

Aug 2016		West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz																
Aug 2016	Week Day	TEMPERATURE °F				TEMPERATURE °F				SKY		PRECIPITATION			FROZ. PRECIP.		1st PERIOD	
		MAX.	Time	MIN.	Time	RANGE	MEAN	CHANGE	SOIL	AM	PM	Liquid	1 Hr.	5 Min.	NEW	GROUND	START	END
Aug-01	Mon	91.8	15:22	71.4	0:54	20.4	81.6	0.0	81	0	2							
Aug-02	Tue	89.3	15:02	74.2	6:03	15.1	81.8	0.2	82	2	2	T	T	T			1345	1400
Aug-03	Wed	82.9	15:03	73.0	6:28	9.9	78.0	-3.8	81	2	2							
Aug-04	Thu	83.7	14:21	69.3	6:09	14.4	76.5	-1.5	80	2	2	0.01	0.01	T			1005	1035
Aug-05	Fri	85.4	16:59	70.3	4:07	15.1	77.9	1.3	79	2	2							
Aug-06	Sat	93.5	16:37	74.0	5:55	19.5	83.8	5.9	79	1	1	0.96	0.92	0.34			0050	0100
Aug-07	Sun	87.5	17:12	69.8	6:55	17.7	78.7	-5.1	80	1	0							
Aug-08	Mon	77.7	10:02	68.2	15:03	9.5	73.0	-5.7	80	2	2	0.28	0.16	0.04			1013	1105
Aug-09	Tue	85.8	16:54	67.5	6:36	18.3	76.7	3.7	78	2	2	0.23	0.17	0.05			0453	0650
Aug-10	Wed	91.6	14:59	73.5	6:31	18.1	82.6	5.9	78	2	1							
Aug-11	Thu	92.7	13:18	75.2	6:29	17.5	84.0	1.4	80	0	1							
Aug-12	Fri	94.2	14:51	76.1	6:29	18.1	85.2	1.2	81	0	0							
Aug-13	Sat	96.9	15:18	78.8	6:27	18.1	87.9	2.7	81	0	0							
Aug-14	Sun	98.1	15:25	78.1	6:38	20	88.1	0.3	82	0	0							
Aug-15	Mon	97.7	15:16	73.5	23:58	24.2	85.6	-2.5	82	0	1	0.12	0.12	0.02			1415	1420
Aug-16	Tue	95.3	15:40	73.5	0:01	21.8	84.4	-1.2	82	0	1	0.01	0.01	T			0001	0045
Aug-17	Wed	96.0	15:19	75.4	23:52	20.6	85.7	1.3	82	0	0	0.31	0.30	0.18			1937	2005
Aug-18	Thu	88.9	15:27	73.0	3:27	15.9	81.0	-4.8	82	2	1	0.01	0.01	T			0600	0635
Aug-19	Fri	90.2	14:20	72.3	4:35	17.9	81.3	0.3	81	1	2							
Aug-20	Sat	91.3	15:17	71.8	6:53	19.5	81.6	0.3	81	0	1							
Aug-21	Sun	93.3	15:22	74.5	6:20	18.8	83.9	2.4	81	1	2	T	T	T			2055	2105
Aug-22	Mon	86.0	15:00	63.5	6:34	22.5	74.8	-9.2	80	0	0							
