

ACON - VA/NC/SC

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

STATION SUMMARY OF CLIMATOLOGICAL DATA - JUNE 2019

OBSERVER: GLENN MANTIP ACON STATION ID: Mech, VA.
 (COLUMN S) OBSERVATION TIMES: _____ TEMPS RECORDED AT 170h. PRECIP RECORDED AT 170h.

DENOTATION:	(DATA)	DENOTATION:	(DATA)
A - AVERAGE MAXIMUM TEMPERATURE	87.1	T - TOTAL PRECIPITATION	5.29
B - AVERAGE MINIMUM TEMPERATURE	66.0	T1 - PRECIPITATION DEPARTURE	—
C - AVERAGE TEMPERATURE	76.56	U - MAXIMUM CALENDAR DAY PRECIPITATION	1.06
C1 - DEPARTURE OF AVERAGE TEMP	—	U1 DATE MAX CALENDAR DAY PRECIPITATION	7th
D - MAXIMUM TEMPERATURE	96	V - MAXIMUM 24-HOUR PRECIPITATION	1.68
E - DATE(S) OF MAXIMUM TEMPERATURE	27th	V1 - DATE(S) MAX 24-HOUR PRECIPITATION	7th, 8th
F - MINIMUM TEMPERATURE	55	W - # DAYS PRECIPITATION $\geq .01$ "	8
G - DATE(*9s) OF MINIMUM TEMPERATURE	15th	X - # DAYS PRECIPITATION ≥ 1.00 "	2
H - # DAYS MAXIMUM TEMPERATURE $\geq 90^\circ$	12	Y - YEARLY PRECIPITATION	21.37
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 (%)	53.0%	3 - # DAYS WITH SNOWFALL ≥ 1.00 "	0
L - MAXIMUM WIND GUST (MPH)	14MPH	4 - TOTAL MONTHLY SNOWFALL	0
M - DIRECTION MAXIMUM WIND GUST	—	5 - TOTAL SNOWFALL FOR 2018-2019	—
N - DATE(S) OF MAXIMUM WIND GUST	21st	6 - MAXIMUM BAROMETRIC PRESSURE	30.10
N1 - AVERAGE WIND SPEED (MPH)	5.11MPH	6A - DATE MAXIMUM BAROMETRIC PRESSURE	28th
N2 - DOMINANT WIND DIRECTION	—	7 - MINIMUM BAROMETRIC PRESSURE	27.54
O - # DAYS - THUNDERSTORM	6	7A - DATE MINIMUM BAROMETRIC PRESSURE	27th
P - # DAYS - HAIL	0	8 - AVERAGE SEA-LEVEL PRESSURE	27.87
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 Web, VA.
 OBSERVATION TIME 10:00 MONTH/YEAR JUNE/2019

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	85	63	73	.91			X											X		X	
2	91	63	77	7			X											X		X	
3	83	61	72	0																	
4	85	49	67	0																	
5	87	62	75	.25			X								X			X		X	
6	83	70	77	7														X		X	
7	74	69	72	1.06			X													X	
8	77	69	73	.62																X	
9	79	68	73	.07															X	X	
10	83	63	73	.97			X											X		X	
11	87	65	74	1.28																X	
12	79	56	68	0																	
13	81	64	73	1.01														X	X	X	
14	81	56	69	0																	
15	86	55	71	0																	
16	92	66	79	0																	
17	93	72	83	.10														X		X	
18	90	71	81	.47																X	
19	91	71	81	7																X	
20	92	73	84	7																X	
21	86	72	79	0																	
22	85	63	74	0																	
23	87	57	72	0																	
24	92	64	78	0																	
25	89	79	84	0																	
26	93	66	80	0																	
27	95	68	82	0																	
28	94	69	82	7			X								X					X	
29	96	69	83	0																	
30	93	72	83	0																	
31																					

HIGHEST TEMP AND DATE 96 25th AVG. MO. HIGH 87.1
 LOWEST TEMP AND DATE 55 15th AVG. MO. LOW 66.0
 MONTHLY MEAN TEMP 76.56 GREATEST 24 HR PRECIP./DATE 1.68 7th MO. TOTAL PRECIP. 5.29
 NUMBER OF T-ST DAYS 6 GREATEST 24 HR SNOWFALL/DATE 0 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 Medh, VA.
 OBSERVATION TIME 1700h MONTH/YEAR JUNE/2019

Additional Observations Sheet

date	observations	date	observations
1	T-STORM @ 0535 hr. Heavy down pour light showers around 1610 hr.	17	
2	T-STORM AROUND 2230 hr.	18	Light rain starting around 1800 hr.
3		19	SPRINKLE AROUND 1700 hr.
4		20	SPRINKLE AROUND 1735 hr.
5	T-STORM AT 1530 hr. Sharp lightning and heavy down pour. END AT 1645 hr.	21	
6	Light & fine shower during the morning.	22	
7	SHOWERS during the morning with T-STORMS during the afternoon	23	
8	RAIN OVER NIGHT	24	
9	Light rain and drizzle	25	
10	SHOWERS heavy at times. Some Thunder	26	
11	SHOWERS OVERNIGHT.	27	
12		28	T-STORM AROUND 1645 hr. Sharp lightning. Not much RAIN.
13	RAIN OVERNIGHT heavy at times with drizzle during the morning.	29	
14	Heavy shower around 1525 hr.	30	
15		31	
16			

Part b