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

Summary of Monthly Normals
1991-2020

Generated on 11/06/2026

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

Current Location: Elev: 84 ft. Lat: 40.7939° N Lon: 73.1017° W

Station: **ISLIP LI MACARTHUR AP, NY US USW00004781**

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	39.2	24.6	31.9	4.2	4.1	4.1	0.5	0.3	0.1	0.0	0.0	0.0	716.4	778.3	871.0	1026.0	0.0	0.0	5.6	7.2	24.8	0.0
02	41.0	25.5	33.3	4.1	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	609.0	665.0	748.9	888.9	0.0	0.0	5.5	4.9	22.3	0.0
03	47.7	32.0	39.9	3.5	3.2	3.2	3.3	1.9	0.7	0.0	0.0	0.0	472.9	533.6	625.3	779.6	0.0	0.0	12.9	1.1	16.9	0.0
04	58.3	41.2	49.7	2.5	1.9	2.1	30.3	19.1	9.2	2.5	0.6	0.3	187.8	236.6	316.7	460.0	0.0	0.0	25.7	0.0	3.3	0.0
05	68.3	50.8	59.5	2.5	2.3	2.3	168.0	125.5	76.1	26.7	6.2	3.1	27.0	46.5	90.1	195.7	0.0	0.3	30.9	0.0	0.0	0.0
06	77.2	60.9	69.0	2.1	1.6	1.7	422.0	363.2	277.6	151.5	59.8	36.1	0.6	1.7	6.2	30.1	0.0	1.5	30.0	0.0	0.0	0.0
07	82.8	67.3	75.0	2.6	2.3	2.4	621.4	559.5	466.4	312.3	167.7	118.8	0.0	0.0	0.0	0.9	0.1	4.1	31.0	0.0	0.0	0.0
08	81.4	66.0	73.7	2.1	2.1	2.0	579.6	517.7	424.7	271.3	133.8	90.0	0.0	0.0	0.1	1.6	0.0	2.2	31.0	0.0	0.0	0.0
09	74.8	58.9	66.9	2.1	2.1	2.0	358.2	301.2	219.9	108.2	36.8	20.5	2.7	5.7	14.4	52.7	0.0	0.2	30.0	0.0	0.0	0.0
10	64.1	47.3	55.7	2.4	2.8	2.4	103.5	73.8	40.8	12.6	2.0	0.6	81.7	114.1	174.0	300.9	0.0	0.0	30.4	0.0	0.8	0.0
11	53.6	37.6	45.6	3.2	2.8	2.9	14.8	8.0	2.5	0.1	0.0	0.0	296.7	350.0	434.5	582.1	0.0	0.0	20.9	0.2	9.3	0.0
12	44.4	29.8	37.1	3.9	3.4	3.6	1.5	0.6	0.1	0.0	0.0	0.0	556.4	617.5	710.0	864.8	0.0	0.0	9.6	2.9	20.9	0.0
Summary	61.1	45.2	53.1	2.9	2.7	2.7	2303	1971	1518	885	407	269	2951	3349	3991	5183	0.1	8.3	263.5	16.3	98.3	0.0

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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	3.66	11.1	6.6	2.6	0.8	2.40	3.54	4.16
02	3.29	9.9	6.1	2.3	0.7	2.27	3.26	4.01
03	4.51	10.8	7.3	2.9	1.1	3.14	4.55	5.78
04	4.06	11.3	6.8	2.5	1.0	2.50	3.87	5.25
05	3.28	11.6	6.6	2.2	0.7	2.63	3.27	3.78
06	4.00	10.1	6.2	2.4	1.0	1.80	3.37	5.02
07	3.26	9.1	5.5	2.2	0.8	2.10	2.97	3.98
08	4.24	8.9	5.7	2.4	1.0	2.34	3.57	5.48
09	3.60	8.6	5.5	2.6	1.0	2.29	3.71	4.52
10	3.97	9.2	5.6	2.6	1.2	2.05	3.77	5.63
11	3.41	9.6	6.0	2.6	0.8	2.43	3.18	4.48
12	4.71	11.8	7.8	3.3	1.4	2.99	4.59	6.09
Summary	45.99	122.0	75.7	30.6	11.5	28.94	43.65	58.18

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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	10.30	3.8	2.2	1.2	0.5	0.2	7.2	4.0	2.9	1.8	2.40	4.60	19.90
02	9.40	3.7	2.1	1.1	0.5	0.2	8.6	6.2	4.8	1.8	2.50	4.70	15.20
03	6.50	2.7	1.7	1.0	0.4	0.0	3.8	1.9	1.0	0.2	1.90	4.10	7.60
04	0.60	0.3	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
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	0.50	0.3	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
12	4.50	2.6	1.5	0.5	0.2	0.1	2.8	1.5	0.8	0.4	0.50	2.30	6.70
Summary	31.8	13.4	7.9	4.0	1.6	0.5	22.7	13.7	9.5	4.2	7.3	15.7	49.4

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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	29.3	26.3	95.0	299.2	606.1	871.4	1086.4	1044.6	805.4	487.0	201.4	65.9
45	9.4	7.6	38.0	173.0	451.2	721.4	931.4	889.6	655.4	337.8	105.3	26.1
50	2.0	1.0	12.4	81.7	299.9	571.5	776.4	734.6	505.7	204.8	44.5	7.6
55	0.5	0.0	3.3	30.3	168.0	422.0	621.4	579.6	358.2	103.5	14.8	1.5
60	0.1	0.0	0.7	9.2	76.1	277.6	466.4	424.7	219.9	40.8	2.5	0.1
Growing Degree Units for Corn (Monthly)												
50/86	10.1	10.9	39.9	139.8	329.4	568.1	760.4	725.9	510.6	255.3	88.5	23.9

Growing Degree Units (Accumulated Monthly)

40	29	56	151	450	1056	1927	3014	4058	4864	5351	5552	5618
45	9	17	55	228	679	1401	2332	3222	3877	4215	4320	4346
50	2	3	15	97	397	968	1745	2480	2985	3190	3234	3242
55	0	0	4	34	202	624	1246	1825	2183	2287	2302	2303
60	0	0	1	10	86	364	830	1255	1475	1516	1518	1518
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	10	21	61	201	530	1098	1859	2584	3095	3350	3439	3463

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

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