Aug-23	Tue	84.6	14:26	64.7	3:45	19.9	74.7	-0.1	79	0	1							
Aug-24	Wed	87.2	16:48	63.5	6:34	23.7	75.4	0.7	78	1	1							
Aug-25	Thu	92.2	16:33	67.5	6:25	24.7	79.9	4.5	78	2	1							
Aug-26	Fri	97.2	14:45	74.0	6:51	23.2	85.6	5.8	79	0	0							
Aug-27	Sat	92.9	13:49	72.5	23:46	20.4	82.7	-2.9	80	0	0							
Aug-28	Sun	89.1	14:59	67.8	5:28	21.3	78.5	-4.3	79	1	0							
Aug-29	Mon	91.1	15:16	65.9	6:48	25.2	78.5	0.1	78	0	0							
Aug-30	Tue	93.1	15:06	69.5	6:51	23.6	81.3	2.8	79	0	0							
Aug-31	Wed	92.9	14:53	73.0	3:49	19.9	83.0	1.7	79	2	1	0.16	0.16	0.05			2158	2350
TOTAL		2810		2215		594.8	2512.7	1.4	2482	26	29	2.09	1.86	0.68	0.0	0.0	Col.26-27	
NUMBER		31	31	31	31	31	31	31	31	31	31	9	9	6	0	0	DAILY AVE RH	
AVERAGE		90.65	15:09	71.46	7:38	19.19	81.05		80.06	0.84	0.94	Ave. Tot.	Ave.Max	Ave.Max			73.5	Percent
NORMALS		86.97		67.39		19.58	77.18		77.47	1.06	1.11	4.38	2.07	0.35			71.8	Percent
DEPARTURES		3.68		4.08		-0.40	3.88		2.6	-0.22	-0.17	-2.29	-1.15	-0.01			1.7	Percent
Max ≥70°F	Dates	98.1		78.8		25.2	88.1	5.9	82.0	Whole Day		0.96	0.92	0.34			Precip	24 Hr.
31 DAYS	1	Aug-14		Aug-13		Aug-29	Aug-14	Aug-06	Aug-02	Average	1.08	Aug-06	Aug-06	Aug-06			Amount	0.96
Departure	2								Aug-14	Normal	1.08						Date	Aug-06
0.1	3								Aug-15	Depart	-0.19						Date	
MINIMUM	Dates	77.7		63.5		9.5	73.0	-9.2	78.0	SKY	AM	PM	≥ 0.10	INCHES	≥ 1.00	INCHES	≥ 2.00	INCHES
MIN >70°F	1	Aug-08		Aug-22		Aug-08	Aug-08	Aug-22	Aug-09	CLEAR	15	11	6	DAYS	0	DAYS	0	DAYS
22	2			Aug-24					Aug-10	PT.CLO.	6	11	HOTTEST	88.1	Highest	Lowest	COOLEST	73.0
DAYS	3								Aug-24	CLOUDY	10	9	DAY	8-14	Mean	Mean	DAY	8-08
Departure	≤32 °F	0	<=32 °F	0	MAX.	>=95	>=90	>=85	>=80	>=75	>=70	>=65	>=60	>=55				
11.6	≥90 °F	19	>=70 °F	22	DAYS	6	19	28	30	31	31	31	31	31				

