

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 510 ft. Lat: 36.7775° N Lon: 78.4756° W

Station: CHASE CITY, VA US USC00441606

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	49.4	29.1	39.3	3.5	3.4	3.2	4.9	2.7	1.0	0.0	0.0	0.0	493.0	552.8	644.1	798.2	0.0	0.0	15.0	1.8	22.7	0.1
02	52.7	30.8	41.7	4.0	3.1	3.4	8.3	4.9	1.8	0.1	0.0	0.0	379.3	431.9	512.8	651.1	0.0	0.0	16.6	0.9	19.8	0.1
03	60.3	36.2	48.3	4.1	3.5	3.7	42.1	29.0	15.5	3.9	0.4	0.1	251.3	300.2	379.7	523.1	0.0	0.0	25.5	0.1	13.6	0.0
04	70.6	44.9	57.8	2.4	2.3	2.1	151.9	117.9	76.4	29.7	7.1	3.1	69.4	95.4	143.9	247.2	0.0	0.4	29.3	0.0	2.7	0.0
05	77.6	54.7	66.1	2.8	3.5	2.9	353.3	298.1	221.7	116.8	44.5	25.5	7.7	14.5	31.1	81.2	0.0	2.0	31.0	0.0	0.0	0.0
06	85.2	63.5	74.3	2.2	2.2	1.9	580.6	520.9	432.0	287.8	157.7	113.2	0.2	0.5	1.5	7.3	0.1	7.9	30.0	0.0	0.0	0.0
07	88.9	67.8	78.4	2.6	1.8	2.0	723.7	661.7	568.8	413.9	261.8	203.8	0.0	0.0	0.0	0.1	0.5	15.2	31.0	0.0	0.0	0.0
08	87.1	66.2	76.6	2.7	1.7	1.9	671.1	609.1	516.1	361.8	212.5	157.9	0.0	0.0	0.0	0.6	0.2	10.4	31.0	0.0	0.0	0.0
09	81.0	59.5	70.2	2.9	2.6	2.3	458.5	399.9	314.5	184.9	84.2	54.9	1.1	2.5	7.1	27.4	0.0	3.5	30.0	0.0	0.0	0.0
10	71.0	46.9	59.0	2.3	3.0	2.2	170.0	130.5	81.8	30.6	8.8	4.7	47.5	70.0	114.3	218.1	0.0	0.3	30.7	0.0	2.5	0.0
11	61.0	37.3	49.2	4.0	3.1	3.2	40.4	26.4	12.3	2.2	0.2	0.0	215.8	261.9	337.7	477.7	0.0	0.0	26.3	0.0	12.4	0.0
12	52.3	31.3	41.8	4.5	4.1	4.1	12.6	8.2	3.7	0.6	0.0	0.0	421.7	479.2	567.8	719.7	0.0	0.0	18.5	0.5	20.1	0.0
Summary	69.8	47.3	58.6	3.2	2.9	2.7	3217	2809	2246	1432	777	563	1887	2209	2740	3752	0.8	39.7	314.9	3.3	93.8	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	3.76	7.7	6.2	2.6	0.8	2.61	3.99	4.76
02	3.27	7.0	5.5	2.1	0.9	1.86	2.81	4.85
03	4.07	8.6	6.9	3.0	1.0	2.96	3.47	5.52
04	3.66	8.3	6.9	2.5	0.9	2.38	3.12	5.03
05	4.01	8.9	6.8	3.0	0.9	2.46	3.29	5.43
06	4.26	8.5	6.8	3.1	1.3	2.54	3.29	5.63
07	4.23	8.7	6.8	2.8	1.2	2.76	3.80	5.23
08	4.09	7.9	6.1	2.4	1.3	2.54	3.76	4.94
09	4.65	6.8	5.4	2.7	1.6	2.22	4.41	5.70
10	3.45	6.8	4.9	2.5	1.1	2.20	3.05	4.62
11	3.18	6.8	5.1	2.3	1.0	1.57	3.35	4.29
12	3.77	7.8	6.1	2.5	1.3	2.39	3.14	4.64
Summary	46.40	93.8	73.5	31.5	13.3	28.49	41.48	60.64

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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	3.00	1.1	0.9	0.4	0.4	0.0					0.00	0.00	1.80
02	0.80	0.8	0.5	0.1	0.1	0.0					0.00	0.30	1.70
03	0.40	0.1	0.1	0.0	0.0	0.0					0.00	0.00	0.00
04	0.00	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					0.00	0.00	0.00
06	0.00	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					0.00	0.00	0.00
08	0.00	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					0.00	0.00	0.00
10	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
11	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
12	0.80	0.6	0.4	0.1	0.0	0.0					0.00	0.00	0.60
Summary	5.0	2.6	1.9	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.3	4.1

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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	100.0	122.3	283.6	534.2	810.7	1030.5	1188.8	1136.1	907.4	587.8	290.1	134.8
45	45.7	60.9	172.5	390.8	655.7	880.4	1033.7	981.1	757.4	435.9	175.2	66.2
50	16.6	25.1	92.4	259.2	501.8	730.5	878.8	826.1	607.5	292.5	92.6	30.7
55	4.9	8.3	42.1	151.9	353.3	580.6	723.7	671.1	458.5	170.0	40.4	12.6
60	1.0	1.8	15.5	76.4	221.7	432.0	568.8	516.1	314.5	81.8	12.3	3.7
Growing Degree Units for Corn (Monthly)												
50/86	64.0	83.5	182.1	333.1	520.3	698.7	817.2	781.7	601.9	360.5	178.5	83.7
Growing Degree Units (Accumulated Monthly)												
40	100	222	506	1040	1851	2881	4070	5206	6114	6701	6992	7126
45	46	107	279	670	1326	2206	3240	4221	4978	5414	5589	5655
50	17	42	134	393	895	1626	2504	3330	3938	4230	4323	4354
55	5	13	55	207	560	1141	1865	2536	2994	3164	3205	3217
60	1	3	18	95	316	748	1317	1833	2148	2230	2242	2246
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	64	148	330	663	1183	1882	2699	3481	4083	4443	4622	4705

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