

Glen Allen Summary March 2018

Why March even seemed colder than it was, as the mean temperature for March was a full 4.0°F colder than February, quite an anomaly. March was the 2nd coldest, with 2013 being the coldest, and the third driest on record at Glen Allen. The monthly mean temperature was 42.9°F, a -5.9°F departure based on a 9-year average. Glen Allen had 18 days that the minimum temperature was $\leq 32^{\circ}\text{F}$. The 82.2°F on the 29th was the maximum for March. The minimum temperature for March was 22.5°F on the 14th. In March of 2012, Glen Allen had 6 days that the maximum temperature was $\geq 80^{\circ}\text{F}$; this month had only one. March had only 3 days that the high temperature was $\geq 70^{\circ}\text{F}$ and the average is 7.4 days but March 2012 had 19 days. The maximum temperature range for March was 33°F on the 29th which was the lowest maximum range on record for March at this station. The average ground temperature at one foot for the month was 47.2°F which was a -1.2° departure. The ave. relative humidity was 66.1% which was the 2nd highest for March.

The 2.62 inches of precipitation for March was a -1.05-inch departure on the 9-year average and the 3rd driest. The most precipitation in a 24-hour period was 0.98 inches on the 20th and 21th. March had only 9 days with measurable precipitation the least on record for the Glen Allen station and 4 were ≤ 0.10 inches. The total snowfall was 6.2 inches for the month, a departure of +3.0 inches and the 3rd greatest amount for March.

The maximum wind gust during March was 43 mph which occurred on the 2nd at 1443 hours from the WNW, the 3rd highest on record for March and was Glen Allen's windiest March with a wind run of 3034.4 miles. March 2nd had a wind run of 237.2 miles making it the windiest March day since January 17, 2012 with 247 miles.

March was the 2nd clearest on record.

The highest barometer was 30.67 inches on the 26th which is the 4th highest March barometric pressure for Glen Allen. The lowest was only 29.48 inches on the 1st.

Richmond International Airport

The average maximum was 53.9 °F and only 15 times has March had a lower average maximum temperature since 1897. The mean temperature for March was 43.9°F which was -4.7°F below the thirty-year mean temperature. This was the 22nd coldest March on record since 1897. March had only 3 days that the high temperature was greater than or equal to 64°F. The highest temperature was 83 °F on the 29th and the lowest temperature of 24 on the 17th. This March had 16 days that the minimum temperature was $\leq 32^{\circ}\text{F}$ and only 13 years of the 121 years have had more.

The total precipitation for March was 2.33 inches which is a departure of -1.71 inches making it the 31st driest March since 1897. March had only 8 days with measurable precipitation and only 13 Marchs have had fewer precipitation days.

There were two days with measurable snow in March giving a total of 4 inches which was a departure of +3.4 inches.

The Richmond International Airport had one daily record this March.

The lowest daily temperature range for March was 3°F on the 21st which tied with 1903 and 1924 for the lowest daily temperature range for the date in the past 121 years.