

ACON - VA/NC/SC

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

STATION SUMMARY OF CLIMATOLOGICAL DATA - JANUARY 2024

OBSERVER: GLENN MARTIN ACON STATION ID: Mechanicville VA.
 (COLUMN 5) OBSERVATION TIMES: TEMPS RECORDED AT 1700L PRECIP RECORDED AT 1700L

DENOTATION:	(DATA)	DENOTATION:	(DATA)
A - AVERAGE MAXIMUM TEMPERATURE	49.71	T - TOTAL PRECIPITATION	6.51
B - AVERAGE MINIMUM TEMPERATURE	34.16	T1 - PRECIPITATION DEPARTURE	—
C - AVERAGE TEMPERATURE	53.03	U - MAXIMUM CALENDAR DAY PRECIPITATION	2.35
C1 - DEPARTURE OF AVERAGE TEMP	—	U1 - DATE MAX CALENDAR DAY PRECIPITATION	10 th
D - MAXIMUM TEMPERATURE	77	V - MAXIMUM 24-HOUR PRECIPITATION	3.00
E - DATE(S) OF MAXIMUM TEMPERATURE	26 th	V1 - DATE(S) MAX 24-HOUR PRECIPITATION	9 th , 10 th
F - MINIMUM TEMPERATURE	13	W - # DAYS PRECIPITATION $\geq .01"$	11
G - DATE(*9s) OF MINIMUM TEMPERATURE	17 th	X - # DAYS PRECIPITATION $\geq 1.00"$	3
H - # DAYS MAXIMUM TEMPERATURE $\geq 90^\circ$	0	Y - YEARLY PRECIPITATION	6.51
I - # DAYS MAXIMUM TEMPERATURE $\leq 32^\circ$	14	Z - MAXIMUM CALENDAR DAY SNOWFALL	1.00"
J - # DAYS MINIMUM TEMPERATURE $\leq 32^\circ$	0	1 - DATE MAXIMUM CALENDAR DAY SNOWFALL	15 th
K - # DAYS MINIMUM TEMPERATURE $\leq 0^\circ$	0	2 - # DAYS WITH SNOWFALL (\geq TRACE)	1
K1 - AVERAGE RELATIVE HUMIDITY (%)	58.84%	3 - # DAYS WITH SNOWFALL $\geq 1.00"$	0
L - MAXIMUM WIND GUST (MPH)	18MPH	4 - TOTAL MONTHLY SNOWFALL	1.00"
M - DIRECTION MAXIMUM WIND GUST	—	5 - TOTAL SNOWFALL <u>2023-2024</u>	1.75"
N - DATE(S) OF MAXIMUM WIND GUST	14 th	6 - MAXIMUM BAROMETRIC PRESSURE	30.35
N1 - AVERAGE WIND SPEED (MPH)	8.9MPH	6A - DATE MAXIMUM BAROMETRIC PRESSURE	22 nd
N2 - DOMINANT WIND DIRECTION	—	7 - MINIMUM BAROMETRIC PRESSURE	29.08
O - # DAYS - THUNDERSTORM	0	7A - DATE MINIMUM BAROMETRIC PRESSURE	9 th
P - # DAYS - HAIL	0	8 - AVERAGE SEA-LEVEL PRESSURE	29.84
Q - # DAYS - GLAZE	0	CWA - YOUR NWS COUNTY WARNING AREA	AKQ
R - # DAYS - ICE PELLETS (SLEET)	1	29.08 BP was from Near-Eastern	
R1 - # DAYS - DENSE FOG ($\leq 1/4$ MILE)	0	that went thru on the 9 th	

WEATHER OBSERVATION DATA

OBSERVER Glen Martin LOCATION Metairie, LA
 OBSERVATION TIME 12:00 MONTH/YEAR JANUARY 2024

date	MAX TEMP.	MIN TEMP.	AVG TEMP.	TOTAL PRECIP.	SNOW FALL	SNOW DEPTH	T-ST	HA	TOR	HUR	BN	SIT	FOG	SW	SL	FL	WD	HDP	DR	IZ	RAIN	TROP	ST
1	47	33	40	0.0																	X		
2	47	33	40	0.0																	X		
3	47	33	40	0.0																	X		
4	47	33	40	0.0																	X		
5	47	33	40	0.0																	X		
6	47	33	40	0.0																	X		
7	47	33	40	0.0																	X		
8	47	33	40	0.0																	X		
9	47	33	40	0.0																	X		
10	47	33	40	0.0																	X		
11	47	33	40	0.0																	X		
12	47	33	40	0.0																	X		
13	47	33	40	0.0																	X		
14	47	33	40	0.0																	X		
15	47	33	40	0.0																	X		
16	47	33	40	0.0																	X		
17	47	33	40	0.0																	X		
18	47	33	40	0.0																	X		
19	47	33	40	0.0																	X		
20	47	33	40	0.0																	X		
21	47	33	40	0.0																	X		
22	47	33	40	0.0																	X		
23	47	33	40	0.0																	X		
24	47	33	40	0.0																	X		
25	47	33	40	0.0																	X		
26	47	33	40	0.0																	X		
27	47	33	40	0.0																	X		
28	47	33	40	0.0																	X		
29	47	33	40	0.0																	X		
30	47	33	40	0.0																	X		
31	47	33	40	0.0																	X		

HIGHEST TEMP AND DATE 77/367 AVG. MO. HIGH 49.71
 LOWEST TEMP AND DATE 13/177 AVG. MO. LOW 34.76
 MONTHLY MEAN TEMP 53.03 GREATEST 24 HR PRECIP./DATE 3.00/19/2024 MO. TOTAL PRECIP. 6.51
 NUMBER OF T-ST DAYS 0 GREATEST 24 HR SNOWFALL/DATE 1.00/15/24 MO. TOTAL SNOWFALL 1.00"

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

WEATHER OBSERVATION DATA

OBSERVER Clayton LOCATION Meach VA
 OBSERVATION TIME 19th MONTH/YEAR JANUARY/2024

Additional Observations Sheet

date	observations	date	observations
1	Light Rain during the afternoon	17	
2		18	
3		19	RAIN MIXED WITH SOME SNOW AND A FEW LIGHT SNOW FLURRIES during the afternoon.
4	Light shower during the morning	20	
5		21	
6	Light to moderate rain during the day	22	
7		23	Light rain shower during the afternoon.
8		24	
9	Rain heavy at times during the day from mid-morning	25	Period of light rain during the day. Some suns like clouds in afternoon.
10	Rain heavy at times during the day with the 9:30 ending of morning.	26	Shower overnight.
11		27	
12		28	SHOWERS overnight. Heavy at times. Showers during the evening
13	SHOWERS overnight with some heavy down pour into the early AM hours.	29	
14		30	
15	FREEZE STARTING AS RAIN. SLEET MIX TURNING TO ALL SNOW IN THE AFTERNOON.	31	
16	SOME LIGHT SNOW OVER NIGHT. SOME FREEZING AND RAIN during the afternoon		