





July  
2020REMARKS FOR THE MONTH  
July - 2020

|        |  |
|--------|--|
| Jul-01 | TS RATED 3-2-5 HEAVIEST RAIN SINCE JUNE 7, 2019 WHEN 3.81 INS. WAS OBSERVED  |
| Jul-02 | CLEAR UNTIL 1130 THEN A FEW FAIR WEATHER CUMULUS THAT BECAME NUMEROUS BY 1300 UNTIL 1615 THEN CLEAR AGAIN  |
| Jul-03 | A CLEAR SKY WITH HIGH TEMPS. AND ONLY 0.3 °F FROM HOTTEST DAY IN 2020  |
| Jul-04 | HEAVY DEW ON GRASS ONLY-VERY CLEAR AM WITH CUMULUS COMING IN AT NOON AND PM WAS ABOUT 30% CLOUDY   |
| Jul-05 | VEIL OF CIRRUS AND CIRROSTRATUS STO NOON THEN CLEARING WITH SCATTERED CUMULUS THEN CIRRUS, CIRROSTRATUS AND ALTOSTRATUS CAME IN AT 1615                                      |
| Jul-06 | TODAY WAS HOTTEST DAY OF 2020 BY 0.1 °F - AM WAS ALMOST CLEAR-PM WAS ABOUT 45-55% CLOUDY   |
| Jul-07 | CLEAR AM AND CUMULUS CAME IN AT 1300 BUT ONLY A FEW FAIR WEATHER CUMULUS AND CLEAR AGAIN BY 1445 THEN CIRRUS AFTER 1830  |
| Jul-08 | CUMULUS CLOUDS CAME IN AT 0850 GIVING A PC AM AND PM   |
| Jul-09 | LIGHT FOG AT 0645-TODAY WAS BREEZY AFTER 0915-AM WAS MOSTLY CLOUDY AND PM CLOUDS DECREASED AT 1445   |
| Jul-10 | TWO THUNDERS HEARD THE 1st AT 2209 -TS RATED 1-1-2-MANY HIGH DEFINITION CUMULUS CLOUDS AGAINST A DEEP BLUE SKY-HOT & HUMID DAY-AM EST. 45-55% CLOUDY & PM EST. 35-40% CLOUDY |
| Jul-11 | DEEP BLUE SKY AGAIN TODAY WITH CUMULUS CLOUDS FROM 1230-1400 OTHERWISE A VERY CLEAR DAY WITH LOW HUMIDITY  |
| Jul-12 | VERY CLEAR AM WITH FIRST CLOUDS ARRIVING AROUND NOON AND MOSTLY CLO. FROM 1230-1530-LOW PM REL. HUMIDITY-PM EST. 45-55% CLOUDY   |
| Jul-13 | FULL RAINBOW ENDING AT 0648 FIRST MORNING RAINBOW I REMEMBER SINCE MOVING TO RICHMOND 12 YRS AGO-CLOUDS CLEARED BY 0850 THEN THIN CIRRUS TO 1115 AND CUMULUS AFTER 1245      |
| Jul-14 | AM WAS VERY CLEAR THEN CUMULUS CAME IN AT 1230-SCATTERED CUMULUS UNTIL 1730-PM EST. 30% CLOUDY   |
| Jul-15 | CLEAR TO 1145 THEN CUMULUS CAME IN AND WAS MOSTLY CLOUDY TO 1515 THEN CLEARING AGAIN   |
| Jul-16 | AM WAS MAINLY CLOUDY EXCEPT FOR PD. 0915-1005 AND PM WAS PC BUT THEN CLEARED AFTER 1815  |
| Jul-17 | HOTTEST DAY OF 2020 AND HOTTEST SINCE OCT. 3, 2019 WHEN IT WAS 98.4 °F - ALSO HIGH REL. HUMIDITY TODAY   |
| Jul-18 | VERY CLEAR AM UNTIL 1110 THEN CUMULUS CAME IN - MOSTLY CLO. WITH CUMULUS FROM NOON TO 1530 THEN MOSTLY CLEAR-A DEW POINT FRONT PASSED AROUND 1000                            |
| Jul-19 | HOTTEST DAY OF 2020 AND HOTTEST SINCE JULY 21, 2019 WHEN IT WAS 102.3 °F   |
| Jul-20 | ABOUT 45 MINS. OF POWER OUTAGE AT 0200-HOTTEST DAY OF 2020-ABOUT 55-65% CLO. ALL DAY   |
| Jul-21 | TS RATED 4-2-2 THE TS HAD MUCH LIGHTNING BUT MANY STRIKES IN THE AREA NEAR SPRINGFIELD PARK - AGAIN HOTTEST OF 2020 AND HOTTEST SINCE JULY 21, 2019 WHEN IT WAS 102.3 °F     |
| Jul-22 | TS RATED 1-1-2 WITH 0.39 INCHES RAIN AND A 2ND TS WAS ALSO WEAK RATED 1-1-1 WITH 4 THUNDERS 1901, 1905, 1909, 1920 & 0.09 RAIN & A 11 MPH MAX. WIND                          |
| Jul-23 | TS RATED 1-3-1 RAIN PD. 2051-2335 TS PASSED TO OUR W AND NW  |
| Jul-24 | CLOUDS MADE FOR A LITTLE COOLER DAY BUT IT WAS MORE HUMID WITH 9 PDS OF VERY LIGHT SPRINKLES   |
| Jul-25 | VERY CLEAR FROM 0820-1030 WHEN CUMULUS CAME IN AND PC TO 1800 THEN CLEAR AGAIN UNTIL DARK  |
| Jul-26 | A VERY CLEAR DAY AND HOT BUT WITH LOWER HUMIDITY THAN IS USUAL   |
| Jul-27 | A VERY CLEAR HOT DAY WITH LOW HUMIDITY AND A BREEZY AFTERNOON  |
| Jul-28 | A VERY HOT CLEAR DAY WITH CLOUDS AFTER 1730 AND A TS PASSED TO NW OF US-ONE THUNDER HEARD AT 1803  |
| Jul-29 | NOT AS HOT BUT MORE CLOUDS AND MORE HUMIDITY WITH A BREEZY AFTERNOON]  |
| Jul-30 | TS RATED 1-1-3 A PM TS THAT PASSED TO OUR WEST WAS RATED 1-1-1 WITH SOME HEAVY RAIN TO OUR WEST - HOT BUT WITH MORE HUMIDITY WITH AM CIRRUS AND A CLOUDY PM                  |
| Jul-31 | TS RATED 1-1-2 - THUNDER 1725, 1728, 1731, AND CLOUDY AND HUMID MOST OF THE DAY - THE 3RD PERIOD OF PRECIP.1000 TO 1005 AND A 4TH PERIOD WITH A WEAK TS 1635-1830            |

