

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 113 ft. Lat: 36.9839° N Lon: 77.0078° W
Station: WAKEFIELD 1NW, VA US USC00448800

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	49.8	28.2	39.0	3.8	3.7	3.7	9.6	6.1	2.8	0.6	0.0	0.0	505.5	563.9	653.7	806.5	0.0	0.0	15.6	2.2	21.9	0.2
02	53.0	30.1	41.5	4.7	3.4	3.8	12.9	8.3	3.7	0.5	0.0	0.0	389.4	440.8	520.3	657.1	0.0	0.0	16.4	0.7	18.4	0.1
03	61.1	35.8	48.4	4.1	3.4	3.6	50.6	36.2	20.5	5.8	1.1	0.5	253.6	301.1	378.5	518.8	0.0	0.0	25.5	0.0	12.8	0.0
04	71.4	45.2	58.3	2.6	2.6	2.5	168.6	134.6	92.2	41.1	12.2	6.7	69.6	95.6	143.2	242.1	0.0	0.4	29.5	0.0	2.9	0.0
05	78.6	54.7	66.6	3.3	3.6	3.3	366.7	311.0	233.8	126.4	51.8	31.5	5.6	11.9	27.7	75.3	0.0	2.4	31.0	0.0	0.0	0.0
06	85.8	63.3	74.5	2.3	2.2	2.0	586.5	526.6	437.5	293.4	165.5	121.8	0.0	0.1	1.0	6.9	0.3	8.8	30.0	0.0	0.0	0.0
07	89.7	68.0	78.8	2.6	1.9	2.1	739.2	677.2	584.2	429.3	276.3	218.0	0.0	0.0	0.0	0.0	0.6	16.8	31.0	0.0	0.0	0.0
08	87.7	66.3	77.0	2.6	2.3	2.2	682.0	620.0	527.0	372.3	222.6	167.9	0.0	0.0	0.0	0.3	0.3	11.8	31.0	0.0	0.0	0.0
09	81.8	60.2	71.0	2.8	2.7	2.4	480.6	421.5	334.8	202.2	96.3	64.5	0.7	1.6	4.9	22.2	0.0	3.7	30.0	0.0	0.0	0.0
10	72.0	48.0	60.0	2.4	2.8	2.2	196.3	153.9	101.1	42.1	13.0	7.4	41.2	60.8	101.1	197.1	0.0	0.3	30.9	0.0	1.5	0.0
11	62.0	37.6	49.8	3.5	3.0	3.0	52.3	36.3	18.9	4.2	0.4	0.1	208.2	252.2	324.9	460.2	0.0	0.0	27.1	0.0	11.5	0.0
12	53.1	31.4	42.3	4.8	4.1	4.3	18.8	12.4	6.2	1.3	0.1	0.0	414.0	469.5	556.4	706.5	0.0	0.0	19.3	0.7	18.9	0.0
Summary	70.5	47.4	58.9	3.3	3.0	2.9	3364	2944	2363	1519	839	618	1888	2198	2712	3693	1.2	44.2	317.3	3.6	87.9	0.3

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	3.83	10.3	6.7	3.0	1.1	2.65	3.61	5.05
02	2.80	9.3	5.9	2.0	0.6	1.67	2.19	3.45
03	4.22	11.3	7.6	3.0	1.1	3.12	4.00	5.21
04	3.76	10.2	6.5	2.4	0.9	2.49	3.54	4.47
05	4.15	11.0	6.9	3.0	1.2	2.86	3.57	5.19
06	4.77	10.6	7.1	3.0	1.2	2.71	4.13	6.09
07	5.47	11.2	8.1	3.9	1.6	3.82	5.24	6.93
08	5.50	10.4	6.9	3.3	1.8	2.65	5.18	7.84
09	6.05	9.4	6.2	3.3	1.7	3.21	4.59	9.07
10	3.95	8.3	5.0	2.3	1.3	2.69	4.01	5.11
11	3.17	8.2	5.4	1.9	0.7	1.27	3.02	3.87
12	3.73	10.9	6.7	2.6	1.1	2.33	3.79	4.64
Summary	51.40	121.1	79.0	33.7	14.3	31.47	46.87	66.92

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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	3.50	1.4	0.8	0.3	0.2	0.0	2.0	1.1	0.6	0.0	0.00	0.30	6.70
02	1.40	1.0	0.5	0.1	0.0	0.0	1.0	0.5	0.0	0.0	0.00	0.10	2.50
03	0.40	0.6	0.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.00	0.00	0.40
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	0.00	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	1.10	0.6	0.4	0.1	0.0	0.0	0.5	0.2	0.1	0.0	0.00	0.00	0.60
Summary	6.4	3.8	1.9	0.5	0.2	0.0	3.8	1.8	0.7	0.0	0.0	0.4	10.2

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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	112.0	126.9	291.0	550.3	826.2	1036.4	1204.2	1146.9	929.9	620.2	309.3	152.9
45	56.8	67.1	182.8	405.9	671.2	886.4	1049.1	991.9	779.8	467.2	192.7	82.9
50	25.6	32.3	104.1	274.1	516.6	736.4	894.2	836.9	629.9	322.4	108.0	42.2
55	9.6	12.9	50.6	168.6	366.7	586.5	739.2	682.0	480.6	196.3	52.3	18.8
60	2.8	3.7	20.5	92.2	233.8	437.5	584.2	527.0	334.8	101.1	18.9	6.2
Growing Degree Units for Corn (Monthly)												
50/86	73.6	88.9	192.7	350.7	531.6	700.0	823.8	787.7	620.2	386.7	196.8	96.0

Growing Degree Units (Accumulated Monthly)												
40	112	239	530	1080	1906	2943	4147	5294	6224	6844	7153	7306
45	57	124	307	713	1384	2270	3319	4311	5091	5558	5751	5834
50	26	58	162	436	953	1689	2583	3420	4050	4372	4480	4523
55	10	22	73	242	608	1195	1934	2616	3097	3293	3345	3364
60	3	6	27	119	353	790	1375	1902	2236	2338	2356	2363
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	74	162	355	706	1238	1938	2761	3549	4169	4556	4753	4849

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