

# October 2020

## Springfield Park, Glen Allen, VA

October had only 9 days with measurable precip but was the wettest October on record with 6.64 inches and a 2.27 inch departure. August was also the wettest on record and Springfield Park already has 50.13 inches for 2020. The remnants of Zeta gave 1.43 inches on the 29<sup>th</sup> and a night-time cold front with thunder added an additional 1.30 for a total of 2.73 inches. From 4 AM of the 29 to AM of the 30<sup>th</sup> 2.55 inches was recorded in 24 hours, the 3<sup>rd</sup> greatest for October in 24 hours.

The highest temperature for the month was only 84.3°F on the 24<sup>th</sup> which was a -2.8°F departure in the past 12 years. The average maximum temperature was 71.9°F, a 0.7°F departure, and the average minimum temperature was 51.6°F which was a 1.2°F departure. The monthly mean temperature was 61.8°F, a departure of 1.2°F, and was the 5<sup>th</sup> warmest October on record in the past 12 years. The lowest minimum temperature was 38.0°F on the 16<sup>th</sup> and 31<sup>st</sup> a 4.2°F departure with a little frost on roofs but no killing frost. The average temperature range of 20.3°F for October was a -0.7°F departure.

The average relative humidity was 80.5% a new record for October and a departure of 5.8%. On the 12<sup>th</sup> the relative humidity never fell below 97% during a rainy day.

The maximum wind gust of 34 mph was recorded from the remnants of Zeta on the 29<sup>th</sup>.

## Richmond International Airport

The Richmond International Airport's average mean temperature was 62.3°F a departure of 2.6°F and only 18 Octobers have been warmer since 1897. The average maximum was 72.2°F, a 1.2°F departure, and the average minimum was 52.4°F which was a 4.1°F departure and was the 14<sup>th</sup> warmest since 1897. October's highest temperature was 84°F on the 24<sup>th</sup>. The warmest day was the 21<sup>st</sup> with a daily mean of 72.5°F. Last year the maximum for the month was 98°F on the 2<sup>nd</sup>. October had 21 days the high temperature was equal to or higher than 70°F. The lowest maximum temperature for October was 56°F on the 31<sup>st</sup> which was also the coolest October day with a daily mean of 48.0°F. The lowest monthly minimum temp. was 40°F on the 31<sup>st</sup>. Only three Octobers since 1897 have had a warmer monthly minimum greater than 40°F for October. The highest temperature range for October was only 29°F on the 6<sup>th</sup>. Only four Octobers since 1897 have had a lower maximum temperature for the month.

The Richmond International Airport had only one daily record for the month. (Richmond Records since 1897). The minimum temperature range was only 4°F on the 11<sup>th</sup> tying the minimum temperature range for the date; the previous years for this range were 1952 and 1903.

The Airport had 5.63 inches of precipitation, a departure of 2.65 inches, with 8 days of measurable precipitation.