

ACON - VA/NC/SC

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

STATION SUMMARY OF CLIMATOLOGICAL DATA - October 2019

OBSERVER: Glen 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	72.39	T - TOTAL PRECIPITATION	3.65
B - AVERAGE MINIMUM TEMPERATURE	55.75	T1 - PRECIPITATION DEPARTURE	—
C - AVERAGE TEMPERATURE	64.28	U - MAXIMUM CALENDAR DAY PRECIPITATION	1.45
C1 - DEPARTURE OF AVERAGE TEMP	—	U1 DATE MAX CALENDAR DAY PRECIPITATION	20 th
D - MAXIMUM TEMPERATURE	95	V - MAXIMUM 24-HOUR PRECIPITATION	1.46
E - DATE(S) OF MAXIMUM TEMPERATURE	2 nd	V1 - DATE(S) MAX 24-HOUR PRECIPITATION	20 th 21 st
F - MINIMUM TEMPERATURE	38	W - # DAYS PRECIPITATION >=.01"	8
G - DATE(*9s) OF MINIMUM TEMPERATURE	19 th	X - # DAYS PRECIPITATION >=1.00"	2
H - # DAYS MAXIMUM TEMPERATURE >=90°	2	Y - YEARLY PRECIPITATION	39.33
I - # DAYS MAXIMUM TEMPERATURE <= 32°	0	Z - MAXIMUM CALENDAR DAY SNOWFALL	0
J - # DAYS MINIMUM TEMPERATURE <= 32°	0	1 DATE MAXIMUM CALENDAR DAY SNOWFALL	0
K - # DAYS MINIMUM TEMPERATURE <= 0°	0	2 - # DAYS WITH SNOWFALL (>= TRACE)	0
K1 - AVERAGE RELATIVE HUMIDITY (%)	62.07%	3 - # DAYS WITH SNOWFALL >= 1.00"	0
L - MAXIMUM WIND GUST (MPH)	14 MPH	4 - TOTAL MONTHLY SNOWFALL	0
M - DIRECTION MAXIMUM WIND GUST	—	5 - TOTAL SNOWFALL FOR 2018-2019	0
N - DATE(S) OF MAXIMUM WIND GUST	16 th	6 - MAXIMUM BAROMETRIC PRESSURE	30.14
N1 - AVERAGE WIND SPEED (MPH)	5.71 MPH	6A - DATE MAXIMUM BAROMETRIC PRESSURE	5 th
N2 - DOMINANT WIND DIRECTION	—	7 - MINIMUM BAROMETRIC PRESSURE	29.35
O - # DAYS - THUNDERSTORM	1	7A - DATE MINIMUM BAROMETRIC PRESSURE	16 th
P - # DAYS - HAIL	0	8 - AVERAGE SEA-LEVEL PRESSURE	30.87
Q - # DAYS - GLAZE	0	CWA - YOUR NWS COUNTY WARNING AREA	AKQ
R - # DAYS - ICE PELLETS (SLEET)	0		
R1 - # DAYS - DENSE FOG (<= 1/4 MILE)	0		

WEATHER OBSERVATION DATA

OBSERVER Glen Martin LOCATION Meach, VA.
 OBSERVATION TIME 1100h MONTH/YEAR Oct/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	66	76	0																		
2	75	67	72	0																		
3	72	67	71	0																		
4	80	78	76	0																		
5	68	50	59	0																		
6	75	62	69	0																		
7	83	61	72	0																		
8	71	60	66	.24																		
9	76	58	62	0																		
10	72	58	62	0																		
11	—	—	—	—																		
12	78	48	63	0																		
13	69	56	63	.21																		
14	72	59	66	.35																		
15	72	48	60	0																		
16	67	53	59	1.33																		
17	61	47	54	0																		
18	63	37	51	0																		
19	66	38	52	0																		
20	62	54	59	1.45																		
21	59	54	57	.07																		
22	67	57	63	.73																		
23	—	—	—	—																		
24	—	—	—	—																		
25	69	47	58	0																		
26	72	56	64	0																		
27	81	63	72	.26																		
28	68	55	62	0																		
29	69	51	60	0																		
30	68	55	62	.03																		
31	80	62	71	.07			X							X				X		X		

HIGHEST TEMP AND DATE 95 2nd AVG. MO. HIGH 72.39
 LOWEST TEMP AND DATE 38 19th AVG. MO. LOW 55.75
 MONTHLY MEAN TEMP 64.28 GREATEST 24 HR PRECIP./DATE 1.45/20th MO. TOTAL PRECIP. 3.65
 NUMBER OF T-ST DAYS 1 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

Part a

WEATHER OBSERVATION DATA

OBSERVER *John H. [unclear]* LOCATION *Wichita, Kan.*
 OBSERVATION TIME *1/17/1919* MONTH/YEAR *1/17/1919*

Additional Observations Sheet

date	observations	date	observations
1		17	
2		18	
3		18	
4		19	
5		20	Rain from remnants of tropical storm nests.
6		21	precip from evening rain on the bottom & double during the mid morning.
7		22	DRizzle in the morning shades in the afternoon.
8		23	
9		24	
10		25	
11		26	SPIN KEE during the morning.
12		27	SHOWERS from remnants of tropical storm nests.
13		28	
14		29	
15		30	Light rain morning clearing the afternoon and fine.
16		31	Light rain during the early morning hours. -STOPPED AT 9:30 AM.