

ACON - VA/NC/SC

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

STATION SUMMARY OF CLIMATOLOGICAL DATA - April 2022

OBSERVER: Glen 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	76.0	T - TOTAL PRECIPITATION	2.20
B - AVERAGE MINIMUM TEMPERATURE	47.0	T1 - PRECIPITATION DEPARTURE	—
C - AVERAGE TEMPERATURE	59.0	U - MAXIMUM CALENDAR DAY PRECIPITATION	1.20
C1 - DEPARTURE OF AVERAGE TEMP	—	U1 DATE MAX CALENDAR DAY PRECIPITATION	18 th
D - MAXIMUM TEMPERATURE	91	V - MAXIMUM 24-HOUR PRECIPITATION	1.24
E - DATE(S) OF MAXIMUM TEMPERATURE	13 th 14 th	V1 - DATE(S) MAX 24-HOUR PRECIPITATION	18 th 19 th
F - MINIMUM TEMPERATURE	32	W - # DAYS PRECIPITATION >= .01"	7
G - DATE(S) OF MINIMUM TEMPERATURE	2 nd	X - # DAYS PRECIPITATION >= 1.00"	1
H - # DAYS MAXIMUM TEMPERATURE >= 90°	2	Y - YEARLY PRECIPITATION	10.58
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 (%)	34.83%	3 - # DAYS WITH SNOWFALL >= 1.00"	0
L - MAXIMUM WIND GUST (MPH)	20MPH	4 - TOTAL MONTHLY SNOWFALL	0
M - DIRECTION MAXIMUM WIND GUST	—	5 - TOTAL SNOWFALL FOR 2021-2022	—
N - DATE(S) OF MAXIMUM WIND GUST	19 th	6 - MAXIMUM BAROMETRIC PRESSURE	30.36
N1 - AVERAGE WIND SPEED (MPH)	9.8MPH	6A - DATE MAXIMUM BAROMETRIC PRESSURE	20 th
N2 - DOMINANT WIND DIRECTION	—	7 - MINIMUM BAROMETRIC PRESSURE	29.42
O - # DAYS - THUNDERSTORM	2	7A - DATE MINIMUM BAROMETRIC PRESSURE	7 th
P - # DAYS - HAIL	0	8 - AVERAGE SEA-LEVEL PRESSURE	29.62
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 Glen Martin LOCATION McChesnutville, VA
 OBSERVATION TIME 1700h MONTH/YEAR April 2022

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	67	53	60	0																		
2	62	50	56	0																		
3	72	48	62	0																		
4	65	33	49	0																		
5	75	48	62	0																		
6	72	59	66	0																		
7	69	52	61	0.42																		
8	68	43	56	0																		
9	61	45	53	0																		
10	63	36	50	0														X				
11	75	34	55	0																		
12	80	33	57	0																		
13	81	61	71	0																		
14	85	68	77	0																		
15	77	46	62	0			X															
16	82	52	67	0.07										X								
17	68	53	61	0																		
18	45	44	44	0																		
19	59	38	44	1.20																		
20	66	33	50	0.04																		
21	71	42	57	0																		
22	82	52	67	0																		
23	85	48	67	0																		
24	91	39	65	0																		
25	83	33	60	0																		
26	82	53	68	0																		
27	70	47	59	0.08			X															
28	67	38	51	0										X								
29	73	36	55	0																		
30	70	42	56	0																		

HIGHEST TEMP AND DATE 91 13th 24th AVG. MO. HIGH 76.0
 LOWEST TEMP AND DATE 32 2nd AVG. MO. LOW 49.0
 MONTHLY MEAN TEMP 59.0 GREATEST 24 HR PRECIP./DATE 1.24/18th/2022 MO. TOTAL PRECIP. 2.30
 NUMBER OF T-ST DAYS 2 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 drtz = drizzle

Part a

WEATHER OBSERVATION DATA

OBSERVER Clay Martin LOCATION Mech VA.
 OBSERVATION TIME 1206 MONTH/YEAR April 2022

Additional Observations Sheet

date	observations	date	observations
1		17	
2		18	RAIN MOVING IN DURING THE AFTERNOON Hrs.
3		19	PRECIP FROM LIGHT SPRINKLING RAIN ACROSS THE
4		20	
5	BRIEF SHOWER AROUND 0630 hr.	21	
6	SHOWER OVERNIGHT	22	
7	SHOWER 9 AM NIGHT, SHOWER MOVING IN DURING THE	23	
8		24	
9		25	
10		26	STRONG T-STORMS MOVING THROUGH AROUND 1615 hr.
11		27	STRONG WIND PRECIP FROM EVENING RAIN ON THE 26th
12		28	
13		29	
14	T-STORM AT 2115 hr. SHARP LIGHTNING	30	
15	PRECIP FROM EVENING THUNDER SHOWER ON THE 14th AROUND	31	
16	20:00 hr.		

Part b