

August 2020 Springfield Park

August had the greatest number of days with measurable precipitation more than any month in the past 12 years and the wettest August and the second wettest of all months. August was also the most humid on record and the second cloudiest on record.

The 10.96 inches of rain for August was a +6.54-inch departure based on a 12-year average. August had 3.27 inches on the 15th and 16th which was the 2nd most rainfall in a 24-hour period. The month had 21 precipitation days, not only the most on record for August, but the most for all months.

The monthly mean temperature for August was 78.9°F which was only +1.2°F departure based on a 12-year average. The maximum temperature for August was 95.2°F on the 2nd and the warmest night was 75.7°F on the 29th. August had 12 days of equal to or greater than 90°F. The lowest August minimum was only 62.8°F on the 17th and there were 20 nights the temperature was equal to or greater than 70°F. The average temperature range for August was only 17.4°F which was a new record for August. The 72.3 average dew point temperature for Aug. was a new record. August, with 21 days of rain, contributed to the highest average relative humidity record for August.

The max. wind gust was only 29 mph on the 4th from the remains of Isaias.

Summer 2020	2020	Springfield Park, Henrico County, Glen Allen, Virginia							
Summer Season Table	12Yr. Ave. Mean Temp.	Mean Temp. °F	Temp. Dep. °F	12Yr. Ave. Prec.	Total Prec. inches	Precip. Dep. inches	12Yr. Ave. Rel. Hum.	Rel. Hum. %	Rel. Dep. %
June	76.09	75.69	-0.40	4.93	4.79	-0.14	71.5	74.6	3.1
July	80.02	83.22	3.19	4.24	5.79	1.55	70.4	71.9	1.5
Aug.	77.72	78.93	1.20	4.42	10.96	6.54	73.0	78.5	5.5
SUM AVE.	233.83	237.8	4.00	13.58	21.54	7.96	215.0	225.0	10.0
	77.94	79.28	1.33	4.53	7.18	2.65	71.7	75.0	3.3

Springfield Park's 21.54 inches of precip. for the summer made 2020 the wettest summer on record.

The summer had 43 days with measurable precipitation; only 1 year had more in the past 12 years.

The summer of 2020 was also had the highest average relative humidity in the past 12 years.

Richmond International Airport

The Richmond International Airport's average mean temperature was 79.2°F a departure of +1.7°F and the 14th hottest since 1897. The average maximum was 87.6°F, a 0°F departure, and the average minimum was 70.9°F which was a 3.5°F departure. Only 2 Augusts had a higher average minimum temperature since 1897. This August had 10 days with temperatures of equal to or greater than 90°F and 22 nights the low temperature was equal to or greater than 70°F; the average is 11 for the 123-year period. The average temperature range for August was only 16.7°F because of the high humidity, rain and clouds; only 6 years have had a lower range for August since 1897. The highest daily temperature range for the month was 23°F on the 27th and only 2 Augusts have had lower since 1897. The minimum range was 8°F on the 15th. The highest monthly temperature was 96°F on the 2nd. The lowest monthly maximum temperature was 76°F on the 15th. The lowest minimum temperature for August was 64°F on the 17th and only 2 Augusts were warmer in the past 123 years, 1898 and 1900.

The Airport had 15.34 inches of precipitation, a departure of +10.68 inches which made August the 2nd wettest since 1872 or 148 years. Only Aug. of 2004 has had more precipitation with 16.30 inches.

2020	Richmond International Airport					
Summer Season	30Yr. Ave. Mean Temp.	2020 Mean Temp.	2020 Temp. Depart. °F	30Yr. Ave. Precip. Average	2020 Total Precip	2020 Precip. Depart.
June	75.3	75.30	0.0	3.93	5.25	1.32
July	79.3	82.90	3.6	4.51	2.80	-1.71
Aug.	77.5	79.24	1.7	4.66	15.34	10.68
SUM	232.10	237.4	5.34	13.10	23.39	10.29
AVE.	77.4	79.1	1.78	4.37	7.80	3.43

The 23.39 inches precip. for the summer makes this the wettest summer since 2004 when 32.65 inches was recorded. The summer average temp. of 79.1°F makes 2020 the 5th warmest summer since 1880 and July was the warmest July on record.

The Richmond International Airport had 5 daily records or ties for August.

1. On August 24th the minimum temperature of 75°F tied with 1968 for the highest min. temperature for the date.
2. On August 29th the minimum temperature of 78°F was a new record; the previous record was 74°F set in 2018, 2006, 1993, 1900. Only 4 Augusts since 1897 have had a higher minimum temperature.
3. The 3.61 inches of precipitation on the 4th was the greatest precip. for the date; the previous record was 2.50 inches in 1948. Only 7 Augusts have had a daily rainfall of more than the 3.61 inches.
4. The 2.57 inches of precipitation on the 6th was the greatest precip. for the date; the previous record was 2.13 inches in 1901.
5. The Airport had 7 days with more than 1 inch of precipitation which is a new record since 1880; the previous record was 5 set in 2004.