DATE

## EXTENSION OF LENGTHY DAILY REMARKS

|        |  |
|--------|--|
| Jul-13 | TS RATED 1-1-1 AS ONE DISTANT THUNDER HEARD WHILE LOOKING AT THE MORNING RAINBOW   |
| Jul-23 | <p>ON THE 23 THE SECOND WIND GUST OF 23 MPH OCCURRED FROM THE WSW</p> <p>NOTE 2 TS ON THE 22 SO INSTEAD OF 8 TS FOR THE MONTH THERE ARE 9 TS</p> <p><b>ALL DEW POINTS THIS MONTH AND THE SUMMER ARE REDUCED BY 2 - 3 DEGREES F AS THE DAVIS INSTRUMENT OVERRATES DEW POINTS.</b></p> |

The daily records for the month are listed on page # 4 and not found in the remarks.

The link below explains how observations are taken at the Glen Allen Weather Station - Note the Numbers match the column numbers on the Observation Sheet

[Rules for making Observations in 2020](#)



# ACON - VA/NC/SC

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

## July 2020

### Station summary of Climatological Data

Observer: Lowell L. Koontz West Henrico - Glen Allen, VA

Observation Times: Temps Recorded 2400 Precipitation Recorded 2400

#### TEMPERATURE °F

|    |                       |        |
|----|-----------------------|--------|
| A  | MEAN MAXIMUM          | 94.10  |
| B  | MEAN MINIMUM          | 72.34  |
| C  | MEAN MONTHLY          | 83.22  |
| C1 | MEAN TEMP DEP.        | 3.2    |
| D  | MAXIMUM               | 101.2  |
| E  | DATE(s) OF MAX.       | Jul-21 |
| F  | MINIMUM               | 65.8   |
| G  | DATE(s) OF MIN.       | Jul-12 |
| H  | # DAYS MAX. >= 90°    | 30     |
| I  | # MAX. <= 32°         | 0      |
| J  | MIN. <= 32°           | 0      |
| K  | MIN. >= 70°           | 25     |
| K1 | AVE RELATIVE HUMIDITY | 71.9   |

#### WIND MPH

|   |                 |                 |
|---|-----------------|-----------------|
| L | MAX. GUST       | 23              |
| M | DIRECT. OF GUST | WNW & WSW       |
| N | DATE            | Jul 22 & Jul 23 |
|   | TIME            | 1710 & 2029     |

#### NUMBER DAYS WITH -

|    |                       |   |
|----|-----------------------|---|
| O  | THUNDER               | 9 |
| P  | HAIL                  | 0 |
| Q  | GLAZE                 | 0 |
| R  | ICE PELLETS (SLEET)   | 0 |
| R1 | DENSE FOG <= 1/4 MILE | 0 |

#### PRECIPITATION INCHES

|    |                     |        |
|----|---------------------|--------|
| T  | MONTH TOTAL         | 5.79   |
| U  | CALENDAR DAY MAX.   | 2.95   |
| U1 | DATE OF MAX.        | Jul-01 |
| V  | 24-HR. PERIOD MAX.  | 2.95   |
| V1 | DATE(s) OF MAX. PD. | Jul-01 |
| W  | # DAYS >= 0.01"     | 10     |
| X  | # DAYS >= 1.00"     | 1      |
| Y  | YR. TO DATE TOT.    | 26.91  |
|    | MAX. 1 HR. PRECIP.  | 2.66   |
|    | MAX.5 MIN PRECIP.   | 0.38   |

#### SNOWFALL INCHES

|   |                           |     |
|---|---------------------------|-----|
| Z | DAILY MAXIMUM             | 0.0 |
| 1 | DATE OF MAX.              |     |
| 2 | DAYS= > TRACE             | 0.0 |
| 3 | DAYS >= 1.0"              | 0.0 |
| 4 | MONTHLY TOTAL             | 0.0 |
| 5 | 2019 - 2020 SEASON'S TOT. | 0.4 |

#### BAROMETER

|     |                         |         |
|-----|-------------------------|---------|
| 6   | MAXIMUM                 | 30.23   |
| 6A  | DATE                    | Jul-16  |
| 7   | MINIMUM                 | 29.72   |
| 7A  | DATE                    | Jul-11  |
| 8   | AVE. MONTHLY PRESSURE   | 29.96   |
| CWA | NWS COUNTY WARNING AREA | Henrico |

# SPRINGFIELD PARK'S JULY TEMPERATURE & WIND GRAPH

