


Sep 2022 West Henrico Co. - Glen Allen Weather Center $37.65537^{\circ}$ N. $77.56929^{\circ}$ W. - Koontz
ays Min $>=70^{\circ} \mathrm{F}$

Precip. prevent obs.

## PAGE \#3

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EXTENSION OF LENGTHY DAILY REMARKS

## West Henrico Co. - Glen Allen Weather Center $37.65537^{\circ}$ N. $77.56929^{\circ}$ W. - Koontz

DAILY RECORDS FOR THE MONTH
The Glen Allen Station had 5 Records or Record Ties in September 2022

The daily precipitation on the 11th was 1.65 inches, a new 13 year HIGH daily precipitation record for the date - the old record was 0.63 inches in 2018.

The daily temperature range on the 17th was $27.2 \&$ deg; F, and EQUALED the, 13-year HIGH daily max. temp. range record for the date - the old record was set in 2015.

The maximum temperature on the 30th was 58.2\°F, a new 13-year cool daily maximum temperature record for the date - the old record was 70.7\°F in 2020. The daily temperature range on the 30th was 3.4 \°F, a new 13-year LOW daily temperature range record for the date - the old record was $5.7 \&$ deg;F in 2016.

## September 2022 <br> Springfield Park Glen Allen, VA

September with 3.27 inches of precipitation was the $7^{\text {th }}$ driest September on record in the past 14 years. The wettest September recorded 8.54 inches in 2018 and the driest Sep. had 0.17 inches in 2019. The greatest 24 -hour rain was 1.65 inches on the $11^{\text {th }}$. Sept. had 9 days with measurable precip; the average is 9.7 days.

The monthly mean temperature was 71.2 degrees $F$, a -0.8 degrees $F$ departure and the $8^{\text {th }}$ coolest on record. The ave. maximum temp. was 82.2 degrees F a 0.5 F departure. The ave. minimum was 60.2 F which was a -2.1 degrees F departure. The lowest max. temp. for this Sep. was 58.2 F on the $30^{\text {th }}$ and was the lowest max. temp. ever recorded at this station in the month of Sep. The lowest min. temperature for Sept. was 43.7 degrees on the $28^{\text {th }}$ was the $2^{\text {nd }}$ lowest temp. ever recorded in Sept. at this station. The highest maximum was 91.2 degrees $F$ on the $2^{\text {nd }}$ which was -2.1 F below the 14 -year average Sep. maximum temp. September's sky was the $6{ }^{\text {th }}$ clearest on record in the past 14 years. The average temp. range was 22.0 degrees $F$ which was a departure of +2.6 F and the $2^{\text {nd }}$ highest on record for September. This September had only 4 days with temps. greater than or equal to 90 degrees $F$; in 2019 it was 11 days which is the record.
The highest wind gust was 29 mph on the $30^{\text {th }}$ which is the $5^{\text {th }}$ highest for September for the past 14 years. There was only 1 day with thunder which tied for the $5^{\text {th }}$ lowest on record. This thunderstorm on the $25^{\text {th }}$ wasn't severe.

## Richmond International Airport

The Richmond International Airport had 1.68 inches of precipitation which was a departure of -2.93 inches and was the $33^{\text {rd }}$ driest since 1887. The Airport had 9 days with measurable precipitation. The Airport's max. daily precip. was 0.92 inches on the $30^{\text {th }}$.

The ave. mean temperature was 72.8 degrees F a departure of 1.6 F and the $24^{\text {th }}$ warmest since 1897. The lowest mean temp. for the month was 59.0 on the $30^{\text {th }}$. The ave. maximum temp. was 84.4 F , a 3.2 F departure, and the ave. minimum temp. was 61.2 F which was a 0.1 F departure. Sept. had 10 days with temperatures of greater than or equal to 90 F . The ave. temperature range was 23.2 F a departure of 2.6 degrees F. The Airport's highest temperature range for Sept. was 33 degrees $F$ on the $25^{\text {th }}$ and the lowest was only 4 F on the $30^{\text {th }}$. Only 8 years have had a lower temperature range in September. The highest max. temperature was 93 F on the $22^{\text {nd }}$. The lowest max. temp. for Sept. was 61 F on the $30^{\text {th }}$ and only 21 Septembers have had a lower max. reading. The record was 52 degrees $F$ in 1984. The lowest minimum temperature was 48 degrees $F$ on the $28^{\text {th }}$ and the highest minimum was 73 degrees $F$ on the $6^{\text {th }}$.

The Airport averages are for a 30-year period and smoothed out in a decreasing straight line on the graph. Springfield Park is just the average of the 14 past years and is not smooth, a difference you see in the two graphs. The Richmond Airport had 1 daily record for September.

The highest daily temperature range for Sep. was 32 F which tied the record high temp. range record set in 1962, 1959, 1947, 1937.

## ACON - VA/NC/SC

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

## September 2022

## Station summary of Climatological Data

Observer: Lowell L. Koontz

Observation Times: Temps Recorded

TEMPERATURE ${ }^{\circ} \mathrm{F}$

| A | MEAN MAXIMUM | 82.20 |
| :---: | :---: | :---: |
| B | MEAN MINIMUM | 60.24 |
| C | MEAN MONTHLY | 71.22 |
| c1 | MEAN TEMP DEP. | -0.76 |
| D | MAXIMUM | 91.2 |
| E | DATE(s) OF MAX. | Sep-02 |
| F | MINIMUM | 43.7 |
| G | DATE(s) OF MIN. | Sep-28 |
| H | \# DAYS MAX. > = 90 ${ }^{\circ}$ | 4 |
| 1 | \# MAX. < = 32 ${ }^{\circ}$ | 0 |
| J | MIN. $<=32^{\circ}$ | 0 |
| K | MIN. $<=0^{\circ}$ | 0 |
| K1 | AVE RELATIVE HUMIDITY | 73.5 |
| WIND MPH |  |  |
| L | MAX. GUST | 29 |
| m | DIRECT. OF GUST | NNE |
| N | DATE | Sep-30 |
|  | TIME | 16:03 |



West Henrico - Glen Allen, VA

2400 Precipitation Recorded
2400

PRECIPITATION INCHES

| T | MONTH TOTAL | 3.27 |
| :---: | :--- | :---: |
| u | CALENDAR DAY MAX. | 1.65 |
| U1 | DATE OF MAX. | Sep-11 |
| v | 24-HR. PERIOD MAX. | 1.65 |
| v1 | DATE(s) OF MAX. PD. | Sep-11 |
| w | \# DAYS > = 0.01" | 9 |
| x | \# DAYS > = 1.00" | 1 |
| Y | YR. TO DATE TOT. | 33.57 |
|  | MAX. 1 HR. PRECIP. | 1.25 |
|  | MAX. 5 MIN PRECIP. | 0.25 |

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 | $2020-2021$ SEASON'S TOT. | 10.1 |

BAROMETER

| 6 | MAXIMUM |  |
| :---: | :--- | :---: |
| 6A | DATE | Sep-29 |
| 7 | MINIMUM | 29.66 |
| 7 | DATE | Sep-22 |
| 8 | AVE. MONTHLY PRESSURE | 30.04 |
| cWA | NWS COUNTY WARNING AREA | Henrico |

## SPRINGFIELD PARK'S SEPTEMBER TEMPERATURE \& WIND GRAPH



SEPTEMBER TEMPERATURE GRAPH



