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: 10 ft. Lat: 32.7800° N Lon: 79.9319° W

Station: **CHARLESTON CITY, SC US USW00013782**

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	58.0	43.6	50.8	3.2	3.5	3.3	48.9	31.2	13.6	1.5	0.1	0.0	179.0	223.3	298.7	441.6	0.0	0.0	25.5	0.0	3.5	0.0
02	60.3	46.1	53.2	3.2	3.4	3.2	62.7	42.0	20.0	3.1	0.0	0.0	113.0	148.4	210.4	333.5	0.0	0.0	25.5	0.0	1.2	0.0
03	65.6	52.0	58.8	2.9	3.6	3.2	167.6	126.4	74.6	21.0	2.7	1.0	49.8	70.6	111.8	213.2	0.0	0.0	30.3	0.0	0.2	0.0
04	72.3	59.7	66.0	2.0	2.5	2.1	334.3	278.6	200.1	91.9	25.8	12.7	4.2	8.6	20.0	61.8	0.0	0.2	30.0	0.0	0.0	0.0
05	79.0	68.0	73.5	2.0	2.5	2.1	573.5	511.7	419.3	269.3	134.9	89.6	0.1	0.2	0.8	5.9	0.0	1.5	31.0	0.0	0.0	0.0
06	84.3	74.2	79.2	2.7	1.7	2.1	727.5	667.5	577.5	427.7	279.5	221.3	0.0	0.0	0.0	0.2	0.1	4.9	30.0	0.0	0.0	0.0
07	87.5	77.1	82.3	1.3	1.1	1.1	846.2	784.2	691.2	536.2	381.3	319.3	0.0	0.0	0.0	0.0	0.2	9.3	31.0	0.0	0.0	0.0
08	86.4	76.5	81.4	1.5	1.4	1.4	819.9	757.9	664.9	509.9	355.0	293.0	0.0	0.0	0.0	0.0	0.0	6.7	31.0	0.0	0.0	0.0
09	82.6	72.5	77.6	2.0	2.1	2.0	676.4	616.4	526.5	377.2	232.1	177.2	0.0	0.0	0.0	0.7	0.0	1.7	30.0	0.0	0.0	0.0
10	75.6	63.2	69.4	2.0	2.5	2.2	448.5	388.5	301.4	169.0	69.8	42.3	2.1	4.1	10.0	32.6	0.0	0.2	31.0	0.0	0.0	0.0
11	67.1	53.1	60.1	2.7	3.3	2.9	188.3	146.5	93.7	33.9	6.7	2.7	35.3	53.4	90.7	180.8	0.0	0.0	29.7	0.0	0.1	0.0
12	60.9	46.8	53.8	3.9	4.4	4.0	83.8	59.2	31.8	7.0	0.6	0.3	119.4	156.8	222.4	352.6	0.0	0.0	28.3	0.0	1.2	0.0
Summary	73.3	61.1	67.2	2.4	2.7	2.5	4978	4410	3615	2448	1488	1159	503	665	965	1623	0.3	24.5	353.3	0.0	6.2	0.0

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Station: **CHARLESTON CITY, SC US USW00013782**

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	2.56	8.4	5.1	1.6	0.6	1.08	2.22	3.35
02	2.56	8.0	4.8	1.8	0.6	1.57	2.26	3.00
03	3.03	7.9	4.9	1.8	0.6	1.66	3.04	4.25
04	2.96	7.0	4.7	1.9	0.9	1.46	2.66	3.84
05	2.58	6.8	4.3	1.6	0.8	1.36	2.09	3.63
06	4.85	10.5	6.5	2.9	1.6	2.62	4.11	7.23
07	5.08	11.6	7.6	3.4	1.6	2.81	4.84	6.88
08	6.11	11.7	8.2	3.7	2.1	3.41	4.39	9.01
09	5.25	8.6	5.8	2.8	1.4	3.98	5.39	6.54
10	4.07	6.8	4.7	2.5	1.0	1.45	3.32	5.47
11	2.30	6.1	3.7	1.4	0.6	0.81	1.99	3.29
12	2.91	8.5	4.8	1.8	0.6	1.81	2.10	2.88
Summary	44.26	101.9	65.1	27.2	12.4	24.02	38.41	59.37

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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	348.1	373.3	583.7	780.0	1038.5	1177.5	1311.3	1284.9	1126.5	911.4	603.1	433.6
45	219.2	245.0	432.0	630.0	883.5	1027.5	1156.2	1129.9	976.4	756.4	454.6	292.4
50	116.1	138.5	289.1	480.6	728.5	877.5	1001.2	974.9	826.4	601.7	312.7	171.4
55	48.9	62.7	167.6	334.3	573.5	727.5	846.2	819.9	676.4	448.5	188.3	83.8
60	13.6	20.0	74.6	200.1	419.3	577.5	691.2	664.9	526.5	301.4	93.7	31.8
Growing Degree Units for Corn (Monthly)												
50/86	156.4	170.9	310.9	484.7	723.2	858.6	965.7	948.8	819.0	603.6	333.8	207.4

Growing Degree Units (Accumulated Monthly)

40	348	721	1305	2085	3124	4301	5612	6897	8024	8935	9538	9972
45	219	464	896	1526	2410	3437	4593	5723	6700	7456	7911	8203
50	116	255	544	1024	1753	2630	3632	4606	5433	6034	6347	6519
55	49	112	279	614	1187	1914	2761	3581	4257	4706	4894	4978
60	14	34	108	308	728	1305	1996	2661	3188	3489	3583	3615
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	156	327	638	1123	1846	2705	3670	4619	5438	6042	6376	6583

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

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