

2017 Year in Review

Daily Records Broken or Tied – 44 Records Richmond International Airport Records

Period of Records 120 yrs. 1897-2017, (for precipitation 130 yrs.

<http://www.glenallenweather.com/upload/richmondclimate/richmond.htm>

Click the above link to see other Years.)



Record High Maximums 6

- Feb 07th 74°F new record - the old record 70°F in 2008
- Feb 08th 75°F tied the old record set in 1925.
- Feb 12th 82°F new record - the old record 74°F in 1999
- Feb 23th 75°F tied the old record set in 1985 and 1925.
- Mar 01st 81°F new record - the old record 80°F in 1976, 1918
- Jul 12th 98°F tied the old record set in 1986, 1937, 1936, 1925.



Record Low Maximums 2

- May 12th 54°F tied the old record set in 2008.
- Dec 28th 27°F new record - the old record 28°F in 1924



Record Low Minimums 1

- Jan 09th 0°F new record - the old record 1°F in 1940



Record High Minimums 12

- Feb 08th 55°F new record - the old record 52°F in 1965
- Apr 28th 66°F new record - the old record 65°F in 1935
- Apr 29th 73°F new record - the old record 67°F in 1956
- Apr 30th 70°F new record - the old record 63°F in 2014, 1991, 1915
- May 01st 69°F tied the old record set in 1947.
- Jul 13th 77°F new record - the old record 76°F in 2006, 1992, 1909
- Aug 19th 74°F tied the old record set in 2009, 1901, 1900.
- Sep 27th 72°F new record - the old record 71°F in 1920, 1900
- Oct 08th 73°F new record - the old record 69°F in 1900
- Oct 09th 73°F new record - the old record 71°F in 1959
- Oct 10th 72°F new record - the old record 69°F in 1959
- Oct 11th 72°F new record - the old record 70°F in 1990



Record High Daily Mean 8

Feb	08 th	65.0°F new record - the old record 61.5°F in 1965
Feb	12 th	64.0°F new record - the old record 59°F in 1932
Mar	01 st	68.5°F new record - the old record 66°F in 1976
Apr	29 th	80.5°F new record - the old record 79°F in 1974
Apr	30 th	78.0°F new record - the old record 76.5°F in 1974
Jul	13 th	88.0°F new record - the old record 86.5°F in 1986
Oct	08 th	79.0°F new record - the old record 78.5°F in 2007
Oct	10 th	79.0°F new record - the old record 77.5°F in 1939



Record Low Daily Mean 1

Sep	02 nd	62.0°F new record - the old record 62.5°F in 1915
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High Daily Temperature Range 4

Feb	17 th	39°F new record - the old record 38.0°F in 2011
Feb	18 th	41°F tied the old record set in 1994 and 1947.
May	14 th	37°F tied the old record set in 1941 and 1940.
Nov	25 th	40°F tied the old record set in 1950.



Low Daily Temperature Range 7

Jan	21 st	4°F new record - the old record 5°F in 2010
Jan	22 nd	3°F tied the record set in 2010.
May	12 th	4°F new record - the old record 5°F in 1960
Jul	29 th	7°F tied the record set in 1991 and 1960.
Aug	29 th	6°F tied the record set in 1935.
Oct	14 th	4°F tied the record set in 1914 and 1912.
Dec	09 th	1°F new record - the old record 2°F in 1975



High Daily Precipitation 2

Mar	31 st	1.45 inches new record - the old record 1.15 inches in 1935
Oct	11 th	1.91 inches new record - the old record 1.51 inches in 1902



High Daily Snowfall 1

Jan 07th 7.0 inches new record - the old record 5.5 inches in 1912

Other Highlights:

April 6, 2017 1243 to 1245 Small pea size hail in a thunderstorm with little lightning and winds to 33 mph and 0.90 inches rainfall.

May 27, 2017, a thunderstorm approached the Springfield Park area from the west southwest coming roughly down Route 64. At 5:36 PM Glen Allen had a wind gust to 29 mph that was followed by the beginning of small hail that was approximately 0.5 inches in diameter and lasted for about one minute. At 5:38 PM large hail began to fall that was approximately 1.5 to 2.0 inches in diameter. Note the time on the radar capture image is 5:38 PM and you can see the area of hail at its maximum diameter. The area of hail was bounded by Nuckols Road on the north, Springfield Road on the east, Broad Street on the south, and Innsbrook on the west. The Springfield Park Glen Allen station is located at the center of this perimeter. Some of the hailstones were flat like platelets about three quarters of an inch thick and some were even larger upwards to 2 inches. See image three in the link below that shows many of the hailstones. Our area was fortunate however because the large hail soon tapered back to ½ inch in approximately 1 minute. The hail stopped by 5:40 PM and only the rain continued. The rain ended at 6:25 PM but was soon followed by a second thunderstorm giving rain from 6:35 PM and ended at 11:35 PM as the second thunderstorm was followed by general area of rain. Many roofs were replaced this summer in the area covered by this storm.

Total rainfall was 0.49 inches 1736 to 1825 the thunderstorm then more rain from 2120 to 2335.

The highest wind gust was 29 mph at 1536 in a thunderstorm with a little less lightning than an average thunderstorm for Glen Allen.

<http://www.glenallenweather.com/historylinks/2017/may/2017-05-27 Hail.pdf>