

# June 2017

## Glen Allen

June had a large difference in precipitation at the Glen Allen station and the Richmond International Airport. The 4.77 inches monthly precipitation at Glen Allen was a positive departure of 0.70 inches and the Airport had a negative 1.60 inches departure. Glen Allen had 6 days in June with measurable precipitation and a dry period of 13 days with only 0.53 inches of rain from May 29<sup>th</sup> to June 13<sup>th</sup>. The Glen Allen station had 2.44 inches more precipitation this month than the Richmond International Airport. Thunderstorms have caused varying rainfall amounts over the region. Thunder was heard on three days during June. The thunderstorm of June 16<sup>th</sup> was not a severe storm but gave the Glen Allen station 1.93 inches of precipitation the most since October 8, 2016 when tropical storm Matthew gave 2.81 inches of rain. This was also the second greatest rainfall in a day for June. The maximum wind for June here was 38 mph on the 19<sup>th</sup> at 3:56 PM in the thunderstorm.

The mean temperature for June was 75.2°F with a negative 1.1°F departure. The highest temperature for the month was 93°F on the 12<sup>th</sup> and only 5 days had a maximum temperature of ≥90°F which is the 2<sup>nd</sup> least on record. The lowest temperature was 52.7°F on the 9<sup>th</sup>. The highest dew point temperature for June was 79.0°F on the 13<sup>th</sup>.

It is interesting that the largest rain of the month occurred on the same date as the severe thunderstorm of June 16, 2016 and that the minimum temperature for the month on the 9<sup>th</sup> occurred on the same date as the June minimum of 2016. The first 15 days of June 2016 was also dry with only 0.42 inches of precipitation.

## Richmond International Airport

The Richmond International Airport had 2.33 inches of precipitation for June which was -1.60 inches departure and only 29 years in the past 130 years have been drier. This was the driest June since 2010 when only 0.82 inches was recorded and had only 6 days with precipitation. The Airport's June total precipitation was much less largely because the Airport had 1.49 inches less rain on the 16<sup>th</sup> and 17<sup>th</sup> than the Glen Allen station. The Richmond International Airport had no daily records for June.

The Richmond International Airport had an average minimum temperature of 64.6 which was a departure of +0.1°F. The average maximum temperature of 85.6 which was a departure of -0.5°F. The Airport's mean temperature for June of 75.1°F was a -0.2°F departure and the 82<sup>nd</sup> coolest since 1897.

The highest daily maximum temperature was 94°F on the 11<sup>th</sup> and the lowest minimum temperature was 53°F which occurred on June 9<sup>th</sup>.