

ACON - VA/NC/SC

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

STATION SUMMARY OF CLIMATOLOGICAL DATA - September 2020

OBSERVER: Glow Mantii ACON STATION ID: Mechanicsville, VA
 (COLUMN S) OBSERVATION TIMES: TEMPS RECORDED AT 1200h PRECIP RECORDED AT 1200h

DENOTATION:	(DATA)	DENOTATION:	(DATA)
A - AVERAGE MAXIMUM TEMPERATURE	76.57	T - TOTAL PRECIPITATION	5.58
B - AVERAGE MINIMUM TEMPERATURE	62.0	T1 - PRECIPITATION DEPARTURE	—
C - AVERAGE TEMPERATURE	66.96	U - MAXIMUM CALENDAR DAY PRECIPITATION	1.62
C1 - DEPARTURE OF AVERAGE TEMP	—	U1 DATE MAX CALENDAR DAY PRECIPITATION	30 th
D - MAXIMUM TEMPERATURE	92	V - MAXIMUM 24-HOUR PRECIPITATION	1.66"
E - DATE(S) OF MAXIMUM TEMPERATURE	3 rd	V1 - DATE(S) MAX 24-HOUR PRECIPITATION	29 th , 30 th
F - MINIMUM TEMPERATURE	44	W - # DAYS PRECIPITATION >= .01"	12
G - DATE(*9s) OF MINIMUM TEMPERATURE	22 nd	X - # DAYS PRECIPITATION >= 1.00"	2
H - # DAYS MAXIMUM TEMPERATURE >= 90°	1	Y - YEARLY PRECIPITATION	39.23
I - # DAYS MAXIMUM TEMPERATURE <= 32°	0	Z - MAXIMUM CALENDAR DAY SNOWFALL	0
J - # DAYS MINIMUM TEMPERATURE <= 32°	0	1 DATE MAXIMUM CALENDAR DAY SNOWFALL	0
K - # DAYS MINIMUM TEMPERATURE <= 0°	0	2 - # DAYS WITH SNOWFALL (>= TRACE)	0
K1 - AVERAGE RELATIVE HUMIDITY (%)	66.06%	3 - # DAYS WITH SNOWFALL >= 1.00"	0
L - MAXIMUM WIND GUST (MPH)	12 MPH	4 - TOTAL MONTHLY SNOWFALL	0
M - DIRECTION MAXIMUM WIND GUST	—	5 - TOTAL SNOWFALL FOR 2019-2020	0
N - DATE(S) OF MAXIMUM WIND GUST	18 th	6 - MAXIMUM BAROMETRIC PRESSURE	30.33"
N1 - AVERAGE WIND SPEED (MPH)	4.0 MPH	6A - DATE MAXIMUM BAROMETRIC PRESSURE	20 th , 21 st
N2 - DOMINANT WIND DIRECTION	—	7 - MINIMUM BAROMETRIC PRESSURE	29.60
O - # DAYS - THUNDERSTORM	1	7A - DATE MINIMUM BAROMETRIC PRESSURE	29 th
P - # DAYS - HAIL	0	8 - AVERAGE SEA-LEVEL PRESSURE	29.98"
Q - # DAYS - GLAZE	0	CWA - YOUR NWS COUNTY WARNING AREA	AKQ
R - # DAYS - ICE PELLETS (SLEET)	0		
R1 - # DAYS - DENSE FOG (<= 1/4 MILE)	0		

WEATHER OBSERVATION DATA

OBSERVER Clay Martin LOCATION Dech, VA
 OBSERVATION TIME 1900 MONTH/YEAR Sept/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	79	67	74	.26																		
2	88	74	81	.70																		
3	92	72	82	.7																	X	
4	90	72	81	0																	X	
5	90	64	77	.76																		X
6	82	54	67	0																		
7	81	57	67	0																		
8	84	62	73	0																		
9	79	71	74	.24																		
10	86	74	80	.60																		
11	84	72	78	.70			X														X	
12	77	71	74	.7														X			X	
13	82	61	72	0														X		X	X	
14	77	68	73	0															X		X	
15	69	55	62	0																		
16	75	53	64	0																		
17	69	64	67	.50																		
18	74	76	70	1.07																		X
19	62	50	56	0																		X
20	67	48	56	0																		
21	67	45	56	0																		
22	69	44	57	0																		
23	76	44	63	0																		
24	68	56	62	.01																		
25	68	60	64	.08																		X
26	67	61	64	.70																		X
27	75	66	71	0														X		X	X	
28	81	64	73	0																		
29	81	68	75	.04																		
30	67	56	64	1.62																		X
31																		X		X	X	

HIGHEST TEMP AND DATE 92 3RD AVG. MO. HIGH 76.57
 LOWEST TEMP AND DATE 44 2ND AVG. MO. LOW 62.0
 MONTHLY MEAN TEMP 66.96 GREATEST 24 HR PRECIP./DATE 1.62 1/30TH MO. TOTAL PRECIP. 5.58
 NUMBER OF T-ST DAYS 1 GREATEST 24 HR SNOWFALL/DATE 0 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

Part a

WEATHER OBSERVATION DATA

OBSERVER Greg Martin LOCATION Meck, VA
 OBSERVATION TIME 1700h MONTH/YEAR Sept. 2020

Additional Observations Sheet

date	observations	date	observations
1	Rain during the afternoon.	17	Rain from the remnants of SALLY
2	Showers overnight.	18	Rain overnight from remnants of SALLY
3	Trace of rain on the evening of the 2 nd	19	
4	Brief shower around 1930h.	20	
5	Precip from the 4 th	21	
6		22	
7		23	
8		24	Scattered rain from remnants of tropical storm BETA.
9	On and off showers as tropical moisture moves in. High clouds in some counties	25	Showers from remnants of tropical storm BETA
10	Rain heavy at times during early morning hrs. Some thunder. Tropical moisture. Storm due to the lat of station 1800h	26	Rain overnight heavy at times from remnant of BETA.
11	Showers during the afternoon. Brief light shower around 1800h.	27	
12		28	
13		29	Shower overnight
14		30	Rain heavy at times during the evening of the 29 th .
15		31	
16			

Part b