

ACON - VA/NC/SC

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

STATION SUMMARY OF CLIMATOLOGICAL DATA - OCTOBER 2024OBSERVER: Glenn MartinACON STATION ID: Mechanicsville VA

(COLUMN 5) OBSERVATION TIMES:

TEMPS RECORDED AT 1700hPRECIP RECORDED AT 1700h

DENOTATION:	(DATA)	DENOTATION:	(DATA)
A - AVERAGE MAXIMUM TEMPERATURE	71.10	T - TOTAL PRECIPITATION	.37
B - AVERAGE MINIMUM TEMPERATURE	49.45	T1 - PRECIPITATION DEPARTURE	—
C - AVERAGE TEMPERATURE	60.45	U - MAXIMUM CALENDAR DAY PRECIPITATION	.31
C1 - DEPARTURE OF AVERAGE TEMP	—	U1 DATE MAX CALENDAR DAY PRECIPITATION	2 ND
D - MAXIMUM TEMPERATURE	79	V - MAXIMUM 24-HOUR PRECIPITATION	.37
E - DATE(S) OF MAXIMUM TEMPERATURE	30 th	V1 - DATE(S) MAX 24-HOUR PRECIPITATION	1 ST , 2 ND
F - MINIMUM TEMPERATURE	36	W - # DAYS PRECIPITATION $\geq .01"$	1
G - DATE(S) OF MINIMUM TEMPERATURE	28 th	X - # DAYS PRECIPITATION $\geq 1.00"$	0
H - # DAYS MAXIMUM TEMPERATURE $\geq 90^\circ$	0	Y - YEARLY PRECIPITATION	46.44
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 (%)	51.83%	3 - # DAYS WITH SNOWFALL $\geq 1.00"$	0
L - MAXIMUM WIND GUST (MPH)	13MPH	4 - TOTAL MONTHLY SNOWFALL	0
M - DIRECTION MAXIMUM WIND GUST	14 th	5 - TOTAL SNOWFALL <u>2023-2024</u>	0
N - DATE(S) OF MAXIMUM WIND GUST	—	6 - MAXIMUM BAROMETRIC PRESSURE	30.30
N1 - AVERAGE WIND SPEED (MPH)	5.21MPH	6A - DATE MAXIMUM BAROMETRIC PRESSURE	18 th
N2 - DOMINANT WIND DIRECTION	—	7 - MINIMUM BAROMETRIC PRESSURE	29.68
O - # DAYS - THUNDERSTORM	0	7A - DATE MINIMUM BAROMETRIC PRESSURE	13 th
P - # DAYS - HAIL	0	8 - AVERAGE SEA-LEVEL PRESSURE	29.91
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 Miller LOCATION Merbanauville, VA
OBSERVATION TIME 1200h MONTH/YEAR OCT/2024

date	MAX TEMP	MIN TEMP	AVG TEMP	TOTAL PRECIP	SNOW FALL	SNOW DEPTH	T-ST	HA	TOR	HUR	BN	SLT	FOG	SM	SL	FL	WD	HDP	DR	IZ	RAIN	TROPST
1	69	66	68	1.06																		
2	71	63	67	1.31																		
3	75	67	70	0																		
4	78	68	73	0																		
5	77	63	70	0																		
6	75	64	69	0																		
7	77	60	69	0																		
8	77	50	64	0																		
9	73	46	60	0																		
10	63	48	56	0																		
11	60	43	53	0																		
12	66	47	57	0																		
13	77	58	65	0																		
14	71	58	65	0																		
15	60	43	51	0																		
16	—	—	—	—																		
17	—	—	—	—																		
18	65	39	52	0																		
19	69	39	54	0																		
20	70	39	55	0																		
21	74	43	59	0																		
22	75	43	59	0																		
23	76	47	62	0																		
24	69	52	61	0																		
25	68	52	60	0																		
26	70	52	61	0																		
27	61	43	52	0																		
28	63	36	50	0																		
29	63	38	51	0																		
30	63	48	56	0																		
31	80	59	69	0																		

HIGHEST TEMP AND DATE 79/30th AVG. MO. HIGH 71.10
 LOWEST TEMP AND DATE 36/28th AVG. MO. LOW 49.45
 MONTHLY MEAN TEMP 60.45 GREATEST 24 HR PRECIP./DATE 37/15th MO. TOTAL PRECIP. 1.37
 NUMBER OF T-ST DAYS 0 GREATEST 24 HR SNOWFALL/DATE 0 MO. TOTAL SNOWFALL 0
 t-st = thunderstorm sft = sleet hdp = heavy down pour hur = hurricane an = snow sl = sharp lightning
 ha = hail tor = tornado sw = strong winds ff = flooding wd = wind damage drz = drizzle
 tropst = tropical storm

Part a

OBSERVER	LOCATION	Date
Clark Martin	Mech Va.	

OBSERVER Charles Martin LOCATION March Va.
OBSERVATION TIME 1200h MONTH/YEAR 0.07/2004

Additional Observations Sheet

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