20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38	
Aug 2016	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE				R																									
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG	DEW	FROST																				
Aug-01			16.0	11	11:56	99	54	30.06	29.97	29.89	-0.11																								P		
Aug-02			28.9	15	15:15	98	63	30.07	29.99	29.95	0.07																								4		
Aug-03			45.1	14	8:59	94	64	30.13	30.05	29.89	-0.06																								2		
Aug-04			30.0	14	16:15	93	60	30.15	30.06	29.93	0.03																								3		
Aug-05			31.2	15	14:03	96	66	30.07	29.91	29.96	0.04																								4		
Aug-06	1835	2020	34.5	25	18:19	98	52	29.91	29.76	29.92	-0.04																								1	P	
Aug-07			26.5	12	16:36	98	48	29.99	29.84	29.86	-0.07																								P		
Aug-08	1148	1210	24.9	14	10:34	98	71	30.14	29.99	29.94	0.08																								3		
Aug-09			9.1	6	12:18	99	70	30.22	30.13	30.01	0.07																								P		
Aug-10			47.4	19	14:40	100	55	30.23	30.13	29.98	-0.03																								5		
Aug-11			53.8	17	13:27	95	55	30.18	30.04	29.85	-0.14																								4		
Aug-12			77.3	21	11:57	94	56	30.05	29.93	29.95	0.10																								3		
Aug-13			98.5	21	10:31	92	51	30.00	29.91	30.09	0.14																								2		
Aug-14			46.7	14	3:31	91	44	30.11	29.98	30.18	0.09																								1		
Aug-15	1525	1530	37.3	20	21:38	94	46	30.27	30.09	30.15	-0.03																								1	3	
Aug-16			43.5	18	15:14	99	50	30.23	30.08	30.14	-0.01																								P		
Aug-17			48.1	34	19:37	96	44	30.14	30.01	30.09	-0.05																								2	N	
Aug-18			23.3	14	11:20	98	56	30.07	29.97	30.02	-0.07																								P		
Aug-19			18.3	13	9:01	98	48	30.01	29.90	29.97	-0.05																								4		
Aug-20			21.9	12	23:37	99	43	29.94	29.83	29.93	-0.04																								4		
Aug-21			54.6	25	15:20	96	51	29.92	29.76	30.04	0.11																								3		
Aug-22			41.4	17	13:17	95	40	30.22	29.92	30.11	0.07																								4		
Aug-23			18.4	12	10:03	95	48	30.34	30.21	30.00	-0.10																								4		
Aug-24			27.1	14	13:59	92	45	30.34	30.17	29.88	-0.12																								3		
Aug-25			59.5	19	10:47	95	50	30.19	30.03	29.92	0.03																								2		
Aug-26			32.5	14	11:57	91	45	30.10	30.01	30.01	0.09																								2		
Aug-27			41.5	14	14:27	95	37	30.19	30.07	30.11	0.11																								2		
Aug-28			29.0	14	17:21	99	49	30.25	30.13	30.19	0.08																								2	4	
Aug-29			27.8	14	10:55	98	41	30.19	30.08	30.18	-0.01																								4		
Aug-30			34.9	16	16:12	95	40	30.14	30.01	30.12	-0.06																								3		
Aug-31			30.0	14	13:47	92	44	30.05	29.87	30.03	-0.09																								2	2	
TOTAL			Column 23			1159.0	502		2972	1586	933.90	929.83	930.21	TOTAL	0	0	0	1	4	24	0																
NUMBER	Aug. Wind Run		31	31	31	31	31	31	31	31	31	31	NORMAL	0.0	0.0	0.0	4.4	6.1	17.7	0.0																	
AVERAGE	Total 1159.0		37.4	16.2	13:46	95.9	51.2	30.13	29.99	30.01	DEPART.	0.0	0.0	0.0	-3.4	-2.1	6.3	0.0																			
NORMALS	Miles 1197.4		38.7	16.1		94.4	49.3	30.05	29.93	29.99	DAYS																										
Departures	Miles -38.4		-1.3	0.1		1.5	1.9	0.07	0.07	0.02	OF ▶																										
MAXIMUM DATES			98.5	34	South	100	71	30.34	30.21	30.19	0.14	GLAZE	SLEET	SNOW	FOG	R	DEW	FROST																			
1			Aug-13	Aug-17	19:37	Aug-10	Aug-08	Aug-23	Aug-23	Aug-28	Aug-13	5. Very Heavy																									
2												4. Heavy-Unusual																									
3												3. Moderate - Ave.																									
4												2. Light - < Ave.																									
MINIMUM DATES			9.1	6		91	37	29.91	29.76	29.85	-0.14	1. Very Light - Slight - Trace																									
1			Aug-09	Aug-09		Aug-14	Aug-27	Aug-06	Aug-06	Aug-11	Aug-11	M - Event with intensity missing																									
2						Aug-26		Aug-21				P - Rain hindering Dew Observation																									
MIN. Days			<=80	<=75	<=70	<=65	<=60	<=55	<=50	<=45		N- NONE																									
			31	25	9	2	0	0	0	0																											

