

Summary of Monthly Normals
1991-2020

Generated on 04/23/2024

Current Location: Elev: 20 ft. Lat: 35.3872° N Lon: 76.7764° W

Station: AURORA 6 N, NC US USC00310375

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	53.4	36.2	44.8	3.5	3.8	3.5	22.5	14.5	6.6	1.0	0.0	0.0	338.5	392.5	477.6	627.1	0.0	0.0	19.8	1.0	12.0	0.0
02	55.6	38.3	47.0	4.1	3.7	3.8	25.0	16.5	8.5	2.0	0.3	0.1	250.3	297.7	373.7	507.3	0.0	0.0	19.8	0.3	7.5	0.0
03	62.2	44.2	53.2	3.7	3.5	3.5	87.2	63.5	37.0	11.6	1.9	0.7	143.0	181.2	247.7	377.3	0.0	0.0	27.7	0.0	3.0	0.0
04	71.8	52.7	62.2	2.1	2.3	2.1	243.5	197.0	135.3	60.1	17.4	8.8	26.1	39.5	67.9	142.6	0.0	0.3	29.9	0.0	0.1	0.0
05	78.5	61.9	70.2	2.7	3.0	2.7	472.1	411.4	323.3	189.9	86.7	56.6	0.9	2.2	7.1	28.8	0.0	2.8	31.0	0.0	0.0	0.0
06	85.6	69.9	77.7	2.6	1.7	2.0	682.5	622.4	532.5	384.2	241.5	187.7	0.0	0.0	0.1	1.8	0.2	9.6	30.0	0.0	0.0	0.0
07	88.9	73.8	81.3	1.9	1.3	1.5	816.8	754.7	661.7	506.8	351.9	290.0	0.0	0.0	0.0	0.0	0.3	16.3	31.0	0.0	0.0	0.0
08	87.0	72.7	79.8	1.6	1.7	1.5	770.3	708.3	615.3	460.3	305.8	244.5	0.0	0.0	0.0	0.0	0.2	10.7	31.0	0.0	0.0	0.0
09	81.9	68.0	74.9	2.1	2.2	1.9	598.4	538.4	448.9	302.0	165.8	118.8	0.0	0.0	0.5	3.6	0.0	3.2	30.0	0.0	0.0	0.0
10	73.4	57.0	65.2	2.3	2.7	2.3	326.1	270.2	192.8	91.3	31.4	18.5	9.9	16.1	31.6	85.1	0.0	0.3	30.9	0.0	0.0	0.0
11	63.8	47.5	55.6	3.6	3.4	3.4	111.5	82.5	48.5	14.2	2.6	1.1	92.0	123.0	179.0	294.7	0.0	0.0	28.7	0.0	1.2	0.0
12	56.3	39.8	48.0	4.5	4.4	4.3	37.1	24.7	12.0	2.6	0.4	0.1	252.5	302.0	382.3	528.0	0.0	0.0	22.8	0.2	6.7	0.0
Summary	71.5	55.2	63.3	2.9	2.8	2.7	4193	3704	3022	2026	1206	927	1113	1354	1767	2596	0.7	43.2	332.6	1.5	30.5	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	3.90	10.6	7.0	2.8	0.9	2.99	4.04	4.84
02	3.41	9.6	6.3	2.2	0.9	2.16	3.19	4.58
03	3.75	10.0	6.6	2.8	1.1	2.68	3.56	4.77
04	3.54	8.4	5.2	1.9	0.9	2.41	3.56	4.23
05	3.97	9.4	5.4	2.4	1.0	2.13	3.60	5.55
06	5.12	9.7	6.9	3.4	1.3	3.94	5.16	5.89
07	5.24	12.1	8.3	3.7	1.6	3.84	4.84	5.98
08	5.92	10.4	7.4	3.4	1.6	4.08	5.86	6.77
09	5.90	9.0	6.1	2.9	1.7	3.38	5.73	7.73
10	4.01	7.8	4.3	1.8	0.9	1.99	3.20	5.71
11	3.12	8.2	4.9	1.8	1.0	1.58	2.76	3.97
12	3.68	10.0	6.3	2.1	0.8	2.53	3.42	4.47
Summary	51.56	115.2	74.7	31.2	13.7	33.71	48.92	64.49

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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	0.10	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	0.0	0.0	0.0	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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	211.4	222.9	417.1	667.5	936.2	1132.5	1281.8	1235.3	1048.5	781.2	471.5	278.2
45	118.8	128.6	281.9	518.6	781.2	982.5	1126.8	1080.3	898.4	626.3	330.7	166.5
50	57.4	63.8	169.3	374.5	626.2	832.4	971.7	925.3	748.4	473.1	206.2	86.0
55	22.5	25.0	87.2	243.5	472.1	682.5	816.8	770.3	598.4	326.1	111.5	37.1
60	6.6	8.5	37.0	135.3	323.3	532.5	661.7	615.3	448.9	192.8	48.5	12.0
Growing Degree Units for Corn (Monthly)												
50/86	107.6	113.4	221.3	395.6	619.4	797.8	915.3	888.6	738.9	482.6	247.2	136.5

Growing Degree Units (Accumulated Monthly)												
40	211	434	851	1519	2455	3588	4869	6105	7153	7934	8406	8684
45	119	247	529	1048	1829	2812	3938	5019	5917	6543	6874	7041
50	57	121	290	665	1291	2124	3095	4021	4769	5242	5448	5534
55	22	48	135	378	850	1533	2350	3120	3718	4044	4156	4193
60	7	15	52	187	511	1043	1705	2320	2769	2962	3010	3022
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	108	221	442	838	1457	2255	3170	4059	4798	5281	5528	5664

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