7	118.3	14.9	1.1
60	0.0	0.0	6.6	28.6	146.4	363.8	516.0	465.0	255.3	55.5	3.7	0.2
Growing Degree Units for Corn (Monthly)												
50/86	4.0	11.7	66.9	180.8	399.1	639.5	791.5	754.1	534.1	251.2	69.6	11.5

Growing Degree Units (Accumulated Monthly)

40	10	36	161	502	1183	2141	3277	4362	5197	5674	5834	5866
45	2	12	81	300	827	1635	2616	3546	4232	4564	4649	4661
50	0	4	38	164	543	1201	2028	2802	3339	3549	3588	3592
55	0	1	16	80	329	838	1509	2129	2520	2638	2653	2654
60	0	0	7	35	182	545	1061	1526	1782	1837	1841	1841
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	4	16	83	263	662	1302	2094	2848	3382	3633	3702	3714

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

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