

Summary of Monthly Normals
1991-2020
Generated on 04/26/2024

Current Location: Elev: 345 ft. Lat: 37.3450° N Lon: 77.9781° W
Station: **AMELIA COURTHOUSE, VA US USC00440187**

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	48.6	27.7	38.1	3.7	3.9	3.7	6.9	4.5	2.0	0.2	0.0	0.0	529.1	588.7	679.3	832.4	0.0	0.0	14.6	2.6	22.8	0.4
02	52.3	28.9	40.6	4.1	3.7	3.7	8.3	5.1	1.9	0.1	0.0	0.0	411.4	464.2	545.0	683.1	0.0	0.0	16.5	1.3	19.3	0.1
03	59.9	35.7	47.8	4.2	3.6	3.7	43.8	30.8	17.5	5.4	0.8	0.3	266.8	315.9	395.6	538.5	0.0	0.0	24.3	0.1	13.7	0.0
04	71.1	45.1	58.1	2.6	2.2	2.3	161.8	127.2	83.9	34.2	9.5	5.0	68.9	94.2	141.0	241.3	0.0	0.4	29.3	0.0	2.8	0.0
05	77.4	54.8	66.1	2.9	3.2	2.9	351.6	296.6	220.7	117.0	47.2	28.6	7.4	14.4	31.6	82.9	0.0	1.9	31.0	0.0	0.0	0.0
06	85.2	63.7	74.4	2.6	1.8	1.9	583.6	524.2	435.7	293.3	166.9	123.0	0.3	0.8	2.3	9.9	0.1	8.6	30.0	0.0	0.0	0.0
07	89.2	67.9	78.5	2.5	2.0	2.1	729.9	668.0	575.0	420.0	268.3	210.6	0.0	0.0	0.0	0.1	1.2	16.2	31.0	0.0	0.0	0.0
08	87.2	66.2	76.7	2.5	1.8	1.9	672.6	610.6	517.6	363.2	214.6	160.6	0.0	0.0	0.0	0.6	0.3	10.3	31.0	0.0	0.0	0.0
09	81.3	59.4	70.4	3.2	2.7	2.5	462.2	404.1	319.3	191.3	90.4	60.9	1.8	3.6	8.9	30.9	0.0	4.3	30.0	0.0	0.0	0.0
10	71.0	47.5	59.2	2.2	2.9	2.1	179.8	140.4	91.5	37.7	13.0	8.2	48.1	70.6	114.7	216.0	0.0	0.3	30.7	0.0	1.9	0.0
11	60.9	37.4	49.2	3.9	3.0	3.2	44.5	30.1	14.5	3.0	0.2	0.0	219.9	265.5	340.0	478.4	0.0	0.0	25.5	0.0	11.5	0.0
12	52.1	30.6	41.4	4.3	3.8	4.0	12.2	7.6	3.2	0.7	0.1	0.0	435.2	492.6	581.3	733.7	0.0	0.0	18.2	0.5	19.8	0.0
Summary	69.7	47.1	58.4	3.2	2.9	2.8	3257	2849	2283	1466	811	597	1989	2310	2840	3848	1.6	42.0	312.1	4.5	91.8	0.5

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	3.66	11.2	7.9	3.1	0.8	2.67	3.41	4.49
02	2.89	9.7	6.5	2.7	0.6	1.78	2.49	3.60
03	4.44	11.2	7.8	3.1	1.3	3.34	4.14	5.12
04	3.41	10.7	6.4	2.7	0.8	2.26	3.10	4.27
05	4.33	11.8	7.8	2.8	1.1	3.27	3.78	5.21
06	3.60	10.2	6.1	2.6	0.9	1.94	3.49	4.59
07	3.90	10.1	6.1	2.6	1.3	2.36	3.93	5.40
08	4.03	8.9	5.7	2.6	1.0	2.86	4.00	4.97
09	4.08	9.4	6.4	3.0	1.3	2.29	4.09	5.81
10	3.79	9.0	5.0	2.5	0.9	2.09	3.81	5.21
11	3.38	8.2	5.4	2.1	0.9	1.99	3.24	4.30
12	3.91	10.8	7.0	2.6	0.8	2.70	3.76	4.92
Summary	45.42	121.2	78.1	32.4	11.7	29.55	43.24	57.89

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	3.30	1.6	1.3	0.5	0.2	0.1					0.00	0.70	5.30
02	2.30	1.4	1.2	0.3	0.1	0.0					0.00	1.00	3.00
03	1.10	0.5	0.4	0.1	0.0	0.0					0.00	0.00	2.00
04	0.00	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					0.00	0.00	0.00
06	0.00	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					0.00	0.00	0.00
08	0.00	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					0.00	0.00	0.00
10	0.00	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					0.00	0.00	0.00
12	1.60	0.7	0.5	0.1	0.1	0.0					0.00	0.00	2.50
Summary	8.3	4.2	3.4	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	1.7	12.8

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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	98.9	115.8	281.5	545.0	809.1	1033.4	1194.9	1137.6	910.4	597.0	294.2	131.9
45	46.7	56.7	173.9	401.0	654.2	883.3	1039.9	982.6	760.3	444.9	181.6	67.8
50	19.6	23.4	95.7	270.4	500.0	733.4	884.9	827.6	610.5	302.0	99.0	31.7
55	6.9	8.3	43.8	161.8	351.6	583.6	729.9	672.6	462.2	179.8	44.5	12.2
60	2.0	1.9	17.5	83.9	220.7	435.7	575.0	517.6	319.3	91.5	14.5	3.2
Growing Degree Units for Corn (Monthly)												
50/86	65.1	84.5	181.2	344.9	517.0	699.5	819.6	782.5	603.1	366.3	182.9	85.3
Growing Degree Units (Accumulated Monthly)												
40	99	215	496	1041	1850	2884	4079	5216	6127	6724	7018	7150
45	47	103	277	678	1332	2216	3256	4238	4999	5444	5625	5693
50	20	43	139	409	909	1642	2527	3355	3966	4268	4366	4398
55	7	15	59	221	572	1156	1886	2558	3021	3200	3245	3257
60	2	4	21	105	326	762	1337	1854	2174	2265	2280	2283
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	65	150	331	676	1193	1892	2712	3494	4097	4464	4647	4732

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