

September 2018

Springfield Park Glen Allen, VA

September at Springfield Park was the warmest, wettest, greatest number of days with measurable rain, most humid (+11.7% departure), the lowest temperature range (-3.8°F departure) and the cloudiest on record, an exceptional month. The monthly mean temperature was 75.8°F a +4.3°F departure when compared to the ave. The lowest minimum temperature for the month was only 57°F; this was a 7.7°F departure. The ave. minimum temperature was 68°F a new record for the month. The month's maximum temperature of 96°F on Sep. 3rd was 2.4°F above the ten-year ave. monthly maximum. Because of the cloudiness and high relative humidity, the ave. temperature range was only 15.6 degrees for Sep. The month also had the highest maximum dew point of 80.6°F for Sep. The ave. ground temperature at a foot averaged 77.0°F a new maximum record. There were 14 nights that the minimum didn't dropped below 70°F a 10.1°F departure. Looking at the graph for Sep and the min. temperature departure you see the high min. temperatures not the high max. temperatures made September's warmth.

The heavy rain and tornado threats in western Henrico on the 17th were responsible for our high precip. total that was 4.01 inches more than the Richmond International Airport. The 8.54 inches of precip. for Sep was a 4.66 inch departure with a record 18 days of measurable precipitation. The 3.03 inches on the 17th was the 2nd most precip. for the day and for 24 hours and the 17th recorded the most precip. in one hour and the most in a 5-minute period for Sep. Springfield Park also averaged the highest barometer for Sep. of 30.11 inches.

Richmond International Airport

The Richmond International Airport's ave. mean temperature was 76.4°F a departure of +5.8°F and the 4th warmest since 1880 and the second warmest since 1897. The ave. maximum was 84°F, a 2.8°F departure, and the ave. minimum was 68.9°F which was a +8.8°F departure and was the highest in the past 138 years. This Sep had 6 days with temperatures of ≥90°F; last year it was 3 days. The ave. temperature range was 15.1°F a departure -5.6°F, the lowest temperature range on record since 1897 for Sep. The highest temperature range for Sep. was only 23°F on the 29th which was the lowest maximum temperature range ever recorded for Sep since 1897. The highest max. temperature was 94°F on the 3rd and the lowest minimum temperature was 57°F on the 29th which is the 2nd highest minimum on record for Sep. since 1897. Also, the highest minimum was 75°F on the 4th which was the 10th highest minimum temperature for Sep.

The 4.53 inches of precip., a departure of 0.40 inches, made it the 39th wettest Sep. since 1897. The Richmond International Airport recorded 17 days of measurable precip. giving a departure of +8.6 days and the only Sep. that had more was 1888 in the past 146 years.

The Richmond International Airport had 5 records-

Sep-04th 75°F tied the record for the highest min. temperature set in 2012

Sep-04th 83.5°F tied the record for the highest mean temperature set in 2015, 1953

Sep-07th 73°F tied the record for the highest min. temperature set in 1985, 1912

Sep-17th 74°F new record - the old record for the highest min. temperature 73°F in 1991

Sep-26th 73°F new record-the old record for the highest min. temperature 70°F in 1977, 1970