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: 173 ft. Lat: 40.8764° N Lon: 74.2831° W

Station: **CALDWELL ESSEX CO AP, NJ US USW00054743**

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	38.3	22.9	30.6	4.4	4.6	4.5	0.4	0.2	0.0	0.0	0.0	0.0	756.6	818.4	911.2	1066.3	0.0	0.0	4.4	9.3	25.7	0.5
02	41.4	23.9	32.6	4.8	4.8	4.7	0.7	0.5	0.2	0.0	0.0	0.0	626.4	682.3	765.9	905.7	0.0	0.0	5.6	5.1	23.8	0.2
03	49.4	31.3	40.4	4.4	3.5	3.8	7.5	4.6	2.3	0.3	0.0	0.0	461.5	520.7	611.3	764.4	0.0	0.0	14.6	1.3	17.6	0.0
04	61.9	41.0	51.4	2.8	2.2	2.4	62.9	46.4	27.6	10.5	2.8	1.5	169.4	212.9	284.1	417.0	0.0	0.4	26.1	0.0	4.0	0.0
05	72.1	50.9	61.5	2.8	2.8	2.7	224.0	177.9	118.8	51.9	17.4	9.7	22.5	38.5	72.3	160.4	0.0	1.2	30.9	0.0	0.0	0.0
06	80.5	60.3	70.4	2.1	1.6	1.6	462.6	403.5	316.4	185.7	85.8	57.1	0.6	1.6	4.5	23.8	0.0	3.7	30.0	0.0	0.0	0.0
07	85.2	66.0	75.6	2.8	2.4	2.5	638.4	576.5	483.5	329.3	185.3	136.3	0.0	0.0	0.0	0.8	0.4	9.3	31.0	0.0	0.0	0.0
08	83.6	64.2	73.9	2.5	2.2	2.2	585.8	523.8	431.0	279.0	142.5	98.7	0.0	0.0	0.2	3.2	0.1	5.2	31.0	0.0	0.0	0.0
09	76.0	56.7	66.3	2.6	2.2	2.1	344.6	288.3	211.0	105.2	39.9	23.5	4.2	7.9	20.6	64.8	0.0	1.4	30.0	0.0	0.0	0.0
10	64.5	45.0	54.7	2.1	2.9	2.3	95.7	67.5	37.0	10.9	1.9	0.6	103.4	137.2	199.7	328.6	0.0	0.0	29.7	0.0	1.9	0.0
11	53.4	35.4	44.4	3.8	3.1	3.3	12.8	7.2	2.3	0.2	0.0	0.0	330.8	385.2	470.3	618.2	0.0	0.0	19.9	0.2	11.9	0.0
12	43.0	27.7	35.4	4.1	3.5	3.7	1.1	0.4	0.0	0.0	0.0	0.0	610.2	671.4	764.1	919.1	0.0	0.0	7.8	4.2	23.2	0.0
Summary	62.4	43.8	53.1	3.3	3.0	3.0	2436	2097	1630	973	476	327	3086	3476	4104	5272	0.5	21.2	261.0	20.1	108.1	0.7

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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	3.04	10.1	6.0	1.9	0.6	2.38	2.68	3.40
02	2.55	8.9	5.4	1.5	0.6	1.52	2.47	3.26
03	4.07	10.6	6.4	2.2	0.9	2.96	3.80	5.51
04	3.71	11.4	6.6	2.1	0.8	2.69	3.32	4.60
05	3.39	13.2	7.0	2.2	0.7	2.30	3.34	4.17
06	4.27	13.0	7.7	3.0	0.9	2.62	3.74	4.96
07	4.33	11.0	6.1	2.9	1.4	2.75	4.21	5.78
08	4.49	12.3	6.9	3.1	1.1	2.94	3.88	5.10
09	3.72	10.7	5.8	2.6	1.0	1.93	3.65	5.03
10	3.97	11.7	5.9	2.7	1.1	2.08	3.69	5.15
11	3.30	9.2	6.0	2.2	0.9	1.83	3.42	4.10
12	4.04	10.5	7.0	2.9	1.0	2.85	3.70	5.30
Summary	44.88	132.6	76.8	29.3	11.0	28.85	41.90	56.36

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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	24.7	29.4	115.9	350.9	666.5	911.9	1103.4	1050.8	790.4	458.6	178.8	51.3
45	8.3	10.6	55.5	223.8	511.7	761.9	948.4	895.8	640.4	313.3	92.4	19.7
50	1.8	2.7	22.3	126.2	360.1	612.0	793.5	740.8	491.1	189.3	39.3	5.7
55	0.4	0.7	7.5	62.9	224.0	462.6	638.4	585.8	344.6	95.7	12.8	1.1
60	0.0	0.2	2.3	27.6	118.8	316.4	483.5	431.0	211.0	37.0	2.3	0.0
Growing Degree Units for Corn (Monthly)												
50/86	12.9	19.2	64.3	196.4	392.6	600.4	761.1	719.6	497.9	252.3	91.2	23.4

Growing Degree Units (Accumulated Monthly)

40	25	54	170	521	1187	2099	3203	4254	5044	5502	5681	5733
45	8	19	74	298	810	1572	2520	3416	4056	4370	4462	4482
50	2	4	27	153	513	1125	1919	2659	3150	3340	3379	3385
55	0	1	9	72	296	758	1396	1982	2327	2423	2435	2436
60	0	0	2	30	149	465	949	1380	1591	1628	1630	1630
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	13	32	96	293	685	1286	2047	2766	3264	3517	3608	3631

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

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