

April 2018

West Henrico Co. - Glen Allen, VA

April was cooler than average by -3.7°F . The monthly mean temperature for April was 55.7°F the lowest on record for April. It is also the first time that I can remember that our average mean was the same as the Airport's. The average minimum temperature of 43.5°F was also a new low record for April. The average maximum temperature of 67.6°F was the second lowest on record for April. The high temperature for April was only 84.8°F on the 13th and the lowest max. was 49.2°F on the 8th which is the lowest max. recorded at this station in April.

This April had two 80°F days and the average is 5.4 days. April had 16 days the temperature was 70°F or greater which was a -1.3 day departure. The maximum daily temperature range was 38.2°F on the 30th. April 24th had only a 5.3°F temperature range a new record low range for April. The lowest minimum was 29.9°F recorded on the 8th and ties for the 3rd lowest for April. April had two days with freezing which was a $+0.8$ day departure and three days with some frost. The coldest day (lowest daily mean temperature) was 41.7°F occurring on the 8th and was the fourth lowest on record for April. The warmest day (highest daily mean temperature) was 72.6°F occurring on the 14th. The average ground temperature at one foot was 55.1°F a -2.2°F departure and a new low record for April.

April was the second wettest at Glen Allen with a total of 3.52 inches, a departure of $+0.24$ inches based on the average of the past 9 years. Measurable precipitation occurred on only 8 days which tied for the record low number of days for April. The maximum precipitation to occur in 24 hours was 1.38 inches on the 24th and 25th. The cloud cover was only a little above average and the average relative humidity was 65.6% the second highest on record for April.

The maximum wind gust was 40 mph from the SSW that occurred on the 14th at 1636 which was the second highest on record. April was the windiest April on record with a wind run of 3,162 miles. The first measurable April snowfall occurred April 7th at Glen Allen but the Airport reported only a trace of snow. There were only two days with thunder which is tied with 2013 for the lowest on record.

Richmond International Airport

The Airport broke only one daily record for April for highest minimum temperature on April 15th which was 64°F ; the previous record was 63°F in 1967.

The Richmond International Airport had an average maximum temperature of 68.0 which was a departure of -2.3°F . The average min. temperature of 43.4°F was a departure of -2.7°F . The minimum average temperature for April tied with 1937 for the 22nd lowest average minimum for April in the past 121 years. The Airport's mean temperature for April of 55.7°F was a -2.5°F departure and was the 31st coolest since 1897. The highest maximum temperature in April was 84°F that occurred on the 13th and the lowest minimum temperature was 33°F which occurred on the 5th, 7th, 8th. The daily temperature range on the 30th was 36°F which was the highest temperature range for the month but only 17 Aprils since 1897 have had a lower temperature range recorded in April. April on average has the highest temperature range of all the months and averages 39.2°F .

The Richmond International Airport had 3.58 inches of precipitation for April which was the 44th wettest April since 1887. The 3.58 inches was a $+0.31$ -inch departure from the average of 3.27 inches.

The Airport reported a trace of snow in April for the first time since 2013. The last measurable snow for Richmond in April was one inch on April 7, 2007 and before this it was 0.2 inches on April 7, 1990. The latest measurable snowfall for Richmond in the past 121 years was 0.2 inches on April 21, 1953. In the past 121 years in Richmond there have only been 14 days with measurable snow.