

January 2019 Springfield Park, Glen Allen, Virginia

January had only some minor extremes and a balance of these gave a near average month. The departures are small for the month. January was the fourth cloudiest month recorded at this station in the past ten years. January had 11 days with measurable precipitation which was a 1.7 day departure and had the 5th lowest precipitation amount in the past 10 years. The average relative humidity for January was 72 percent, the highest departure for January, at +6.7 percent for the month which was related to the higher than average cloud cover.

The average minimum temperature was 29.0°F a 1.9°F departure for January. The highest minimum was 43.6°F a -3.0 departure. The highest maximum of 68.0 on the 1st was exactly average for January. The average ground temperature at one foot for January was 43.6°F a departure of 1.8°F for the month. January's monthly mean temp. was 38.4°F, a +1.3°F departure. There were 2 days that the maximum temperature was 32°F or less and 20 days the minimum temperature was below freezing during the month; the average is 21.4°F or a -1.4 day departure. The minimum of 10.7°F on the 22nd was the lowest minimum for the month a 3.2°F departure. The 33.9°F temperature range on the 20th was the largest temperature range for January and the 3.3°F was the least on the 13th.

The highest barometric pressure was 30.77 inches on January 22nd which was the second highest pressure ever recorded at this station for January and the highest since February 13, 2018 when the pressure was 30.81 inches. The lowest barometer was 29.29 on the 20th which tied for the 3rd lowest in January in the past ten years. The Springfield Park station broke 20 ten-year daily records which was also near average for January.

The precipitation for January was 2.94 inches, a departure of -0.40 inches and the 5th driest January. The month had 11 days with measurable precipitation which is near average for January.

The snowfall for January was 3.0 inches which was a -2.5 inch departure. The maximum wind for the month was 32 mph on the 31st which was a -3.4 mph departure.

The Richmond International Airport

The Airport had no new daily records for January an indication of no real extreme weather. The 13°F temperature on January 31st was the lowest temperature for January and the 68°F on the 1st was the highest for January. The 4°F temperature range on the 13th was the lowest for the month; only 24 January months have had less. The 34°F range on the 20th & 23rd was the highest temp. range. The mean temperature was 39.1°F with a departure of 1.2°F making it the 47th warmest mean in 122 years. The average minimum temperature was 29.9°F which was a 1.6°F departure. The average maximum temp. was 48.3 a departure of 0.9°F. The maximum temperature was below freezing on only two days. The minimum temp. was below freezing on 19 days.

The 2.62 inches of precipitation was a departure of -0.42 inches making it the 51st driest January since 1887. The 1.5 inches of snow was a -2.4°F departure and the Airport had 11 days with measurable precipitation.