

| PAGE #1 | | Aug 2012 West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz | | | | | | | | | | | | | | | | | |
|-------------|-------------|--|---------|--------|-------|-------------|--------|--------|--------|-----------|------|---------------|----------------|---------|----------------|--------|----------------|---------|--------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | |
| Aug 2012 | Week Day | TEMPERATURE | | | | TEMPERATURE | | | | SKY | | PRECIPITATION | | | FROZ. PRECIP. | | 1st PERIOD | | |
| | | MAX. | Time | MIN. | Time | RANGE | MEAN | CHANGE | SOIL | AM | PM | Liquid | 1 Hr. | 5 Min. | NEW | GROUND | START | END | |
| Aug-01 | Wed | 91 | 17:15 | 66 | 6:18 | 25 | 78.5 | -1.5 | 82 | 1 | 0 | 0.42 | 0.42 | 0.11 | | | 0045 | 0200 | |
| Aug-02 | Thu | 94 | 14:40 | 70 | 6:15 | 24 | 82.0 | 3.5 | 81 | 0 | 2 | 1.35 | 1.35 | 0.38 | | | 1543 | 1640 | |
| Aug-03 | Fri | 91 | 14:49 | 69 | 6:11 | 22 | 80.0 | -2.0 | 80 | 0 | 1 | | | | | | | | |
| Aug-04 | Sat | 93 | 15:34 | 74 | 6:28 | 19 | 83.5 | 3.5 | 81 | 0 | 1 | | | | | | | | |
| Aug-05 | Sun | 92 | 15:28 | 76 | 6:17 | 16 | 84.0 | 0.5 | 81 | 1 | 0 | T | T | T | | | 2200 | 2205 | |
| Aug-06 | Mon | 87 | 15:37 | 75 | 23:59 | 12 | 81.0 | -3.0 | 81 | 2 | 2 | T | T | T | | | 1015 | 1120 | |
| Aug-07 | Tue | 87 | 16:37 | 73 | 6:00 | 14 | 80.0 | -1.0 | 80 | 2 | 2 | 0.18 | 0.18 | 0.06 | | | 0810 | 0830 | |
| Aug-08 | Wed | 87 | 12:53 | 72 | 23:58 | 15 | 79.5 | -0.5 | 81 | 2 | 2 | 0.06 | 0.06 | 0.02 | | | 1445 | 1555 | |
| Aug-09 | Thu | 93 | 16:08 | 67 | 6:32 | 26 | 80.0 | 0.5 | 80 | 0 | 1 | | | | | | | | |
| Aug-10 | Fri | 86 | 16:12 | 72 | 7:09 | 14 | 79.0 | -1.0 | 81 | 2 | 2 | 0.37 | 0.35 | 0.14 | | | 0405 | 0505 | |
| Aug-11 | Sat | 85 | 14:42 | 70 | 23:51 | 15 | 77.5 | -1.5 | 80 | 2 | 2 | 0.16 | 0.12 | 0.05 | | | 0350 | 0410 | |
| Aug-12 | Sun | 85 | 14:58 | 69 | 7:15 | 16 | 77.0 | -0.5 | 80 | 2 | 0 | 0.23 | 0.23 | 0.06 | | | 0625 | 0720 | |
| Aug-13 | Mon | 91 | 15:51 | 67 | 5:52 | 24 | 79.0 | 2.0 | 79 | 1 | 0 | | | | | | | | |
| Aug-14 | Tue | 91 | 15:13 | 71 | 6:02 | 20 | 81.0 | 2.0 | 80 | 0 | 1 | T | T | T | | | 0330 | 0340 | |
| Aug-15 | Wed | 86 | 13:35 | 68 | 7:02 | 18 | 77.0 | -4.0 | 80 | 2 | 2 | 0.01 | T | T | | | 0145 | 0150 | |
| Aug-16 | Thu | 89 | 15:14 | 63 | 6:31 | 26 | 76.0 | -1.0 | 79 | 0 | 0 | | | | | | | | |
| Aug-17 | Fri | 92 | 15:41 | 67 | 5:38 | 25 | 79.5 | 3.5 | 78 | 0 | 0 | T | T | T | | | 2030 | 2155 | |
| Aug-18 | Sat | 85 | 15:26 | 69 | 5:37 | 16 | 77.0 | -2.5 | 79 | 2 | 1 | 0.03 | 0.02 | 0.01 | | | 0005 | 0115 | |
| Aug-19 | Sun | 72 | 14:33 | 64 | 5:50 | 8 | 68.0 | -9.0 | 76 | 2 | 2 | 0.16 | 0.07 | 0.01 | | | 0915 | 1700 | |
