

ACON - VA/NC/SC

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

STATION SUMMARY OF CLIMATOLOGICAL DATA - October 2020

OBSERVER: GLEN MARTIN ACON STATION ID: Mech VA
 (COLUMN S) OBSERVATION TIMES: TEMPS RECORDED AT 1700h PRECIP RECORDED AT 1700h

DENOTATION:	(DATA)	DENOTATION:	(DATA)
A - AVERAGE MAXIMUM TEMPERATURE	69.38	T - TOTAL PRECIPITATION	5.41
B - AVERAGE MINIMUM TEMPERATURE	52.80	T1 - PRECIPITATION DEPARTURE	—
C - AVERAGE TEMPERATURE	61.34	U - MAXIMUM CALENDAR DAY PRECIPITATION	1.14
C1 - DEPARTURE OF AVERAGE TEMP	—	U1 DATE MAX CALENDAR DAY PRECIPITATION	30 th
D - MAXIMUM TEMPERATURE	81	V - MAXIMUM 24-HOUR PRECIPITATION	2.11
E - DATE(S) OF MAXIMUM TEMPERATURE	29 th	V1 - DATE(S) MAX 24-HOUR PRECIPITATION	29 th , 30 th
F - MINIMUM TEMPERATURE	37	W - # DAYS PRECIPITATION >= .01"	10
G - DATE(*9s) OF MINIMUM TEMPERATURE	15 th	X - # DAYS PRECIPITATION >= 1.00"	3
H - # DAYS MAXIMUM TEMPERATURE >= 90°	0	Y - YEARLY PRECIPITATION	44.64
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 (%)	64.4%	3 - # DAYS WITH SNOWFALL >= 1.00"	0
L - MAXIMUM WIND GUST (MPH)	12MPH	4 - TOTAL MONTHLY SNOWFALL	0
M - DIRECTION MAXIMUM WIND GUST	—	5 - TOTAL SNOWFALL FOR 2019-2020	0
N - DATE(S) OF MAXIMUM WIND GUST	29 th	6 - MAXIMUM BAROMETRIC PRESSURE	30.27
N1 - AVERAGE WIND SPEED (MPH)	3.8MPH	6A - DATE MAXIMUM BAROMETRIC PRESSURE	31 st
N2 - DOMINANT WIND DIRECTION	—	7 - MINIMUM BAROMETRIC PRESSURE	29.20
O - # DAYS - THUNDERSTORM	0	7A - DATE MINIMUM BAROMETRIC PRESSURE	29 th
P - # DAYS - HAIL	0	8 - AVERAGE SEA-LEVEL PRESSURE	29.70
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 Paul Martin LOCATION Meck VA
 OBSERVATION TIME 1201 MONTH/YEAR Oct 2020

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	76	55	66	0																	
2	69	56	63	0																	
3	67	46	57	0																	
4	67	49	56	0																	
5	69	49	59	0																	
6	73	46	60	0																	
7	79	52	68	0																	
8	77	56	64	0																	
9	71	47	59	0																	
10	67	59	63	.75																	
11	69	65	67	1.45																	
12	70	65	68	1.07																X	
13	69	37	63	.04														X	X	X	
14	71	48	60	0																X	
15	76	51	64	0																	
16	67	53	60	1.06																	
17	60	40	52	.03														X	X	X	
18	65	39	52	0																	
19	73	50	62	0																	
20	75	56	66	0																	
21	—	—	—	0																	
22	—	—	—	0																	
23	76	52	67	0																	
24	81	59	70	0																	
25	62	51	57	.47									X					X	X		
26	62	50	56	.03									X						X	X	
27	69	57	61	0									X						X	X	
28	74	60	67	0																	
29	74	66	70	.97																	
30	68	50	59	1.14														X	X	X	X
31	79	39	49	0														X	X	X	X

HIGHEST TEMP AND DATE 81 / 24th
 LOWEST TEMP AND DATE 37 / 13th
 MONTHLY MEAN TEMP 61.34
 NUMBER OF T-ST DAYS 0

AVG. MO. HIGH 69.38
 AVG. MO. LOW 52.80

GREATEST 24 HR PRECIP./DATE 1.14 / 30th MO. TOTAL PRECIP. 5.41
 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 Glenn Miller LOCATION Meach, VA
 OBSERVATION TIME 1700 MONTH/YEAR Oct 2020

Additional Observations Sheet

date	observations	date	observations
1		17	SHOWER in THE EVENING of the 16th ARRIVED
2		18	
3		19	
4		20	
5		21	
6		22	
7		23	
8		24	SHOWERS ARRIVED 1830 hr. heavy AT times
9		25	RAIN AND DRIZZLE.
10	Light to moderate rain from remnants of HURRICANE DELTA.	26	RAIN AND DRIZZLE overnight AND INTO the
11	Intermittent showers during the AM. Clear after noon. Rain becoming heavier during the afternoon on Sunday from DELTA	27	DRIZZLE
12	SHOWERS OVERNIGHT heavy AT TIMES AND some DRIZZLE during the day from remnants of DELTA	28	
13	SOME RAIN AND DRIZZLE overnight.	29	RAIN heavy AT TIMES from TROPICAL STORM DELTA
14	RAIN moving in during the night and continuing during the day.	30	RAIN overnight heavy AT TIMES.
15		31	
16			

Part b