

**ACON - VA/NC/SC**

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

**STATION SUMMARY OF CLIMATOLOGICAL DATA - November 2020**

OBSERVER: GLENN 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      | 63.26                               | T - TOTAL PRECIPITATION                  | 4.62                                |
| B - AVERAGE MINIMUM TEMPERATURE      | 44.26                               | T1 - PRECIPITATION DEPARTURE             | —                                   |
| C - AVERAGE TEMPERATURE              | 54.73                               | U - MAXIMUM CALENDAR DAY PRECIPITATION   | 1.87                                |
| C1 - DEPARTURE OF AVERAGE TEMP       | —                                   | U1 - DATE MAX CALENDAR DAY PRECIPITATION | 12 <sup>th</sup>                    |
| D - MAXIMUM TEMPERATURE              | 77                                  | V - MAXIMUM 24-HOUR PRECIPITATION        | 2.40                                |
| E - DATE(S) OF MAXIMUM TEMPERATURE   | 10 <sup>th</sup>                    | V1 - DATE(S) MAX 24-HOUR PRECIPITATION   | 11 <sup>th</sup> , 12 <sup>th</sup> |
| F - MINIMUM TEMPERATURE              | 34                                  | W - # DAYS PRECIPITATION ≥ .01"          | 8                                   |
| G - DATE(*9s) OF MINIMUM TEMPERATURE | 19 <sup>th</sup> , 20 <sup>th</sup> | X - # DAYS PRECIPITATION ≥ 1.00"         | 2                                   |
| H - # DAYS MAXIMUM TEMPERATURE ≥ 90° | 0                                   | Y - YEARLY PRECIPITATION                 | 49.26                               |
| I - # DAYS MAXIMUM TEMPERATURE ≤ 32° | 0                                   | Z - MAXIMUM CALENDAR DAY SNOWFALL        | 0                                   |
| J - # DAYS MINIMUM TEMPERATURE ≤ 32° | 1                                   | 1 - DATE MAXIMUM CALENDAR DAY SNOWFALL   | 0                                   |
| K - # DAYS MINIMUM TEMPERATURE ≤ 0°  | 0                                   | 2 - # DAYS WITH SNOWFALL (≥ TRACE)       | 0                                   |
| K1 - AVERAGE RELATIVE HUMIDITY (%)   | 50.4%                               | 3 - # DAYS WITH SNOWFALL ≥ 1.00"         | 0                                   |
| L - MAXIMUM WIND GUST (MPH)          | 16MPH                               | 4 - TOTAL MONTHLY SNOWFALL               | 0                                   |
| M - DIRECTION MAXIMUM WIND GUST      | —                                   | 5 - TOTAL SNOWFALL FOR <b>2020-2021</b>  | 0                                   |
| N - DATE(S) OF MAXIMUM WIND GUST     | 30 <sup>th</sup>                    | 6 - MAXIMUM BAROMETRIC PRESSURE          | 30.29                               |
| N1 - AVERAGE WIND SPEED (MPH)        | 6.05MPH                             | 6A - DATE MAXIMUM BAROMETRIC PRESSURE    | 18 <sup>th</sup>                    |
| N2 - DOMINANT WIND DIRECTION         | —                                   | 7 - MINIMUM BAROMETRIC PRESSURE          | 29.14                               |
| O - # DAYS - THUNDERSTORM            | 0                                   | 7A - DATE MINIMUM BAROMETRIC PRESSURE    | 30 <sup>th</sup>                    |
| P - # DAYS - HAIL                    | 0                                   | 8 - AVERAGE SEA-LEVEL PRESSURE           | 29.92                               |
| Q - # DAYS - GLAZE                   | 0                                   | CWA - YOUR NWS COUNTY WARNING AREA       | <b>AKQ</b>                          |
| R - # DAYS - ICE PELLETS (SLEET)     | 0                                   |  |                                     |
| R1 - # DAYS - DENSE FOG (≤ 1/4 MILE) | 0                                   |  |                                     |

