

## Extremes for West Henrico Co. - Glen Allen from Jul. 2008 to Present

Updated Jan - 15- 2020

Month	Day	Year	TEMPERATURE - Records since July 2008
07	08	2012	Record Highest daily maximum temperature was 105.1 degrees.
02	16	2015	Record Lowest daily maximum temperature was 21.1 degrees.
07	06	2012	Record Highest daily minimum temperature was 80 degrees.
01	07	2018	Record Lowest daily minimum temperature was -1.4 degrees. Richmond airport had -3°F.
02	20	2015	Record Lowest dew point temperature was -14.6°F at 1:01 am.
07	08	2012	Record Highest daily mean temperature was 91.5 degrees.
02	20	2015	Record Lowest daily mean temperature was 10.9 degrees.
01	06	2014	Record Highest daily range of temperature was 45 degrees.
03		2009	Record Highest temperature range for a month was 76 degrees.
03	01	2009	Record Lowest daily range of temperature was 1 degree.
07		2012	Record Highest monthly average temperature was 82.71 degrees.
02		2015	Record Lowest monthly average temperature was 30.74 degrees.
07		2019	Record number of >=90 degrees days in the month was 24 days.
07		2010	Record number of >=90 degrees days in the year was 72 days.
12		2010	Record number of days minimum was <=32 degrees in the <u>month</u> was 30 days.
		2010	Record number of days minimum was <=32 degrees days in the <u>year</u> was 93 days.
01		2018	Record number of days maximum was <=32 degrees days in the <u>month</u> was 7 days.
		2015	Record number of days maximum was <=32 degrees days in the <u>year</u> was 9 days
		2016	Record number of days maximum was <=32 degrees days in the <u>year</u> was 9 days
Month	Day	Year	PRECIPITATION - Records since July 2008
		2018	Greatest yearly precipitation total was 67.49 inches..
		2012	Least yearly precipitation total was 34.12 inches.
	Fall	2018	Greatest seasonal precipitation was 21.07 inches.
	Winter	2012	Least seasonal precipitation was 5.97 inches.
05		2018	Greatest monthly rainfall was 11.82 inches.
09		2019	Least monthly rainfall was 0.17 inches.
05	17-18	2018	Greatest 24-hour rainfall was 6.10 inches.
10	11	2018	The 2nd Greatest 24-hr. rainfall was 4.03 inches.
05	18	2018	Greatest calendar day rainfall was 5.09 inches.
06	02	2018	Greatest rainfall recorded in one hour was 2.63 inches in a thunderstorm.
08	10	2013	Greatest rainfall recorded in 5 minutes was 0.67 inches.
08		2018	Greatest number of days with measurable precip. in a month was 18 days.
09		2018	Greatest number of days with measurable precip. in a month was 18 days.
11		2012	Least number of days with measurable precip. in a month was 2 days
		2018	Year with the greatest number of days of = > 0.01 inches was ( 149 days ).
		2010	Years with the least number of days of = > 0.01 inches was ( 114 days).
Month	Day	Year	SNOWFALL - Records since September 2008
		2010	Greatest yearly snowfall total was 36.7 inches in 2010.
		2009-10	Greatest winter snowfall total was 41.6 inches in 2009 - 2010.
01		2016	Greatest monthly snowfall was 16.4 inches in Jan. 2016.
01	22-23	2016	Greatest 24-hour snowfall was 15.1 inches.
12	09	2018	Greatest calendar day snowfall was 11.9 inches.
01	23	2016	Maximum snow depth on the ground at any one time 13.0 inches.
02		2010	Maximum <u>DAYS</u> measurable snow was on the ground in one month 20 days
12		2010	Maximum number of days with measurable new snow in one <u>month</u> was 6 days.
01		2013	Maximum number of days with measurable new snow in one <u>month</u> was 6 days.
01		2014	Maximum number of days with measurable new snow in one <u>month</u> was 6 days.
		2010	Maximum number of days with measurable new snow in one <u>year</u> was 16 days.

