

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 20 ft. Lat: 33.9947° N Lon: 78.0078° W

Station: **SOUTHPORT 5 N, NC US USC00318113**

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	60.0	35.5	47.8	3.5	4.4	3.8	40.4	27.1	14.0	3.8	0.4	0.1	265.0	313.7	393.7	538.4	0.0	0.0	24.1	0.1	15.4	0.0
02	62.5	37.6	50.1	4.1	3.9	3.8	40.3	26.7	13.0	2.6	0.2	0.0	178.9	221.3	291.6	421.2	0.0	0.0	23.9	0.1	11.9	0.0
03	68.2	42.7	55.5	3.9	4.0	3.8	117.6	87.8	52.3	16.7	2.1	0.4	103.6	135.8	193.3	312.7	0.0	0.0	29.9	0.0	5.9	0.0
04	75.8	50.9	63.3	2.0	2.8	2.1	265.8	216.4	151.6	68.8	19.2	9.5	15.3	25.9	51.0	118.3	0.0	0.1	30.0	0.0	0.7	0.0
05	82.5	60.0	71.2	1.8	3.2	2.4	503.9	442.4	351.5	211.0	98.9	66.0	0.2	0.6	2.8	17.2	0.0	1.3	31.0	0.0	0.0	0.0
06	88.4	69.0	78.7	2.0	2.0	1.7	710.9	650.9	561.0	411.2	264.8	209.3	0.0	0.0	0.0	0.2	0.1	8.4	30.0	0.0	0.0	0.0
07	91.6	72.8	82.2	1.7	1.6	1.4	843.1	781.1	688.1	533.1	378.1	316.2	0.0	0.0	0.0	0.0	0.2	17.4	31.0	0.0	0.0	0.0
08	90.4	71.2	80.8	1.7	1.4	1.4	799.7	737.7	644.8	489.8	335.1	273.9	0.0	0.0	0.0	0.0	0.3	13.3	31.0	0.0	0.0	0.0
09	86.5	66.0	76.3	2.0	2.4	1.9	637.4	577.4	487.5	339.8	198.4	147.9	0.0	0.0	0.1	2.3	0.0	5.4	30.0	0.0	0.0	0.0
10	78.9	54.4	66.6	2.0	3.6	2.6	369.3	312.7	232.2	122.0	47.3	29.3	8.2	13.6	26.0	70.8	0.0	0.1	31.0	0.0	0.3	0.0
11	69.9	44.3	57.1	3.6	3.5	3.4	144.4	112.3	71.6	25.6	5.3	2.3	81.3	109.2	158.6	262.6	0.0	0.0	28.9	0.0	5.1	0.0
12	62.9	38.0	50.5	3.5	4.7	4.0	62.4	45.9	26.5	7.8	1.3	0.5	203.4	248.9	322.5	458.8	0.0	0.0	27.1	0.0	11.6	0.1
Summary	76.5	53.5	65.0	2.6	3.1	2.7	4535	4018	3294	2232	1351	1055	856	1069	1440	2202	0.6	46.0	347.9	0.2	50.9	0.1

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	3.70	8.2	6.0	2.5	1.0	1.74	2.78	5.69	
02	3.32	8.7	6.0	2.2	0.8	1.85	3.12	3.87	
03	4.03	8.0	6.1	2.8	1.2	2.67	3.49	4.43	
04	3.08	6.0	4.2	1.8	0.8	1.21	2.69	4.78	
05	3.44	7.7	5.4	2.3	1.1	1.68	3.09	4.57	
06	4.02	9.0	5.7	3.0	1.1	2.16	3.47	5.17	
07	5.55	10.0	7.4	3.6	2.0	2.71	4.79	7.94	
08	6.77	11.0	8.4	3.6	2.2	4.04	6.11	8.90	
09	8.16	9.8	7.6	3.8	2.3	4.69	6.11	7.83	
10	5.41	7.1	4.9	2.5	1.3	2.46	4.04	6.74	
11	3.42	7.4	4.9	2.2	1.0	1.63	2.92	4.47	
12	3.74	8.6	5.6	2.3	1.0	2.00	3.06	5.23	
Summary	54.64	101.5	72.2	32.6	15.8	28.84	45.67	69.62	

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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	274.8	292.7	482.7	700.5	968.7	1161.0	1308.1	1264.8	1087.4	826.2	514.8	339.6
45	167.5	177.9	338.5	551.1	813.7	1010.9	1153.1	1109.7	937.4	671.2	372.2	216.3
50	89.3	93.9	214.0	404.1	658.7	860.9	998.1	954.7	787.4	517.5	245.8	123.2
55	40.4	40.3	117.6	265.8	503.9	710.9	843.1	799.7	637.4	369.3	144.4	62.4
60	14.0	13.0	52.3	151.6	351.5	561.0	688.1	644.8	487.5	232.2	71.6	26.5
Growing Degree Units for Corn (Monthly)												
50/86	178.5	187.7	308.5	452.1	653.6	808.6	908.5	879.6	754.9	542.0	331.0	219.6

Growing Degree Units (Accumulated Monthly)												
40	275	568	1050	1751	2719	3880	5188	6453	7541	8367	8882	9221
45	168	345	684	1235	2049	3060	4213	5322	6260	6931	7303	7519
50	89	183	397	801	1460	2321	3319	4274	5061	5579	5824	5948
55	40	81	198	464	968	1679	2522	3322	3959	4328	4473	4535
60	14	27	79	231	582	1143	1832	2476	2964	3196	3268	3294
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	178	366	675	1127	1780	2589	3498	4377	5132	5674	6005	6225

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