

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 1375 ft. Lat: 36.6364° N Lon: 80.2544° W

Station: **STUART, VA US USC00448170**

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	48.1	25.2	36.7	3.3	3.9	3.5	2.1	0.9	0.2	0.0	0.0	0.0	570.8	631.6	723.9	878.7	0.0	0.0	14.2	2.1	23.3	0.1
02	51.9	27.2	39.5	4.0	3.3	3.4	2.9	1.5	0.3	0.0	0.0	0.0	435.5	490.0	572.9	712.6	0.0	0.0	16.2	0.7	20.1	0.1
03	59.3	33.1	46.2	4.5	3.3	3.8	26.8	17.3	7.7	0.9	0.0	0.0	299.5	352.0	435.5	583.6	0.0	0.0	24.2	0.2	14.0	0.0
04	69.6	41.6	55.6	2.5	2.5	2.3	113.3	84.4	50.0	15.5	2.4	0.8	95.3	126.4	182.0	297.5	0.0	0.3	29.0	0.0	3.7	0.0
05	76.4	51.3	63.9	3.0	3.7	3.1	288.3	236.2	164.5	71.0	16.6	6.8	14.0	23.9	45.2	106.7	0.0	0.8	30.9	0.0	0.3	0.0
06	82.8	59.5	71.2	2.3	1.7	1.7	484.8	425.3	337.3	198.1	82.3	48.6	0.3	0.8	2.9	13.7	0.0	3.9	30.0	0.0	0.0	0.0
07	86.1	63.5	74.8	1.9	2.0	1.8	613.7	551.7	458.7	303.9	157.1	105.1	0.0	0.0	0.0	0.2	0.0	8.9	31.0	0.0	0.0	0.0
08	84.6	62.3	73.5	2.5	1.9	1.9	571.9	509.9	416.9	263.8	123.6	78.3	0.0	0.0	0.0	2.0	0.0	6.1	31.0	0.0	0.0	0.0
09	79.3	56.3	67.8	2.8	2.6	2.3	385.9	328.1	244.5	124.9	41.7	21.5	1.9	4.2	10.6	41.0	0.0	2.3	30.0	0.0	0.0	0.0
10	70.6	44.2	57.4	2.3	3.1	2.2	136.9	100.9	58.2	18.1	3.7	1.6	62.5	88.5	138.8	253.7	0.0	0.2	30.8	0.0	1.9	0.0
11	60.0	33.8	46.9	4.3	3.1	3.4	23.9	14.3	5.9	0.5	0.0	0.0	266.8	317.3	398.8	543.4	0.0	0.0	25.7	0.0	13.3	0.0
12	51.2	28.3	39.7	4.3	3.8	4.0	5.4	3.1	1.1	0.1	0.0	0.0	478.1	537.8	628.8	782.8	0.0	0.0	17.6	0.5	20.6	0.0
Summary	68.3	43.9	56.1	3.1	2.9	2.8	2656	2274	1745	997	427	263	2225	2572	3139	4216	0.0	22.5	310.6	3.5	97.2	0.2

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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	4.13	9.6	6.4	2.6	1.2	2.53	3.69	4.83	
02	3.15	8.6	6.2	2.3	0.6	1.97	2.84	3.46	
03	4.04	9.8	6.8	2.9	1.2	2.60	3.71	4.99	
04	4.18	10.4	7.2	2.9	1.2	2.83	4.22	5.57	
05	5.00	12.4	8.0	3.7	1.4	2.68	4.88	6.45	
06	5.25	12.5	8.7	3.5	1.6	3.16	5.03	6.48	
07	5.36	13.2	9.1	3.2	1.4	3.54	4.69	6.45	
08	5.18	12.1	8.7	3.6	1.5	3.20	4.80	6.40	
09	5.05	10.1	6.4	3.0	1.7	3.12	4.31	6.69	
10	3.50	8.9	5.6	2.2	1.1	2.03	2.83	5.18	
11	3.36	8.3	5.5	2.1	1.0	1.69	2.89	4.07	
12	4.08	10.0	6.7	2.9	1.3	2.82	3.88	4.91	
Summary	52.28	125.9	85.3	34.9	15.2	32.17	47.77	65.48	

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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	2.00	1.0	0.6	0.3	0.0	0.0	0.9	0.4	0.2	0.0	0.00	0.00	2.00
02	2.10	1.1	0.6	0.3	0.1	0.0	1.4	0.5	0.3	0.0	0.00	0.60	2.60
03	0.50	0.4	0.3	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.00
04	0.10	0.1	0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	1.70	0.5	0.4	0.2	0.1	0.0	1.2	0.6	0.3	0.0	0.00	0.00	2.00
Summary	6.4	3.1	2.0	0.9	0.2	0.0	3.8	1.6	0.8	0.0	0.0	0.6	6.6

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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	70.5	89.4	234.2	471.4	739.3	934.4	1078.6	1036.8	833.8	540.1	236.5	100.0
45	28.9	38.4	134.6	331.8	584.6	784.4	923.7	881.9	683.9	389.4	134.9	44.0
50	8.8	12.3	66.9	208.1	432.0	634.5	768.7	726.9	534.2	250.4	64.1	16.6
55	2.1	2.9	26.8	113.3	288.3	484.8	613.7	571.9	385.9	136.9	23.9	5.4
60	0.2	0.3	7.7	50.0	164.5	337.3	458.7	416.9	244.5	58.2	5.9	1.1
Growing Degree Units for Corn (Monthly)												
50/86	54.8	76.3	167.9	307.3	466.3	622.5	738.5	704.0	539.8	341.7	166.9	72.7

Growing Degree Units (Accumulated Monthly)												
40	70	160	394	866	1605	2539	3618	4655	5488	6028	6265	6365
45	29	67	202	534	1118	1903	2826	3708	4392	4782	4916	4960
50	9	21	88	296	728	1363	2131	2858	3392	3643	3707	3724
55	2	5	32	145	433	918	1532	2104	2490	2627	2651	2656
60	0	0	8	58	223	560	1019	1436	1680	1738	1744	1745
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	55	131	299	606	1073	1695	2434	3138	3677	4019	4186	4259

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