

Summary of Monthly Normals
1991-2020

Generated on 06/02/2024

Current Location: Elev: 10 ft. Lat: 38.5000° N Lon: 77.3000° W

Station: **QUANTICO MCAS, VA US USW00013773**

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	44.8	28.3	36.6	4.0	3.9	3.9	1.9	0.8	0.2	0.0	0.0	0.0	573.6	634.5	727.0	881.8	0.0	0.0	9.1	3.8	21.7	0.1
02	48.3	30.4	39.4	4.7	3.9	4.2	5.0	2.8	1.0	0.1	0.0	0.0	443.1	496.9	579.1	718.3	0.0	0.0	11.5	1.8	18.1	0.1
03	56.3	37.1	46.7	4.3	3.3	3.7	32.9	22.9	12.5	3.4	0.5	0.1	290.1	342.1	424.7	570.6	0.0	0.0	20.8	0.3	10.4	0.0
04	67.8	47.1	57.5	2.3	2.4	2.3	144.0	111.2	72.1	29.7	8.2	4.3	70.6	97.8	148.6	256.3	0.0	0.3	29.1	0.0	1.1	0.0
05	75.5	56.8	66.1	3.3	3.4	3.2	350.0	293.6	216.4	114.3	47.0	29.3	4.4	9.9	25.7	78.7	0.0	1.4	31.0	0.0	0.0	0.0
06	83.7	65.9	74.8	2.0	1.6	1.7	594.0	534.1	444.9	300.1	167.9	122.7	0.0	0.2	0.9	6.1	0.0	5.0	30.0	0.0	0.0	0.0
07	88.0	70.7	79.3	2.5	2.1	2.2	754.7	692.7	599.7	444.7	290.4	230.4	0.0	0.0	0.0	0.0	0.6	12.6	31.0	0.0	0.0	0.0
08	86.1	69.0	77.6	2.4	2.1	2.1	698.9	636.9	544.0	389.1	238.1	181.7	0.0	0.0	0.0	0.1	0.1	8.0	31.0	0.0	0.0	0.0
09	79.5	62.1	70.8	2.6	2.5	2.3	474.7	415.7	329.3	196.0	91.6	61.2	0.8	1.8	5.4	22.0	0.0	2.0	30.0	0.0	0.0	0.0
10	68.8	49.7	59.2	2.5	2.7	2.4	175.1	134.6	84.8	32.2	9.2	4.9	43.3	64.9	108.0	210.5	0.0	0.1	30.7	0.0	0.3	0.0
11	57.8	39.3	48.6	4.0	2.9	3.3	31.6	20.0	9.1	1.8	0.1	0.0	225.1	273.4	352.6	495.2	0.0	0.0	24.0	0.0	7.1	0.0
12	48.6	32.2	40.4	4.2	3.5	3.8	7.3	4.2	1.5	0.3	0.0	0.0	459.8	518.7	609.0	762.8	0.0	0.0	13.2	0.9	17.2	0.0
Summary	67.1	49.1	58.1	3.2	2.9	2.9	3270	2869	2316	1512	853	635	2111	2440	2981	4002	0.7	29.4	291.4	6.8	75.9	0.2

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	2.66	9.3	5.1	1.7	0.5	2.03	2.47	2.93
02	2.36	9.4	5.2	1.4	0.6	1.58	1.98	2.56
03	3.58	10.9	6.3	2.1	0.9	2.89	3.11	4.32
04	3.16	10.4	6.1	2.1	0.8	2.12	2.99	4.15
05	3.63	12.5	7.1	2.3	0.7	2.09	3.19	4.93
06	3.53	10.6	6.7	2.4	0.9	2.01	2.50	4.43
07	4.64	9.8	5.8	2.6	1.0	2.63	4.13	6.61
08	4.24	8.1	4.6	1.9	0.9	2.89	3.74	4.56
09	3.43	9.4	5.7	2.4	1.0	1.75	3.32	4.83
10	3.33	9.0	5.3	2.2	0.9	1.78	3.11	4.63
11	3.14	9.0	5.1	2.1	1.0	1.19	2.55	4.32
12	3.33	9.7	6.5	2.6	0.6	2.33	3.08	4.30
Summary	41.03	118.1	69.5	25.8	9.8	25.29	36.17	52.57

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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	3.50	2.2	1.1	0.3	0.2	0.1	2.2	1.3	0.9	0.8	0.30	1.30	2.50
02	5.80	2.0	1.3	0.7	0.2	0.2	3.8	1.7	1.2	0.0	0.00	2.70	4.50
03	1.40	0.8	0.5	0.2	0.1	0.0	0.7	0.0	0.0	0.0	0.00	0.00	2.10
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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	1.70	1.2	0.6	0.2	0.1	0.0	1.2	0.5	0.0	0.0	0.00	0.20	2.10
Summary	12.4	6.3	3.5	1.4	0.6	0.3	7.9	3.5	2.1	0.8	0.3	4.2	11.2

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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	64.6	90.9	242.0	524.4	810.7	1044.0	1219.7	1164.0	923.9	596.8	272.6	105.5
45	26.5	41.6	140.9	379.9	655.7	893.9	1064.7	1008.9	773.9	443.6	158.1	47.4
50	8.8	16.7	72.9	249.2	500.9	744.0	909.7	854.0	624.0	299.4	78.7	20.3
55	1.9	5.0	32.9	144.0	350.0	594.0	754.7	698.9	474.7	175.1	31.6	7.3
60	0.2	1.0	12.5	72.1	216.4	444.9	599.7	544.0	329.3	84.8	9.1	1.5
Growing Degree Units for Corn (Monthly)												
50/86	33.5	51.7	131.4	299.2	509.3	721.0	858.4	819.5	617.7	342.6	139.6	50.7

Growing Degree Units (Accumulated Monthly)												
40	65	156	398	922	1733	2777	3996	5160	6084	6681	6954	7059
45	26	68	209	589	1245	2138	3203	4212	4986	5430	5588	5635
50	9	26	98	348	848	1592	2502	3356	3980	4280	4358	4379
55	2	7	40	184	534	1128	1882	2581	3056	3231	3263	3270
60	0	1	14	86	302	747	1347	1891	2220	2305	2314	2316
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	34	85	217	516	1025	1746	2604	3424	4042	4384	4524	4575

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

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