

| PAGE #1 | | | | | | | | | | | | | | | | | | |
|---|---------|-------|---------|---------|-------|---------|--------|---------|--------|-------|-------|--------|---------|---------|---------|---------|-------|------|
| Oct 2011 West Henrico Co. - Glen Allen Weather Center Lat. 37.6554° N. Long. 77.5692° W. - Koontz | | | | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Oct | Week | TEMP. | TIME | TEMP. | TIME | TEMP. | TEMP. | MEAN | SOIL | SKY | SKY | PRECIP | MAX.1HR | MAX.5M | FROZ. | SNOW ON | START | END |
| 2011 | Day | MAX. | MAX. | MIN. | MIN. | RANGE | MEAN | CHANGE | TEMP. | AM | PM | MELTED | PRECIP. | PRECIP. | PRECIP. | GROUND | TIME | TIME |
| Oct-01 | Sat | 63 | 13:50 | 49 | 23:07 | 14 | 56.0 | -13.5 | 72 | 1 | 1 | 0.05 | 0.04 | 0.01 | | | 0535 | 0750 |
| Oct-02 | Sun | 57 | 13:16 | 47 | 3:33 | 10 | 52.0 | -4.0 | 69 | 2 | 2 | T | T | T | | | 0950 | 1000 |
| Oct-03 | Mon | 60 | 14:31 | 47 | 7:09 | 13 | 53.5 | 1.5 | 66 | 2 | 2 | 0.03 | 0.02 | 0.01 | | | 1230 | 0120 |
| Oct-04 | Tue | 72 | 14:04 | 45 | 6:55 | 27 | 58.5 | 5.0 | 65 | 0 | 1 | 0.01 | 0.01 | T | | | 0340 | 0450 |
| Oct-05 | Wed | 77 | 14:56 | 47 | 7:03 | 30 | 62.0 | 3.5 | 65 | 0 | 0 | | | | | | | |
| Oct-06 | Thu | 72 | 14:44 | 51 | 7:13 | 21 | 61.5 | -0.5 | 66 | 0 | 0 | | | | | | | |
| Oct-07 | Fri | 74 | 14:00 | 45 | 7:18 | 29 | 59.5 | -2.0 | 65 | 0 | 0 | | | | | | | |
| Oct-08 | Sat | 74 | 15:08 | 47 | 7:18 | 27 | 60.5 | 1.0 | 65 | 0 | 0 | | | | | | | |
| Oct-09 | Sun | 78 | 14:19 | 46 | 7:06 | 32 | 62.0 | 1.5 | 65 | 0 | 1 | | | | | | | |
| Oct-10 | Mon | 81 | 13:43 | 52 | 5:03 | 29 | 66.5 | 4.5 | 65 | 1 | 2 | | | | | | | |
| Oct-11 | Tue | 71 | 15:04 | 61 | 4:04 | 10 | 66.0 | -0.5 | 67 | 2 | 2 | T | T | T | | | 0920 | 1045 |
| Oct-12 | Wed | 67 | 16:05 | 64 | 0:40 | 3 | 65.5 | -0.5 | 67 | 2 | 2 | 1.06 | 0.35 | 0.07 | | | 0030 | 0415 |
| Oct-13 | Thu | 81 | 14:30 | 66 | 23:56 | 15 | 73.5 | 8.0 | 68 | 2 | 1 | 0.46 | 0.37 | 0.20 | | | 0355 | 0440 |
| Oct-14 | Fri | 73 | 14:48 | 51 | 23:02 | 22 | 62.0 | -11.5 | 69 | 2 | 0 | 0.04 | 0.02 | 0.01 | | | 0530 | 0620 |
| Oct-15 | Sat | 72 | 14:16 | 50 | 7:18 | 22 | 61.0 | -1.0 | 66 | 0 | 0 | | | | | | | |
| Oct-16 | Sun | 72 | 14:17 | 44 | 4:40 | 28 | 58.0 | -3.0 | 64 | 0 | 0 | | | | | | | |
| Oct-17 | Mon | 79 | 16:07 | 58 | 23:57 | 21 | 68.5 | 10.5 | 65 | 2 | 1 | | | | | | | |
| Oct-18 | Tue | 81 | 14:19 | 56 | 6:57 | 25 | 68.5 | 0.0 | 65 | 1 | 0 | | | | | | | |
| Oct-19 | Wed | 71 | 0:01 | 62 | 8:33 | 9 | 66.5 | -2.0 | 67 | 2 | 2 | 0.38 | 0.11 | 0.02 | | | 0031 | 0655 |
