

# April 2017

## West Henrico Co. - Glen Allen, VA

April was the warmest on record with a mean temperature of 64.6°F and was 5.9°F departure from the average April mean. Both the average maximum of 75.3°F and average minimum temperature of 54.0°F were new record highs for April. The minimum temperature of 73°F on the 29<sup>th</sup> was a new record high for April. April had never seen a +70°F night before this April.

April was the second wettest at Glen Allen with a total of 3.40 inches, but a departure of only 0.14 inches based on the average of the past 8-years. Measurable precipitation occurred on 12 days in April but the month was a dichotomy. The first 15 days were dry with only two days with rain and the second half was wet with ten days of rain. The cloud cover was a little above average but the relative humidity was 5.8% above the average and was the most humid April on record. The temperature range for April was 21.4°F the lowest on record in part because of the humid April. April 24<sup>th</sup> had a 6°F temperature range which tied the low record for the month. On the 29<sup>th</sup> Glen Allen had a dew point of 77°F the highest ever recorded in April. The daily mean temperature for the 29<sup>th</sup> was 81°F which was a new record for Glen Allen and the first time the station had a heat index over 100°F in April. This April had thirteen 80 degree days; the previous record was only nine. April 28<sup>th</sup> had only a 6.4°F temperature range which tied for the lowest range on record for April.

The lowest minimum temperature was 31.6°F recorded on the 8<sup>th</sup> and only 3 days were less than ≤40 for April; the previous record was 5 days. The maximum wind gust was 33 mph from the SSW that occurred on the 6<sup>th</sup> at 1755.

## Richmond International Airport

April was the warmest on record with a mean temperature of 64.2°F and was 6°F above the average April mean; the previous record was 63.2 recorded in 1994. The average maximum of 75.3°F was the 7<sup>th</sup> warmest on record and minimum temperature of 53.2°F set a new record high minimum average for April. The minimum temperature of 73°F on the 29<sup>th</sup> was a new record high minimum for April. April had never seen a +70°F night before this April; the previous record was 69°F in 1922. The 29<sup>th</sup> had a daily mean of 80.5°F; the only warmer April day in the past 120 years was April 27, 1915.

The Airport had 3 daily records for the highest minimum temperature. 28<sup>th</sup> the record high minimum was 66°F; the previous record was 65 in 1935, 29<sup>th</sup> the record high minimum was 73°F; the previous record was 67 in 1956, 30<sup>th</sup> the record high minimum was 70°F; the previous record was 63 in 2014, 1991, 1915. The daily temperature range was 22.1°F and only 35 Aprils have had a lower range.

The April precipitation total was only 2.28 inches, a departure of -0.99 inches, and was 1.12 inches less than Glen Allen's April precipitation total. This was the 38<sup>th</sup> driest April since 1887. The greatest daily precipitation was 0.39 inches on the 22<sup>nd</sup>; only four Aprils have recorded less 1950, 1963, 1985, 1991.

The Airport reported no snow in April. The last measurable snow for Richmond in April was one inch on April 7, 2007.