

ACON - VA/NC/SC

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

STATION SUMMARY OF CLIMATOLOGICAL DATA - OCTOBER 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	70.96	T - TOTAL PRECIPITATION	1.30
B - AVERAGE MINIMUM TEMPERATURE	51.03	T1 - PRECIPITATION DEPARTURE	—
C - AVERAGE TEMPERATURE	61.25	U - MAXIMUM CALENDAR DAY PRECIPITATION	.42
C1 - DEPARTURE OF AVERAGE TEMP	—	U1 - DATE MAX CALENDAR DAY PRECIPITATION	14th
D - MAXIMUM TEMPERATURE	83	V - MAXIMUM 24-HOUR PRECIPITATION	.58
E - DATE(S) OF MAXIMUM TEMPERATURE	28th, 29th	V1 - DATE(S) MAX 24-HOUR PRECIPITATION	21st, 21st
F - MINIMUM TEMPERATURE	37	W - # DAYS PRECIPITATION $\geq .01"$	5
G - DATE(*96) OF MINIMUM TEMPERATURE	22nd	X - # DAYS PRECIPITATION $\geq 1.00"$	0
H - # DAYS MAXIMUM TEMPERATURE $\geq 90^\circ$	0	Y - YEARLY PRECIPITATION	32.22
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 (%)	55.64%	3 - # DAYS WITH SNOWFALL $\geq 1.00"$	0
L - MAXIMUM WIND GUST (MPH)	10MPH	4 - TOTAL MONTHLY SNOWFALL	0
M - DIRECTION MAXIMUM WIND GUST	—	5 - TOTAL SNOWFALL <u>2023-2024</u>	0
N - DATE(S) OF MAXIMUM WIND GUST	8th	6 - MAXIMUM BAROMETRIC PRESSURE	30.28
N1 - AVERAGE WIND SPEED (MPH)	4.57MPH	6A - DATE MAXIMUM BAROMETRIC PRESSURE	23rd
N2 - DOMINANT WIND DIRECTION	—	7 - MINIMUM BAROMETRIC PRESSURE	29.49
O - # DAYS - THUNDERSTORM	1	7A - DATE MINIMUM BAROMETRIC PRESSURE	20th
P - # DAYS - HAIL	0	8 - AVERAGE SEA-LEVEL PRESSURE	29.45
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 12:00 PM MONTH/YEAR 01/2003

date	MAX TEMP.	MIN TEMP.	AVG TEMP.	TOTAL PRECIP.	SNOW FALL	SNOW DEPTH	T-ST	HA	TOR	HUR	BN	BLT	FOG	SW	SL	FL	WD	HDP	DRIZ	RAIN	TROPST
1	18	5	9	0																	
2	18	5	9	0																	
3	50	38	44	0																	
4	18	35	26	0																	
5	18	35	26	0																	
6	18	35	26	0																	
7	62	49	55	0.07																	
8	66	48	57	0.07																	
9	70	44	57	0																	
10	70	44	57	0																	
11	70	44	57	0																	
12	70	44	57	0																	
13	70	44	57	0																	
14	70	44	57	0																	
15	61	33	47	0.42																	
16	61	33	47	0.05																	
17	62	44	53	0																	
18	62	44	53	0																	
19	62	44	53	0																	
20	70	50	60	1.38																	
21	68	50	59	1.20																	
22	60	37	49	0																	
23	61	38	50	0																	
24	61	38	50	0																	
25	74	43	60	0																	
26	70	50	60	0																	
27	70	50	60	0																	
28	65	39	52	0																	
29	65	39	52	0																	
30	65	39	52	0																	
31	78	60	69	0.17																	

HIGHEST TEMP AND DATE 83 / 28th 2003 AVG. MO. HIGH 70.96 MO. TOTAL PRECIP. 1.30
 LOWEST TEMP AND DATE 27 / 22nd AVG. MO. LOW 37.83 MO. TOTAL SNOWFALL 0
 MONTHLY MEAN TEMP 61.25 GREATEST 24 HR PRECIP / DATE 1.58 / 20th 2003 GREATEST 24 HR SNOWFALL / DATE 0
 NUMBER OF T-ST DAYS 1 hur = hurricane an = snow sl = sharp lightning
 t-st = thunderstorm sleet = sleet hdp = heavy down pour wd = wind damage drz = drizzle Part a
 ha = hail tor = tornado sw = strong winds fl = flooding

WEATHER OBSERVATION DATA

OBSERVER Charles Martin LOCATION Neesh Va.
 OBSERVATION TIME 1906 MONTH/YEAR October/2023

Additional Observations Sheet

date	observations	date	observations
1		17	
2		18	
3		19	
4		20	Light rain around 1:53 pm. T-storm pooling at South end of 115E Dr. Heavy rain precip after 1700 hrs.
5		22	
6		23	
7	Light rain around 07:30 - 10:15 AM.	24	
8		25	
9	Light shower around 1930 hr	26	
10		27	
11		28	
12		29	
13		30	Rain main in prod. 1930 hr.
14	Rain during the day	31	Light rain + drizzle
15	Shower over night		
16			

Part b