| Oct-20 | Thu | 66 | 0:01 | 49 | 23:50 | 17 | 57.5 | -9.0 | 66 | 0 | 2 | | | | | | | |
| Oct-21 | Fri | 66 | 14:47 | 43 | 7:15 | 23 | 54.5 | -3.0 | 62 | 0 | 1 | | | | | | | |
| Oct-22 | Sat | 64 | 15:39 | 45 | 8:02 | 19 | 54.5 | 0.0 | 63 | 2 | 1 | | | | | | | |
| Oct-23 | Sun | 67 | 14:56 | 40 | 7:20 | 27 | 53.5 | -1.0 | 61 | 0 | 0 | | | | | | | |
| Oct-24 | Mon | 69 | 15:17 | 44 | 7:01 | 25 | 56.5 | 3.0 | 61 | 2 | 0 | T | T | T | | | 2030 | 2035 |
| Oct-25 | Tue | 70 | 14:39 | 42 | 7:14 | 28 | 56.0 | -0.5 | 61 | 0 | 0 | | | | | | | |
| Oct-26 | Wed | 76 | 14:22 | 50 | 1:06 | 26 | 63.0 | 7.0 | 61 | 1 | 2 | T | T | T | | | 1825 | 1830 |
| Oct-27 | Thu | 79 | 14:54 | 54 | 23:59 | 25 | 66.5 | 3.5 | 62 | 1 | 1 | T | T | T | | | 1835 | 1840 |
| Oct-28 | Fri | 54 | 0:01 | 41 | 22:00 | 13 | 47.5 | -19.0 | 62 | 2 | 2 | 0.11 | 0.05 | 0.01 | | | 0001 | 0240 |
| Oct-29 | Sat | 43 | 4:36 | 33 | 23:56 | 10 | 38.0 | -9.5 | 58 | 2 | 2 | 1.17 | 0.35 | 0.03 | T | None | 0001 | 1755 |
| Oct-30 | Sun | 57 | 15:19 | 29 | 6:56 | 28 | 43.0 | 5.0 | 55 | 0 | 0 | | | | | | | |
| Oct-31 | Mon | 59 | 15:01 | 30 | 8:03 | 29 | 44.5 | 1.5 | 54 | 0 | 2 | 0.01 | 0.01 | T | | | 1820 | 1930 |
| TOTAL | | 2145 | 39650 | 1488 | 32654 | 657.0 | 1816.5 | -25.0 | 1987.0 | 29.0 | 30.0 | 3.32 | 1.33 | 0.36 | 0.0 | 0.0 | MAX. | TEMP |
| NUM | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 10 | 10 | 8 | 0 | 0 | >=85 | 0 |
| AVE. | | 69.19 | 12:57 | 48.00 | 10:41 | 21.19 | 58.60 | | 64.10 | 0.94 | 0.97 | 0.33 | 0.13 | 0.05 | 0.00 | 0.00 | >=80 | 3 |
| MAX. | | 81 | 16:07 | 66 | 23:59 | 32 | 73.5 | 10.5 | CLEAR | 14 | 12 | 24 Hr. | 0.37 | 0.20 | 0.0 | 0 | >=75 | 8 |
| MIN. | | 43 | 0:01 | 29 | 0:40 | 3 | 38.0 | -19.0 | P.CLO. | 5 | 8 | 1.25 | >= 1.00 | >= 2.00 | Inches | THUNDER | >=70 | 18 |
| | >=90 °F | 0 | <=32 °F | 2 | | | | | CLO. | 12 | 11 | 1.17 | 2 | 0 | Days | 1 | >=65 | 23 |
| DATE | 10-10 | DATE | 10-30 | DATE OF | 10-13 | DATE OF | 10-29 | Sky Ave | 0.95 | DATE | 10-29 | | | | | | >=60 | 26 |
| MAX. | 10-13 | MIN. | | HOTTEST | | COOLEST | | | | MAX. | | | | | | | >=55 | 29 |
| TEMP. | 10-18 | TEMP. | | DAY | | DAY | | | | PREC. | | | | | | | >=50 | 30 |

PAGE #2 Oct 2011 West Henrico Co. - Glen Allen Weather Center Lat. 37.6554° N. Long. 77.5692° W. - Koontz

| | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 |
|-----------------|-------------|-------------|----------|-----------|-----------|---------|---------|-----------|-----------|-----------|-------------|--------------|--------------|-------------|------------|----------------|------------|--------------|----|