| Aug-20 | Mon | 81 | 15:29 | 65 | 23:37 | 16 | 73.0 | 5.0 | 77 | 2 | 2 | 0.77 | 0.77 | 0.29 | | | 0530 | 0545 | |
| Aug-21 | Tue | 83 | 14:55 | 64 | 5:56 | 19 | 73.5 | 0.5 | 76 | 2 | 2 | 0.14 | 0.14 | 0.03 | | | 1715 | 1835 | |
| Aug-22 | Wed | 85 | 15:41 | 63 | 4:41 | 22 | 74.0 | 0.5 | 77 | 2 | 2 | | | | | | | | |
| Aug-23 | Thu | 87 | 15:04 | 66 | 6:56 | 21 | 76.5 | 2.5 | 76 | 2 | 1 | | | | | | | | |
| Aug-24 | Fri | 82 | 12:43 | 65 | 6:56 | 17 | 73.5 | -3.0 | 76 | 2 | 2 | T | T | T | | | 1615 | 1720 | |
| Aug-25 | Sat | 72 | 17:45 | 66 | 9:03 | 6 | 69.0 | -4.5 | 76 | 2 | 2 | 1.00 | 0.54 | 0.04 | | | 0015 | 0050 | |
| Aug-26 | Sun | 84 | 17:36 | 66 | 6:27 | 18 | 75.0 | 6.0 | 75 | 2 | 1 | | | | | | | | |
| Aug-27 | Mon | 89 | 15:29 | 67 | 6:50 | 22 | 78.0 | 3.0 | 76 | 0 | 0 | | | | | | | | |
| Aug-28 | Tue | 90 | 11:51 | 73 | 6:25 | 17 | 81.5 | 3.5 | 78 | 0 | 1 | | | | | | | | |
| Aug-29 | Wed | 88 | 14:44 | 66 | 6:06 | 22 | 77.0 | -4.5 | 78 | 0 | 0 | | | | | | | | |
| Aug-30 | Thu | 90 | 15:14 | 67 | 6:51 | 23 | 78.5 | 1.5 | 78 | 0 | 1 | | | | | | | | |
| Aug-31 | Fri | 95 | 14:26 | 72 | 6:33 | 23 | 83.5 | 5.0 | 78 | 0 | 0 | | | | | | | | |
| TOTAL | | 2703 | | 2122 | | 581.0 | 2412.5 | 3.5 | 2440 | 35 | 35 | 4.88 | 4.25 | 1.20 | | | Col.26-27 | | |
| NUM | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 13 | 12 | 12 | | | DAILY AVE RH | | |
| AVE. | | 87.19 | 15:12 | 68.45 | 8:40 | 18.74 | 77.82 | | 78.71 | 1.13 | 1.13 | Ave. Tot. | Ave.Max | Ave.Max | | | 72.8 | Percent | |
| Normals | | 88.42 | | 68.44 | | 19.98 | 78.43 | | 78.08 | 0.99 | 1.06 | 4.81 | 1.01 | 0.17 | | | 69.8 | Percent | |
| Departures | | -1.23 | | 0.02 | | -1.24 | -0.60 | | 0.6 | 0.14 | 0.07 | 0.07 | -0.34 | -0.22 | | | 3.0 | Percent | |
| MAX. DATES | | Dates | 95 | 76 | | 26 | 84.0 | 6.0 | 82.0 | Whole Day | | | 1.35 | 1.35 | 0.38 | | | Precip | 24 Hr. |
| | | 1 | Aug-31 | Aug-05 | | Aug-09 | Aug-05 | Aug-26 | Aug-01 | Ave. | 1.13 | Aug-02 | Aug-02 | Aug-02 | | | Amount | 1.35 | |
| | | 2 | | | | Aug-16 | | | | Normal | 1.02 | | | | | | Date | Aug-02 | |
| | | 3 | | | | | | | | Depart | 0.10 | | | | | | Date | | |
| MIN. DATES | | Dates | 72 | 63 | | 6 | 68.0 | -9.0 | 75.0 | SKY | | | >= 0.10 INCHES | | >= 1.00 INCHES | | >= 2.00 INCHES | | |
| | | 1 | Aug-19 | Aug-16 | | Aug-25 | Aug-19 | Aug-19 | Aug-26 | CLEAR | 12 | 9 | 10 DAYS | | 2 DAYS | | 0 DAYS | | |
| | | 2 | Aug-25 | Aug-22 | | | | | | P.CLO. | 3 | 9 | HOTTEST DAY | | Highest Mean | | Lowest Mean | | |
| | | 3 | | | | | | | | CLO. | 16 | 13 | 83.5 8-05 | | 8-05 | | COOLEST DAY | | |
| | | | | | | | | | | | | | | | | | | | |
| <=32 °F | | 0 | <=32 °F | 0 | MAX. | <=95 | <=90 | <=85 | <=80 | <=75 | <=70 | <=65 | <=60 | | | | | | |
