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

Summary of Monthly Normals 1991-2020

Generated on 03/28/2024

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

Current Location: Elev: 1270 ft. Lat: 38.0803° N Lon: 78.8750° W

Station: **WAYNESBORO WTP, VA US USC00448941**

Temperature (°F)

	Mean						Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
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	44.2	23.4	33.8	4.2	3.6	3.7	1.7	0.6	0.2	0.0	0.0	0.0	658.6	719.6	812.2	967.1	0.0	0.0	10.4	5.7	25.8	0.5
02	47.6	24.9	36.2	4.9	4.0	4.2	2.8	1.5	0.7	0.1	0.0	0.0	527.7	582.5	665.6	805.1	0.0	0.0	11.3	2.4	23.5	0.3
03	55.4	31.3	43.4	4.6	3.4	3.9	17.3	10.6	4.6	0.4	0.0	0.0	378.4	433.7	520.7	671.5	0.0	0.0	19.9	0.5	18.9	0.0
04	66.3	39.8	53.0	2.8	2.2	2.3	82.5	59.8	33.7	8.9	0.8	0.2	141.0	178.3	242.2	367.4	0.0	0.0	27.6	0.0	6.3	0.0
05	74.2	50.0	62.1	3.6	3.8	3.4	245.9	197.8	135.1	57.4	14.0	6.9	25.8	39.7	70.0	147.4	0.0	0.5	30.9	0.0	0.6	0.0
06	82.1	58.6	70.4	2.2	1.7	1.7	460.9	401.4	313.5	177.8	73.6	44.5	0.5	1.0	3.1	17.3	0.0	2.6	30.0	0.0	0.0	0.0
07	85.7	63.3	74.5	2.6	2.3	2.2	604.3	542.4	449.4	296.0	153.7	105.3	0.0	0.0	0.0	1.6	0.1	7.9	31.0	0.0	0.0	0.0
08	84.6	61.4	73.0	2.2	2.2	2.0	557.9	496.0	403.4	252.5	119.0	76.9	0.0	0.1	0.5	4.6	0.0	5.2	31.0	0.0	0.0	0.0
09	77.5	54.5	66.0	2.9	2.8	2.5	335.6	280.6	203.5	97.2	31.9	17.9	5.7	10.7	23.5	67.2	0.0	1.6	30.0	0.0	0.0	0.0
10	67.7	42.6	55.1	2.5	3.0	2.3	99.5	71.0	39.9	13.2	3.0	1.3	94.8	128.3	190.3	318.5	0.0	0.2	29.8	0.0	3.1	0.0
11	56.4	32.7	44.5	4.6	2.7	3.4	14.8	8.3	2.8	0.2	0.0	0.0	328.2	381.8	466.3	613.7	0.0	0.0	21.6	0.2	18.0	0.0
12	47.1	26.8	37.0	4.6	3.7	4.1	2.8	1.2	0.2	0.0	0.0	0.0	562.2	622.6	714.6	869.5	0.0	0.0	13.3	2.6	24.0	0.0
Summary	65.7	42.4	54.1	3.5	2.9	3.0	2426	2071	1587	904	396	253	2723	3098	3709	4851	0.1	18.0	286.8	11.4	120.2	0.8

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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	3.16	8.3	5.4	1.4	0.6	1.92	2.19	4.38
02	2.80	7.4	4.9	1.5	0.7	1.52	2.37	3.87
03	4.11	8.5	6.2	2.3	0.9	2.42	3.75	5.58
04	3.94	10.3	7.2	3.1	1.0	2.87	3.93	5.03
05	3.59	11.8	8.6	2.1	0.9	2.09	2.67	4.22
06	4.47	10.6	7.6	3.3	1.3	3.15	3.80	5.04
07	3.68	10.9	7.4	2.4	0.9	2.56	3.50	4.19
08	3.69	10.8	7.7	2.7	1.2	1.94	3.34	4.60
09	5.46	8.5	5.8	2.8	1.8	2.40	5.22	7.88
10	3.41	8.6	6.0	2.7	1.5	1.90	2.62	4.83
11	4.03	7.4	5.4	2.7	1.0	2.13	3.50	5.34
12	2.99	8.6	6.0	2.2	0.9	1.93	2.76	3.74
Summary	45.33	111.7	78.2	29.2	12.7	26.83	39.65	58.70

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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	51.1	66.7	174.2	398.9	685.2	910.4	1069.3	1022.9	779.9	471.8	183.6	71.6
45	20.3	28.9	94.5	267.6	530.6	760.5	914.4	867.9	630.1	326.9	97.4	31.0
50	6.2	9.8	45.6	160.6	380.2	610.4	759.3	712.9	480.9	198.3	43.1	11.3
55	1.7	2.8	17.3	82.5	245.9	460.9	604.3	557.9	335.6	99.5	14.8	2.8
60	0.2	0.7	4.6	33.7	135.1	313.5	449.4	403.4	203.5	39.9	2.8	0.2
Growing Degree Units for Corn (Monthly)												
50/86	39.6	54.8	123.9	256.0	425.2	599.3	727.8	688.8	495.4	290.6	123.3	49.4

Growing Degree Units (Accumulated Monthly)

40	51	118	292	691	1376	2286	3356	4379	5159	5630	5814	5886
45	20	49	144	411	942	1702	2617	3485	4115	4442	4539	4570
50	6	16	62	222	602	1213	1972	2685	3166	3364	3407	3419
55	2	4	22	104	350	811	1415	1973	2309	2408	2423	2426
60	0	1	6	39	174	488	937	1341	1544	1584	1587	1587
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	40	94	218	474	900	1499	2227	2915	3411	3701	3825	3874

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

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