# WEATHER OBSERVATION DATA

OBSERVER Clare M. ... LOCATION Nech, VA.  
 OBSERVATION TIME 11/04 MONTH/YEAR Nov/2020

## Additional Observations Sheet

| date | observations  | date | observations  |
|------|---|------|---|
| 1    | SHOWERS heavy AT TIMES during the first part of the day   | 17   |   |
| 2    |   | 18   |   |
| 3    |   | 19   |   |
| 4    |   | 20   |   |
| 5    |   | 21   |   |
| 6    |   | 22   |   |
| 7    |   | 23   | Shower in the early morning   |
| 8    |   | 24   |   |
| 9    |   | 25   |   |
| 10   |   | 26   | Shower early AM   |
| 11   | SHOWERS heavy AT TIMES during the day and into the night. Tropical moisture from tropical storm ETA | 27   |   |
| 12   | RAIN heavy AT TIMES. MOISTURE ahead of ETA and a cold front.  | 28   |   |
| 13   | Light evening rain on the 12th. AFTER observation time.   | 29   |   |
| 14   |   | 30   | Moderate rain over night and showers heavy AT times during the day. Strong winds 16 mph |
| 15   | HEAVY down-pour around 2115 hr.   | 31   |   |
| 16   | precip from the 15th during evening Showers   |      |   |

Part b

# WEATHER OBSERVATION DATA

OBSERVER Chris Martin LOCATION Mech, VA  
 OBSERVATION TIME 1100 MONTH/YEAR Nov 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    | 59        | 47        | 50        | .51           |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 2    | 57        | 36        | 44        | 0             |           |            |      |    |     |     |    |     |     |    |    |    |    |     | X    |      | X      |  |
| 3    | 61        | 38        | 50        | 0             |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 4    | 67        | 38        | 53        | 0             |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 5    | 69        | 47        | 58        | 0             |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 6    | 72        | 48        | 60        | 0             |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 7    | 74        | 46        | 60        | 0             |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 8    | 76        | 49        | 63        | 0             |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 9    | 75        | 49        | 62        | 0             |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 10   | 77        | 53        | 65        | 0             |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 11   | 73        | 67        | 70        | .53           |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 12   | 70        | 54        | 62        | 1.87          |           |            |      |    |     |     |    |     |     |    |    |    |    | X   |      | X    |        |  |
| 13   | 68        | 49        | 56        | .84           |           |            |      |    |     |     |    |     |     |    |    |    |    | X   | X    | X    |        |  |
| 14   | 68        | 40        | 57        | 0             |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 15   | 73        | 45        | 59        | 0             |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 16   | 68        | 45        | 54        | .75           |           |            |      |    |     |     |    |     |     |    |    |    |    | X   |      | X    |        |  |
| 17   | 59        | 38        | 49        | 0             |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 18   | 47        | 29        | 38        | 0             |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 19   | 56        | 37        | 44        | 0             |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 20   | 67        | 38        | 53        | 0             |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 21   | 71        | 47        | 56        | 0             |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 22   | 77        | 48        | 58        | 0             |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 23   | 59        | 53        | 56        | .74           |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 24   | 58        | 39        | 49        | 0             |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      | X      |  |
| 25   | 59        | 38        | 49        | 0             |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 26   | 73        | 60        | 67        | .74           |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 27   | 66        | 47        | 57        | 0             |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      | X      |  |
| 28   | 63        | 45        | 54        | 0             |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 29   | 62        | 34        | 48        | 0             |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 30   | 68        | 58        | 60        | 1.34          |           |            |      |    |     |     |    |     |     |    |    |    |    |     |      |      |        |  |
| 31   |           |           |           |               |           |            |      |    |     |     |    |     |     |    |    |    |    | X   |      | X    |        |  |

HIGHEST TEMP AND DATE 77 10<sup>th</sup> AVG. MO. HIGH 63.26  
 LOWEST TEMP AND DATE 34 19<sup>th</sup> - 29<sup>th</sup> AVG. MO. LOW 44.26  
 MONTHLY MEAN TEMP 54.23 GREATEST 24 HR PRECIP./DATE 2.40 11<sup>th</sup> 20<sup>th</sup> MO. TOTAL PRECIP. 4.62  
 NUMBER OF T-ST DAYS 0 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