

**ACON - VA/NC/SC**

The Atlantic Coast Observer Network: Virginia, North Carolina, South Carolina

**STATION SUMMARY OF CLIMATOLOGICAL DATA - MARCH 2020**

OBSERVER: GLENN MARTIN ACON STATION ID: MECHANICVILLE VA  
 (COLUMN S) OBSERVATION TIMES: TEMPS RECORDED AT 1700h PRECIP RECORDED AT 1700h

DENOTATION:	(DATA)	DENOTATION:	(DATA)
A - AVERAGE MAXIMUM TEMPERATURE	66.32	T - TOTAL PRECIPITATION	2.32
B - AVERAGE MINIMUM TEMPERATURE	45.06	T1 - PRECIPITATION DEPARTURE	—
C - AVERAGE TEMPERATURE	55.58	U - MAXIMUM CALENDAR DAY PRECIPITATION	.84
C1 - DEPARTURE OF AVERAGE TEMP	—	U1 - DATE MAX CALENDAR DAY PRECIPITATION	25 <sup>th</sup>
D - MAXIMUM TEMPERATURE	89	V - MAXIMUM 24-HOUR PRECIPITATION	.89
E - DATE(S) OF MAXIMUM TEMPERATURE	20 <sup>th</sup>	V1 - DATE(S) MAX 24-HOUR PRECIPITATION	25 <sup>th</sup> 26 <sup>th</sup>
F - MINIMUM TEMPERATURE	22	W - # DAYS PRECIPITATION $\geq .01"$	8
G - DATE(*9s) OF MINIMUM TEMPERATURE	15 <sup>th</sup>	X - # DAYS PRECIPITATION $\geq 1.00"$	0
H - # DAYS MAXIMUM TEMPERATURE $\geq 90^\circ$	0	Y - YEARLY PRECIPITATION	9.32
I - # DAYS MAXIMUM TEMPERATURE $\leq 32^\circ$	0	Z - MAXIMUM CALENDAR DAY SNOWFALL	0
J - # DAYS MINIMUM TEMPERATURE $\leq 32^\circ$	2	1 - DATE MAXIMUM CALENDAR DAY SNOWFALL	—
K - # DAYS MINIMUM TEMPERATURE $\leq 0^\circ$	0	2 - # DAYS WITH SNOWFALL ( $\geq$ TRACE)	0
K1 - AVERAGE RELATIVE HUMIDITY (%)	46.81%	3 - # DAYS WITH SNOWFALL $\geq 1.00"$	0
L - MAXIMUM WIND GUST (MPH)	16MPH	4 - TOTAL MONTHLY SNOWFALL	0
M - DIRECTION MAXIMUM WIND GUST	—	5 - TOTAL SNOWFALL FOR 2019-2020	1/4"
N - DATE(S) OF MAXIMUM WIND GUST	6 <sup>th</sup>	6 - MAXIMUM BAROMETRIC PRESSURE	30.26
N1 - AVERAGE WIND SPEED (MPH)	7.87MPH	6A - DATE MAXIMUM BAROMETRIC PRESSURE	22 <sup>nd</sup>
N2 - DOMINANT WIND DIRECTION	—	7 - MINIMUM BAROMETRIC PRESSURE	29.43
O - # DAYS - THUNDERSTORM	1	7A - DATE MINIMUM BAROMETRIC PRESSURE	3 <sup>rd</sup>
P - # DAYS - HAIL	0	8 - AVERAGE SEA-LEVEL PRESSURE	29.86
Q - # DAYS - GLAZE	0	CWA - YOUR NWS COUNTY WARNING AREA	AKQ
R - # DAYS - ICE PELLETS (SLEET)	0		
R1 - # DAYS - DENSE FOG ( $\leq 1/4$ MILE)	0		

# WEATHER OBSERVATION DATA

OBSERVER Clay Martin LOCATION Mech VA  
 OBSERVATION TIME 1700 MONTH/YEAR March/2020

date	MAX TEMP.	MIN TEMP.	AVG TEMP.	TOTAL PRECIP.	SNOW FALL	SNOW DEPTH	T-ST	HA	TOR	HUR	SN	SLT	FOG	SW	SL	FL	WD	HDP	DRIZ	RAIN	TROPST	
1	55	33	39	0																		
2	70	37	34	0																		
3	66	43	36	7																	X	
4	67	40	34	0																	X	
5	58	43	51	0																		
6	59	37	49	.23																		
7	55	41	48	0																	X	
8	61	38	45	0																		
9	75	41	38	0																		
10	71	57	64	0																		
11	69	49	59	0																		
12	67	46	55	0																		
13	83	50	67	.21															X		X	
14	65	45	55	0																	X	
15	53	49	49	0																		
16	60	41	51	0																		
17	71	48	59	0																		
18	61	53	56	0																		
19	54	50	52	.23																		
20	89	67	74	0														X		X		
21	74	49	62	.20																	X	
22	58	49	51	0																	X	
23	48	42	45	.76																	X	
24	60	39	50	0																	X	
25	51	45	48	.84																	X	
26	58	42	50	.08														X			X	
27	72	53	63	7																	X	
28	76	56	66	0																	X	
29	80	53	71	0																		
30	77	55	65	0																		
31	58	49	57	.08			X											X		X		

HIGHEST TEMP AND DATE 89 20th  
 LOWEST TEMP AND DATE 22 1st  
 MONTHLY MEAN TEMP 55.58  
 NUMBER OF T-ST DAYS 1

AVG. MO. HIGH 66.37  
 AVG. MO. LOW 45.06  
 GREATEST 24 HR PRECIP./DATE .89 25th/26th  
 GREATEST 24 HR SNOWFALL/DATE 0

MO. TOTAL PRECIP. 2.32  
 MO. TOTAL SNOWFALL 0

t-st = thunderstorm    slt = sleet    hdp = heavy down pour    hur = hurricane    sn = snow    sl = sharp lightning  
 ha = hail    tor = tornado    sw = strong winds    fl = flooding    wd = wind damage    driz = drizzle  
 tropst = tropical storm

Part a

# WEATHER OBSERVATION DATA

OBSERVER Clayton LOCATION Neck, VA.  
 OBSERVATION TIME 10/2 MONTH/YEAR 2020

## Additional Observations Sheet

date	observations	date	observations
1		17	
2	Light rain shower during the day	18	
3	Light rain shower during the day	19	SHOWER AROUND 0300 hr. HEAVY DOWN POUR
4		20	
5		21	SHOWER OVER NIGHT. TURNING COOLER
6	Light showers overnight and a few during the afternoon	22	
7		23	PERIODS OF RAIN DURING THE NIGHT AND INTO THE DAY
8		24	
9		25	RAIN HEAVY AT TIMES OVERNIGHT AND MODERATE TO LIGHT RAIN DURING THE DAY
10		26	HEAVY RAIN DURING THE DAY AT THE END OF THE DAY
11		27	SOME RAIN OR DRIZZLE AFTERNOON
12	SOME DRIZZLE DURING THE MORNING	28	
13	SHOWER DURING EARLY MORNING HR.	29	
14		30	
15		31	RAIN MOVING IN AROUND 1530 hr. SOME THUNDER DURING THE EARLY AFTERNOON HR.
16			

Part b