

Summary of Monthly Normals
1991-2020

Generated on 05/22/2024

Current Location: Elev: 24 ft. Lat: 34.4478° N Lon: 77.5739° W

Station: SURF CITY, NC US USC00318380

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	54.8	33.7	44.2	3.4	4.2	3.6	21.8	13.7	5.7	0.7	0.0	0.0	354.8	408.7	493.6	643.7	0.0	0.0	21.3	0.9	17.1	0.0
02	56.7	35.7	46.2	3.7	3.6	3.5	26.2	17.2	7.8	1.2	0.0	0.0	272.5	319.4	394.1	527.5	0.0	0.0	21.3	0.4	14.2	0.0
03	63.3	40.2	51.7	2.8	2.4	2.5	66.8	46.4	23.9	5.4	0.7	0.2	167.4	208.9	279.4	415.9	0.0	0.0	28.9	0.0	9.3	0.0
04	71.6	50.3	60.9	1.3	2.5	1.7	209.7	165.3	107.6	38.8	7.4	3.0	31.3	46.9	79.3	160.3	0.0	0.1	30.0	0.0	1.0	0.0
05	78.3	59.1	68.7	2.3	3.4	2.7	425.2	364.3	276.4	146.9	52.5	27.1	0.5	1.6	6.7	32.2	0.0	0.2	31.0	0.0	0.0	0.0
06	84.2	67.5	75.9	2.5	2.0	2.1	625.4	565.4	475.4	326.8	184.9	133.5	0.0	0.0	0.0	1.3	0.0	5.4	30.0	0.0	0.0	0.0
07	87.5	71.5	79.5	1.6	1.2	1.3	759.3	697.2	604.2	449.3	294.6	233.7	0.0	0.0	0.0	0.0	0.0	8.9	31.0	0.0	0.0	0.0
08	86.7	70.3	78.5	1.5	1.6	1.4	728.4	666.3	573.3	418.4	264.1	203.1	0.0	0.0	0.0	0.0	0.0	6.3	31.0	0.0	0.0	0.0
09	82.1	65.2	73.7	2.3	2.1	2.0	559.4	499.5	410.0	263.6	131.8	87.8	0.1	0.2	0.8	4.2	0.0	2.4	30.0	0.0	0.0	0.0
10	74.4	53.8	64.1	1.8	3.8	2.5	299.0	247.0	177.1	81.3	27.5	15.2	16.9	26.9	50.0	109.2	0.0	0.1	31.0	0.0	0.7	0.0
11	65.8	43.2	54.5	3.1	3.8	3.3	96.0	70.9	40.8	11.0	1.2	0.4	110.9	145.7	205.7	325.9	0.0	0.0	28.7	0.0	6.1	0.0
12	58.6	36.0	47.3	4.2	4.8	4.4	39.6	26.1	12.4	1.7	0.0	0.0	278.2	326.6	405.9	550.3	0.0	0.0	25.5	0.1	12.1	0.0
Summary	72.0	52.2	62.1	2.5	3.0	2.6	3857	3379	2715	1745	965	704	1233	1485	1916	2770	0.0	23.4	339.7	1.4	60.5	0.0

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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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	205.0	207.7	373.6	628.6	889.7	1075.5	1224.3	1193.4	1009.4	747.1	439.8	264.3
45	117.1	121.0	241.5	479.9	734.7	925.4	1069.3	1038.4	859.3	592.4	301.6	161.6
50	57.3	62.9	138.1	336.3	579.7	775.4	914.3	883.4	709.3	441.0	182.2	88.5
55	21.8	26.2	66.8	209.7	425.2	625.4	759.3	728.4	559.4	299.0	96.0	39.6
60	5.7	7.8	23.9	107.6	276.4	475.4	604.2	573.3	410.0	177.1	40.8	12.4
Growing Degree Units for Corn (Monthly)												
50/86	119.5	122.0	223.4	384.5	586.8	760.3	878.8	855.1	704.0	472.6	266.9	160.2

Growing Degree Units (Accumulated Monthly)												
40	205	413	786	1415	2305	3380	4604	5798	6807	7554	7994	8258
45	117	238	480	960	1694	2620	3689	4727	5587	6179	6481	6642
50	57	120	258	595	1174	1950	2864	3747	4457	4898	5080	5168
55	22	48	115	324	750	1375	2134	2863	3422	3721	3817	3857
60	6	14	37	145	421	897	1501	2074	2484	2661	2702	2715
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	120	242	465	849	1436	2196	3075	3930	4634	5107	5374	5534

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.