

ACON - VA/NC/SC

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

STATION SUMMARY OF CLIMATOLOGICAL DATA - December 2023

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	55.35	T - TOTAL PRECIPITATION	9.18
B - AVERAGE MINIMUM TEMPERATURE	34.90	T1 - PRECIPITATION DEPARTURE	—
C - AVERAGE TEMPERATURE	44.35	U - MAXIMUM CALENDAR DAY PRECIPITATION	3.23
C1 - DEPARTURE OF AVERAGE TEMP	—	U1 DATE MAX CALENDAR DAY PRECIPITATION	11 th
D - MAXIMUM TEMPERATURE	67	V - MAXIMUM 24-HOUR PRECIPITATION	3.56
E - DATE(S) OF MAXIMUM TEMPERATURE	3 rd , 29 th	V1 - DATE(S) MAX 24-HOUR PRECIPITATION	10 th , 11 th
F - MINIMUM TEMPERATURE	23	W - # DAYS PRECIPITATION $\geq .01"$	11
G - DATE(*9s) OF MINIMUM TEMPERATURE	20 th	X - # DAYS PRECIPITATION $\geq 1.00"$	3
H - # DAYS MAXIMUM TEMPERATURE $\geq 90^\circ$	0	Y - YEARLY PRECIPITATION	43.94"
I - # DAYS MAXIMUM TEMPERATURE $\leq 32^\circ$	0	Z - MAXIMUM CALENDAR DAY SNOWFALL	.75"
J - # DAYS MINIMUM TEMPERATURE $\leq 32^\circ$	14	1 DATE MAXIMUM CALENDAR DAY SNOWFALL	11 th
K - # DAYS MINIMUM TEMPERATURE $\leq 0^\circ$	0	2 - # DAYS WITH SNOWFALL (\geq TRACE)	1
K1 - AVERAGE RELATIVE HUMIDITY (%)	59.93	3 - # DAYS WITH SNOWFALL $\geq 1.00"$	0
L - MAXIMUM WIND GUST (MPH)	18 MPH	4 - TOTAL MONTHLY SNOWFALL	.75"
M - DIRECTION MAXIMUM WIND GUST	—	5 - TOTAL SNOWFALL <u>2023-2024</u>	.75"
N - DATE(S) OF MAXIMUM WIND GUST	11 th	6 - MAXIMUM BAROMETRIC PRESSURE	30.43
N1 - AVERAGE WIND SPEED (MPH)	5.95 MPH	6A - DATE MAXIMUM BAROMETRIC PRESSURE	14 th
N2 - DOMINANT WIND DIRECTION	—	7 - MINIMUM BAROMETRIC PRESSURE	29.30
O - # DAYS - THUNDERSTORM	1	7A - DATE MINIMUM BAROMETRIC PRESSURE	18 th
P - # DAYS - HAIL	1	8 - AVERAGE SEA-LEVEL PRESSURE	29.89
Q - # DAYS - GLAZE	0	CWA - YOUR NWS COUNTY WARNING AREA	AKQ
R - # DAYS - ICE PELLETS (SLEET)	0	° 29.30 BP WAS FROM N.W. - EAST W.	
R1 - # DAYS - DENSE FOG ($\leq 1/4$ MILE)	2	ON THE 18 th	

WEATHER OBSERVATION DATA

OBSERVER Glenn Miller LOCATION Dr. Davisville, VA.
 OBSERVATION TIME 1200 MONTH/YEAR 11/2/2003

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	DRZ	RAIN	TROPST
1	56	33	44.5	0.13															
2	63	37	50	0.00															
3	67	37	52	0.00															
4	59	30	44.5	0.00															
5	59	30	44.5	0.00															
6	59	30	44.5	0.00															
7	59	30	44.5	0.00															
8	60	30	45	0.00															
9	60	30	45	0.00															
10	60	30	45	0.00															
11	60	30	45	0.00															
12	60	30	45	0.00															
13	60	30	45	0.00															
14	60	30	45	0.00															
15	60	30	45	0.00															
16	60	30	45	0.00															
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25	60	30	45	0.00															
26	60	30	45	0.00															
27	60	30	45	0.00															
28	60	30	45	0.00															
29	60	30	45	0.00															
30	60	30	45	0.00															
31	60	30	45	0.00															

HIGHEST TEMP AND DATE 67/1/30/03 AVG. MO. HIGH 55.35
 LOWEST TEMP AND DATE 33/1/30/03 AVG. MO. LOW 34.90
 MONTHLY MEAN TEMP 47.35 GREATEST 24 HR PRECIP/DATE 3.56/11/2/03 MO. TOTAL PRECIP. 9.18"
 NUMBER OF T-ST DAYS 1 GREATEST 24 HR SNOWFALL/DATE .75/1/03 MO. TOTAL SNOWFALL .75"

t-st = thunderstorm sht = 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

Part a

WEATHER OBSERVATION DATA

OBSERVER Steve Martin LOCATION Wash DC
 OBSERVATION TIME 1200 MONTH Dec YEAR 2023

Additional Observations Sheet

date	observations	date	observations
1	THE RAIN STARTS AT 1830hrs	17	Light moderate rain moving in during the early afternoon from NW - Easter
2	RAIN HEAVY AT FIRST DURING THE MORNING.	18	RAIN ENDING AROUND 0530hrs.
3		19	
4		20	
5		21	
6	COLD LIGHT RAIN DURING THE EARLY MORNING hrs.	22	
7		23	Thick fog last thru night.
8		24	
9		25	
10	THE SHOWERS DURING THE MORNING hrs. HEAVY	26	Light rain during the morning - Rain starting to clear out during the afternoon.
11	RAIN CHANGING TO SHOW DURING EARLY MORNING hrs.	27	Periods of moderate to heavy rain.
12	HEAVY RAIN	28	Light rain over night and some drizzle
13		29	Light rain during the morning - Rain starting to clear out during the afternoon.
14		30	Light rain during the morning - Rain starting to clear out during the afternoon.
15		31	
16			