

## April 2020

### Springfield Park, Glen Allen - Henrico Co., VA

April was the second wettest on record with 4.68 inches of precipitation and a 1.35 inch departure with 17 days of measurable precipitation which set a new record for the month; the previous record was only 13 days. The 1.44 inches of precipitation that fell on the 30<sup>th</sup> tied for the 2<sup>nd</sup> greatest precip. in a day in April and was 31% of April's total precip. The cloud cover for April was 4<sup>th</sup> highest on record. The average relative humidity for the month was 69.2% and was 5.1% above the average making it the 2<sup>nd</sup> highest average relative humid on record for April. On April 7<sup>th</sup> during a thunderstorm 0.24 inches of rain was recorded in 5 minutes which set a new 11-year 5 minute record for the station for April.

April's mean temperature of 56.6°F was the 3<sup>rd</sup> lowest on record with a departure of -2.7°F. The average maximum of 68.2°F was the 3<sup>rd</sup> lowest for April with the average minimum temperature of 44.7°F in the past 11 years. April's monthly maximum temperature of 82.2°F on the 13<sup>th</sup> was the 2<sup>nd</sup> lowest maximum temperature on record for April. The lowest monthly maximum was 81°F in 2015. When looking at the graph for April, note the nights where cool and below average about 75 percent of the month. The warmest night was on April 13<sup>th</sup> with a minimum of 59.6°F which was the coolest high minimum for any April in the past 11 years. The lowest minimum temperature was 33.3°F recorded on the 19<sup>th</sup> with a light patchy frost. But no freezing temperatures were recorded in April which has occurred only 4 times in the past 11 years. The average temperature range for April was 23.8°F which was 4<sup>th</sup> highest on record. The maximum range for April was 35°F on April 19<sup>th</sup> which was the 2<sup>nd</sup> lowest maximum temp. range on record for April. On April 13<sup>th</sup> at 8:35 AM a 43 mph wind gust from the SSE was recorded which was a new high wind record for Springfield Park and it didn't occur during a thunderstorm.

### Richmond International Airport

April had 18 days with measurable precip. which ties with 1918 for the most in the past 133 years. April was the 19<sup>th</sup> wettest April since 1887 with 4.71 inches of precipitation which was a departure of 1.44 inches above the average. The greatest daily precipitation was 1.70 inches on the 30<sup>th</sup> which was 36 percent of the month's total. Only 14 years have had more precipitation in April in a calendar day. This was also a daily record for the 30<sup>th</sup>; the previous record was only 0.93 inches in 1895.

The average maximum temperature of 68.7°F was a departure of -1.6°F. The average minimum temperature of 45.1°F was a departure of 1.0°F. The average mean temperature was 56.9°F which was the 52<sup>nd</sup> coolest April since 1897 and a negative 1.3°F departure. The highest temperature for April was only 83°F on the 13<sup>th</sup>. Only 11 of the 123 years have had a lower reading and the lowest is 80°F. The maximum temperature range for April was only 35°F and only 8 years in the past 123 years have had a lower maximum temp. range for April; the record low range was 32°F in 1911.

#### The Airport had 2 daily records for April.

On the 22<sup>nd</sup> the 33°F record low minimum temperature; the previous record was 34°F recorded in 1953, 1950, and 1934.

On the 30<sup>th</sup> the 1.70 inches of precipitation was a new record; the previous record was only 0.93 inches recorded in 1895.