

## August 2019 Springfield Park

August was the wettest and the third most humid on record with a tease of fall on the cool mornings of the 29<sup>th</sup> and 30<sup>th</sup>. The 7.96 inches of rain for August was a +3.90-inch departure based on a 11-year average. August had 2.81 inches on the 3<sup>rd</sup> and 4<sup>th</sup> which was the 2<sup>nd</sup> most rainfall in a 24 hour period. The month had 13 precipitation days and tied for the 3<sup>rd</sup> most on record for August. Springfield Park's 19.08 inches of precip. for the summer made 2019 the 2<sup>nd</sup> wettest summer. The record was 19.75 inches in the summer of 2013. The Richmond International Airport had only 2.29 inches which was a -2.37-inch departure and 5.67 inches less than the Springfield Park Station.

The monthly mean temperature for August was 78.2°F which was only +0.5 °F departure based on a 11-year average. The maximum temperature for August was 97.1°F on the 19<sup>th</sup> and the warmest night was 74.4°F also on the 19<sup>th</sup>. August had 17 days of ≥90°F the 3<sup>rd</sup> greatest number of ≥90°F days for August. The lowest August minimum was 58.6°F on the 30<sup>th</sup> and there were 12 nights the temperature was ≥70°F.

The max. wind gust was 31 mph on the 22<sup>nd</sup> from a quick evening thunderstorm.

The summer had 34 days with measurable precipitation; only 3 years had more in the past 11 years.

Summer 2019 Springfield Park, Henrico County, Glen Allen, Virginia									
2019 Summer Season Table	11Yr. Ave. Mean Temp.	Mean Temp. °F	Temp. Dep. °F	11Yr. Ave. Precip. Ave.	Total Prec. inches	Precip. Dep. inches	11Yr. Ave. Rel. Hum.	Rel. Hum. %	Rel. Dep. %
June	76.17	75.23	-0.93	4.58	8.44	3.86	71.3	74.1	2.8
July	79.86	81.80	1.94	4.39	2.68	-1.71	70.3	72.4	2.1
Aug.	77.68	78.17	0.49	4.06	7.96	3.90	72.7	78.5	5.8
SUM AVE.	233.71	235.2	1.49	13.03	19.08	6.05	214.2	224.9	10.7
	77.90	78.40	0.50	4.34	6.36	2.02	71.4	75.0	3.6

## Richmond International Airport

The Richmond International Airport's average mean temperature was 79.0°F a departure of +1.5°F and the 15<sup>th</sup> hottest since 1897. The average maximum was 89.6°F, a 2.0°F departure, and the average minimum was 68.4°F which was a 1.0°F departure. This August had 18 days with temperatures of ≥90°F and 13 nights the low temperature was ≥70°F; the average is 10.9 for the 121-year period. The maximum daily temperature range for the month was 33°F on the 30<sup>th</sup> and the minimum range was 13°F on the 16<sup>th</sup>. The highest monthly temperature was 99°F on the 19<sup>th</sup>. The lowest maximum temperature was 79°F on the 26<sup>th</sup>. The lowest minimum temperature was 59°F on the 30<sup>th</sup>.

The Airport had only 2.29 inches of precipitation, a departure of -2.37 inches which made August the 23<sup>rd</sup> driest since 1897. Only 22 years since 1897 have had a lower precipitation total for August. The Airport had 13 days of measurable precipitation.

The Richmond International Airport had 3 daily records or ties for August all on the 19<sup>th</sup>. On August 19<sup>th</sup> the minimum temperature of 74°F tied with 2019, 2017, 2009, 1901, 1900 for the highest min. temperature for the date and the maximum for the 19<sup>th</sup> was 99 °F a new record for the date, as well as, the daily mean temp. of 86.5°F for the 19<sup>th</sup>.

Summer Richmond Climate Report						
2019 Summer Season Table	30Yr. Ave. Mean Temp.	Mean Temp. °F	Temp. Dep. °F	30Yr. Ave. Precip. Ave.	Total Prec. Inches	Prec. Dep. Inches
June	75.3	75.8	0.5	3.93	5.14	1.21
July	79.3	81.5	2.2	4.51	6.22	1.71
Aug.	77.5	79.0	1.5	4.66	2.29	-2.37
SUM AVE.	232.10	236.3	4.2	13.10	13.65	0.55
	77.4	78.8	1.4	4.37	4.55	0.18