

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 140 ft. Lat: 37.9881° N Lon: 76.7769° W
Station: **WARSAW 2 NW, VA US USC00448894**

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	46.8	28.5	37.6	4.0	4.1	3.8	7.6	4.7	1.7	0.1	0.0	0.0	545.3	604.4	694.4	847.8	0.0	0.0	13.7	2.2	20.0	0.1
02	50.4	30.2	40.3	4.8	4.0	4.3	9.6	6.1	2.8	0.4	0.0	0.0	421.2	473.7	554.3	692.0	0.0	0.0	15.3	0.9	17.1	0.1
03	58.5	36.5	47.5	4.2	3.4	3.7	43.9	31.3	17.8	5.0	0.8	0.3	276.3	325.7	405.2	547.4	0.0	0.0	24.8	0.2	11.9	0.0
04	69.7	45.8	57.8	2.7	2.3	2.3	156.9	123.6	82.3	34.2	9.7	4.9	74.4	101.1	149.9	251.7	0.0	0.5	29.5	0.0	1.9	0.0
05	77.1	55.3	66.2	3.2	3.2	3.1	353.6	297.7	220.8	116.4	46.3	28.1	6.4	12.5	28.6	79.2	0.0	2.8	31.0	0.0	0.0	0.0
06	84.3	63.5	73.9	2.0	1.8	1.7	567.0	507.3	418.5	275.2	149.4	107.9	0.1	0.4	1.6	8.2	0.2	8.5	30.0	0.0	0.0	0.0
07	88.4	68.1	78.2	2.7	2.2	2.2	720.6	658.6	565.5	410.6	257.7	199.8	0.0	0.0	0.0	0.0	0.7	16.2	31.0	0.0	0.0	0.0
08	86.4	66.1	76.2	2.4	2.1	2.2	658.7	596.7	503.6	349.2	201.8	149.1	0.0	0.0	0.0	0.5	0.3	11.5	31.0	0.0	0.0	0.0
09	80.4	59.8	70.1	2.7	2.7	2.4	454.1	395.6	310.6	181.7	81.3	52.6	1.2	2.7	7.8	28.8	0.0	4.1	30.0	0.0	0.0	0.0
10	70.4	48.6	59.5	2.2	2.9	2.3	184.9	144.2	94.2	39.3	11.2	5.7	45.4	66.6	109.7	209.8	0.0	0.3	30.9	0.0	0.8	0.0
11	59.5	39.1	49.3	3.9	3.1	3.3	47.2	32.3	16.3	3.8	0.4	0.1	218.1	263.2	337.3	474.8	0.0	0.0	26.2	0.0	8.2	0.0
12	50.0	32.3	41.2	4.4	4.0	4.1	11.7	7.5	3.5	0.5	0.0	0.0	440.9	498.8	587.7	739.7	0.0	0.0	17.8	0.6	16.7	0.0
Summary	68.5	47.8	58.1	3.3	3.0	2.9	3216	2806	2238	1416	759	549	2029	2349	2876	3880	1.2	43.9	311.2	3.9	76.6	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	3.02	8.9	5.5	1.9	0.7	2.19	2.94	3.60	
02	2.60	8.1	5.0	1.8	0.5	1.59	2.40	3.19	
03	3.66	9.3	6.1	2.7	1.0	2.45	3.38	4.68	
04	3.18	10.4	6.8	2.1	0.7	2.40	3.12	3.72	
05	3.90	11.3	7.4	2.6	0.9	2.29	3.52	4.56	
06	4.37	11.0	7.3	3.0	1.2	3.05	3.68	5.66	
07	4.73	10.4	7.1	3.2	1.5	3.03	4.22	6.08	
08	5.01	9.6	6.7	3.1	1.6	3.03	3.79	6.45	
09	4.15	9.0	5.5	2.4	1.2	2.05	3.41	5.15	
10	3.98	9.3	5.5	2.5	1.2	2.10	3.50	6.28	
11	3.29	8.4	5.3	2.2	1.1	1.86	2.95	4.08	
12	3.30	9.1	6.3	2.6	1.0	2.14	3.25	4.15	
Summary	45.19	114.8	74.5	30.1	12.6	28.18	40.16	57.60	

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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	4.40	1.6	1.1	0.4	0.2	0.1	2.7	1.4	1.0	0.6	0.00	1.00	5.00
02	3.30	1.5	0.9	0.5	0.2	0.0	3.4	2.3	1.7	0.3	0.00	0.60	4.30
03	1.40	0.6	0.4	0.1	0.0	0.0	0.4	0.2	0.2	0.0	0.00	0.00	1.00
04	0.10	0.0	0.0	0.0	0.0	0.0	0.1	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	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	2.20	0.9	0.7	0.3	0.1	0.0	1.6	0.7	0.3	0.1	0.00	0.50	2.00
Summary	11.5	4.6	3.1	1.3	0.5	0.1	8.2	4.6	3.2	1.0	0.0	2.1	12.3

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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	93.4	109.4	269.7	534.0	812.2	1016.9	1185.5	1123.6	902.8	604.7	298.4	130.1
45	46.2	56.4	165.7	390.3	657.2	866.9	1030.5	968.6	752.8	452.0	186.9	66.7
50	20.2	25.4	90.8	260.8	502.7	716.9	875.6	813.7	603.0	308.3	102.6	30.8
55	7.6	9.6	43.9	156.9	353.6	567.0	720.6	658.7	454.1	184.9	47.2	11.7
60	1.7	2.8	17.8	82.3	220.8	418.5	565.5	503.6	310.6	94.2	16.3	3.5
Growing Degree Units for Corn (Monthly)												
50/86	50.6	65.7	163.3	327.0	516.6	691.6	821.0	777.6	599.2	365.2	166.3	64.0
Growing Degree Units (Accumulated Monthly)												
40	93	203	472	1006	1819	2836	4021	5145	6048	6652	6951	7081
45	46	103	268	659	1316	2183	3213	4182	4935	5387	5574	5640
50	20	46	136	397	900	1617	2492	3306	3909	4217	4320	4351
55	8	17	61	218	572	1139	1859	2518	2972	3157	3204	3216
60	2	4	22	105	325	744	1309	1813	2124	2218	2234	2238
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	51	116	280	607	1123	1815	2636	3413	4013	4378	4544	4608

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