

Summary of Monthly Normals
1991-2020

Generated on 05/22/2024

Current Location: Elev: 13 ft. Lat: 35.9172° N Lon: 75.7000° W
Station: MANTEO AP, NC US USW00013766

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	50.7	35.6	43.1	3.7	3.3	3.4	7.5	3.7	1.0	0.1	0.0	0.0	374.7	432.9	523.1	677.2	0.0	0.0	19.1	1.1	11.4	0.0
02	52.5	37.3	44.9	4.2	3.6	3.7	10.4	5.4	1.9	0.3	0.0	0.0	293.1	344.1	424.7	563.0	0.0	0.0	18.5	0.2	7.5	0.0
03	58.6	42.7	50.6	3.5	3.6	3.5	48.3	31.5	14.9	2.8	0.2	0.0	183.1	228.2	304.7	447.5	0.0	0.0	26.0	0.1	3.0	0.0
04	67.9	51.4	59.6	2.5	2.5	2.4	180.1	139.9	88.9	32.7	7.0	2.8	40.6	60.4	99.5	193.2	0.0	0.0	29.8	0.0	0.1	0.0
05	74.8	60.0	67.4	2.8	3.0	2.8	386.8	328.0	244.7	130.7	51.7	31.6	2.4	5.6	15.3	56.2	0.0	0.7	31.0	0.0	0.0	0.0
06	82.2	68.9	75.5	2.6	1.8	2.1	616.5	556.5	467.1	320.4	183.1	135.4	0.1	0.1	0.6	4.0	0.2	4.0	30.0	0.0	0.0	0.0
07	85.8	73.4	79.6	1.9	1.8	1.7	762.5	700.5	607.5	452.5	297.7	236.5	0.0	0.0	0.0	0.0	0.0	9.4	31.0	0.0	0.0	0.0
08	84.2	72.3	78.2	1.9	1.6	1.7	720.7	658.7	565.7	410.7	256.2	195.5	0.0	0.0	0.0	0.0	0.0	5.4	31.0	0.0	0.0	0.0
09	79.3	68.5	73.9	1.6	2.1	1.7	566.9	506.9	417.2	269.8	135.3	90.0	0.0	0.0	0.3	2.9	0.0	0.9	30.0	0.0	0.0	0.0
10	71.4	58.2	64.8	2.2	2.0	1.9	311.0	255.3	178.0	78.3	23.8	12.7	7.2	13.5	29.3	84.5	0.0	0.1	31.0	0.0	0.0	0.0
11	61.4	47.6	54.5	2.8	3.0	2.8	81.1	55.3	27.7	5.7	0.5	0.1	96.0	130.3	192.7	320.6	0.0	0.0	28.6	0.0	0.9	0.0
12	54.9	40.2	47.5	4.3	4.0	4.0	21.7	13.1	5.2	0.8	0.0	0.0	252.6	306.0	391.2	541.7	0.0	0.0	23.3	0.0	5.0	0.0
Summary	68.6	54.7	61.6	2.8	2.7	2.6	3714	3255	2620	1705	956	705	1250	1521	1981	2891	0.2	20.5	329.3	1.4	27.9	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	3.78	7.6	6.2	3.1	1.4	2.03	3.33	4.98
02	3.16	7.6	5.7	2.3	0.8	2.03	2.91	4.65
03	3.80	8.1	5.7	2.5	0.8	2.69	3.52	4.45
04	2.93	6.8	5.4	2.1	0.7	1.60	2.60	3.51
05	3.52	7.0	5.9	2.3	0.8	2.15	3.17	5.33
06	4.46	7.6	6.5	3.0	1.2	3.29	4.03	5.50
07	5.26	8.9	7.4	3.8	1.6	3.92	5.06	6.15
08	5.64	8.1	6.9	3.8	1.7	3.11	4.82	6.74
09	4.54	6.5	5.5	2.8	1.5	2.87	4.27	6.47
10	3.24	5.8	4.7	1.8	0.9	1.47	2.58	5.03
11	2.88	6.0	4.6	1.9	0.7	1.77	2.39	4.10
12	3.34	6.9	5.7	2.5	0.9	2.71	3.18	3.96
Summary	46.55	86.9	70.2	31.9	13.0	29.64	41.86	60.87

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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	0.70	0.3	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
02	0.40	0.2	0.2	0.1	0.1	0.0	0.0	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	0.00	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	1.1	0.6	0.5	0.3	0.1	0.0	0.0	0.0	0.0	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	166.3	175.0	339.7	589.6	849.4	1066.4	1227.5	1185.7	1016.9	768.8	436.9	255.0
45	82.5	88.7	210.4	441.3	694.4	916.4	1072.5	1030.7	866.9	613.8	295.5	142.1
50	30.6	35.6	112.6	301.3	539.6	766.4	917.5	875.7	716.9	459.8	171.6	63.2
55	7.5	10.4	48.3	180.1	386.8	616.5	762.5	720.7	566.9	311.0	81.1	21.7
60	1.0	1.9	14.9	88.9	244.7	467.1	607.5	565.7	417.2	178.0	27.7	5.2
Growing Degree Units for Corn (Monthly)												
50/86	68.9	75.3	161.0	329.7	541.6	752.8	889.4	858.7	714.8	467.8	207.9	108.6

Growing Degree Units (Accumulated Monthly)												
40	166	341	681	1271	2120	3186	4414	5600	6616	7385	7822	8077
45	82	171	382	823	1517	2434	3506	4537	5404	6018	6313	6455
50	31	66	179	480	1020	1786	2704	3579	4296	4756	4928	4991
55	8	18	66	246	633	1250	2012	2733	3300	3611	3692	3714
60	1	3	18	107	351	818	1426	1992	2409	2587	2615	2620
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	69	144	305	635	1176	1929	2819	3677	4392	4860	5068	5176

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