| Oct 2011 | START TIME | END TIME | WIND RUN | MAX. GUST | TIME GUST | MAX. RH | MIN. RH | MAX. BAR. | MIN. BAR. | AVE. BAR. | BAR. CHANGE | GLAZE | SLEET | SNOW | FOG | THUNDER | DEW | FROST | |
| Oct-01 | | | 42.2 | 16 | 1040 | 92 | 52 | 29.87 | 29.71 | 29.79 | 0.06 | | | | | | | | |
| Oct-02 | 1150 | 1155 | 37.5 | 15 | 1415 | 87 | 51 | 30.00 | 29.83 | 29.92 | 0.13 | | | | | | | | |
| Oct-03 | 0500 | 0555 | 39.1 | 17 | 0300 | 91 | 58 | 30.13 | 29.95 | 30.04 | 0.13 | | | | | | | | |
| Oct-04 | | | 31.0 | 18 | 1324 | 96 | 49 | 30.19 | 30.09 | 30.14 | 0.10 | | | | | | | | |
| Oct-05 | | | 31.5 | 14 | 1155 | 98 | 33 | 30.26 | 30.17 | 30.22 | 0.08 | | | | | | | VH | |
| Oct-06 | | | 49.3 | 14 | 0915 | 93 | 47 | 30.39 | 30.26 | 30.33 | 0.11 | | | | | | | VH | |
| Oct-07 | | | 14.7 | 10 | 1640 | 97 | 93 | 30.49 | 30.36 | 30.43 | 0.10 | | | | | | | VH | |
| Oct-08 | | | 17.0 | 10 | 1413 | 98 | 40 | 30.54 | 30.45 | 30.50 | 0.07 | | | | | | | VH | |
| Oct-09 | | | 14.1 | 6 | 1314 | 98 | 37 | 30.49 | 30.34 | 30.42 | -0.08 | | | | | | | VH | |
| Oct-10 | | | 17.5 | 7 | 1228 | 97 | 45 | 30.34 | 30.16 | 30.25 | -0.16 | | | | | | | H | |
| Oct-11 | 1225 | 1300 | 41.9 | 13 | 1739 | 95 | 67 | 30.16 | 30.01 | 30.09 | -0.16 | | | | | | | M | |
| Oct-12 | | | 62.2 | 15 | 0932 | 97 | 92 | 30.01 | 29.80 | 29.91 | -0.18 | | | | | | | | |
| Oct-13 | 0955 | 1145 | 55.8 | 19 | 2035 | 98 | 68 | 29.80 | 29.56 | 29.68 | -0.23 | | | | L | 1 | | | |
| Oct-14 | 0650 | 0840 | 77.2 | 23 | 1120 | 96 | 35 | 29.76 | 29.52 | 29.64 | -0.04 | | | | | | | | |
| Oct-15 | | | 115.9 | 32 | 1244 | 78 | 31 | 29.97 | 29.76 | 29.87 | 0.23 | | | | | | | | |
| Oct-16 | | | 97.2 | 25 | 2107 | 89 | 36 | 30.08 | 29.82 | 29.95 | 0.08 | | | | | | | M | |
| Oct-17 | | | 63.2 | 20 | 0442 | 94 | 45 | 29.87 | 29.78 | 29.83 | -0.12 | | | | | | | L | |
| Oct-18 | | | 25.3 | 14 | 2055 | 97 | 51 | 29.86 | 29.73 | 29.80 | -0.03 | | | | | | | VH | |
| Oct-19 | 1155 | 1350 | 72.5 | 23 | 0739 | 100 | 71 | 29.74 | 29.30 | 29.52 | -0.28 | | | | L | | | | |
| Oct-20 | | | 195.0 | 34 | 1057 | 94 | 49 | 29.87 | 29.32 | 29.60 | 0.07 | | | | | | | | |
| Oct-21 | | | 55.8 | 14 | 1409 | 94 | 46 | 30.11 | 29.87 | 29.99 | 0.40 | | | | | | | L | |
| Oct-22 | | | 28.2 | 14 | 1513 | 91 | 48 | 30.17 | 30.08 | 30.13 | 0.13 | | | | | | | L | |
| Oct-23 | | | 26.9 | 13 | 1404 | 98 | 50 | 30.18 | 30.09 | 30.14 | 0.01 | | | | | | | VL | |
| Oct-24 | | | 29.8 | 12 | 1010 | 98 | 53 | 30.14 | 29.99 | 30.07 | -0.07 | | | | | | | VH | |
| Oct-25 | | | 23.7 | 14 | 1236 | 98 | 33 | 30.24 | 30.07 | 30.16 | 0.09 | | | | | | | VH | |
