

**ACON - VA/NC/SC**

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

**STATION SUMMARY OF CLIMATOLOGICAL DATA - MAY 2023**

OBSERVER: Glen Martin  
(COLUMN 5) OBSERVATION TIMES:

ACON STATION ID: Mechanicville, VA.

TEMPS RECORDED AT 1700h PRECIP RECORDED AT 1700h

| DENOTATION:                          | (DATA)           | DENOTATION:                              | (DATA)                              |
|--------------------------------------|------------------|--|-------------------------------------|
| A - AVERAGE MAXIMUM TEMPERATURE      | 75.58            | T - TOTAL PRECIPITATION                  | 2.56                                |
| B - AVERAGE MINIMUM TEMPERATURE      | 53.65            | T1 - PRECIPITATION DEPARTURE             | —                                   |
| C - AVERAGE TEMPERATURE              | 65.06            | U - MAXIMUM CALENDAR DAY PRECIPITATION   | .68                                 |
| C1 - DEPARTURE OF AVERAGE TEMP       | —                | U1 - DATE MAX CALENDAR DAY PRECIPITATION | 28 <sup>th</sup>                    |
| D - MAXIMUM TEMPERATURE              | 89               | V - MAXIMUM 24-HOUR PRECIPITATION        | .99                                 |
| E - DATE(S) OF MAXIMUM TEMPERATURE   | 12 <sup>th</sup> | V1 - DATE(S) MAX 24-HOUR PRECIPITATION   | 28 <sup>th</sup> , 29 <sup>th</sup> |
| F - MINIMUM TEMPERATURE              | 41               | W - # DAYS PRECIPITATION ≥ .01"          | 8                                   |
| G - DATE(*9s) OF MINIMUM TEMPERATURE | 5 <sup>th</sup>  | X - # DAYS PRECIPITATION ≥ 1.00"         | 0                                   |
| H - # DAYS MAXIMUM TEMPERATURE ≥ 90° | 0                | Y - YEARLY PRECIPITATION                 | 13.64                               |
| I - # DAYS MAXIMUM TEMPERATURE ≤ 32° | 0                | Z - MAXIMUM CALENDAR DAY SNOWFALL        | —                                   |
| J - # DAYS MINIMUM TEMPERATURE ≤ 32° | 0                | 1 - DATE MAXIMUM CALENDAR DAY SNOWFALL   | —                                   |
| K - # DAYS MINIMUM TEMPERATURE ≤ 0°  | 0                | 2 - # DAYS WITH SNOWFALL (≥ TRACE)       | —                                   |
| K1 - AVERAGE RELATIVE HUMIDITY (%)   | 46.74%           | 3 - # DAYS WITH SNOWFALL ≥ 1.00"         | —                                   |
| L - MAXIMUM WIND GUST (MPH)          | 18 MPH           | 4 - TOTAL MONTHLY SNOWFALL               | —                                   |
| M - DIRECTION MAXIMUM WIND GUST      | —                | 5 - TOTAL SNOWFALL FOR 2022-2023         | 0                                   |
| N - DATE(S) OF MAXIMUM WIND GUST     | 3 <sup>rd</sup>  | 6 - MAXIMUM BAROMETRIC PRESSURE          | 30.18                               |
| N1 - AVERAGE WIND SPEED (MPH)        | 7.93 MPH         | 6A - DATE MAXIMUM BAROMETRIC PRESSURE    | 28 <sup>th</sup> , 29 <sup>th</sup> |
| N2 - DOMINANT WIND DIRECTION         | —                | 7 - MINIMUM BAROMETRIC PRESSURE          | 29.38                               |
| O - # DAYS - THUNDERSTORM            | 1                | 7A - DATE MINIMUM BAROMETRIC PRESSURE    | 1 <sup>st</sup>                     |
| P - # DAYS - HAIL                    | 0                | 8 - AVERAGE SEA-LEVEL PRESSURE           | 29.93                               |
| 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 Glenn Miller LOCATION McDermottville, VA.  
 OBSERVATION TIME 1700h MONTH/YEAR May 1983

