

## March 2019 - Springfield Park, Glen Allen, VA

March was a little colder than average with near average precipitation. The mean temperature for March was 46.7°F which was a departure of -1.5°F. March had two cool periods (4<sup>th</sup>-10<sup>th</sup> & 17<sup>th</sup>-23<sup>rd</sup>) and two warm periods (13<sup>th</sup>-16<sup>th</sup> & 23<sup>rd</sup>-31<sup>st</sup>). Springfield Park had 14 days that the minimum temperature was ≤32°F. The average is 11.4 days. The 78.0°F on the 29<sup>th</sup> was the maximum for March. The minimum temperature was 21.4°F on the 7<sup>th</sup>. This is the first March since 2014 that the maximum temperature never reached 80°F. March had only 6 days that the high temperature was ≥70°F and the average is 7 days. The maximum temperature range for March was 40.7°F on the 24<sup>th</sup> which was the 2<sup>nd</sup> highest range on record for March. The average ground temperature at one foot for the month was 48.1°F which was a -0.2° departure. The average relative humidity was 65.7% which was a +2.0% departure for March.

The 3.54 inches of precipitation for March was a -0.02 inch departure on the 10-year average and the 6<sup>th</sup> wettest on record. The most precipitation in a one day was 1.84 inches on the 21<sup>th</sup> which was a new record for March. There were 13 days with measurable precipitation which was the 2<sup>nd</sup> greatest for March at Springfield Park.

The maximum wind gust during March was 36 mph which occurred on the 15<sup>th</sup> at 1159 hours from the SSE, which ties for the 2<sup>nd</sup> lowest on record for March. On March 15<sup>th</sup> a wind run of 214.1 miles was recorded the 3<sup>rd</sup> highest on record. This was the highest reading since March 2, 2018 when 237.2 miles was recorded.

The highest barometer was 30.51 inches on the 27<sup>th</sup> which is the 4<sup>th</sup> highest March barometric pressure for Glen Allen. The lowest reading was only 29.62 inches on the 22<sup>nd</sup> which was the highest minimum reading for Springfield Park on record. (Records for 10 years) There wasn't even a trace of snow in March which was the first time on record for this station.

## March 2019 - Richmond International Airport

The average maximum temperature was 58°F which was -2.0°F lower than average. The average minimum was 36.2°F which was -0.8°F lower than average. The mean temperature for March was 47.2°F which was -1.4°F below the thirty-year mean temperature. This was the 50<sup>th</sup> coldest March on record since 1897. March had only 6 days that the high temperature was greater than or equal to 70°F. The highest temperature was 77 °F on the 14<sup>th</sup>, 29<sup>th</sup>, 30<sup>th</sup> and the lowest temperature of 21 was on the 7<sup>th</sup>. This March had 12 days that the minimum temperature was ≤32°F.

The total precipitation for March was 3.86 inches which is a departure of -0.18 inches making it the 49<sup>th</sup> wettest March since 1887. March had 13 days with measurable precipitation and was the wettest since 2013 when 5.57 inches was recorded.

The Richmond International Airport had one daily record this March. The 63°F minimum temperature on 15<sup>th</sup> was a new high minimum record for the date in March; the previous record was 60°F in 1913 and 1946. Only 9 times since 1897 has March had such a warm night; the record high minimum for the month of March is 68°F in 1913. The highest daily temperature range for March was 43°F on the 24<sup>th</sup> which was the greatest recorded in March since 1994 when another 43°F range occurred. Only 8 years has March seen a higher daily temperature range since 1897.

There wasn't even a trace of snow in March which was the first time since 2007.