

PAGE #1Aug 2020 Springfield Park, West Henrico Co. - Glen Allen, Virginia 37.65537° N. 77.56929° W. - Koontz																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19					
Aug 2020	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	Sat	90.8	16:35	74.4	6:48	16.4	82.6	0.3	80	2	1	0.03	0.03	0.01			2032	2100					
Aug-02	Sun	95.2	15:01	75.1	22:30	20.1	85.2	2.6	81	1	2	0.39	0.16	0.07			1545	1705					
Aug-03	Mon	91.2	13:03	71.4	5:51	19.8	81.3	-3.8	81	2	2	0.99	0.75	0.27			0001	0135					
Aug-04	Tue	88.8	15:29	68.5	8:17	20.3	78.7	-2.7	80	1	1	2.53	1.35	0.14			0001	0840					
Aug-05	Wed	88.5	14:53	71.5	23:46	17.0	80.0	1.3	79	0	1	0.19	0.19	0.07			1835	1845					
Aug-06	Thu	90.8	13:27	69.8	4:14	21.0	80.3	0.3	79	0	1	0.70	0.31	0.18			1625	1645					
Aug-07	Fri	86.3	17:24	71.2	4:22	15.1	78.8	-1.6	79	2	2	0.01	0.07	T			0001	0030					
Aug-08	Sat	87.3	16:47	71.7	6:42	15.6	79.5	0.8	79	2	1	0.01	0.01	T			0215	0240					
Aug-09	Sun	91.0	15:43	70.2	5:42	20.8	80.6	1.1	79	0	1	0.01	0.01	T			1755	1805					
Aug-10	Mon	90.8	12:02	72.9	6:36	17.9	81.9	1.3	80	0	1	0.27	0.27	0.14			1250	1405					
Aug-11	Tue	92.4	14:35	71.9	6:15	20.5	82.2	0.3	80	0	1												
Aug-12	Wed	90.7	12:44	74.1	22:14	16.6	82.4	0.3	81	1	2	0.06	0.03	0.01			1300	1455					
Aug-13	Thu	84.5	14:51	73.1	2:17	11.4	78.8	-3.6	80	2	2	0.84	0.77	0.19			1155	1220					
Aug-14	Fri	85.4	16:49	73.4	0:03	12.0	79.4	0.6	79	2	2	0.22	0.18	0.04			0605	0635					
Aug-15	Sat	75.0	0:01	67.5	23:19	7.5	71.3	-8.2	79	2	2	2.91	0.65	0.10			0001	1700					
Aug-16	Sun	77.5	15:47	65.9	23:55	11.6	71.7	0.5	77	2	2	0.60	0.65	0.06			0001	0530					
Aug-17	Mon	86.2	16:01	62.8	5:27	23.4	74.5	2.8	76	1	2	0.30	0.30	- - -			1655	1710					
Aug-18	Tue	88.2	14:55	64.8	6:37	23.4	76.5	2.0	77	0	1												
Aug-19	Wed	82.5	15:44	68.1	23:57	14.4	75.3	-1.2	78	2	1	T	T	T			1045	1135					
Aug-20	Thu	85.3	14:04	64.5	5:02	20.8	74.9	-0.4	77	1	0												
Aug-21	Fri	86.3	14:31	67.5	5:23	18.8	76.9	2.0	77	2	2	0.05	0.05	0.01			1603	1720					
Aug-22	Sat	82.4	16:23	70.2	6:25	12.2	76.3	-0.6	78	2	2	0.12	0.10	0.02			0140	0550					
Aug-23	Sun	90.3	15:35	70.7	6:23	19.6	80.5	4.2	77	0	1												
Aug-24	Mon	87.2	14:53	73.4	6:50	13.8	80.3	-0.2	78	2	2												
Aug-25	Tue	91.9	13:08	70.8	6:45	21.1	81.4	1.0	78	0	0	0.02	0.02	0.01			2125	2140					
Aug-26	Wed	88.2	14:16	68.2	7:08	20.0	78.2	-3.1	79	0	0												
Aug-27	Thu	93.8	14:20	71.2	6:55	22.6	82.5	4.3	79	0	2	T	T	T			2215	2225					
Aug-28	Fri	95.1	15:27	73.4	5:00	21.7	84.3	1.8	79	1	1												
Aug-29	Sat	88.2	17:00	75.7	23:53	12.5	82.0	-2.3	80	2	2	0.02	0.02	T			0605	1020					
Aug-30	Sun	87.2	14:53	65.3	6:54	21.9	76.3	-5.7	79	0	0												
Aug-31	Mon	78.0	11:01	67.2	5:12	10.8	72.6	-3.7	79	2	2	0.69	0.35	0.10			1205	1925					
TOTAL		2717		2176		540.6	2447	-9.7	2444	34	42	10.96	6.27	1.42	0.00	0.00	Col.26-27						
NUMBER		31	31	31	31	31	31	31	31	31	31	21	21	16	0	0	DAILY AVE RH						
AVERAGE		87.65	14:25	70.21	9:42	17.44	78.93		78.84	1.10	1.35	Ave. Tot.	Ave. Max	Ave. Max			80.1	Percent					
NORMALS		87.62		68.05		19.74	77.72		77.8	1.02	1.13	4.42	1.22	0.35			73.0	Percent					
DEPARTURES		0.02		2.16		-2.31	1.20		1.1	0.08	0.22	6.54	0.13	-0.08			7.1	Percent					
Max. Temps. >= 90°F		95.2	Ave High Max	75.7	Ave High Min	23.4	85.2	4.3	81.0	Whole Day		2.91	1.35	0.27			Precip.	24 Hr.					
2020 12		Aug-02	95.7	Aug-29	75.6	Aug-17	Aug-02	Aug-27	Aug-02	Ave.	1.23	Aug-15	Aug-04	Aug-03			Amount	Date					
Ave. 12.2			Dep.		Dep.					Normal	1.08												
Departure -0.2			-0.5		0.1					Depart.	0.15												
Max. Temps. >= 70°F		75.0	Ave Low Max	62.8	Ave Low Min	7.5	71.3	-8.2	76.0	SKY	AM	PM	>= 0.10 INCHES		>= 1.00 INCHES		>= 2.00 INCHES						
2020 31		Aug-15	73.7	Aug-17	59.4	Aug-15	Aug-15	Aug-15	Aug-17	CLEAR	11	4	14 DAYS		3 DAYS		3 DAYS						
Ave. 30.8			Dep.		Dep.					PT. CLO.	6	12	HOTTEST		85.2 Highest		Lowest		COOLEST				
Departure 0.2			1.3		3.4					CLOUDY	14	15	DAY		8-02 Mean		Mean		DAY				
Days Max. <=32 °F		0				MAX.	>=100	>=95	>=90	>=85	>=80	>=75	>=70	>=65	>=60	>=55	>=50	>=45	>=40				
Days Max. >=90°F		12				DAYS	0	2	12	26	28	31	31	31	31	31	31	31	31				