| date | MAX TEMP | MIN TEMP | AVG TEMP | TOTAL PRECIP. | SNOW FALL | SNOW DEPTH | T-ST | HAIL | TOR | HUR | SN | BLT | FOG | BWSL | FL | WD | HDP | DRIZ | RAIN | TROPST |
|------|----------|----------|----------|---------------|-----------|------------|------|------|-----|-----|----|-----|-----|------|----|----|-----|------|------|--------|
| 1    | 68       | 48       | 58       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 2    | 68       | 48       | 58       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 3    | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 4    | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 5    | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 6    | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 7    | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 8    | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 9    | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 10   | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 11   | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 12   | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 13   | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 14   | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 15   | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 16   | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 17   | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 18   | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 19   | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 20   | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 21   | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 22   | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 23   | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 24   | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 25   | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 26   | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 27   | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 28   | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 29   | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 30   | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |
| 31   | 67       | 47       | 57       | 0             |           |            |      |      |     |     |    |     |     |      |    |    |     |      |      |        |

HIGHEST TEMP AND DATE 89 187h      AVG. MO. HIGH 75.58  
 LOWEST TEMP AND DATE 41 57h      AVG. MO. LOW 53.65  
 MONTHLY MEAN TEMP 50.6      GREATEST 24 HR PRECIP./DATE 1.68 8h      MO. TOTAL PRECIP. 2.56  
 NUMBER OF T-ST DAYS 1      GREATEST 24 HR SNOWFALL/DATE 0      MO. TOTAL SNOWFALL 0  
 t-st = thunderstorm    sleet    hdp = heavy down pour    hur = hurricane    sn = snow    sl = sharp lightning  
 ha = hail    tor = tornado    sw = strong winds    fl = flooding    wd = wind damage    drz = drizzle  
 tropst = tropical storm

# WEATHER OBSERVATION DATA

OBSERVER

*Paul Martin* LOCATION *Med Va.*

OBSERVATION TIME

*1902* MONTH/YEAR *May 1902*

Additional Observations Sheet

| date | observations   | date | observations   |
|------|--|------|--|
| 1    | DRIP SHOWER ABOUT 8:05 PM.   | 17   |  |
| 2    |  | 18   |  |
| 3    | LIGHT SHOWERS ABOUT 11:00 PM, LIGHT SHOWER ABOUT 1:30 AM. STORMY WIND GUSTS 18 MPH SOME DRIZZLE DURING THE MORNING | 19   |  |
| 4    |  | 20   |  |
| 5    |  | 21   | SHOWER DURING THE EARLY MORNING HRS.                       |
| 6    |  | 22   |  |
| 7    | LIGHT RAIN ABOUT 11:00 PM AND INTO THE MORNING. HEAVY RAIN INTO THE AFTERNOON                                      | 23   |  |
| 8    | SHOWER ABOUT 10:25 PM.   | 24   |  |
| 9    | SHOWER ON THE EVENING OF THE 8TH ABOUT 8:30 PM.  | 25   |  |
| 10   |  | 26   |  |
| 11   |  | 27   |  |
| 12   |  | 28   | LIGHT TO MODERATE RAIN DROPS THE EARLY MORNING HRS.        |
| 13   | LIGHT SHOWER ABOUT 1:30 PM, AND AT 1:30 PM. SOME DRIZZLE ON THE DISTURBANCE  | 29   | SHOWERS DURING THE DAY AFTERNOON AND INTO THE EVENING HRS. |
| 14   |  | 30   | LIGHT RAIN AND DRIZZLE DURING THE AFTER.                   |
| 15   |  | 31   |  |
| 16   | 7:50 AM AT 8:30 PM AND INTO THE MORNING HRS.   |      |  |

Part b