

**ACON - VA/NC/SC**

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

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

OBSERVER: Glen Martin ACON STATION ID: Mechanicville, VA.  
 (COLUMN 5) OBSERVATION TIMES: TEMPS RECORDED AT 1700h PRECIP RECORDED AT 1700h

DENOTATION:	(DATA)	DENOTATION:	(DATA)
A - AVERAGE MAXIMUM TEMPERATURE	82.43	T - TOTAL PRECIPITATION	7.09
B - AVERAGE MINIMUM TEMPERATURE	60.66	T1 - PRECIPITATION DEPARTURE	—
C - AVERAGE TEMPERATURE	71.83	U - MAXIMUM CALENDAR DAY PRECIPITATION	2.73
C1 - DEPARTURE OF AVERAGE TEMP	—	U1 - DATE MAX CALENDAR DAY PRECIPITATION	23 <sup>RD</sup>
D - MAXIMUM TEMPERATURE	91	V - MAXIMUM 24-HOUR PRECIPITATION	3.07
E - DATE(S) OF MAXIMUM TEMPERATURE	26 <sup>TH</sup>	V1 - DATE(S) MAX 24-HOUR PRECIPITATION	23 <sup>RD</sup> 24 <sup>TH</sup>
F - MINIMUM TEMPERATURE	51	W - # DAYS PRECIPITATION $\geq .01"$	12
G - DATE(*9s) OF MINIMUM TEMPERATURE	5 <sup>TH</sup>	X - # DAYS PRECIPITATION $\geq 1.00"$	2
H - # DAYS MAXIMUM TEMPERATURE $\geq 90^\circ$	1	Y - YEARLY PRECIPITATION	20.23
I - # DAYS MAXIMUM TEMPERATURE $\leq 32^\circ$	0	Z - MAXIMUM CALENDAR DAY SNOWFALL	0
J - # DAYS MINIMUM TEMPERATURE $\leq 32^\circ$	0	1 - DATE MAXIMUM CALENDAR DAY SNOWFALL	0
K - # DAYS MINIMUM TEMPERATURE $\leq 0^\circ$	0	2 - # DAYS WITH SNOWFALL ( $\geq$ TRACE)	0
K1 - AVERAGE RELATIVE HUMIDITY (%)	55.7%	3 - # DAYS WITH SNOWFALL $\geq 1.00"$	0
L - MAXIMUM WIND GUST (MPH)	25 MPH	4 - TOTAL MONTHLY SNOWFALL	0
M - DIRECTION MAXIMUM WIND GUST	—	5 - TOTAL SNOWFALL FOR 2022-2023	0
N - DATE(S) OF MAXIMUM WIND GUST	27 <sup>TH</sup>	6 - MAXIMUM BAROMETRIC PRESSURE	30.17
N1 - AVERAGE WIND SPEED (MPH)	5.67 MPH	6A - DATE MAXIMUM BAROMETRIC PRESSURE	20 <sup>TH</sup>
N2 - DOMINANT WIND DIRECTION	—	7 - MINIMUM BAROMETRIC PRESSURE	29.61
O - # DAYS - THUNDERSTORM	7	7A - DATE MINIMUM BAROMETRIC PRESSURE	7 <sup>TH</sup>
P - # DAYS - HAIL	1	8 - AVERAGE SEA-LEVEL PRESSURE	29.87
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 Myrtle Beach, SC  
 OBSERVATION TIME 1 July MONTH/YEAR July/2023

date	MAX TEMP.	MIN TEMP.	AVG TEMP.	TOTAL PRECIP.	SNOW FALL	SNOW DEPTH	T-ST	HA	TO	HUR	BN	BLT	FOG	SW	SL	FL	WD	HDP	DRZ	RAIN	TROPST
1	100	57	66	0																	
2	100	57	66	0																	
3	86	57	63	0																	
4	71	60	65	0																	
5	60	57	62	0																	
6	60	57	62	0																	
7	60	57	62	0																	
8	75	57	67	0.07																	
9	79	57	70	0																	
10	79	57	70	0																	
11	79	57	70	0																	
12	79	57	70	0																	
13	79	57	70	0																	
14	79	57	70	0																	
15	79	57	70	0																	
16	79	57	70	0																	
17	79	57	70	0																	
18	79	57	70	0																	
19	79	57	70	0																	
20	79	57	70	0																	
21	79	57	70	0																	
22	69	63	66	1.81																	
23	69	63	66	0.34																	
24	69	63	66	2.59																	
25	69	63	66	0.39																	
26	69	63	66	0.16																	
27	69	63	66	1.93																	
28	69	63	66	0.17																	
29	69	63	66	0																	
30	69	63	66	0																	
31	69	63	66	0.58																	

HIGHEST TEMP AND DATE 91 2/7/24 AVG. MO. HIGH 82.43  
 LOWEST TEMP AND DATE 51 3/7/24 AVG. MO. LOW 60.66  
 MONTHLY MEAN TEMP 71.83 GREATEST 24 HR PRECIP/DAY 3.07/2/24 MO. TOTAL PRECIP. 7.09  
 NUMBER OF T-ST DAYS 9 GREATEST 24 HR SNOWFALL/DATE 0 MO. TOTAL SNOWFALL 0  
 t-st = thunderstorm sit = sleet hdp = heavy down pour hur = hurricane sn = snow sl = sharp lightning  
 ha = hail tor = tornado sw = strong winds fl = flooding wd = wind damage drz = drizzle  
 tropst = tropical storm



# WEATHER OBSERVATION DATA

OBSERVER Chad Martin LOCATION Meach W.  
 OBSERVATION TIME 1902 MONTH/YEAR June/2003

Additional Observations Sheet

date	observations	date	observations
1	Some light rain and drizzle.	17	
2		18	
3		19	
4		20	light rain during the afternoon.
5		21	blowing rain during the morning hrs.
6		22	light rain - mostly drizzle; shower at 1630 hrs.
7	shower early morning hrs. T-storm 0 1800 hrs.	23	heavy rain during the afternoon and thunder.
8	T-storm 1230 hrs. Rain heard down pour.	24	heavy shower 1900 hrs. Some thunder.
9		25	shower overnight and brief afternoon shower.
10		26	T-storm during the evening hrs. with sharp gusts and heavy rain.
11		27	brief shower around 1345 hrs. heavy down pour.
12	brief shower during the afternoon.	28	
13	shower during the night.	29	
14		30	
15		31	T-shower 1700 hrs. Heavy down pour.
16	T-storm at 1500 hrs. and at 1655 hrs.		

Part b