

June 2019

Springfield Park, Glen Allen, VA

June had a great dichotomy in precipitation. Between June 5th and June 13th Springfield Park had 8.04 inches of precipitation or 95% of the month's rainfall. On the 7th and 8th Springfield Park had 4.32 inches in 24 hours. This was the second greatest rainfall in 24 hours on record in the past ten years. The record is 6.10 inches in 24 hours on May 17th and 18th 2018. June's precipitation departure was +3.86 inches. It seems incredible that lawns and gardens were suffering by the month's end from drought conditions. But this period of excess was followed by 17 days with only 0.04 inches of additional rainfall. Also, the deficit period had 9 days with temperatures $\geq 90^{\circ}\text{F}$. Thunder was heard on only 3 days during June which tied for the least on record for June and none of the 3 thunderstorms was severe. The 3.81 inches on the 7th was the greatest rainfall on record for a calendar day in June. The 8.44 inches total for the month was also the greatest total on record for June. The 2.40 inches in one hour on the 7th was the second greatest hourly maximum rainfall for Springfield Park for June and the third greatest for all months. June had 3 days with an inch or more rain for the day; only June 2015 had more with 4 days.

The mean temperature for June was 75.2°F with a -0.9°F departure which was the third coolest June on record. The highest temperature for the month was 95.7°F on the 29th. There were 8 days the minimum temperature was $\geq 70^{\circ}\text{F}$ and the average is 9 days. The maximum average temperature for June was 85.4°F a -0.9°F departure. The average minimum temperature for June was 65.0°F a -0.7°F departure. The lowest temperature was 49.4°F on the 4th which is the lowest on record for June at this station. Springfield Park had 25 new daily records for the 10-year data base. The highest daily temperature range in June was 32°F which tied for second place for June. June was a windy month with a total wind run of 2018.1 miles for the month, a new record. The average wind run for the day, the maximum wind run for the day, and the highest minimum wind run for the day were all new records. The relative humidity average for June was 74.1% which was the 4th highest in the past 10 Junes.

The maximum wind for June at this station, 31 mph on the 5th at 1602 preceding a thunderstorm, tied for third lowest maximum wind speed for June as there weren't any strong thunderstorms

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Richmond International Airport

The Richmond International Airport had 5.14 inches of precipitation for June which was a +1.21-inch departure, making it the 42nd wettest June on record since 1897. There were only 11 days with precipitation and 2 days had more than one inch of rain on the 7th and 10th. The most rain in a day was 1.69 inches on June 7th.

The Airport's maximum temperature average for June was 85.9°F a -0.2°F departure. The Airport's highest maximum temperature for June was 97°F on the 29th and lowest maximum temperature for June was 75°F on the 7th. The Airport had 9 days the maximum temperature was $\geq 90^{\circ}\text{F}$.

The Airport's minimum temperature average for June was 65.8°F a +1.3°F departure. The Airport's lowest minimum temperature for June was 52°F on the 4th and highest minimum temperature for June was 75°F on the 25th. The Airport had 10 days the minimum temperature was $\geq 70^{\circ}\text{F}$.

The Airport's mean temperature for June of 75.8°F was a +0.5°F departure and the 27th warmest since 1897. The daily high mean temperature (hottest day) for June was 84.0°F on the 30th. The daily lowest mean temperature (coolest day) for June was 65.5°F on the 4th.

The max temperature range for June was 28°F on the 15th, 24th and 29th and only 11 years have had a lower monthly maximum temperature range for June. The average daily temperature range was 20.1 °F, a -1.3°F departure and the lowest temperature range was 6°F on June 4th. The Airport did not set any new daily records in June.