

ACON - VA/NC/SC

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

STATION SUMMARY OF CLIMATOLOGICAL DATA - MAY 2019

OBSERVER: GLENN MARTIN ACON STATION ID: MECHANESVILLE VA.
 (COLUMN 5) OBSERVATION TIMES: _____ TEMPS RECORDED AT NOV. PRECIP RECORDED AT 1200h.

DENOTATION:	(DATA)	DENOTATION:	(DATA)
A - AVERAGE MAXIMUM TEMPERATURE	84.86	T - TOTAL PRECIPITATION	1.43
B - AVERAGE MINIMUM TEMPERATURE	62.62	T1 - PRECIPITATION DEPARTURE	—
C - AVERAGE TEMPERATURE	74.0	U - MAXIMUM CALENDAR DAY PRECIPITATION	.59
C1 - DEPARTURE OF AVERAGE TEMP	—	U1 DATE MAX CALENDAR DAY PRECIPITATION	5
D - MAXIMUM TEMPERATURE	98	V - MAXIMUM 24-HOUR PRECIPITATION	.47
E - DATE(S) OF MAXIMUM TEMPERATURE	7/24, 30/24	V1 - DATE(S) MAX 24-HOUR PRECIPITATION	13/24, 14/24
F - MINIMUM TEMPERATURE	43	W - # DAYS PRECIPITATION >=.01"	7
G - DATE(*9S) OF MINIMUM TEMPERATURE	15/24	X - # DAYS PRECIPITATION >=1.00"	0
H - # DAYS MAXIMUM TEMPERATURE >=90°	8	Y - YEARLY PRECIPITATION	16.08
I - # DAYS MAXIMUM TEMPERATURE <= 32°	0	Z - MAXIMUM CALENDAR DAY SNOWFALL	NA
J - # DAYS MINIMUM TEMPERATURE <= 32°	0	1 DATE MAXIMUM CALENDAR DAY SNOWFALL	NA
K - # DAYS MINIMUM TEMPERATURE <= 0°	0	2 - # DAYS WITH SNOWFALL (>= TRACE)	NA
K1 - AVERAGE RELATIVE HUMIDITY (%)	52.34%	3 - # DAYS WITH SNOWFALL >= 1.00"	NA
L - MAXIMUM WIND GUST (MPH)	10 MPH	4 - TOTAL MONTHLY SNOWFALL	NA
M - DIRECTION MAXIMUM WIND GUST	—	5 - TOTAL SNOWFALL FOR 2018-2019	NA
N - DATE(S) OF MAXIMUM WIND GUST	3/5	6 - MAXIMUM BAROMETRIC PRESSURE	30.20
N1 - AVERAGE WIND SPEED (MPH)	4.9 MPH	6A - DATE MAXIMUM BAROMETRIC PRESSURE	20/10
N2 - DOMINANT WIND DIRECTION	—	7 - MINIMUM BAROMETRIC PRESSURE	27.72
O - # DAYS - THUNDERSTORM	5	7A - DATE MINIMUM BAROMETRIC PRESSURE	5/24
P - # DAYS - HAIL	0	8 - AVERAGE SEA-LEVEL PRESSURE	29.84
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 Alan Morris LOCATION Drch, VA
 OBSERVATION TIME 1200 MONTH/YEAR MAY/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	—	—	—	—																	
2	—	—	—	—																	
3	87	65	76	0																	
4	89	64	79	0			X													X	
5	80	67	74	.59			X													X	
6	77	58	68	0																	
7	82	57	70	0																	
8	88	61	75	.02																	X
9	86	64	75	0																	
10	86	63	75	0																	
11	76	67	72	.10			X													X	
12	73	65	69	.05																X	
13	60	52	56	.42															X	X	
14	64	50	57	.02																X	
15	76	43	60	0																	
16	83	52	69	0																	
17	85	57	71	0			X											X		X	
18	89	65	77	.16																	
19	95	66	81	0																	
20	91	70	81	0																	
21	78	62	70	0																	
22	79	52	66	0																	
23	91	58	75	0																	
24	92	74	83	0																	
25	90	64	77	0																	
26	96	71	84	0																	X
27	89	68	75	0																	
28	96	68	82	0																	
29	98	70	84	0																	X
30	95	70	84	0																	
31	87	69	78	.07			X							X			X		X		

HIGHEST TEMP AND DATE 98 5/23/19 AVG. MO. HIGH 84.86
 LOWEST TEMP AND DATE 43 1/5/19 AVG. MO. LOW 62.62
 MONTHLY MEAN TEMP 74.0 GREATEST 24 HR PRECIP./DATE .59/5/19 MO. TOTAL PRECIP. 1.43
 NUMBER OF T-ST DAYS 5 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 Jan Martin LOCATION Mech, VA
 OBSERVATION TIME 1200h MONTH/YEAR May/2019

Additional Observations Sheet

date	observations	date	observations
1		17	T-STORMS IN THE LATE EVENING WITH HEAVY DOWN POUR. STARTING AT 2215 hr.
2		18	PRECIP FROM T-STORMS OF THE 17TH @ 215h.
3		19	
4	T-STORM AT 2350 hr.	20	
5	SHOWERS IN THE MORNING AND DURING THE AFTERNOON SOME THUNDER	21	
6		22	
7		23	
8		24	
9		25	
10		26	SHOWER DURING THE AFTERNOON
11	SHOWERS WITH SOME THUNDER RISING IN THE DISTANCE.	27	
12	PERIODS OF LIGHT RAIN AND DRIZZLE SOME THUNDER IN THE DISTANCE.	28	SOME SHOWERS IN THE AREA BY NOT AT THIS STATION.
13	PERIODS RAIN & DRIZZLE	29	SHOWER AROUND 1920 hr. SOME THUNDER.
14	SHOWERS DURING THE AFTERNOON	30	
15		31	SHOWERS IN THE PM hr.; T-STORMS AROUND 2010hr. SOME LIGHTNING AND HEAVY DOWN POUR.
16			

Part b