Aug 2016	REMARKS FOR THE MONTH August - 2016
Aug-01	AM WAS MOSTLY CLEAR BUT PM HAD CUMULUS WITH A BACKGROUND OF CIRROSTRATUS-MAX. DEW POINT 76.9°F AT 1144
Aug-02	CLOUDY MOST OF DAY EXCEPT PC FROM 1345-1445 AND A COLD FRONT PASSED AT 1515
Aug-03	TODAY WAS THE 14TH CONSECUTIVE DAY WITH A MIN. TEMP. OF 70°F OR ABOVE-TODAY WAS MOSTLY CLOUDY WITH LOW STRATUS AND CUMULUS-AM HAD ALTOCUMULUS
Aug-04	MOSTLY CLOUDY ALL DAY AND FIRST DAY IN 14 DAYS THAT MIN. TEMP. WENT BELOW 70°F
Aug-05	CLOUDY ALL DAY EXCEPT PC FROM 1630-1815-DEW POINT INCREASED IN PM AND MAXED OUT AT 75.5°F AT 1318-RAINBOW ARC OF 30-40 DEGREES
Aug-06	COLD FRONT PASSED AT 1820 TRIGGERING A TS WITH A LITTLE LIGHTNING BUT GAVE A MUCH NEEDED RAIN-HIGH DEW POINT OF 78°F -MOSTLY CLEAR 1015-1415 THEN
Aug-07	CLOUDY IN AM AND CLEARING STARTED BY 1000 AND WAS COMPLETELY CLEAR BY 1115
Aug-08	3RD PD. OF PRECIP. 1330-1820 THEN 3 MORE SPRINKLES BEFORE 2020-MOST OF PM HAD RAIN FROM A WARM FRONT WORKING NORTHWARD
Aug-09	WARM FRONT PASSED AT 0730-BROKEN OVERCAST 1500-1815 THEN CLOUDY TO DARK
Aug-10	CLOUDY AM BUT MAINLY THIN CIRRUS AT 0845 THEN PM HAD SCATTERED CUMULUS
Aug-11	CLEAR WITH EARLY CIRRUS TO 1100 THEN CUMULUS CAME IN AT 1115-1815 THEN CLEAR TO DARK
Aug-12	CLEAR WITH NO CLOUDS UNTIL 1045 THEN A FEW CUMULUS UNTIL 1245-PM WAS STILL ONLY 25-30% CLOUDY
Aug-13	MAX. DEW POINT 80.3°F AT 1248-HIGHEST MIN. OF 79°F EVER REC. FOR AUG. AT GLEN ALLEN-AM VERY CLEAR-PM EST. 15-20% CLOUDY WITH CUMULUS
Aug-14	MOSTLY CLEAR ALL DAY WITH A FEW CUMULUS AROUND NOON-DEW POINT 79.4°F AT 1036
Aug-15	VERY CLEAR UNTIL 1545-AT 1745 WE PASSED BET. THUNDERSTORMS TO OUR WEST AND EAST-MAX. DEW POINT 77.4°F AT 1539-3RD PD. PRECIP. 2200-2400
Aug-16	CLEAR AM WITH ONLY FEW CIRRUS-PM HAD SCATTERED CUMULUS STARTING AT 1415-MAX. DEW POINT 79.8°F AT 1151
Aug-17	NO DEW BECAUSE OF AM BREEZE-MOSTLY CLEAR UNTIL 1645-QUICK TS-AM HIGH REL. HUMIDITY WAS 88% AND PM TS INCREASED REL. HUMIDITY TO 96%
Aug-18	A LITTLE LIGHT AM RAIN THEN BROKEN SKY AFTER 1015 AND PC BY 1130-NO CUMULUS UNTIL 1530
Aug-19	HIGH DEW POINT 74.3°F AT 0815-AM EST. 50% CLOUDY AND PM ABOUT 70% CLOUDY
Aug-20	CLEAR AM WITH CUMULUS STARTING ABOUT 1045 THEN SCATTERED CUMULUS AT 1130
Aug-21	COLD FRONT GAVE VERY LITTLE RAIN TO MD, DC AND VA-WE HAD ONLY A TRACE-PRETTY SUNSET
Aug-22	FINALLY SOME COOLER WEATHER-HEAT AND HUMIDITY ARE REALLY BOTHERING PEOPLE
Aug-23	CUMULUS CAME IN AT 1115 AND WERE THICKER BY NOON BUT CUMULUS CLEARED BY 1600-PM WAS ABOUT 50-60% CLOUDY
Aug-24	BROKEN OVERCAST TO 1030 THEN CIRRUS TO 1230 AND CUMULUS STARTING AT 1245 THAT THEN INCREASED TO 1430 AND THEN DECREASED
Aug-25	THIN CIRRUS AND SUN THROUGH CIRRUS BUT OVERCAST WAS ALMOST COMPLETE-LESS CIRRUS BY 1500
Aug-26	VERY CLEAR AND HOT DAY-AIRPORT TIED THEIR MAX. FOR SUMMER AT 99°F
Aug-27	CLOUDS TO 0730 THEN A VERY CLEAR DAY WITH ONLY A FEW SCATTERED CUMULUS FROM 1145-1345 THEN ALL BLUE SKY-BIG PM DROP IN RH TO 37% LOWEST FOR AUG
Aug-28	A FEW FOG CLOUDS CLEARED AROUND 0900 AND PC TO 1015 THEN BECAME VERY CLEAR
Aug-29	AM HAD ABOUT 20-25% CIRRUS AND A FEW ALTOCUMULUS BUT PM WAS ALMOST TOTALLY CLEAR EXCEPT 1615-1700
Aug-30	VERY CLEAR DAY WITH HIGH DEW POINT OF 73°F AT 1112 - SOME PM CUMULUS AT 1530-1630- PM SKY EST. AT 20% CLOUDY
Aug-31	CLOUDY MOST OF THE MORNING UNTIL ABOUT 1115 - EVENING TS DEVELOPED OVER THE CHARLOTTSVILLE AREA AND MOVED EASTWARD TO GLEN ALLEN BY 2158

