

**ACON - VA/NC/SC**

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

**STATION SUMMARY OF CLIMATOLOGICAL DATA - JANUARY 2023**

OBSERVER: Glenn 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	54.35	T - TOTAL PRECIPITATION	2.80
B - AVERAGE MINIMUM TEMPERATURE	36.61	T1 - PRECIPITATION DEPARTURE	—
C - AVERAGE TEMPERATURE	66.96	U - MAXIMUM CALENDAR DAY PRECIPITATION	.66
C1 - DEPARTURE OF AVERAGE TEMP	—	U1 DATE MAX CALENDAR DAY PRECIPITATION	8 <sup>th</sup>
D - MAXIMUM TEMPERATURE	70	V - MAXIMUM 24-HOUR PRECIPITATION	.58
E - DATE(S) OF MAXIMUM TEMPERATURE	3 <sup>rd</sup>	V1 - DATE(S) MAX 24-HOUR PRECIPITATION	25 <sup>th</sup> 26 <sup>th</sup>
F - MINIMUM TEMPERATURE	25	W - # DAYS PRECIPITATION $\geq .01"$	10
G - DATE(*9s) OF MINIMUM TEMPERATURE	10 <sup>th</sup> 11 <sup>th</sup>	X - # DAYS PRECIPITATION $\geq 1.00"$	0
H - # DAYS MAXIMUM TEMPERATURE $\geq 90^\circ$	0	Y - YEARLY PRECIPITATION	2.80
I - # DAYS MAXIMUM TEMPERATURE $\leq 32^\circ$	0	Z - MAXIMUM CALENDAR DAY SNOWFALL	T
J - # DAYS MINIMUM TEMPERATURE $\leq 32^\circ$	12	1 DATE MAXIMUM CALENDAR DAY SNOWFALL	14 <sup>th</sup>
K - # DAYS MINIMUM TEMPERATURE $\leq 0^\circ$	0	2 - # DAYS WITH SNOWFALL ( $\geq$ TRACE)	0
K1 - AVERAGE RELATIVE HUMIDITY (%)	57.29%	3 - # DAYS WITH SNOWFALL $\geq 1.00"$	0
L - MAXIMUM WIND GUST (MPH)	14 MPH	4 - TOTAL MONTHLY SNOWFALL	T
M - DIRECTION MAXIMUM WIND GUST	—	5 - TOTAL SNOWFALL FOR 2022-2023	T
N - DATE(S) OF MAXIMUM WIND GUST	14 <sup>th</sup>	6 - MAXIMUM BAROMETRIC PRESSURE	30.17
N1 - AVERAGE WIND SPEED (MPH)	6.53 MPH	6A - DATE MAXIMUM BAROMETRIC PRESSURE	28 <sup>th</sup>
N2 - DOMINANT WIND DIRECTION	—	7 - MINIMUM BAROMETRIC PRESSURE	29.52
O - # DAYS - THUNDERSTORM	1	7A - DATE MINIMUM BAROMETRIC PRESSURE	13 <sup>th</sup>
P - # DAYS - HAIL	0	8 - AVERAGE SEA-LEVEL PRESSURE	28.90
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 Glen Martin LOCATION McDonna, VA  
 OBSERVATION TIME 1700h MONTH/YEAR JAN/2023

date	MAX TEMP.	MIN TEMP.	AVG TEMP.	TOTAL PRECIP.	SNOW FALL	SNOW DEPTH	T-ST	HA	TO	HUR	SN	BLT	FOG	SW	SL	FL	WD	HDP	DRIZ	RAIN	TROP	ST	
1	67	47	57	0																			
2	67	47	57	0																			
3	67	47	57	0																			
4	67	47	57	0																			
5	67	47	57	0																			
6	67	47	57	0																			
7	67	47	57	0																			
8	67	47	57	0																			
9	67	47	57	0																			
10	67	47	57	0																			
11	67	47	57	0																			
12	67	47	57	0																			
13	67	47	57	0																			
14	67	47	57	0																			
15	67	47	57	0																			
16	67	47	57	0																			
17	67	47	57	0																			
18	67	47	57	0																			
19	67	47	57	0																			
20	67	47	57	0																			
21	67	47	57	0																			
22	67	47	57	0																			
23	67	47	57	0																			
24	67	47	57	0																			
25	67	47	57	0																			
26	67	47	57	0																			
27	67	47	57	0																			
28	67	47	57	0																			
29	67	47	57	0																			
30	67	47	57	0																			
31	67	47	57	0																			

HIGHEST TEMP AND DATE 70 3RD  
 LOWEST TEMP AND DATE 65 10th/11th  
 MONTHLY MEAN TEMP 62.96  
 NUMBER OF T-ST DAYS 7

AVG. MO. HIGH 54.35 MO. TOTAL PRECIP. 2.80  
 AVG. MO. LOW 36.67 MO. TOTAL SNOWFALL 7  
 GREATEST 24 HR PRECIP./DATE .66/8th  
 GREATEST 24 HR SNOWFALL/DATE 1.47  
 t-st = thunderstorm sleet = 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



# WEATHER OBSERVATION DATA

OBSERVER Glen Martin LOCATION Meach VA.  
 OBSERVATION TIME 1206 MONTH/YEAR JAN/2023

Additional Observations Sheet

date	observations	date	observations
1		17	Light Rain
2		18	
3		19	
4	T-Storm at 1305 hrs. some sharp lightning	20	
5		21	
6		22	Light during the day
7		23	PRECIP from dawn to night.
8	Light rain starting around 10:00 AM and ending during the late evening hrs.	24	
9		25	Light rain starting during the late morning and ending during the afternoon hrs. Rain ending late evening.
10		26	
11		27	
12	Heavy shower and 18:30 hrs. some early	28	Light rain during mid afternoon
13	PRECIP from rain on the edge of the 12th	29	Light rain
14	on or close by of 12th 12:30 hrs. lightning during the day no thunder	30	
15		31	Light rain
16			

Part b