

September 2019

Springfield Park Glen Allen, VA

September with 0.17 inches of precipitation was not only the driest September on record but the driest of all months at this station. The previous driest Sep. had 1.52 inches in 2013 and the previous driest month was 0.46 inches in November 2012.

It had also the least rain in any 24-hour period, 5-minute period, and 1-hour period in September. Sept. had only 5 days with measurable precip. which tied 2009, and 2013 for the least number of days of precipitation.

The monthly mean temperature was 75.76°F a +3.9°F departure. Last year it was 75.78°F nearly the same but 2018 had 8.54 inches of precipitation a record high and this year had only 0.17 inches a record low. The ave. maximum was 86.6°F a 5.1°F departure, and the ave. minimum was 64.9°F which was a 2.5°F departure. The lowest minimum temperature for the month was 47.9°F on the 20th and the highest was 96.5 °F on the 12th which was 3.2°F above the 11-year average monthly maximum. September had the 3rd clearest skies in the past 11-years and the clear nights and clear days gave a large average temperature range of 21.6°F. Last year's average was only 15.6 °F because of all the rain and cloudiness. This September had 11 days with temps. of ≥90°F; the previous record was 6. September also had 20 days with temperatures of ≥85°F; the previous record was 14. The graph for September shows few negative temperature departures.

Richmond International Airport

The Richmond International Airport's had 0.42 inches of precipitation because they had 0.38 inches from Dorian on the 6th and Springfield Park had only a trace. It was the driest Sep. at the Airport since 2005 when they had only 0.08 inches which was the driest Sep. since 1872. The 0.42 inches was also the driest month since November of 2012 when 0.27 inches was recorded. It tied for the 5th driest month since 1872. **(2005 0.08, 1884 0.15, 1978 0.26, 1906 0.35, 1895 0.42)** The Airport had only 3 days with precipitation; only September of 1922 had less since 1887.

The ave. mean temperature was 76.3°F a departure of +5.7°F and the 5th warmest since 1880 and the 3rd warmest since 1897. The mean for September 2018 was 76.4°F. The ave. maximum was 87.6°F, a 6.4°F departure, and the ave. minimum was 64.9°F which was a 4.8°F departure. This Sept. had 12 days with temperatures of ≥90°F. The ave. temperature range was 22.7 a 2.0 °F departure; last year it was 15.1°F, a departure -5.6°F, and the lowest temperature range on record since 1897 for Sept. The highest temperature range for Sept. was only 35°F on the 21st which was the highest temperature range for Sept. since 1994. The highest max. temperature was 98°F on the 12th and the lowest minimum temperature was 49°F on the 20th. Only 12 years have had a higher maximum temp. for Sept. since 1897. The lowest max. temp. for Sept. was 75°F on the 19th; only two years have had a higher reading which were 1968 and 1954.

The Richmond had 7 daily records in records back to 1897.

Sep-12th 98°F tied the record for the highest max. temperature for the date set in 1900

Sep-13th 5°F a new record low temp. range for the date; the previous record was 7°F in 1966.

Sep-28th 93°F tied the record for the highest max. temp. for the date set in 1954.

Sep-28th 70°F tied the record for the highest min. temp. for the date set in 2015.

Sep-28th 81.5°F a new record for the high mean temp. for the date; the previous record was 79.5°F in 1998.

Sep-29th 94°F new record high max. temp. for the date; the previous record 92°F in 1973 and 1954.

Sep-29th 82.0°F a new record for the high mean temp. for the date; the previous record was 79.0°F in 1954.