

March 2020 - Springfield Park, Glen Allen, VA

March was the cloudiest with the highest average relative humidity, lowest ave. temp. range, second driest and second warmest on record. Only 2012 was warmer and only 2016 drier. The mean temperature for March was 55.2°F which was a departure of 7.1°F. Most of March was above average as the graph shows particularly on the minimum temps. Springfield Park had only 3 days that the minimum temperature was $\leq 32^{\circ}\text{F}$; the average is 11.6 days or a negative 8.6 day departure. The highest min. temp. was 70°F on the 20th which was the highest on record for March. The 87.8°F on the 20th was a new maximum temp. for March. The minimum temperature was 20.8°F on the 1st. March had 10 days that the high temperature was $\geq 70^{\circ}\text{F}$ and the average is 6.9 days. This was the cloudiest March on record and clouds reduced the temp. range. The 20.5°F average temp. range was also the lowest on record for March. The average ground temperature at one foot for the month was 51.7°F which was a 3.5° departure. The average relative humidity was 67.7% which was a 3.8% departure for March. The dew point on March 29th was also a new record high for March topping 70°F.

The 2.30 inches of precipitation for March was a -1.26-inch departure on the 11-year average and the driest since 2016. There were 10 days with measurable precipitation; only 2018 had less for March.

The maximum wind gust during March was 35 mph which occurred on the 3rd & 10th which ties for the lowest on record for March. But the ave. daily wind run was 101 miles and the total wind run for March of 3131.3 miles. They are both new records for March.

The highest barometer was 30.62 inches on the 8th. The lowest reading was 29.56 inches on the 3rd which was the 4th highest minimum reading on record.

There wasn't even a trace of snow in March which was the 2nd time on record for this station. The winter season had only 0.1 inches of frozen precip. the least on record. (Springfield Park has 11 years of records.) Even with the 0.3 inches of snow in November it was the least snow on record for the winter season; the previous minimum record was 1.7 inches in the winter of 2008-09.

March 2020 - Richmond International Airport

The average maximum temperature was 64.9°F which was a 4.9°F departure. The average minimum was 44.7°F which was 7.6°F departure. The mean temperature for March was 54.8°F which was 6.2°F above the 30-year mean temperature. **This was the 4th warmest March on record since 1880.** The 3 warmer Marches were in 1945 58.5°F, 2012 58.3°F, and 1921 57.6°F. The lowest maximum temp. for March was 49°F on the 23rd an only 2 years in March has the temp. been higher. The highest minimum temp. or warmest night in March was 65°F that occurred on the 20th and only 4 nights have been warmer in March since 1897. The highest temperature was 88°F on the 20th and 29th, and the lowest temperature of 21 was on the 1st. This March had only 2 days that the minimum temperature was $\leq 32^{\circ}\text{F}$. This is the least since 1945 and only 1903 had less since 1897.

The total precipitation for March was 2.66 inches which is a departure of -1.38 inches making it the 43rd driest March since 1887. March had 11 days with measurable precipitation.

The Richmond International Airport had two daily record this March. The 88°F maximum temperature on the 20th was a new high record for the date in March; the previous record was 85°F in 1948. The daily mean temp. of 76.5°F was a record high daily mean temp. on the 20th; the previous record was 75°F in 1945. Only 4 times since 1897 has March had such a warm daily mean; the highest daily mean is 78.5 in 1907. The average daily temperature range for March was 20.1°F the 27th lowest since 1897.

There wasn't even a trace of snow in March and for the winter season Dec, Jan, Feb the total snowfall was only 0.6 inches the least since the winter of 2008-09.