

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 29 ft. Lat: 34.9000° N Lon: 76.8833° W
Station: **CHERRY POINT MCAS, NC US USW00013754**

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	57.1	36.3	46.7	3.6	3.7	3.5	34.3	22.8	11.3	2.4	0.2	0.0	291.4	342.0	423.5	569.6	0.0	0.0	21.7	0.4	12.6	0.0
02	59.5	38.2	48.9	4.2	3.7	3.8	40.6	28.3	16.0	4.5	0.5	0.0	212.8	256.5	328.1	456.6	0.0	0.0	22.0	0.2	8.7	0.0
03	65.7	43.5	54.6	3.0	3.3	3.0	104.8	77.6	46.2	14.6	2.1	0.4	117.1	152.0	213.6	337.0	0.0	0.0	29.0	0.0	4.4	0.0
04	74.0	52.1	63.0	2.1	2.6	2.2	260.5	212.2	148.5	66.7	19.1	9.9	19.0	30.7	57.0	125.1	0.0	0.1	30.0	0.0	0.3	0.0
05	81.0	60.5	70.8	2.6	3.0	2.6	488.5	427.1	336.7	200.4	94.1	62.5	0.3	0.8	3.5	22.1	0.1	2.1	31.0	0.0	0.0	0.0
06	87.4	68.9	78.2	2.3	1.7	1.8	694.4	634.4	544.5	395.3	249.9	194.7	0.0	0.0	0.0	0.8	0.2	8.4	30.0	0.0	0.0	0.0
07	89.8	72.7	81.3	2.1	1.4	1.7	813.7	751.7	658.7	503.7	348.7	286.8	0.0	0.0	0.0	0.0	0.2	13.2	31.0	0.0	0.0	0.0
08	88.6	71.9	80.2	1.7	1.6	1.6	782.7	720.7	627.7	472.7	317.9	256.3	0.0	0.0	0.0	0.0	0.0	10.5	31.0	0.0	0.0	0.0
09	84.0	67.5	75.8	1.8	2.5	2.0	622.4	562.5	472.7	325.2	186.1	136.7	0.0	0.0	0.3	2.8	0.0	3.3	30.0	0.0	0.0	0.0
10	76.0	55.7	65.9	2.3	3.4	2.4	344.2	288.0	209.9	105.2	39.1	23.3	7.8	13.7	28.5	78.8	0.0	0.4	31.0	0.0	0.1	0.0
11	67.0	45.6	56.3	3.0	3.3	3.0	124.5	94.0	58.4	21.5	3.9	1.4	85.4	115.0	169.3	282.5	0.0	0.0	29.0	0.0	3.1	0.0
12	60.3	39.6	50.0	4.2	4.4	4.2	57.3	40.4	21.5	6.2	1.1	0.4	213.8	258.9	333.1	472.8	0.0	0.0	25.1	0.0	8.4	0.0
Summary	74.2	54.4	64.3	2.7	2.9	2.6	4368	3860	3152	2118	1263	972	948	1170	1557	2348	0.5	38.0	340.8	0.6	37.6	0.0

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	4.07	10.4	6.7	2.8	1.1	2.48	3.51	5.09
02	3.40	10.2	6.5	2.4	0.9	2.18	2.76	4.24
03	3.56	10.5	6.5	2.5	0.9	2.45	2.83	3.96
04	3.52	8.9	5.6	2.3	0.8	1.96	3.53	5.01
05	3.94	9.6	6.1	3.0	1.2	2.48	3.25	4.48
06	4.87	10.8	7.2	2.7	1.5	2.95	4.11	6.55
07	7.38	12.9	8.6	4.5	2.2	6.20	7.23	8.69
08	7.21	13.0	8.6	4.3	2.3	5.26	6.70	9.72
09	8.20	10.5	7.0	4.0	2.0	5.30	7.28	10.24
10	3.81	8.8	5.5	2.3	1.2	2.23	3.41	5.38
11	3.76	8.8	5.4	2.1	1.0	1.63	3.24	5.58
12	3.70	11.1	6.5	2.6	0.9	2.45	3.54	4.46
Summary	57.42	125.5	80.2	35.5	16.0	37.57	51.39	73.40

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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	0.60	0.2	0.2	0.1	0.1	0.0	0.2	0.1	0.1	0.0	0.00	0.00	0.00
02	0.10	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
03	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
04	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
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	0.10	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
Summary	0.8	0.6	0.3	0.1	0.1	0.0	0.4	0.1	0.1	0.0	0.0	0.0	0.0

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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	251.2	267.8	456.4	691.5	953.3	1144.4	1278.7	1247.7	1072.4	801.4	490.5	326.0
45	150.3	162.1	314.3	542.1	798.3	994.4	1123.6	1092.7	922.3	646.4	348.4	204.8
50	79.4	87.9	194.7	395.8	643.3	844.4	968.7	937.7	772.4	492.6	223.5	115.5
55	34.3	40.6	104.8	260.5	488.5	694.4	813.7	782.7	622.4	344.2	124.5	57.3
60	11.3	16.0	46.2	148.5	336.7	544.5	658.7	627.7	472.7	209.9	58.4	21.5
Growing Degree Units for Corn (Monthly)												
50/86	146.5	156.3	269.0	429.6	634.8	800.1	903.2	886.1	754.4	512.1	290.0	186.2

Growing Degree Units (Accumulated Monthly)												
40	251	519	975	1667	2620	3765	5043	6291	7363	8165	8655	8981
45	150	312	627	1169	1967	2962	4085	5178	6100	6746	7095	7300
50	79	167	362	758	1401	2246	3214	4152	4924	5417	5640	5756
55	34	75	180	440	929	1623	2437	3220	3842	4186	4311	4368
60	11	27	74	222	559	1103	1762	2390	2862	3072	3131	3152
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	146	303	572	1001	1636	2436	3340	4226	4980	5492	5782	5968

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