| >=90°F | | 12 | >=70 °F | 11 | | 1 | 12 | 25 | 29 | 29 | 31 | 31 | 31 | | | | | | |

| Aug 2012 | REMARKS FOR THE MONTH August - 2012 |
|-------------|---|
| Aug-01 | COOLEST AM SINCE JUNE 28-JULY WAS THE SECOND WARMEST IN 132 YEARS AT THE AIRPORT |
| Aug-02 | VERY RAPID DEVELOPMENT OF A THUNDERSTORM WITH MOVEMENT OF THE CELL IN VARIED DIRECTIONS |
| Aug-03 | |
| Aug-04 | |
| Aug-05 | NO DEW BECAUSE OF BREEZE AND A BREEZY BUT VERY WARM DAY-WINDIEST DAY SINCE APR. 16, 2012 WHEN WIND RUN WAS 185.6 MILES-TODAY IT WAS 159.2 |
| Aug-06 | CLOUDY AM AND NO DEW-MAX. DEW POINT 76 °F AT 1252 |
| Aug-07 | NOT AS WARM THE LAST TWO DAYS BUT VERY HUMID AND MUGGY-MAX. DEW POINT TODAY 75.9 °F |
| Aug-08 | ANOTHER EXTREMELY HUMID DAY-MAX. DEW POINT 77.1 °F |
| Aug-09 | PLEASANT EARLY AM BUT DEW POINT REACHED 73.9 °F AT 1113 AFTER A LOW OF 66.7 °F -PM ABOUT 60% CLOUDY |
| Aug-10 | PM WAS ABOUT 70-75% CLOUDY AND DEW POINT MAX. WAS 73.9 °F AT 0445 |
| Aug-11 | THE THUNDERSTORM AT 5:15 AM WAS RATED A 2-3RD PD. OF RAIN WAS ONLY 0.04 INS. FROM 1535-1740 |
| Aug-12 | CLOUDY TO 1030 THEN CLEAR TO 1130-FOLLOWED BY PC UNTIL 1530 AND MOSTLY CLOUDY TO SUNSET-PM ABOUT 25-30% CLOUDY |
| Aug-13 | VERY HEAVY DEW |
| Aug-14 | |
| Aug-15 | THIN AM CLOUD COVER WITH SUNLIGHT SHINING THROUGH CLOUDS THAT BECAME THICKER DURING DAY |
| Aug-16 | COOLEST MORNING SINCE JUNE 28 WHEN IT WAS 62 °F -VERY LOW REL.HUMIDITY AND MIN. DEW POINT OF 50.6 °F AT 1452 |
| Aug-17 | COLD FRONT PASSED GLEN ALLEN NEAR MIDNIGHT GIVING ONLY SPRINKLES-COOLEST SINCE AUG. 11 |
| Aug-18 | |
| Aug-19 | |
| Aug-20 | 3RD PD. OF PRECIP. 2106-2140-VERY LOCAL AND HEAVY RAIN IN A SMALL AREA OF RAIN |
| Aug-21 | SUN THROUGH AM CIRRUS AFTER FOG CLEARED-LOWEST VISIBILITY EST. ABOUT 0.5 MILES |
| Aug-22 | MOSTLY CLOUDY AM BUT SOME PERIODS OF PC SKIES BETWEEN 1515-1645 |
| Aug-23 | AM SUN THROUGH THIN CIRRUS EST. SKY COVERAGE 65-75% CLOUDY AND PM EST. TO BE 60% CLOUDY |
| Aug-24 | |
| Aug-25 | 3RD PD. OF PRECIP. 1650 TO 1810, 4TH PD. THUNDERSTORM 2025-2205- 2ND THUNDERSTORM RATED AS 2-LOWEST MAX. TEMP. SINCE JUNE 29 |
| Aug-26 | PC FROM 1415 TO SUNSET AND THUNDERSTORM TO EAST OF RICHMOND THIS PM |
| Aug-27 | FEW CUMULUS CLOUDS FROM 1015-1315 AND PC WITH CUMULUS FROM 1330-1730 THEN CLEAR TO SUNSET-PM ABOUT 45-50% CLOUDY |
| Aug-28 | MOSTLY CLOUDY 1215-1445 THEN PC TO 1800 AND CLEAR 1815 TO SUNSET |
| Aug-29 | HURRICANE ISAAC HITTING GULF COAST AS A CATEGORY 1 STORM |
| Aug-30 | ISAAC HAS GIVEN 10-20 INS. OF RAIN TO NEW ORLEANS AREA |
| Aug-31 | VERY WARM FOR END OF AUGUST WITH THE HIGHEST TEMPERATURE FOR THE MONTH - THE MAXIMUM DEW POINT WAS 75.3 AT 1128. |
| DATE | EXTENSION OF LENGTHY DAILY REMARKS |
| | |