| Oct-26 | | | 119.0 | 21 | 0918 | 81 | 40 | 30.11 | 29.81 | 29.96 | -0.20 | | | | | | | | |
| Oct-27 | 2100 | 2105 | 138.4 | 30 | 2051 | 74 | 42 | 29.99 | 29.62 | 29.81 | -0.16 | | | | | | | | |
| Oct-28 | 0625 | 0840 | 105.5 | 22 | 0120 | 94 | 56 | 30.22 | 29.99 | 30.11 | 0.30 | | | | | | | | |
| Oct-29 | | | 119.9 | 22 | 1322 | 99 | 85 | 30.10 | 29.89 | 30.00 | -0.11 | | | 1 | | | | | |
| Oct-30 | | | 20.7 | 14 | 1101 | 98 | 31 | 30.37 | 30.10 | 30.24 | 0.24 | | | | | | | VH | |
| Oct-31 | 2105 | 2350 | 19.9 | 13 | 1351 | 97 | 45 | 30.37 | 30.21 | 30.29 | 0.05 | | | | | | | VH | |
| MIN. | TEMP | TOT. | 1787.9 | 534 | | 2907 | 1579 | 933.82 | 927.64 | 930.73 | 0.56 | 0 | 1 | 0 | 2 | 1 | 15 | 2 | |
| <=65 | 30 | NUM. | 31.0 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | GLAZE | SLEET | SNOW | FOG | THUNDER | DEW | FROST | |
| <=60 | 27 | AVE. | 57.67 | 17.23 | | 93.77 | 50.94 | 30.12 | 29.92 | 30.02 | 0.02 | | | | | | | | |
| <=55 | 25 | MAX. | 195.0 | 34 | | 100 | 93 | 30.54 | 30.45 | 30.50 | 0.40 | | | | | | | | |
| <=50 | 21 | MIN. | 14.1 | 6 | | 74 | 31 | 29.74 | 29.30 | 29.52 | -0.28 | | | | | | | | |
| <=45 | 12 | MEDI | 41.9 | 15 | 1244 | 96 | 48 | 30.13 | 29.95 | 30.04 | 0.06 | | | | | | | | |
| <=40 | 4 | | DATE | 10-20 | 1057 | DATE | | 10-08 | 10-19 | | | | | | | | | | |
| <=35 | 3 | | MAX. | | | MAX. | | | | | | | | | | | | | |
| <=30 | 2 | | WIND | | | BAR. | | | | | | | | | | | | | |

| Oct 2011 | REMARKS FOR THE MONTH October - 2011 |
|-------------|--|
| Oct-01 | AM AND PM ABOUT 60% CLOUDY |
| Oct-02 | THE AIRPORT HAD A MAX. 58 DEGREES F THE COOLEST OCT. 2 SINCE 1958 |
| Oct-03 | 3RD PD OF RAIN FROM 0820-0950-CLOUDY AND VERY COOL AGAIN TODAY |
| Oct-04 | CLOUDS CAME IN AT 1115 AND THE PM HAD SCATTERED CUMULUS ABOUT 40% AND MUCH WARMER TODAY-COOLEST AM SINCE MAY 5 WHEN IT WAS 43F |
| Oct-05 | CLEAR PLEASANT FALL DAY WITH DEEP BLUE SKY AND NO CLOUDS SEEN ALL DAY |
| Oct-06 | ANOTHER GREAT FALL DAY BUT 5 DEGREES COOLER AND REL. HUMIDITY WAS 14% HIGHER |
| Oct-07 | HIGHEST BAROMETER SINCE MARCH 21,2011 WHEN IT READ 30.42 INS. |
| Oct-08 | HIGHEST BAROMETER SINCE MARCH 20, 2011 WHEN THE BAROMETRIC PRESSURE WAS 30.60 INS. |
| Oct-09 | SUN THROUGH A CIRRUS CLOUD COVER PARTICULARLY IN THE LATE PM AND AVERAGED ABOUT 50% CLOUDY |
| Oct-10 | SCATTERED AM CIRRUS CAME IN ABOUT 0930 AND ALTOCUMULUS BY 1015 THEN A THIN BUT COMPLETE CIRRUS VEIL THAT BECAME THICKER TO SUNSET |
| Oct-11 | MANY PERIODS OF SPRINKLES BUT NO MEASURABLE RAIN-3RD PD. 1355-1400, 4TH PD. 1515-1645 |
