

Summary of Monthly Normals
1991-2020
 Generated on 10/22/2021

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	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

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	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	10.3	3.8	2.2	1.2	0.5	0.2	7.2	4.0	2.9	1.8	2.4	4.6	19.9
02	9.4	3.7	2.1	1.1	0.5	0.2	8.6	6.2	4.8	1.8	2.5	4.7	15.2
03	6.5	2.7	1.7	1.0	0.4	0.0	3.8	1.9	1.0	0.2	1.9	4.1	7.6
04	0.6	0.3	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0
05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.5	0.3	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
12	4.5	2.6	1.5	0.5	0.2	0.1	2.8	1.5	0.8	0.4	0.5	2.3	6.7
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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U.S. Department of Commerce
 National Oceanic & Atmospheric Administration
 National Environmental Satellite, Data, and Information Service
 Current Location: Elev: 84 ft. Lat: 40.7939° N Lon: -73.1017° W
 Station: **ISLIP LI MACARTHUR AP, NY US USW00004781**

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

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)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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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