

Springfield Park, Glen Allen February 2020

February's mean temperature was 44.6°F, a +3.0°F departure and the 4th warmest Feb. The warmest day was on the 4th as the daily mean was 57.5°F. The lowest max. for the month was 40°F on the 20th the highest ever recorded for a low maximum in February. There were 15 days below freezing a departure of -2.4 days; the average is 17.4 days. The month had 4 periods warmer than average and 4 periods colder than average as can be observed from the graph.

The 3.78 inches of precipitation makes this February the 4th wettest on record with a departure of 0.83 inches. The 1.61 inches of precip. in a calendar day on the 6th and the high 24-hour precipitation amount on the 6th-7th of 1.74 inches were both the 2nd highest recorded for February. February had 14 days with measurable precipitation which tied for the most on record. This month was also the 3rd cloudiest February on record; the record was set in 2018. The average relative humidity was 71.9% and tied for the 2nd highest for February. The average temperature range was 20.2°F which was the 4th lowest on record for February. The average relative humidity was 71.9 percent, the 2nd highest on record, and on the 26th the relative humidity never dropped below 97 percent which was a new record.

The maximum wind gust during February was 50 mph which was a new record for the month occurring on February 7th. This was also the second highest wind ever recorded at this station for any month. (11 years of records) The wind run for the month was 2375 miles the 2th highest for February. The highest barometer recorded for the month was 30.68 inches on the 15th which was the 4th highest for Feb. The lowest was 29.06 inches on the 7th and was the lowest minimum barometric pressure on record for February and the lowest barometer since Hurricane Sandy on October 29, 2012. Springfield Park had only a trace of snow in February a giving a -3.9 inch departure.

Winter Season December, January, February 2019-20											
Month	TEMPERATURE °F					PRECIPITATION Inches			SNOWFALL inches		
	Max.	Min.	Mean	11Yr.Ave.	Dep.	Actual	11Yr.Ave.	Dep.	Actual	11Yr.Ave.	Dep.
Dec.	53.2	33.4	43.3	42.4	0.9	3.32	4.11	0.79	0.1	5.3	-5.2
JAN	52.6	32.7	42.7	37.2	5.4	3.38	3.30	0.08	T	5.3	5.3
FEB	54.7	34.4	44.5	41.5	3.0	3.78	2.95	0.83	T	3.9	3.9
SUM	160.5	100.5	130.5	121.1	9.4	10.48	10.37	0.11	0.1	14.5	-14.4
AVE.	53.5	33.5	43.5	40.4	3.1	3.49	3.46	0.04	0.0	4.8	-4.8

Springfield Park had 10.48 inches of precipitation the 6th wettest winter in the past 11 winters, a surplus of only 0.61 inches. The average winter precip. is 9.87 inches. The mean temperature this winter was 43.5°F which was 3.2°F warmer than average. The warmest winter was 44.2°F in 2016-17 and the coldest winter was 2009-10 when the average temp. was only 35.9°F.

Richmond International Airport

The Richmond Airport had 5 daily recs for February. (1) The highest daily temp. range was 38°F on the 23rd; the previous record was 37°F in 1942, 1943, 2014. (2) The 72°F max. temp. on the 4th tied the record in 1991. (3) The min. temp on the 4th of 57°F was a new record; the previous record was 51°F in 1952. Only 9 years have had a warmer min. since 1897. (4) The daily mean temp on the 3rd was 58.5°F and tied with 1989. (5) The daily mean for the 4th of 64.5°F was a new record; the previous record was 60°F in 1957.

The max. temp. this month was 72°F on the 3rd& 4th. The minimum temperature this month was 20°F on the 22nd. The average max. temp. was 54.7°F a departure of 3.4°F. The ave. min. temp. of 35.2°F was a departure of 4.7°F. February's mean temperature was 45°F a departure of 4.1°F. February was the 9th warmest since 1897 and the 14th warmest since 1880. Feb. lowest max. temp was 39°F; only 5 years were warmer since 1897.

Only 10 years since 1887 have had more precip. than the 1.60 inches of rain on the 6th. The total precipitation for February was 3.59 inches with a surplus of 0.83 inches making it the 46th wettest February since 1887 and the 49th wettest since 1872. The airport had 13 days with precip. and 0.5 inches of snow on the 20th. February had a negative 3.3-inch snowfall departure.

Winter Season December, January, February 2019-2020											
Month	TEMPERATURE °F					PRECIPITATION Inches			SNOWFALL inches		
	Max.	Min.	Mean	30 Yr. Ave.	Dep.	Actual	30 Yr. Ave.	Dep.	Actual	30 Yr. Ave.	Dep.
Dec.	53.74	34.23	43.98	41.0	3.0	3.27	3.26	0.01	0.1	2.1	-2.0
JAN	52.58	33.77	43.18	37.9	5.3	3.59	3.04	0.55	Trace	3.9	-3.9
FEB	54.69	35.24	44.97	40.9	4.1	3.59	2.76	0.83	0.5	3.4	-2.9
SUM	161.01	103.24	132.13	119.8	12.3	10.45	9.06	1.39	0.6	9.4	-8.8
AVE.	53.7	34.4	44.0	39.9	4.1	3.48	3.02	0.46	0.2	3.1	-2.9

Richmond had its 6th warmest winter since 1880. The Airport had 10.45 inches of precip. this winter which was a 1.97-inch surplus for the winter season making this the wettest winter since 2015-16 when 13.59 inches of precip. was recorded.