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: 7 ft. Lat: 40.6825° N Lon: 74.1694° W

Station: **NEWARK INTL AP, NJ US USW00014734**

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	40.0	25.5	32.8	4.5	4.5	4.5	0.7	0.2	0.1	0.0	0.0	0.0	690.3	751.8	844.7	999.6	0.0	0.0	5.7	7.0	22.6	0.1
02	43.0	27.2	35.1	4.9	4.6	4.7	1.2	0.6	0.3	0.0	0.0	0.0	558.4	613.8	697.5	837.1	0.0	0.0	7.1	3.8	20.0	0.0
03	50.9	34.2	42.5	4.1	3.4	3.7	11.9	7.6	3.6	1.0	0.1	0.0	397.8	455.5	544.5	696.9	0.0	0.0	15.8	0.9	12.4	0.0
04	62.6	44.1	53.3	2.7	2.0	2.2	78.0	57.3	35.0	13.6	4.0	2.4	127.5	166.8	234.5	363.1	0.0	0.3	27.3	0.0	1.2	0.0
05	72.6	53.9	63.3	2.9	2.6	2.6	266.5	214.4	147.1	69.3	27.2	16.7	10.7	20.6	46.4	123.5	0.0	1.9	31.0	0.0	0.0	0.0
06	81.8	63.6	72.7	2.2	1.4	1.7	531.1	471.4	383.1	244.8	128.7	91.0	0.1	0.4	2.1	13.9	0.1	5.4	30.0	0.0	0.0	0.0
07	86.9	69.4	78.2	2.9	2.4	2.6	717.5	655.5	562.6	407.6	255.9	199.2	0.0	0.0	0.0	0.1	0.9	11.3	31.0	0.0	0.0	0.0
08	84.7	68.0	76.4	2.3	2.1	2.1	661.8	599.8	506.8	352.5	204.8	151.5	0.0	0.0	0.0	0.7	0.4	7.4	31.0	0.0	0.0	0.0
09	77.7	60.7	69.2	2.4	2.1	2.0	427.0	368.6	284.0	159.3	69.4	44.8	1.1	2.7	8.1	33.3	0.0	2.0	30.0	0.0	0.0	0.0
10	66.0	49.0	57.5	2.6	2.5	2.4	138.5	103.1	61.8	20.8	5.0	2.2	60.9	87.6	139.3	253.3	0.0	0.0	30.4	0.0	0.1	0.0
11	54.9	39.0	47.0	3.6	3.0	3.2	22.2	13.5	5.5	0.7	0.0	0.0	263.7	315.0	397.0	542.1	0.0	0.0	21.8	0.1	6.0	0.0
12	44.8	31.2	38.0	4.2	3.7	3.9	3.1	1.7	0.5	0.0	0.0	0.0	530.1	590.6	682.5	836.9	0.0	0.0	9.6	2.7	17.5	0.0
Summary	63.8	47.1	55.5	3.3	2.9	3.0	2859	2494	1990	1270	695	508	2641	3005	3597	4700	1.4	28.3	270.7	14.5	79.8	0.1

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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	3.42	10.6	6.2	2.5	0.8	2.51	3.34	4.31
02	2.98	10.0	5.7	2.3	0.7	1.87	2.71	3.90
03	4.13	10.9	6.9	2.7	0.9	3.44	3.96	4.96
04	3.87	11.5	6.3	2.4	0.8	2.49	3.53	4.61
05	3.97	11.4	7.3	2.7	0.9	3.29	3.87	4.73
06	4.34	10.9	7.1	3.0	1.3	2.78	4.19	5.81
07	4.66	10.0	6.7	3.2	1.5	2.37	4.58	6.53
08	4.15	9.8	6.5	2.9	0.8	2.47	3.29	5.38
09	3.82	8.7	5.7	2.6	1.0	2.18	3.31	5.32
10	3.79	9.4	5.5	2.5	1.0	1.87	3.68	4.90
11	3.33	8.8	5.3	2.4	1.0	1.86	3.02	4.32
12	4.14	11.1	7.1	3.3	1.3	3.18	4.13	4.91
Summary	46.60	123.1	76.3	32.5	12.0	30.31	43.61	59.68

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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	9.10	4.6	2.1	0.8	0.6	0.1	7.5	4.5	2.8	0.7	2.40	4.40	14.20
02	10.10	3.8	2.0	1.1	0.6	0.1	7.5	5.2	3.8	1.2	3.00	5.40	12.90
03	5.60	2.7	1.6	0.8	0.3	0.0	3.1	1.9	0.7	0.1	0.20	6.30	9.30
04	0.50	0.3	0.1	0.1	0.0	0.0	0.1	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	0.20	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	0.60	0.3	0.1	0.1	0.1	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
12	5.40	2.8	1.2	0.7	0.4	0.1	3.1	1.6	0.9	0.3	0.30	1.90	9.40
Summary	31.5	14.5	7.1	3.6	2.0	0.3	21.5	13.4	8.2	2.3	5.9	18.0	45.8

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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	37.2	45.4	151.0	403.6	720.8	980.9	1182.5	1126.7	875.9	542.7	235.2	79.1
45	13.5	17.1	74.4	267.4	565.8	830.9	1027.5	971.8	725.9	391.0	130.9	33.5
50	3.8	5.6	32.3	154.8	411.7	680.9	872.5	816.7	576.0	252.3	60.7	11.8
55	0.7	1.2	11.9	78.0	266.5	531.1	717.5	661.8	427.0	138.5	22.2	3.1
60	0.1	0.3	3.6	35.0	147.1	383.1	562.6	506.8	284.0	61.8	5.5	0.5
Growing Degree Units for Corn (Monthly)												
50/86	16.1	22.3	72.2	207.7	421.8	659.4	824.3	787.9	571.5	290.7	105.3	29.9

Growing Degree Units (Accumulated Monthly)

40	37	83	234	637	1358	2339	3521	4648	5524	6067	6302	6381
45	14	31	105	372	938	1769	2797	3768	4494	4885	5016	5050
50	4	9	42	196	608	1289	2162	2978	3554	3807	3867	3879
55	1	2	14	92	358	889	1607	2269	2696	2834	2856	2859
60	0	0	4	39	186	569	1132	1639	1923	1984	1990	1990
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	16	38	111	318	740	1400	2224	3012	3583	3874	3979	4009

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

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