

**ACON - VA/NC/SC**

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

**STATION SUMMARY OF CLIMATOLOGICAL DATA - FEBRUARY 2024**

OBSERVER: Glen Martin ACON STATION ID: Mechanicville VA  
 (COLUMN S) OBSERVATION TIMES: TEMPS RECORDED AT 1700L PRECIP RECORDED AT 1700L

DENOTATION:	(DATA)	DENOTATION:	(DATA)
A - AVERAGE MAXIMUM TEMPERATURE	54.45	T - TOTAL PRECIPITATION	3.49
B - AVERAGE MINIMUM TEMPERATURE	33.52	T1 - PRECIPITATION DEPARTURE	—
C - AVERAGE TEMPERATURE	44.28	U - MAXIMUM CALENDAR DAY PRECIPITATION	1.07
C1 - DEPARTURE OF AVERAGE TEMP	—	U1 DATE MAX CALENDAR DAY PRECIPITATION	28 <sup>th</sup>
D - MAXIMUM TEMPERATURE	67	V - MAXIMUM 24-HOUR PRECIPITATION	1.30
E - DATE(S) OF MAXIMUM TEMPERATURE	27 <sup>th</sup> 28 <sup>th</sup>	V1 - DATE(S) MAX 24-HOUR PRECIPITATION	27 <sup>th</sup> 28 <sup>th</sup>
F - MINIMUM TEMPERATURE	22	W - # DAYS PRECIPITATION >= .01"	9
G - DATE(*9s) OF MINIMUM TEMPERATURE	18 <sup>th</sup>	X - # DAYS PRECIPITATION >= 1.00"	1
H - # DAYS MAXIMUM TEMPERATURE >= 90°	0	Y - YEARLY PRECIPITATION	10.00"
I - # DAYS MAXIMUM TEMPERATURE <= 32°	10	Z - MAXIMUM CALENDAR DAY SNOWFALL	0
J - # DAYS MINIMUM TEMPERATURE <= 32°	16	1 DATE MAXIMUM CALENDAR DAY SNOWFALL	—
K - # DAYS MINIMUM TEMPERATURE <= 0°	0	2 - # DAYS WITH SNOWFALL (>= TRACE)	0
K1 - AVERAGE RELATIVE HUMIDITY (%)	57.38%	3 - # DAYS WITH SNOWFALL >= 1.00"	0
L - MAXIMUM WIND GUST (MPH)	17 MPH	4 - TOTAL MONTHLY SNOWFALL	0
M - DIRECTION MAXIMUM WIND GUST	—	5 - TOTAL SNOWFALL <del>2023-2024</del>	1.00"
N - DATE(S) OF MAXIMUM WIND GUST	28 <sup>th</sup>	6 - MAXIMUM BAROMETRIC PRESSURE	30.25
N1 - AVERAGE WIND SPEED (MPH)	36.48 MPH	6A - DATE MAXIMUM BAROMETRIC PRESSURE	29 <sup>th</sup>
N2 - DOMINANT WIND DIRECTION	—	7 - MINIMUM BAROMETRIC PRESSURE	29.33
O - # DAYS - THUNDERSTORM	2	7A - DATE MINIMUM BAROMETRIC PRESSURE	23 <sup>RD</sup>
P - # DAYS - HAIL	0	8 - AVERAGE SEA-LEVEL PRESSURE	29.85
Q - # DAYS - GLAZE	0	CWA - YOUR NWS COUNTY WARNING AREA	<b>AKQ</b>
R - # DAYS - ICE PELLETS (SLEET)	0		
R1 - # DAYS - DENSE FOG (<= 1/4 MILE)	0		

# WEATHER OBSERVATION DATA

OBSERVER Glen Martin LOCATION Merchantsville, VA  
 OBSERVATION TIME 1:40 PM MONTH YEAR Feb 1984

date	MAX TEMP.	MIN TEMP.	AVG TEMP.	TOTAL PRECIP.	SNOW FALL	SNOW DEPTH	T-ST	HA	TOR	HUR	ISN	BLT	FOG	SW	SL	FL	WD	HDP	DR	FR	IN	TROP	ST
1	55	37	46	0																			
2	55	36	46	0																			
3	50	35	43	0																			
4	50	36	43	0																			
5	50	36	43	0																			
6	50	37	43	0																			
7	50	37	43	0																			
8	50	37	43	0																			
9	50	37	43	0																			
10	50	37	43	0																			
11	50	37	43	0			X																
12	50	37	43	0																			
13	50	37	43	0																			
14	50	37	43	0																			
15	50	37	43	0																			
16	50	37	43	0																			
17	50	37	43	0																			
18	50	37	43	0																			
19	50	37	43	0																			
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26	50	37	43	0																			
27	50	37	43	0																			
28	50	37	43	0																			
29	50	37	43	0																			
30	50	37	43	0																			
31	50	37	43	0																			

HIGHEST TEMP AND DATE 67 / 2/20/84 AVG. MO. HIGH 54.45  
 LOWEST TEMP AND DATE 37 / 1/21/84 AVG. MO. LOW 33.50  
 MONTHLY MEAN TEMP 44.88 GREATEST 24 HR PRECIP / DATE 1.30 / 2/23/84 MO. TOTAL PRECIP. 3.49  
 NUMBER OF T-ST DAYS 2 GREATEST 24 HR SNOWFALL / DATE 0 MO. TOTAL SNOWFALL 0  
 t-st = thunderstorm sit = sleet hdp = heavy down pour hur = hurricane an = snow sl = sharp lightning  
 ha = hail tor = tornado sw = strong winds fi = flooding wd = wind damage drtz = drizzle Part a  
 tropst = tropical storm

# WEATHER OBSERVATION DATA

OBSERVER Stan Martin LOCATION Meach VA  
 OBSERVATION TIME 12/16 MONTH/YEAR 1963

Additional Observations Sheet

date	observations	date	observations
1		17	BRIST LIGHT SHOWER EVERY NIGHT AS FAR AS WE CAN TELL.
2		18	
3		19	
4		20	
5		21	
6		22	
7		23	LIGHT RAIN THROUGH MOST OF THE DAY
8		24	LIGHT RAIN DURING THE AFTERNOON
9		25	PRECIPITATION EVENING AT 11:00.
10	HEAVY DOWN POUR AROUND 1500 hr. SOME THUNDER.	26	BRIST LIGHT RAIN DURING THE AFTERNOON
11	LIGHT TO MODERATE RAIN	27	LIGHT TO MODERATE SHOWERS DURING THE AFTERNOON
12	LIGHT RAIN A DRIZZLE	28	PRECIPITATION FROM EVENING RAIN ON THE 27th AND INTO THE DAY ON THE 28th. HEAVY RAIN LATE AFTERNOON
13	T-SPERM AROUND 0100 hr.	29	PRECIPITATION FROM THE EVENING OF THE 28th
14		30	
15		31	
16			