

Glen Allen November 2018

This November was the second wettest on record (records since 2008) as the monthly precipitation was 6.12 inches, a +2.53 inch departure when compared with Glen Allen's ten-year average. There were 12 precipitation days in November tying the record for the month and November was the 4th cloudiest on record and had the 2nd highest relative humidity average.

The maximum temperature for November was only 72.5°F on the 1st day which was a new record monthly low and Nov. also set a new record low heat index of 65.6°F. The lowest max. temp. was 35.8°F on the 23rd which was the lowest max. temp. on record for Nov. The monthly mean temperature of 46.2°F was the 3rd lowest on record. The month had 4 days with the maximum temperature of ≥ 70°F the third lowest on record. The lowest minimum was 21.8°F recorded on the 29th and was the 4th lowest for the month. The highest min. temp. was 65°F on the 2nd which is a new record high minimum for November. There were 11 days that the minimum temperature was less than or equal to 32°F which was -2.3 departure. The cloudy days and high relative humidity of November gave low daily temperature ranges. The average daily temp. range 18.0°F was a new record low average for November. The highest temp. range of 32°F on the 20th was also a record low for November. The maximum barometer reading for the month was 30.60 inches occurring on the 23rd. The maximum wind gust was only 32 mph on the 2nd.

2018 AUTUMN SEASON SEP, OCT, NOV									
Winter Season Months	Mean Temp. °F	10 - YR Ave. °F	Temp. Dep. °F	Total Prec. Inches	10 - YR Ave. Inches	Prec. Dep. Inches	Total Snow Inches	10 - YR Ave. Inches	Snow Dep. Inches
SEP.	75.8	71.5	4.3	8.54	3.88	4.66	0.0	0.0	0.0
OCT.	61.9	60.1	1.8	6.41	3.74	2.67	0.0	0.0	0.0
NOV.	46.2	49.1	-2.9	6.12	3.59	2.53	0.0	0.0	0.0
SUM AVE.	183.9	180.8	3.2	21.07	11.21	9.87	0.0	0.0	0.0
	61.3	60.3	1.1	7.02	3.74	3.29	0.0	0.0	0.0

It is surprising that the fall season was +1.9°F warmer than normal because Sep. was the warmest on record and Oct was 3rd warmest on record.

Glen Allen had the wettest autumn with 21.07 inches of precipitation and a departure of +9.86 inches and the previous record was only 13.88 inches in 2015.

Richmond International Airport

The average November mean temperature was 47.3°F a -3.2°F departure which was the 33rd coldest Nov. since 1897. Nov. has had only 9 higher min. temp. than the warm 64°F min. of the 2nd since 1897. Nov. has had only 16 Novembers with a lower maximum temp. of 37°F on the 23rd. Only 18 years since 1897 has the high temp. for the Nov. been lower than the 74°F on the 1st. The lowest min. temp. of 26°F occurred on the 29th. The average daily temperature range was only 17.5°F; only 4 years had a November with a lower ave. The max. temperature range for Nov. was 28°F on the 20th which was the 2nd lowest in 121 years. Only 1929 had a lower average since 1897 which was the result of many cloudy days and nights and high relative humidity with the very wet month.

The 5.65 inches of precipitation recorded this month was the 13th wettest Nov. of the past 131 years. This was a +2.41 inch departure from normal with a total of 10 days with measurable precipitation. The Airport's greatest daily rainfall was 1.37 inches on the 24th. No snow occurred during the month in Richmond but points both north and west had snow and ice on the 23rd. The 1.22 inches of rain on the 5th was a new daily record for Richmond; the previous record was 0.81 inches in 1939.

2018 AUTUMN SEASON SEP, OCT, NOV									
Winter Season Months	Mean Temp. °F	30 - YR Ave. °F	Temp. Dep. °F	Total Prec. Inches	30 - YR Ave. Inches	Prec. Dep. Inches	Total Snow Inches	30 - YR Ave. Inches	Snow Dep. Inches
SEP.	76.4	70.6	5.8	4.53	4.13	0.40	0.0	0.0	0.0
OCT.	62.5	59.7	2.8	6.04	2.98	3.06	0.0	0.0	0.0
NOV.	47.2	50.5	-3.3	5.65	3.24	2.41	0.0	0.2	-0.2
SUM AVE.	186.1	180.8	5.3	16.22	10.35	5.87	0.0	0.2	-0.2
	62.0	60.3	1.8	5.41	3.45	1.96	0.0	0.1	-0.1

The Richmond International Airport's fall season temp. was +1.7°F warmer than normal based on a 30yr. average.

Remember Sept. was the 2nd warmest since 1897 and October was the 10th warmest since 1897.

The precipitation surplus for the fall season was +5.87 inches based on a 30-year average.

The Airport's average autumn temp was 62.0°F the warmest fall since 2007 when it was 63.0°F.

The autumn season with 16.22 inches was the 9th wettest fall since 1872. The wettest was 2006 with 22.31 inches.

2018 with a total of 60.28 inches is now the 4th wettest on record since 1872. The record is 72.02 inches in 1889 and with December's precipitation should end up in second or third place. The years 2003 had 63.29 inches and 1975 had 61.31 inches.