

## Glen Allen Springfield Park, Virginia May 2019

May's mean temperature was 72.6°F a +4.0°F departure and the 2<sup>nd</sup> warmest May on record for Glen Allen; 2018 was the warmest. It was the first time Springfield Park had seven 90°F days in May; the previous 10-year record was only four. The average maximum was 83.5°F a +4.5°F departure and the average minimum was 61.7°F a +3.4°F departure. The maximum temperature for May was 94.2°F on the 29<sup>th</sup> which tied for the highest temperature recorded at this station in May. The month's lowest minimum was 41.8°F on the 15<sup>th</sup>. **Note that on the graph for the month both the maximum and minimum were above the average for most days of May and the 13<sup>th</sup>-16<sup>th</sup> were the only really cool days.** May was not only warm but humid on many days. The average relative humidity was 74.6 percent which tied for the third highest for May. The average ground temp. at 1 ft. was 69.9°F the highest on record for May.

May, with 3.77 inches of precipitation, was the 4<sup>th</sup> driest May on record and had much less than the Airport with 5.83 inches giving them a 2.05 inch surplus. The 1.31 inches of rain on the 31<sup>st</sup> at Springfield Park was 53% of our total May precipitation.

The total wind run of 2198.1 miles which was the second greatest for May. The average daily wind run was 70.9 miles which was also the second greatest on record for May. The maximum wind for the month was only 24 mph on the 23<sup>rd</sup> and only May 2015 had a lower maximum wind for May. May had only 4 days with thunder which tied for the second least on record for May.

May was the third clearest on record with only 10 days with measurable rainfall.

2019 Spring Springfield Park, Glen Allen, Virginia											
Months	TEMPERATURE					PRECIPITATION			SNOW		
	Max.	Min.	Mean	10 Yr. Ave.	Depart.	Total	10 Yr. Ave.	Depart.	Total	10 Yr. Ave.	Depart.
Spring											
Mar.	57.55	35.83	46.69	48.22	-1.5	3.54	3.56	-0.02	0	3.5	-3.5
Apr.	73.23	49.88	61.56	59.02	2.5	3.63	3.30	0.33	0	0.1	-0.1
May	83.46	61.68	72.57	68.60	4.0	3.77	5.41	-1.64	0.0	0.0	0.0
SUM	214.24	147.39	180.82	175.83	5.0	10.94	12.27	-1.33	0.0	3.6	-3.6
AVE.	71.41	49.13	60.27	58.61	1.7	3.65	4.09	-0.44	0.0	1.2	-1.2

This was the 4<sup>th</sup> driest spring at Glen Allen Springfield Park but there were 34 spring days with measurable rainfall which is average. This was also the third warmest spring after the record in 2012 and second 2010.

## Richmond International Airport

**May was the 3<sup>rd</sup> warmest since 1880 and the warmest was 2018.**

The mean temperature for May was 72.7°F a +6.3°F departure which made it the 3<sup>rd</sup> warmest May on record since 1880. Since 1880 the warmest May mean temperature was 73.4°F in 2018 and the second warmest was 73.1°F in May 2004.

The average maximum for May was 83.5°F a +5.6°F departure and the 4<sup>th</sup> warmest since 1897. The average minimum was 61.9°F a +6.9°F departure and the 3<sup>rd</sup> warmest on record since 1897.

The maximum temperature for May was 95°F on the 29<sup>th</sup>. Only 6 Mays have had a higher May temperature since 1897. The lowest recorded temperature in May was 44°F recorded on the 15<sup>th</sup>.

The average temperature range for May was 21.6°F which was the 35<sup>th</sup> lowest temperature range for the month. The highest temperature range during May was 29°F on May 15<sup>th</sup> and May 23<sup>rd</sup>. Only the year 2011 equaled this low temperature range. The 83.0°F daily mean temperature on the 29<sup>th</sup> was the 4<sup>th</sup> highest on record for May

The Richmond International Airport had 5.83 inches of rain which actually made this May the 15<sup>th</sup> wettest since 1887. Thunderstorms cause great variability in precipitation amounts.

The 1.77 inches of rain that fell on the 31<sup>st</sup> was the 15<sup>th</sup> greatest daily rain in May since 1887.

## Spring 2019 Richmond International Airport

Month	TEMPERATURE					PRECIPITATION			SNOWFALL INCHES		
	Max.	Min.	Mean	30 Year Average	Dep.	Actual	30 Year Average	Dep.	Actual	30 Year Average	Dep.
Mar.	58.0	36.3	47.20	48.6	-1.4	3.86	4.04	-0.18	0.0	0.6	-0.6
Apr.	73.6	50.8	62.20	58.2	+4.0	3.08	3.27	-0.19	0.0	0.1	-0.1
May	83.5	61.9	72.70	66.4	+6.3	5.83	3.78	2.05	0.0	0	0.0
SUM	215.1	149.0	182.1	173.2	8.9	12.77	11.09	1.68	0.0	0.7	-0.7
AVE.	71.70	49.7	60.7	57.7	3.0	4.26	3.70	0.56	0.0	0.2	-0.2

The 2019 spring season was the 6<sup>th</sup> warmest since 1880 as April of 2019 was the second warmest April since 1880 and May was the 3<sup>rd</sup> warmest May since 1880. May was the 35<sup>th</sup> wettest since 1872.

**The Richmond International Airport had 6 daily records that either tied or were broken.**

### Record High Minimums

May 04<sup>th</sup> 68°F new record - the old record 66°F in 1942

May 26<sup>th</sup> 70°F tied the record set in 2006, 2011.

May 29<sup>th</sup> 71°F new record - the old record 70°F in 1908, 1959, 2012,

### Record High Means

May 04<sup>th</sup> 77.5°F new record - the old record 76.5°F in 1942, 1958

May 26<sup>th</sup> 81.5°F tied the record set in 2011.

May 29<sup>th</sup> 83.0°F new record - the old record 82.5°F in 1991