

Summary of Monthly Normals
1991-2020

Generated on 04/19/2024

Current Location: Elev: 50 ft. Lat: 37.7433° N Lon: 77.0400° W
Station: WALKERTON 2 NW, VA US USC00448829

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	29.4	39.0	3.7	3.8	3.6	8.6	5.5	2.2	0.2	0.0	0.0	504.5	563.4	653.0	806.1	0.0	0.0	15.0	1.8	20.7	0.4
02	52.3	31.1	41.7	4.9	3.8	4.1	10.9	6.8	3.2	0.4	0.0	0.0	383.2	435.1	515.5	652.7	0.0	0.0	17.4	0.6	17.3	0.1
03	60.4	37.8	49.1	4.0	3.2	3.5	53.4	38.5	22.1	6.5	1.4	0.7	236.3	283.4	359.9	499.3	0.0	0.0	26.2	0.1	11.9	0.0
04	71.6	46.9	59.2	2.6	2.5	2.3	183.9	147.0	99.4	42.6	13.3	7.4	56.5	79.5	121.9	215.2	0.0	0.8	29.7	0.0	2.7	0.0
05	77.6	56.8	67.2	3.3	3.1	3.0	382.1	324.7	243.9	132.3	55.3	33.8	3.9	8.5	20.7	64.1	0.0	2.7	31.0	0.0	0.0	0.0
06	84.9	65.0	75.0	2.2	1.8	1.7	598.4	538.6	449.3	303.6	171.9	126.7	0.0	0.2	0.9	5.2	0.3	9.4	30.0	0.0	0.0	0.0
07	88.4	69.4	78.9	2.6	1.7	1.9	740.8	678.8	585.8	430.8	277.8	219.0	0.0	0.0	0.0	0.0	1.0	16.8	31.0	0.0	0.0	0.0
08	86.9	67.8	77.3	2.6	2.2	2.1	692.8	630.8	537.8	383.0	231.7	175.5	0.0	0.0	0.0	0.2	0.2	11.7	31.0	0.0	0.0	0.0
09	81.2	61.6	71.4	2.9	2.8	2.4	492.5	433.4	347.0	212.9	103.4	70.3	0.7	1.5	5.1	20.9	0.0	3.9	30.0	0.0	0.0	0.0
10	71.5	49.6	60.5	2.2	3.0	2.4	208.5	164.1	108.0	45.5	14.9	8.5	36.4	54.1	91.0	183.5	0.0	0.3	31.0	0.0	1.8	0.0
11	60.9	39.3	50.1	3.8	2.8	3.1	51.6	35.5	18.2	4.2	0.5	0.1	198.5	242.4	315.2	451.2	0.0	0.0	27.1	0.0	9.6	0.0
12	51.7	32.4	42.1	4.5	3.8	4.1	14.1	9.2	3.9	0.6	0.1	0.0	415.5	472.5	560.2	712.0	0.0	0.0	19.4	0.4	18.1	0.0
Summary	69.7	48.9	59.3	3.3	2.9	2.8	3438	3013	2421	1563	870	642	1836	2141	2643	3610	1.5	45.6	318.8	2.9	82.1	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	3.19	9.2	6.2	2.5	0.8	2.34	3.12	4.06
02	2.85	8.7	6.1	1.8	0.7	1.70	2.63	3.56
03	4.03	10.0	6.8	2.9	1.0	2.90	3.79	4.87
04	3.20	9.7	6.5	2.3	0.6	2.38	3.10	4.06
05	3.84	10.5	6.8	2.7	0.9	2.30	3.07	4.73
06	4.18	9.6	6.5	2.9	1.2	2.31	3.90	5.14
07	4.78	9.8	7.1	3.0	1.6	3.73	4.79	6.03
08	4.37	8.1	6.1	2.7	1.4	2.61	3.47	5.65
09	4.44	8.0	5.8	2.7	1.1	2.17	3.77	5.68
10	3.78	7.3	5.0	2.3	1.3	2.16	3.71	5.38
11	3.29	8.7	6.1	2.3	1.0	2.08	2.96	3.90
12	3.69	10.2	6.6	2.6	1.0	2.65	3.44	4.58
Summary	45.64	109.8	75.6	30.7	12.6	29.33	41.75	57.64

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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	3.40	1.5	1.0	0.5	0.2	0.1	2.5	1.3	0.9	0.3	0.00	1.30	4.50
02	2.40	0.9	0.7	0.4	0.1	0.0	2.2	1.3	0.8	0.4	0.00	0.10	3.00
03	1.00	0.6	0.5	0.1	0.0	0.0	0.6	0.1	0.0	0.0	0.00	0.00	2.00
04	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
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	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
12	0.90	0.5	0.3	0.1	0.0	0.0	1.0	0.5	0.3	0.0	0.00	0.00	0.00
Summary	7.8	3.7	2.5	1.1	0.3	0.1	6.4	3.2	2.0	0.7	0.0	1.4	9.5

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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	112.1	128.9	308.0	578.3	843.2	1048.4	1205.7	1157.7	941.8	637.3	320.1	146.3
45	55.6	65.7	194.3	432.0	688.2	898.3	1050.7	1002.7	791.8	484.1	202.0	75.1
50	24.5	29.2	108.8	296.0	533.3	748.4	895.7	847.7	641.9	338.0	112.2	35.4
55	8.6	10.9	53.4	183.9	382.1	598.4	740.8	692.8	492.5	208.5	51.6	14.1
60	2.2	3.2	22.1	99.4	243.9	449.3	585.8	537.8	347.0	108.0	18.2	3.9
Growing Degree Units for Corn (Monthly)												
50/86	62.0	81.6	189.4	362.9	544.7	719.3	840.7	808.1	635.1	393.7	186.1	79.4

Growing Degree Units (Accumulated Monthly)												
40	112	241	549	1127	1970	3019	4225	5382	6324	6961	7282	7428
45	56	121	316	748	1436	2334	3385	4388	5179	5663	5865	5941
50	24	54	162	458	992	1740	2636	3484	4125	4463	4576	4611
55	9	20	73	257	639	1237	1978	2671	3163	3372	3424	3438
60	2	5	28	127	371	820	1406	1944	2291	2399	2417	2421
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	62	144	333	696	1241	1960	2801	3609	4244	4638	4824	4903

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