

December 2019

Springfield Park, Glen Allen, Virginia

December was the 4th warmest and the 7th wettest on record. There were only 7 daily records at the Springfield Park Station for the 11-year period which is the least on record since recording all daily records. The monthly mean temperature was 43.3°F, a 1.0°F departure from the 11-year average and the warmest December since 2015. December had its highest maximum temperature of 72.6°F on December 30th but had only 2 days of ≥65°F for the month. The 72.6°F was the highest temp. recorded in December since 2015 when 76 was recorded which is the highest on record for December. The Airport recorded 73°F on the 30th which was a new daily record for the date. December had 17 days that Springfield Park had temperatures that were ≥32°F. Only five Decembers in the past 11-years have had more. The lowest temperature was only 19.6°F occurring on the 19th.

The highest barometric pressure for December was 30.76 inches recorded on the 12th and the lowest was 29.37 inches on the 14th which was the lowest since Jan 20, 2019 when it was 29.29 inches. The highest wind was 27 mph on the 30th at 1042 which was the lowest maximum wind speed for the month of December.

The precipitation total for the month was 3.32 inches which was an -0.87 inch departure based on an 11-year average. There were 10 days with measurable precipitation and cloudiness was almost normal but was the clearest since 2014. The most precipitation in a calendar day was only 0.65 inches which was the 2nd least on record. The 0.67 inches in a 24-hour period set a new record for the least for a 24-hour period in December. The total precipitation for the year was 48.91 inches which was a 1.18 inch surplus.

Richmond International Airport

The total precipitation for 2019 was 42.88 inches which was a 0.72 inch deficit for the year making this year a little below average in precipitation. The 30-year average for Richmond is 43.60 inches. The 3.27 inches of precipitation for December made it the 53rd wettest December in the past 132 years and the average for December is 3.26 inches. Richmond had 11 days with precipitation in the month.

The mean temperature for the Richmond International Airport was 44.0°F which was a departure of 3.0°F. This December was the 18th warmest in the past 122 years. The lowest maximum temperature of 38°F for December occurred on the 19th. The lowest minimum temperature was 22°F. Only 9 years in the past 122 years have had a higher minimum temp. for December. The low temperature range occurred on the 2nd and was 9°F with a high of 51°F and a low of 42°F. The maximum temp. range was 34°F on the 26th with a high of 64°F and a low of 30°F.

Richmond set one daily maximum temperature record this month of 73°F on December 30th; the previous record was 72°F in 1990 and 1996.

The Richmond International Airport had only 2.6 inches of snow for 2019. The annual average is 10.3 inches. This is the lowest yearly snowfall total since 2008 when only 1.8 inches was recorded. December had only 0.1 inch of snow. The 30-year average snowfall for December is 2.1 inches