

Summary of Monthly Normals
1991-2020
 Generated on 06/30/2022

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	43.3	21.9	32.6	3.8	4.1	3.8	0.5	0.2	0.0	0.0	0.0	0.0	694.8	756.5	849.3	1004.3	0.0	0.0	10.0	5.3	25.6	0.8
02	46.6	24.0	35.3	4.7	3.7	4.0	1.4	0.6	0.1	0.0	0.0	0.0	553.0	608.2	691.7	831.6	0.0	0.0	12.5	3.4	22.9	0.3
03	53.5	29.2	41.4	4.7	3.0	3.6	7.7	3.8	1.0	0.0	0.0	0.0	430.8	488.9	579.1	733.2	0.0	0.0	20.3	1.5	19.7	0.0
04	63.1	36.3	49.7	2.8	2.2	2.2	38.2	23.1	9.3	1.3	0.0	0.0	197.2	242.1	318.3	460.3	0.0	0.0	26.8	0.0	10.1	0.0
05	71.2	45.3	58.2	3.2	3.4	2.9	154.5	114.5	65.2	13.5	0.5	0.0	53.7	75.8	119.5	222.8	0.0	0.0	30.6	0.0	2.8	0.0
06	78.0	53.4	65.7	2.4	1.9	1.8	324.3	267.2	186.5	74.7	12.8	3.7	3.4	6.3	15.5	53.8	0.0	0.1	30.0	0.0	0.0	0.0
07	81.0	58.0	69.5	2.2	1.9	1.8	449.4	387.6	295.5	150.8	38.7	15.0	0.0	0.1	1.0	11.4	0.0	1.1	31.0	0.0	0.0	0.0
08	80.2	56.6	68.4	2.4	2.1	1.9	415.4	353.7	262.1	122.2	27.9	10.2	0.1	0.3	1.7	16.9	0.0	0.7	31.0	0.0	0.0	0.0
09	75.2	50.3	62.7	3.0	3.0	2.3	246.1	195.0	125.9	41.3	4.8	1.1	13.7	22.5	43.5	108.9	0.0	0.1	29.9	0.0	0.5	0.0
10	65.5	38.5	52.0	2.3	3.3	2.2	55.8	35.5	17.1	3.7	0.3	0.1	148.8	190.5	265.1	406.7	0.0	0.0	29.3	0.0	9.1	0.0
11	55.4	28.5	42.0	4.4	3.2	3.3	7.5	3.8	1.2	0.0	0.0	0.0	398.9	455.2	542.7	691.5	0.0	0.0	21.7	0.4	20.7	0.0
12	47.0	24.5	35.7	5.1	4.0	4.4	1.5	0.6	0.1	0.0	0.0	0.0	598.2	659.4	751.8	906.7	0.0	0.0	14.0	3.3	24.5	0.1
Summary	63.3	38.9	51.1	3.4	3.0	2.9	1702	1386	964	408	85	30	3093	3506	4179	5448	0.0	2.0	287.1	13.9	135.9	1.2

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	7.4	6.1	2.2	1.0	2.57	3.60	4.73
02	3.28	7.2	6.1	2.3	1.0	1.89	2.70	4.25
03	4.06	8.1	6.9	3.0	1.1	2.54	3.80	4.78
04	4.78	7.4	6.9	3.2	1.2	3.22	4.60	6.08
05	5.34	9.7	8.4	3.4	1.4	2.87	4.93	5.94
06	4.44	9.5	8.0	2.7	0.9	2.64	3.64	6.23
07	4.79	10.3	9.3	3.5	1.5	3.35	4.52	4.92
08	4.65	8.9	7.9	3.2	1.2	3.19	4.00	5.69
09	4.35	7.4	6.4	2.8	1.3	2.13	3.43	5.07
10	3.71	5.9	5.0	2.0	1.2	1.75	3.13	5.59
11	3.61	5.9	5.2	2.4	1.1	1.71	3.60	4.77
12	4.03	8.0	6.8	2.8	1.0	2.83	3.77	4.71
Summary	50.95	95.7	83.0	33.5	13.9	30.69	45.72	62.76

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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	4.30	1.3	1.0	0.4	0.3	0.0	2.9	1.6	1.1	0.0	0.00	2.20	6.10
02	3.30	1.3	1.2	0.4	0.2	0.0	3.3	1.6	0.6	0.0	0.00	2.00	5.00
03	2.90	0.6	0.5	0.3	0.2	0.0	0.9	0.4	0.2	0.0	0.00	0.00	4.50
04	0.00	0.1	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	0.20	0.1	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.00
12	3.70	0.9	0.9	0.4	0.2	0.1	2.0	1.2	0.9	0.5	0.00	0.70	5.60
Summary	14.4	4.3	3.7	1.5	0.9	0.1	9.3	4.8	2.8	0.5	0.0	4.9	21.2

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U.S. Department of Commerce
 National Oceanic & Atmospheric Administration
 National Environmental Satellite, Data, and Information Service
 Current Location: Elev: 2759 ft. Lat: 36.4175° N Lon: -81.4297° W
 Station: **JEFFERSON 2 E, NC US USC00314496**

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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	42.1	51.5	141.8	307.7	566.2	771.0	914.4	880.3	682.5	380.1	136.3	63.2
45	14.2	19.7	70.2	188.1	415.1	621.0	759.4	725.3	533.0	243.9	65.6	26.6
50	3.8	6.3	27.5	97.7	274.0	471.2	604.4	570.3	385.7	132.8	26.4	8.2
55	0.5	1.4	7.7	38.2	154.5	324.3	449.4	415.4	246.1	55.8	7.5	1.5
60	0.0	0.1	1.0	9.3	65.2	186.5	295.5	262.1	125.9	17.1	1.2	0.1
Growing Degree Units for Corn (Monthly)												
50/86	30.1	43.4	106.1	209.9	350.3	490.0	603.3	573.2	427.8	255.2	116.3	49.7

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	42	94	235	543	1109	1880	2795	3675	4358	4738	4874	4937
45	14	34	104	292	707	1328	2088	2813	3346	3590	3656	3682
50	4	10	38	135	409	880	1485	2055	2441	2574	2600	2608
55	0	2	10	48	202	527	976	1391	1638	1693	1701	1702
60	0	0	1	10	76	262	558	820	946	963	964	964
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	30	74	180	390	740	1230	1833	2406	2834	3089	3206	3255

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

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