

ACON - VA/NC/SC

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

STATION SUMMARY OF CLIMATOLOGICAL DATA - September 2024

 OBSERVER: GLENN 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	77.0	T - TOTAL PRECIPITATION	3.51
B - AVERAGE MINIMUM TEMPERATURE	62.16	T1 - PRECIPITATION DEPARTURE	—
C - AVERAGE TEMPERATURE	69.66	U - MAXIMUM CALENDAR DAY PRECIPITATION	1.00
C1 - DEPARTURE OF AVERAGE TEMP	—	U1 DATE MAX CALENDAR DAY PRECIPITATION	18th
D - MAXIMUM TEMPERATURE	86	V - MAXIMUM 24-HOUR PRECIPITATION	1.38
E - DATE(S) OF MAXIMUM TEMPERATURE	1st	V1 - DATE(S) MAX 24-HOUR PRECIPITATION	17th, 18th
F - MINIMUM TEMPERATURE	49	W - # DAYS PRECIPITATION $\geq .01"$	12
G - DATE(*9s) OF MINIMUM TEMPERATURE	9th	X - # DAYS PRECIPITATION $\geq 1.00"$	0
H - # DAYS MAXIMUM TEMPERATURE $\geq 90^\circ$	0	Y - YEARLY PRECIPITATION	46.07
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 (%)	69.0%	3 - # DAYS WITH SNOWFALL $\geq 1.00"$	0
L - MAXIMUM WIND GUST (MPH)	12 MPH	4 - TOTAL MONTHLY SNOWFALL	0
M - DIRECTION MAXIMUM WIND GUST	—	5 - TOTAL SNOWFAL	0
N - DATE(S) OF MAXIMUM WIND GUST	7th	6 - MAXIMUM BAROMETRIC PRESSURE	30.17
N1 - AVERAGE WIND SPEED (MPH)	5.47 MPH	6A - DATE MAXIMUM BAROMETRIC PRESSURE	4th
N2 - DOMINANT WIND DIRECTION	—	7 - MINIMUM BAROMETRIC PRESSURE	29.63
O - # DAYS - THUNDERSTORM	3	7A - DATE MINIMUM BAROMETRIC PRESSURE	27th
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)	0		
R1 - # DAYS - DENSE FOG ($\leq 1/4$ MILE)	2		

WEATHER OBSERVATION DATA

OBSERVER Glen Martin LOCATION Merchandise, VA.
OBSERVATION TIME 1200h MONTH/YEAR SEPT/2024

date	MAX TEMP.	MIN TEMP.	AVG TEMP.	TOTAL PRECIP.	SNOW FALL	SNOW DEPTH	T-ST	HA	TOR	HUR	SN	BLT	FOG	SW	SL	FL	WD	HDP	DRIZ	RAIN	TROP	ST
1	86	71	78	0			X											X				
2	86	71	78	0																		
3	86	71	78	0																		
4	86	71	78	0																		
5	86	71	78	0																		
6	86	71	78	0																		
7	86	71	78	0																		
8	86	71	78	0																		
9	86	71	78	0																		
10	86	71	78	0																		
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26	86	71	78	0																		
27	86	71	78	0																		
28	86	71	78	0																		
29	86	71	78	0																		
30	86	71	78	0																		
31	86	71	78	0																		

HIGHEST TEMP AND DATE 86/15 AVG. MO. HIGH 77.0
 LOWEST TEMP AND DATE 71/15 AVG. MO. LOW 65.6
 MONTHLY MEAN TEMP 76.6 GREATEST 24 HR PRECIP./DATE 7.0/15 MO. TOTAL PRECIP. 3.51
 NUMBER OF T-ST DAYS 3 GREATEST 24 HR SNOWFALL/DATE 0 MO. TOTAL SNOWFALL 0
 t-st = thunderstorm sft = sleet hdp = heavy down pour hur = hurricane sn = snow sl = sharp lightning
 ha = hail tor = tornado sw = strong winds fl = flooding wd = wind damage driz = drizzle
 tropst = tropical storm

WEATHER OBSERVATION DATA

OBSERVER Clayton LOCATION March 18
OBSERVATION TIME 1900 MONTH/YEAR Sept 2024

Additional Observations Sheet

date	observations	date	observations
1	T-Storm 2040 hr.	17	PERIOD OF LIGHT TO MODERATE RAIN FROM 0600 TO 0800. STORM
2	PERIOD FROM EVENING T-Storm ON THE 1ST AT 2040 hr.	18	PERIOD OF RAIN FROM 0600 TO 0800. RAIN HEAVY AT TIME
3		19	PERIOD OF RAIN FROM 0600 TO 0800. THUNDER
4		20	PERIOD OF RAIN FROM 0600 TO 0800. THUNDER
5		21	T-Storm AT 2040 hr.
6		22	Light showers during the afternoon.
7	TRACE OF RAIN DURING THE DAY.	23	
8		24	ON AND OFF LIGHT RAIN
9		25	PERIOD OF RAIN FROM 0600 TO 0800. RAIN HEAVY AT TIME
10		26	PERIOD OF RAIN FROM 0600 TO 0800. THUNDER
11		27	PERIOD OF RAIN FROM 0600 TO 0800. THUNDER
12		28	PERIOD OF RAIN FROM 0600 TO 0800. THUNDER
13		29	
14		30	PERIOD OF RAIN FROM 0600 TO 0800. THUNDER
15		31	
16	SHOWER AT 1700 hr.		

Part b