| Oct-12 | DAMP, GLOOMY, RAINY DAY |
| Oct-13 | DISTANT LIGHTNING SEEN BETWEEN 0645-0710 BUT NO THUNDER HEARD BEFORE 0710-3RD PD. OF PRECIP. 1750-1807- 4TH PD. A THUNDERSTORM |
| Oct-14 | 3RD PD OF PRECIP. 0950-1003-SKY STARTED TO CLEAR AROUND 1030 BUT AM WAS ABOUT 75% CLOUDY AND PM WAS ABOUT 25-30% CLOUDY |
| Oct-15 | PERFECTLY CLEAR DAY-NOT ONE CLOUD SEEN - DRY AND COOL |
| Oct-16 | COOLEST AM SINCE MAY 6 WHEN IT WAS 43 DEGREES-ANOTHER BEAUTIFUL FALL DAY-NO CLOUDS SEEN EXCEPT ON N HORIZON |
| Oct-17 | DEW WAS REC. FROM 2100-MIDNIGHT-NONE IN AM-CLOUDY ALL DAY UNTIL 1515 AND CLEAR FROM 1530-1700 THEN CIRRUS -CLOUDS BEFORE 1515 WERE |
| Oct-18 | VERY CLEAR AND VERY WARM FOR MID OCT. WITH CIRRUS IN AM AND ALTOCUMULUS FROM 1130-NOON |
| Oct-19 | 3RD PD.OF PRECIP. 1620-2015 |
| Oct-20 | CLOUDS STARTED COMING IN AT 1115 AND IT WAS CLOUDY FROM 1245 TO DARK |
| Oct-21 | COOLEST AM SINCE MAY 6, 2011 WHEN IT WAS ALSO 43 DEGREES F |
| Oct-22 | VERY CLEAR AM- A FEW CLOUDS CAME IN ABOUT 1400 BUT BECAME MOSTLY CLOUDY AFTER 1545 |
| Oct-23 | CLEAR FROM 0700-0845 THEN MOSTLY CLOUDY FROM 0900-1500 THEN CLEAR FROM 1645 TO SUNSET |
| Oct-24 | COOLEST AM SINCE MAY 5,2011 WHEN IT WAS 39F - AM WAS ABOUT 70-75% CLOUDY AND PM WAS TOTALLY CLEAR AFTER 1500 |
| Oct-25 | NO CLOUDS TODAY 100% SUNSHINE |
| Oct-26 | CLOUDS BECAME THICKER AS DAY PASSED-AM HAD THIN CIRRUS AND IT BECAME MOSTLY CLOUDY AFTER 1315 |
| Oct-27 | ABOUT 55-60% CLOUDY MOST OF DAY-A STRONG COLD FRONT PASSED AROUND 2045-3RD PD.OF PRECIP. 2315-2400 |
| Oct-28 | SOME SLEET OBSERVED WITH RAIN THIS AFTERNOON AROUND 1600-3RD PD. OF PRECIP. 1100-1145, 4TH PD OF PRECIP. 1230-2400 |
| Oct-29 | RAW AND COLD DAY FOR OCT.-RICHMOND INTERNATIONAL AIRPORT REC. A HIGH TEMP. OF 45 DEGREES F-PREVIOUS REC. WAS 46 IN 1925-SNOW REC. TO N |
| Oct-30 | COLDEST AM SINCE MARCH 29,2011 WHEN IT WAS 28 DEGREES F-A HARD KILLING FROST AND DEEP SNOWS REPORTED IN NJ, MA, CT,VT AND ME |
| Oct-31 | VH FROST AGAIN- CLOUDS CAME IN AROUND 1220 AND IT WAS CLOUDY BY 1245 - MUCH HEAVIER RAIN TONIGHT TO THE EAST OF I-95 |
| DATE | EXTENSION OF LENGTHY DAILY REMARKS |
| Oct-13 | BET. 2015-2040-ONE CLOSE LIGHTNING STRIKE WITHIN 1/10 OF A MILE AROUND 2015-PM WAS ABOUT 60% CLOUDY-3 PLACES WERE HIT BY TORNADOES |
| Oct-17 | QUANTICO IN PRINCE WILLIAM CO , BOSWELL TAVERN IN LOUISA CO. AND WOODLAKE AREA IN NEW KENT CO. |
| Oct-17 | THICK ALTOCUMULUS THAT WERE OBSERVED BET. 1245-1500 |
| Oct-30 | MAX. SNOW REPORTED SO FAR OF 31 INCHES IN NH MORE THAN A 100 YEAR STORM FOR THE MONTH OF OCTOBER FOR MANY PLACEAS |