

ACON - VA/NC/SC

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

STATION SUMMARY OF CLIMATOLOGICAL DATA - MARCH 2024

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

DENOTATION:	(DATA)	DENOTATION:	(DATA)
A - AVERAGE MAXIMUM TEMPERATURE	64.12	T - TOTAL PRECIPITATION	7.45
B - AVERAGE MINIMUM TEMPERATURE	40.48	T1 - PRECIPITATION DEPARTURE	—
C - AVERAGE TEMPERATURE	52.61	U - MAXIMUM CALENDAR DAY PRECIPITATION	1.90
C1 - DEPARTURE OF AVERAGE TEMP	—	U1 DATE MAX CALENDAR DAY PRECIPITATION	23 RD
D - MAXIMUM TEMPERATURE	81	V - MAXIMUM 24-HOUR PRECIPITATION	1.90
E - DATE(S) OF MAXIMUM TEMPERATURE	14 TH	V1 - DATE(S) MAX 24-HOUR PRECIPITATION	23 RD
F - MINIMUM TEMPERATURE	28	W - # DAYS PRECIPITATION $\geq .01"$	11
G - DATE(*9S) OF MINIMUM TEMPERATURE	15 TH	X - # DAYS PRECIPITATION $\geq 1.00"$	2
H - # DAYS MAXIMUM TEMPERATURE $\geq 90^\circ$	0	Y - YEARLY PRECIPITATION	17.45
I - # DAYS MAXIMUM TEMPERATURE $\leq 32^\circ$	0	Z - MAXIMUM CALENDAR DAY SNOWFALL	0
J - # DAYS MINIMUM TEMPERATURE $\leq 32^\circ$	5	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 (%)	74.06%	3 - # DAYS WITH SNOWFALL $\geq 1.00"$	0
L - MAXIMUM WIND GUST (MPH)	26 MPH	4 - TOTAL MONTHLY SNOWFALL	0
M - DIRECTION MAXIMUM WIND GUST	—	5 - TOTAL SNOWFALL <u>2023-2024</u>	1.00"
N - DATE(S) OF MAXIMUM WIND GUST	10 TH	6 - MAXIMUM BAROMETRIC PRESSURE	30.35
N1 - AVERAGE WIND SPEED (MPH)	9.35 MPH	6A - DATE MAXIMUM BAROMETRIC PRESSURE	15 TH
N2 - DOMINANT WIND DIRECTION	—	7 - MINIMUM BAROMETRIC PRESSURE	29.50
O - # DAYS - THUNDERSTORM	1	7A - DATE MINIMUM BAROMETRIC PRESSURE	17 TH
P - # DAYS - HAIL	0	8 - AVERAGE SEA-LEVEL PRESSURE	29.86
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 Clayton LOCATION Meacham
 OBSERVATION TIME 12/14 MONTH/YEAR 1983/2024

Additional Observations Sheet

date	observations	date	observations
1		17	
2	RAIN OVERNIGHT ENDING AROUND 0945 hrs.	18	
3		19	
4	RAIN MOVING DURING THE AFTERNOON	20	
5	RAIN OVERNIGHT	21	
6	PERIODS OF RAIN DURING THE DAY.	22	
7	RAIN FROM THE EVENING OF 6 th	23	RAIN OVERNIGHT WITH SOME HEAVY CLAPNETS.
8		24	
9	LIGHT TO MODERATE RAIN	25	
10	RAIN ENDING OVERNIGHT. BUSTY WINDS. SOME SMALL TREE BRANCHES CHANGE.	26	
11		27	T-Storm around noon. T-Storm at 2130 hrs.
12		28	RAIN OVERNIGHT HEAVY AT TIMES.
13		29	
14		30	
15	Light rain starting around 1700 hrs.	31	SHOWERS STARTING DURING THE AFTERNOON.
16			

WEATHER OBSERVATION DATA

OBSERVER Glen Porter LOCATION Dechauxville, VA.
 OBSERVATION TIME 1700h MONTH/YEAR 11/2012

date	MAX TEMP	MIN TEMP	AVG TEMP	TOTAL PRECIP.	SNOW FALL	SNOW DEPTH	T-ST	H	A	T	HUR	SN	BLT	FOG	SM	SL	FL	WD	HDP	DRIZ	RAIN	TROPST	
1																							
2	56	33	45	0																			
3	59	35	47	1.50																			
4	62	37	50	0.03																			
5	65	39	52	0.06																			
6	67	41	54	0.09																			
7	68	42	55	0.07																			
8	69	43	56	0.05																			
9	70	44	57	0.04																			
10	71	45	58	0.03																			
11	72	46	59	0.02																			
12	73	47	60	0.01																			
13	74	48	61	0.01																			
14	75	49	62	0.01																			
15	76	50	63	0.01																			
16	77	51	64	0.01																			
17	78	52	65	0.01																			
18	79	53	66	0.01																			
19	80	54	67	0.01																			
20	81	55	68	0.01																			
21	82	56	69	0.01																			
22	83	57	70	0.01																			
23	84	58	71	0.01																			
24	85	59	72	0.01																			
25	86	60	73	0.01																			
26	87	61	74	0.01																			
27	88	62	75	0.01																			
28	89	63	76	0.01																			
29	90	64	77	0.01																			
30	91	65	78	0.01																			
31	92	66	79	0.01																			

HIGHEST TEMP AND DATE 81 / 14th
 LOWEST TEMP AND DATE 33 / 2nd
 MONTHLY MEAN TEMP 58.7
 NUMBER OF T-ST DAYS 1
 AVG. MO. HIGH 64.7
 AVG. MO. LOW 40.4
 GREATEST 24 HR PRECIP./DATE 1.9 / 23rd
 GREATEST 24 HR SNOWFALL/DATE 0
 MO. TOTAL PRECIP. 7.45
 MO. TOTAL SNOWFALL 0
 t-st = thunderstorm sleet hdp = heavy down pour hur = hurricane an = snow sl = sharp lightning
 ha = hail tor = tornado sw = strong winds fl = flooding wd = wind damage driz = drizzle
 tropst = tropical storm