

Summary of Monthly Normals
1991-2020

Generated on 05/22/2024

Current Location: Elev: 32 ft. Lat: 35.6400° N Lon: 77.3983° W
Station: GREENVILLE, NC US USC00313638

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	53.2	33.0	43.1	3.6	3.6	3.5	19.9	13.6	6.8	1.2	0.1	0.0	388.7	444.4	530.5	680.0	0.0	0.0	18.6	1.2	15.6	0.0
02	56.9	34.9	45.9	4.7	3.6	4.0	27.7	19.2	10.8	3.4	0.4	0.1	282.4	329.9	405.5	538.1	0.0	0.0	20.3	0.3	12.2	0.0
03	64.0	41.1	52.6	3.8	3.5	3.5	89.3	67.5	41.8	14.4	2.2	0.9	165.2	205.4	272.7	400.3	0.0	0.0	27.7	0.0	6.2	0.0
04	73.5	50.0	61.8	2.2	2.2	2.1	235.7	192.2	135.5	63.5	20.2	10.7	33.2	49.7	83.1	161.0	0.0	0.4	29.7	0.0	0.4	0.0
05	80.5	58.8	69.6	3.0	3.3	3.0	455.5	395.4	309.1	182.4	85.4	56.5	1.3	3.2	9.9	38.2	0.0	3.6	31.0	0.0	0.0	0.0
06	87.4	67.2	77.3	2.5	2.1	2.1	668.9	609.0	519.1	371.0	230.2	178.4	0.0	0.0	0.2	2.0	0.3	12.2	30.0	0.0	0.0	0.0
07	90.4	71.3	80.8	2.1	1.7	1.8	801.3	739.3	646.2	491.3	336.5	275.0	0.0	0.0	0.0	0.0	0.6	18.7	31.0	0.0	0.0	0.0
08	88.4	69.7	79.0	2.2	2.0	1.9	745.5	683.5	590.5	435.6	281.4	221.8	0.0	0.0	0.0	0.1	0.3	13.5	31.0	0.0	0.0	0.0
09	83.1	64.2	73.6	2.1	2.6	2.1	559.5	499.7	410.6	268.1	142.7	100.8	0.1	0.2	1.3	8.7	0.0	4.1	30.0	0.0	0.0	0.0
10	74.1	51.9	63.0	2.3	3.3	2.4	269.0	219.0	153.3	71.1	24.9	14.4	21.0	33.0	60.3	133.1	0.0	0.4	31.0	0.0	0.3	0.0
11	64.2	41.2	52.7	3.6	3.2	3.3	79.9	58.9	34.9	10.6	1.8	0.8	148.8	187.8	253.8	379.5	0.0	0.0	27.9	0.0	6.3	0.0
12	56.4	35.4	45.9	4.8	4.5	4.5	32.7	23.3	13.0	3.6	0.7	0.2	314.8	367.3	450.0	595.6	0.0	0.0	22.2	0.1	13.4	0.0
Summary	72.7	51.6	62.1	3.1	3.0	2.9	3985	3521	2872	1916	1126	860	1356	1621	2067	2937	1.2	52.9	330.4	1.6	54.4	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	3.91	11.3	7.0	2.8	1.0	2.59	3.58	5.24
02	3.35	10.4	6.4	2.5	0.8	1.98	2.98	4.26
03	4.22	11.3	7.5	3.2	1.0	3.25	4.20	5.29
04	3.81	9.9	6.5	2.6	0.9	2.41	3.96	4.67
05	4.04	10.9	6.8	2.7	1.1	2.44	3.77	5.01
06	4.36	10.4	6.8	2.9	1.3	2.79	3.51	5.05
07	5.87	11.9	8.5	4.3	1.9	4.41	5.65	7.35
08	6.01	12.0	7.9	3.7	1.7	3.44	4.73	7.46
09	7.33	10.5	7.0	3.9	2.2	4.16	5.22	8.94
10	3.57	8.4	4.8	1.8	0.9	1.88	3.02	4.62
11	3.42	9.4	5.6	2.4	0.9	1.50	3.03	4.38
12	3.55	11.2	6.9	2.4	0.9	2.34	3.27	4.73
Summary	53.44	127.6	81.7	35.2	14.6	33.19	46.92	67.00

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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	1.60	0.9	0.5	0.2	0.1	0.0	0.6	0.4	0.1	0.0	0.00	0.00	2.40
02	0.80	0.5	0.4	0.1	0.0	0.0	0.6	0.1	0.0	0.0	0.00	0.00	0.00
03	0.10	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
04	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
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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	0.80	0.3	0.2	0.1	0.1	0.0	0.5	0.2	0.1	0.0	0.00	0.00	0.00
Summary	3.3	1.8	1.2	0.4	0.2	0.0	1.7	0.7	0.2	0.0	0.0	0.0	2.4

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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	181.3	204.6	399.1	652.6	919.2	1118.9	1266.3	1210.5	1009.4	713.1	388.3	227.2
45	101.3	118.8	269.7	504.3	764.2	968.9	1111.2	1055.5	859.4	558.8	258.4	130.9
50	49.2	62.0	164.9	361.5	609.2	818.9	956.2	900.5	709.4	408.6	154.2	70.2
55	19.9	27.7	89.3	235.7	455.5	668.9	801.3	745.5	559.5	269.0	79.9	32.7
60	6.8	10.8	41.8	135.5	309.1	519.1	646.2	590.5	410.6	153.3	34.9	13.0
Growing Degree Units for Corn (Monthly)												
50/86	106.9	127.7	243.1	406.8	603.5	770.2	880.2	846.9	693.9	447.8	236.3	135.5

Growing Degree Units (Accumulated Monthly)												
40	181	386	785	1438	2357	3476	4742	5952	6962	7675	8063	8290
45	101	220	490	994	1758	2727	3838	4894	5753	6312	6570	6701
50	49	111	276	638	1247	2066	3022	3922	4632	5040	5195	5265
55	20	48	137	373	828	1497	2298	3044	3603	3872	3952	3985
60	7	18	59	195	504	1023	1669	2260	2670	2824	2859	2872
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	107	235	478	884	1488	2258	3138	3985	4679	5127	5363	5499

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