DATE

EXTENSION OF LENGTHY DAILY REMARKS

Aug-03 AND PM WAS MAINLY PARTLY CLOUDY FROM 1730-1830
 Aug-06 PC FROM 1545-SUNSET-AM ABOUT 60% CLOUDY

DAILY RECORDS FOR THE MONTH

Aug
2016

The Glen Allen Station had 31 Records or Record Ties in August 2016

1	
2	
3	The maximum temperature on the 3rd was 82.9°F, a new 8 year LOW daily maximum temperature record for the date - the old record was 84°F in 2014. The daily temperature range on the 3rd was 9.9°F, a new 8 year LOW daily temperature range record for the date - the old record was 15°F in 2014.
4	The daily temperature range on the 4th was 14.4°F, a new 8 year LOW daily temperature range record for the date - the old record was 15°F in 2011.
5	
6	The daily precipitation on the 6th was 0.96 inches, a new 8 year HIGH daily precipitation record for the date - the old record was 0.71 inches in 2013.
7	
8	The maximum temperature on the 8th was 77.7°F, a new 8 year LOW daily maximum temperature record for the date - the old record was 82.5°F in 2015. The daily temperature range on the 8th was 9.5°F, a new 8 year LOW daily temperature range record for the date - the old record was 14°F in 2013. The daily precipitation on the 8th was 0.28 inches, a new 8 year HIGH daily precipitation record for the date - the old record was 0.06 inches in 2012.
9	The daily precipitation on the 9th was 0.23 inches, a new 8 year HIGH daily precipitation record for the date - the old record was trace inches in 2011.
10	
11	
12	The minimum temperature on the 12th was 76.1°F, a new 8 year warm daily minimum temperature record for the date - the old record was 72°F in 2010 and 2009. The maximum temperature on the 12th was 94°F, a new 8 year HIGH daily maximum temperature record for the date - the old record was 93°F in 2010.
13	The minimum temperature on the 13th was 78.8°F, a new 8 year warm daily minimum temperature record for the date - the old record was 74°F in 2013. The maximum temperature on the 13th was 95°F, a new 8 year HIGH daily maximum temperature record for the date - the old record was 91°F in 2012. <small>*The low temp. on the 13th at the Airport was 78 °F a new 135 year record high minimum temperature for the date; the previous record was 77 °F set in 1995 and 1881</small>
14	The minimum temperature on the 14th was 78.1°F, a new 8 year warm daily minimum temperature record for the date - the old record was 71°F in 2012. The maximum temperature on the 14th was 98.1°F, a new 8 year HIGH daily maximum temperature record for the date - the old record was 91°F in 2012. <small>*The low temp. on the 14th at the Richmond International Airport was 77 °F a new 135 year record high minimum temperature for the date; the previous record was 76°F set in 1943.</small>
15	The minimum temperature on the 15th was 73.5°F, a new 8 year warm daily minimum temperature record for the date - the old record was 72°F in 2010. The maximum temperature on the 15th was 97.7°F, a new 8 year HIGH daily maximum temperature record for the date - the old record was 88°F in 2009. The daily precipitation on the 15th was 0.12 inches, a new 8 year HIGH daily precipitation record for the date - the old record was 0.05 inches in 2010.
16	The minimum temperature on the 16th was 73.5°F, a new 8 year warm daily minimum temperature record for the date - the old record was 73°F in 2010. The maximum temperature on the 16th was 95.3°F, a new 8 year HIGH daily maximum temperature record for the date - the old record was 94°F in 2010. The daily precipitation on the 16th was 0.01 inches, a new 8 year HIGH daily precipitation record for the date - the old record was T inches in 2010 and 2009.
17	The minimum temperature on the 17th was 77.3°F, a new 8 year warm daily minimum temperature record for the date - the old record was 75°F in 2010. The maximum temperature on the 17th was 96°F, a new 8 year HIGH daily maximum temperature record for the date - the old record was 94.1°F in 2015. The daily precipitation on the 17th was 0.31 inches, a new 8 year HIGH daily precipitation record for the date - the old record was 0.14 inches in 2013.
18	The minimum temperature on the 18th was 73°F, and equaled the 8 year HIGH daily minimum temperature record for the date - the old record was set in 2009.
19	
20	
21	The maximum temperature on the 21st was 93.3°F, a new 8 year HIGH daily maximum temperature record for the date - the old record was 92°F in 2011 and 2009.
22	
23	
24	
25	
26	The minimum temperature on the 26th was 74.2°F, a new 8 year warm daily minimum temperature record for the date - the old record was 69°F in 2011 and 2009. The maximum temperature on the 26th was 97.2°F, a new 8 year HIGH daily maximum temperature record for the date - the old record was 92°F in 2009.
27	The minimum temperature on the 27th was 76.6°F, a new 8 year warm daily minimum temperature record for the date - the old record was 70°F in 2009. The maximum temperature on the 27th was 92.9°F, a new 8 year HIGH daily maximum temperature record for the date - the old record was 92°F in 2009.
28	
29	
30	No Records on August 31st