

Summary of Monthly Normals
1991-2020

Generated on 04/26/2024

Current Location: Elev: 20 ft. Lat: 35.8528° N Lon: 77.0306° W
Station: WILLIAMSTON 1 E, NC US USC00319440

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	51.8	33.1	42.5	3.4	3.7	3.4	14.5	9.2	4.2	0.9	0.0	0.0	403.5	460.0	548.0	699.8	0.0	0.0	17.9	1.5	16.6	0.1
02	54.9	35.4	45.2	4.3	3.4	3.8	20.4	13.8	6.9	1.5	0.2	0.1	296.2	345.6	422.6	557.2	0.0	0.0	18.8	0.5	11.6	0.0
03	62.0	41.7	51.8	3.9	3.4	3.5	77.3	56.2	32.3	9.4	1.6	0.6	174.9	215.8	284.9	417.0	0.0	0.0	26.6	0.0	5.3	0.0
04	71.4	50.1	60.8	2.4	2.2	2.2	213.4	172.0	118.6	52.4	14.8	7.1	40.9	59.6	96.1	179.9	0.0	0.2	29.6	0.0	0.2	0.0
05	78.2	58.8	68.5	2.9	3.2	2.9	420.8	362.1	278.7	158.1	69.1	44.1	2.3	5.6	15.1	49.5	0.0	2.1	31.0	0.0	0.0	0.0
06	85.3	67.3	76.3	2.4	1.9	2.0	638.9	579.0	489.4	342.3	204.0	154.1	0.0	0.1	0.5	3.3	0.1	8.1	30.0	0.0	0.0	0.0
07	88.5	71.4	79.9	2.0	1.7	1.7	773.4	711.3	618.3	463.4	308.7	248.0	0.0	0.0	0.0	0.0	0.2	14.7	31.0	0.0	0.0	0.0
08	86.9	69.9	78.4	1.9	1.9	1.7	725.4	663.3	570.3	415.4	262.0	203.1	0.0	0.0	0.0	0.1	0.1	10.4	31.0	0.0	0.0	0.0
09	81.8	64.3	73.0	2.0	2.7	2.1	541.5	481.9	393.4	251.8	129.5	89.0	0.1	0.5	2.0	10.3	0.0	2.5	30.0	0.0	0.0	0.0
10	73.0	52.1	62.6	2.2	3.3	2.5	256.5	207.3	142.4	63.2	20.1	11.1	22.4	35.3	63.4	139.1	0.0	0.2	31.0	0.0	0.3	0.0
11	63.1	42.2	52.7	3.7	3.3	3.3	77.2	55.6	31.3	8.1	1.2	0.3	147.6	186.0	251.7	378.5	0.0	0.0	27.7	0.0	5.7	0.0
12	55.3	36.3	45.8	4.6	4.3	4.4	28.7	19.5	10.5	2.6	0.5	0.1	313.9	366.6	450.6	597.7	0.0	0.0	21.7	0.3	13.5	0.0
Summary	71.0	51.9	61.5	3.0	2.9	2.8	3788	3331	2696	1769	1012	758	1402	1675	2135	3032	0.4	38.2	326.3	2.3	53.2	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	3.69	10.9	7.4	2.7	0.8	2.44	3.30	4.83
02	3.22	9.8	6.3	2.4	0.6	1.94	2.76	4.08
03	4.13	11.3	7.0	2.9	1.1	2.95	4.32	5.00
04	3.72	9.9	6.3	2.8	0.9	2.48	3.60	4.54
05	3.69	10.4	6.9	2.6	0.9	2.31	3.07	5.10
06	5.13	10.0	7.1	3.1	1.4	2.51	4.53	5.86
07	5.75	11.3	8.0	3.5	1.7	3.82	5.59	7.23
08	5.70	10.8	7.2	3.6	1.6	3.24	4.77	7.43
09	6.92	10.3	7.6	3.5	1.9	3.28	5.40	7.87
10	4.29	8.2	4.7	2.2	1.2	2.55	3.85	5.47
11	3.39	8.5	5.6	2.4	0.8	1.72	2.89	4.71
12	3.57	10.9	7.1	2.5	0.9	2.47	3.61	4.55
Summary	53.20	122.3	81.2	34.2	13.8	31.71	47.69	66.67

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Station: WILLIAMSTON 1 E, NC US USC00319440

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	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
02	0.10	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.0	0.00	0.00	0.00
03	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
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	0.40	0.2	0.1	0.1	0.0	0.0	0.3	0.2	0.1	0.0	0.00	0.00	0.00
Summary	0.5	0.2	0.1	0.1	0.0	0.0	0.5	0.3	0.2	0.0	0.0	0.0	0.0

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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	164.9	187.7	379.0	622.8	883.5	1088.9	1238.4	1190.4	991.4	699.1	386.4	221.1
45	88.1	106.5	250.9	475.0	728.5	938.9	1083.4	1035.4	841.4	544.9	255.2	124.8
50	39.5	51.8	149.4	335.3	573.7	788.9	928.3	880.3	691.4	395.0	150.7	63.4
55	14.5	20.4	77.3	213.4	420.8	638.9	773.4	725.4	541.5	256.5	77.2	28.7
60	4.2	6.9	32.3	118.6	278.7	489.4	618.3	570.3	393.4	142.4	31.3	10.5
Growing Degree Units for Corn (Monthly)												
50/86	92.4	107.0	213.1	372.2	571.8	757.7	876.1	843.3	682.2	429.4	220.7	120.3

Growing Degree Units (Accumulated Monthly)												
40	165	353	732	1354	2238	3327	4565	5756	6747	7446	7832	8054
45	88	195	446	920	1649	2588	3671	4707	5548	6093	6348	6473
50	40	91	241	576	1150	1939	2867	3747	4439	4834	4984	5048
55	14	35	112	326	746	1385	2159	2884	3426	3682	3759	3788
60	4	11	43	162	441	930	1548	2119	2512	2654	2686	2696
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	92	199	412	785	1356	2114	2990	3834	4516	4945	5166	5286

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