

Summary of Monthly Normals
1991-2020

Generated on 04/26/2024

Current Location: Elev: 660 ft. Lat: 36.0600° N Lon: 79.4481° W
Station: **BURLINGTON FIRE STN #5, NC US USC00311239**

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	51.4	30.7	41.1	3.2	3.3	3.1	8.5	5.2	2.2	0.2	0.0	0.0	440.8	499.6	589.5	742.5	0.0	0.0	17.9	1.2	20.5	0.1
02	55.1	32.8	43.9	4.7	2.9	3.5	13.0	8.3	3.7	0.6	0.0	0.0	322.4	373.6	453.0	590.0	0.0	0.0	18.7	0.4	15.9	0.0
03	62.5	39.3	50.9	4.2	3.5	3.7	62.9	44.3	24.6	6.7	0.7	0.2	190.0	233.4	306.7	443.8	0.0	0.0	26.6	0.0	8.3	0.0
04	72.1	47.4	59.8	2.7	2.4	2.3	188.6	147.8	97.9	40.4	10.5	5.4	46.1	65.3	105.4	197.9	0.0	0.4	29.5	0.0	0.9	0.0
05	79.2	57.1	68.1	2.8	3.0	2.8	411.6	352.7	269.1	149.8	63.4	40.2	4.0	7.0	16.4	52.2	0.0	2.6	31.0	0.0	0.2	0.0
06	86.4	65.4	75.9	2.5	1.9	2.1	626.9	567.1	477.8	331.1	194.2	145.4	0.0	0.2	0.8	4.1	0.1	10.4	30.0	0.0	0.0	0.0
07	89.7	69.4	79.6	2.1	1.6	1.7	760.9	699.0	606.0	451.1	297.3	237.0	0.0	0.0	0.0	0.1	0.4	18.3	31.0	0.0	0.0	0.0
08	88.3	68.0	78.1	2.5	1.9	2.0	717.5	655.6	562.6	407.8	255.7	197.7	0.0	0.0	0.0	0.2	0.5	13.4	31.0	0.0	0.0	0.0
09	82.2	61.3	71.8	2.7	2.5	2.3	502.7	443.3	355.5	217.6	104.9	69.6	0.3	0.9	3.1	15.2	0.0	4.5	30.0	0.0	0.0	0.0
10	72.9	49.3	61.1	2.5	3.4	2.6	216.9	170.4	112.0	44.1	11.6	5.6	27.7	43.3	77.9	165.0	0.0	0.1	30.8	0.0	0.5	0.0
11	62.7	39.2	50.9	3.9	2.8	3.2	53.8	36.9	18.7	4.2	0.7	0.3	175.2	218.3	290.1	425.6	0.0	0.0	27.5	0.0	8.7	0.0
12	54.3	33.8	44.1	4.5	4.3	4.2	18.0	12.3	6.3	1.2	0.0	0.0	357.4	413.7	500.7	650.6	0.0	0.0	20.5	0.4	16.9	0.0
Summary	71.4	49.5	60.4	3.2	2.8	2.8	3581	3143	2536	1655	939	701	1564	1855	2344	3287	1.0	49.7	324.5	2.0	71.9	0.1

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	3.96							
02	3.24							
03	4.44							
04	3.83							
05	3.63							
06	4.63							
07	4.39							
08	4.12							
09	4.91							
10	3.35							
11	3.21							
12	3.35							
Summary	47.06	0.0	0.0	0.0	0.0	0.00	0.00	0.00

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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	130.2	160.4	352.1	593.0	872.7	1076.9	1225.9	1182.5	952.4	654.2	337.6	177.3
45	63.6	84.0	227.5	446.5	717.9	926.9	1070.9	1027.5	802.4	500.2	212.9	92.1
50	25.9	36.9	130.0	308.6	563.5	776.9	915.9	872.5	652.4	351.1	116.9	42.2
55	8.5	13.0	62.9	188.6	411.6	626.9	760.9	717.5	502.7	216.9	53.8	18.0
60	2.2	3.7	24.6	97.9	269.1	477.8	606.0	562.6	355.5	112.0	18.7	6.3
Growing Degree Units for Corn (Monthly)												
50/86	83.7	107.3	212.7	364.7	566.2	735.2	845.3	816.0	638.7	403.7	205.5	107.4

Growing Degree Units (Accumulated Monthly)												
40	130	291	643	1236	2108	3185	4411	5594	6546	7200	7538	7715
45	64	148	375	822	1540	2466	3537	4565	5367	5867	6080	6172
50	26	63	193	501	1065	1842	2758	3630	4283	4634	4751	4793
55	8	22	84	273	685	1312	2072	2790	3293	3510	3563	3581
60	2	6	30	128	398	875	1481	2044	2399	2511	2530	2536
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	84	191	404	768	1335	2070	2915	3731	4370	4774	4979	5086

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