

**ACON - VA/NC/SC**

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

**STATION SUMMARY OF CLIMATOLOGICAL DATA - JUNE 2022**

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	88.4	T - TOTAL PRECIPITATION	3.33
B - AVERAGE MINIMUM TEMPERATURE	62.1	T1 - PRECIPITATION DEPARTURE	—
C - AVERAGE TEMPERATURE	76.43	U - MAXIMUM CALENDAR DAY PRECIPITATION	1.55
C1 - DEPARTURE OF AVERAGE TEMP	—	U1 DATE MAX CALENDAR DAY PRECIPITATION	23RD
D - MAXIMUM TEMPERATURE	100	V - MAXIMUM 24-HOUR PRECIPITATION	1.78
E - DATE(S) OF MAXIMUM TEMPERATURE	17th	V1 - DATE(S) MAX 24-HOUR PRECIPITATION	27th, 28th
F - MINIMUM TEMPERATURE	53	W - # DAYS PRECIPITATION $\geq .01"$	8
G - DATE(*9s) OF MINIMUM TEMPERATURE	6th	X - # DAYS PRECIPITATION $\geq 1.00"$	1
H - # DAYS MAXIMUM TEMPERATURE $\geq 90^\circ$	10	Y - YEARLY PRECIPITATION	18.12"
I - # DAYS MAXIMUM TEMPERATURE $\leq 32^\circ$	0	Z - MAXIMUM CALENDAR DAY SNOWFALL	—
J - # DAYS MINIMUM TEMPERATURE $\leq 32^\circ$	0	1 DATE MAXIMUM CALENDAR DAY SNOWFALL	—
K - # DAYS MINIMUM TEMPERATURE $\leq 0^\circ$	0	2 - # DAYS WITH SNOWFALL ( $\geq$ TRACE)	—
K1 - AVERAGE RELATIVE HUMIDITY (%)	48.0%	3 - # DAYS WITH SNOWFALL $\geq 1.00"$	—
L - MAXIMUM WIND GUST (MPH)	22 MPH	4 - TOTAL MONTHLY SNOWFALL	—
M - DIRECTION MAXIMUM WIND GUST	—	5 - TOTAL SNOWFALL FOR 2021-2022	—
N - DATE(S) OF MAXIMUM WIND GUST	17th	6 - MAXIMUM BAROMETRIC PRESSURE	30.13
N1 - AVERAGE WIND SPEED (MPH)	5.88 MPH	6A - DATE MAXIMUM BAROMETRIC PRESSURE	20th, 27, 28, 29th
N2 - DOMINANT WIND DIRECTION	—	7 - MINIMUM BAROMETRIC PRESSURE	29.57
O - # DAYS - THUNDERSTORM	8	7A - DATE MINIMUM BAROMETRIC PRESSURE	2nd
P - # DAYS - HAIL	0	8 - AVERAGE SEA-LEVEL PRESSURE	29.90
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 Minter LOCATION Mechanicsville, VA  
 OBSERVATION TIME 1700hr MONTH/YEAR JUNE/2022

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	98	69	84	0																	
2	99	70	85	0																	
3	83	68	76	.13			X														
4	89	59	72	0																	
5	86	57	71	0																	X
6	87	53	70	0																	
7	87	60	75	0																	
8	97	69	83	0																	
9	90	71	81	0			X														
10	87	57	72	0																	
11	92	61	72	0																	
12	87	65	73	.25																	X
13	95	70	83	.60			X														
14	99	74	87	0														X			X
15	92	67	80	0														X			X
16	90	70	80	0																	
17	100	77	86	.62			X														X
18	92	67	75	0																	
19	83	56	70	0										X				X			X
20	87	55	70	0														X			X
21	87	59	73	0																	
22	91	65	78	.23																	
23	91	68	79	1.03			X														
24	86	67	74	0																	
25	92	62	74	0														X			X
26	88	73	80	.46														X			X
27	85	59	72	0			X														
28	87	57	72	0										X							
29	92	60	76	0																	X
30	92	68	80	0																	

HIGHEST TEMP AND DATE 100 17th  
 LOWEST TEMP AND DATE 53 6th  
 MONTHLY MEAN TEMP 76.43  
 NUMBER OF T-ST DAYS 8

AVG. MO. HIGH 88.4  
 AVG. MO. LOW 62.1

GREATEST 24 HR PRECIP./DATE 1.78 17th

GREATEST 24 HR SNOWFALL/DATE 0

MO. TOTAL PRECIP. 3.33

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

Part a



# WEATHER OBSERVATION DATA

OBSERVER Claw Martin LOCATION Mech VA.  
 OBSERVATION TIME 1706 MONTH/YEAR JUNE/2000

## Additional Observations Sheet

date	observations	date	observations
1		17	SPRUE T-STORM AROUND 1830 hr.
2	T-STORM AT 1812 hr.	18	
3	PRECIP FROM T-STORMS ON THE 2ND	19	
4		20	
5		21	
6		22	SPRUE T-STORM AT 1520 hr. STRONG WINDS.
7		23	PRECIP FROM NIGHT; T-STORMS ON THE 22ND
8	T-STORM AROUND 2145 hr.	24	
9	PRECIP FROM EVENING T-STORMS ON THE 8 <sup>th</sup>	25	
10		26	
11	T-STORMS AT 1430 hr AND 1300 hr. HEAVY DOWN POUR	27	
12	T-STORMS AT 1115 AM WITH HEAVY DOWN POUR AND STRONG LIGHTNING.	28	
13		29	
14	BRIEF LIGHT SHOWER AROUND 10 AM	30	TRACE OF RAIN DURING THE AFTERNOON
15		31	
16	T-STORM DURING THE EVENING hr.		

Part b