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Month	Day	Year	BAROMETRIC PRESSURE	
02	31	2015	Highest barometer was 30.87 inches.	
10	29-30	2012	Lowest barometer was 28.96 inches from Hurricane Sandy	
01		2018	Highest average Monthly barometric pressure was 30.25 inches	
06		2009	Lowest average Monthly barometric pressure was 29.86 inches	
03		2010	Lowest average Monthly barometric pressure was 29.86 inches	
Month	Day	Year	WIND - Records since August 2008	
08	27	2011	Highest wind gust was 52 mph in Tropical Storm Irene	
08	27	2011	Highest daily wind run was 284.1 miles.- Records since 8-1-2008.	
04		2018	Highest monthly wind run was 3162.0 miles. - Records since 8-1-2008.	
07		2016	Lowest monthly wind run was 1007.9 miles. - Records since Aug. 2010.	
		2018	Highest yearly wind run was 25,753 miles. - Records since Aug. 2010.	
		2016	Lowest yearly wind run was 20,336 miles. - Records since Aug. 2010.	
Month	Day	Year	Thunder - Records since 2009	
08		2008	Greatest in one month was 10 days.	
07		2009	Greatest in one month was 10 days.	
		2012	Most thunder in one year was 47 days.	
		2017	Least thunder in one year was 26 days.	
Month	Day	Year	Sky Cover - Records since 2008	
09		2013	Clearest month 0.55 Units	
01		2017	Cloudiest month 1.63 Units	
		2010	Clearest year 0.96 Units	
		2018	Cloudiest year 1.20 Units	
Month	Day	Year	Days with Glaze - Records since 2008	
		2011	Max. Days in Yr. --- 6	
		2018	Min. Days in Yr. ----1	
			Yearly Ave. 3.4 days	
Month	Day	Year	Days with Sleet - Records since 2008	
		2013	Max. Days in Yr. --- 10 days	
		2018	Min. Days in Yr. ---- 02 days	
			Yearly Ave. 5.5 days	
Month	Day	Year	Days with Fog- Records since 2008	
9		2018	Max Fog in a month --- 11	
		2009	Max. Days in Yr. --- 47	
		2010	Min. Days in Yr. ---- 20	
			Yearly Ave. 31.6 days	
Month	Day	Year	Days with Dew - Records since 2008	
05		2014	Max Dew in a month --- 24	
08 & 10		2016	Max Dew in a month --- 24	
		2012	Max. Days in Yr. --- 183 days	
		2009	Min. Days in Yr. ---- 135 days	
			Yearly Ave. 155.5 days	
Month	Day	Year	Days with Frost - Records since 2008	
01		2015	Max Frost in a month --- 14	
11		2016	Max Frost in a month --- 14 and 5 other months from 2009 to 2013	
		2013	Max. Days in Yr. --- 69 days	
		2017	Min. Days in Yr. ---- 40 days	
			Yearly Ave. 52.8 days	
Days with Hail - Records since 2009				
Year	Month	Day	Time	SIZE - Additional information & years with hail and (2017 had 2 days with hail)
2009	June	03	1850	0.8 inches - The time was 1850 +/- 5 mins.
2010	-----	-----	-----	None
2011	March	21	0712-0714	0.25-0.30 inches
2012	June	25	1742-1748	0.4 inches or 3/8 inches - Glen Allen had 2 different rounds of hail about 10 mins.
2012	June	25	1757-1804	0.5 inches
2013	May	7	1755-1802	0.5 inches - Platelet shape hail 1758-1802 - Moderate damage to Tomatoes
2014	May	22	1643-1647	0.4-0.5 inches Hail accumulated on the lawn to and average depth of 0.5 inches
2015	-----	-----	-----	None
2016	April	7	1840-2040	Pea size hail lasting 1 to 2 minutes
2017	April	6	1243-1245	Pea size hail lasting 1 to 2 minutes
2017	May	27	1737-1740	2.0 inches the largest hail most about 1.5 to 1.75 inches - damages roofs
2018	May	10	1627-1631	0.5 inch hail - was enough to whiten the ground where there was no grass
2019	-----	-----	-----	None