

ACON - VA/NC/SC

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

STATION SUMMARY OF CLIMATOLOGICAL DATA - November 2021OBSERVER: Glenn Martin ACON STATION ID: Mechanicville VA.
(COLUMN S) OBSERVATION TIMES: TEMPS RECORDED AT 1700h PRECIP RECORDED AT 1700h

DENOTATION:	(DATA)	DENOTATION:	(DATA)
A - AVERAGE MAXIMUM TEMPERATURE	58.26	T - TOTAL PRECIPITATION	.56
B - AVERAGE MINIMUM TEMPERATURE	38.0	T1 - PRECIPITATION DEPARTURE	—
C - AVERAGE TEMPERATURE	48.13	U - MAXIMUM CALENDAR DAY PRECIPITATION	.16
C1 - DEPARTURE OF AVERAGE TEMP	—	U1 DATE MAX CALENDAR DAY PRECIPITATION	26 th
D - MAXIMUM TEMPERATURE	78	V - MAXIMUM 24-HOUR PRECIPITATION	.16
E - DATE(S) OF MAXIMUM TEMPERATURE	18 th	V1 - DATE(S) MAX 24-HOUR PRECIPITATION	26 th
F - MINIMUM TEMPERATURE	24	W - # DAYS PRECIPITATION $\geq .01"$	6
G - DATE(*9s) OF MINIMUM TEMPERATURE	24 th	X - # DAYS PRECIPITATION $\geq 1.00"$	0
H - # DAYS MAXIMUM TEMPERATURE $\geq 90^\circ$	0	Y - YEARLY PRECIPITATION	36.56
I - # DAYS MAXIMUM TEMPERATURE $\leq 32^\circ$	0	Z - MAXIMUM CALENDAR DAY SNOWFALL	0
J - # DAYS MINIMUM TEMPERATURE $\leq 32^\circ$	7	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 (%)	46.0%	3 - # DAYS WITH SNOWFALL $\geq 1.00"$	0
L - MAXIMUM WIND GUST (MPH)	20 MPH	4 - TOTAL MONTHLY SNOWFALL	0
M - DIRECTION MAXIMUM WIND GUST	—	5 - TOTAL SNOWFALL FOR <u>2021-2022</u>	0
N - DATE(S) OF MAXIMUM WIND GUST	24 th	6 - MAXIMUM BAROMETRIC PRESSURE	30.34
N1 - AVERAGE WIND SPEED (MPH)	7.26 MPH	6A - DATE MAXIMUM BAROMETRIC PRESSURE	20 th
N2 - DOMINANT WIND DIRECTION	—	7 - MINIMUM BAROMETRIC PRESSURE	29.65
O - # DAYS - THUNDERSTORM	0	7A - DATE MINIMUM BAROMETRIC PRESSURE	28 th
P - # DAYS - HAIL	0	8 - AVERAGE SEA-LEVEL PRESSURE	30.03
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 Martin LOCATION McHenryville, VA.
OBSERVATION TIME 1700h MONTH/YEAR Nov/2021

date	MAX TEMP.	MIN TEMP.	AVG TEMP.	TOTAL PRECIP.	SNOW FALL	SNOW DEPTH	T-ST	HA	TOR	HUR	SN	SLT	FOG	SW	SL	FL	WD	HDP	DRIZ	RAIN	TROPST
1	64	45	55	0																	
2	53	45	49	0.5																	
3	52	37	45	0.5																	
4	58	39	46	0																X	
5	53	33	43	0																	
6	53	33	43	0																	
7	52	44	50	0																	
8	67	41	54	0																	
9	73	40	57	0																	
10	71	45	58	0																	
11	69	45	57	0																	
12	69	60	65	0																	
13	62	41	52	0																	
14	53	30	42	0																X	
15	53	41	47	0																	
16	58	33	46	0																	
17	71	38	55	0																	
18	78	49	64	0																	
19	58	36	44	0																	
20	51	30	40	0																	
21	59	33	46	0																X	
22	53	50	52	0																	
23	46	30	35	0																	
24	49	24	37	0																X	
25	61	31	46	0																X	
26	54	35	50	0																	
27	46	26	36	0																	
28	62	36	49	0																X	
29	49	34	42	0																	
30	59	28	44	0																	
31																					

HIGHEST TEMP AND DATE 78 18th
LOWEST TEMP AND DATE 24 24th
MONTHLY MEAN TEMP 48.13
NUMBER OF T-ST DAYS 0

AVG. MO. HIGH 58.26
AVG. MO. LOW 38.0

GREATEST 24 HR PRECIP/DATE .16 / 26th

GREATEST 24 HR SNOWFALL/DATE 0

MO. TOTAL PRECIP. .56

MO. TOTAL SNOWFALL 0

t-st = thunderstorm slt = 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

Part a

WEATHER OBSERVATION DATA

OBSERVER Glenn Martin LOCATION Mech. V.A.
OBSERVATION TIME 1206 MONTH/YEAR Nov/2021

Additional Observations Sheet

date	observations	date	observations
1		17	
2	Rain during the day	18	
3		19	Shower during the evening of 18 th
4		20	
5		21	
6		22	Light Rain during the morning hr.
7		23	SOME Light Rain during the even of 22 nd . TRACE
8		24	FROST
9		25	FROST
10		26	Shower during the morning.
11		27	FROST
12	Shower Early AM	28	
13		29	
14		30	
15		31	
16			

Part b