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Aug
2020

REMARKS FOR THE MONTH

August - 2020

Aug-01	TS RATED 1-1-1- TROPICAL STORM TO HIT FL TOMORROW AND MOVE UP COAST-1ST THUNDER HEARD AT 2010
Aug-02	1ST TS RATED 2-3-2 TODAY IS 31ST CONSECUTIVE DAY WITH TEMPS. EQUAL TO OR GREATER THAN 90 °F - 2ND TS RATED 4-3-2 WITH WINDS OF 28 MPH & 3 STRIKES VERY CLOSE
Aug-03	3RD PD. OF PRECIP. 1920-2400 GAVE 0.99 INS. BY MIDNIGHT-TROPICAL STORM ISAIAS IS OFF SC COAST TONIGHT & WILL HIT VA TOMORROW
Aug-04	AFTER RAIN STOPPED THE SUN WAS OUT BY 0920-NO LOCAL DAMAGE FROM ISAIAS BUT SEVERE DAMAGE IN NORTHERN NECK OF VA
Aug-05	CLOUDS CLEARED AT 0830 AND MOSTLY CLEAR TO 1330-PC TO 1545 THEN CLOUDY-AM EST. 25-30% CLO. PM EST. 60-65% CLOUDY
Aug-06	TS. RATED 1-1-3-AM CLOUDY TO 0730 THEN CLEAR TO 1100 THEN PC AND BECOMING CLOUDY AGAIN TO 1545 TO DARK
Aug-07	FOG WITH DRIZZLE
Aug-08	CLOUDY AM THAT CLEARED BEFORE 0800-PC PM FOLLOWED BY CLEAR THE REST OF DAY AFTER 1600
Aug-09	FOG HEAVIEST AT 0645-FOG CLEARED AT 0815-CLOUDS CAME IN AT 1115-PM EST. 60-65% CLO.-TS RATED 2-2-1 STORM WAS TO OUR EAST FROM 1600-1620 WE WERE ON W EDGE
Aug-10	TS. 2-3-2-CUMULUS CLOUDS CAME IN AT 1115
Aug-11	3RD DAY OF HEAVY DEWS AND A VERY CLEAR AM-CUMULUS CLOUDS CAME IN AT 1230
Aug-12	AM WAS ABT. 50-60% CLO. AND AFTER 1100 IT STAYED CLOUDY- 1ST TS RATED 2-1-1 & 1ST THUNDER HEARD AT 1206 WITH ONLY 0.03 RAIN- 2ND TS RATED 1-1-1 a LONG PD. OF
Aug-13	COOLER DAY BUT MORE RAIN-TOMATOES ARE SPLITTING - ALSO FLOODING IN SOME LOCAL AREAS
Aug-14	NO THUNDER TODAY BUT 3RD PD. OF PRECIP. 1430-1510, 4TH PD. 1715-1840-EXTREMELY WET PD. - 5TH PD. OF PRECIP. 2315-2400
Aug-15	ALL DAY RAIN AND AUG. IS NOW WETTEST ON OUR RECORDS-CHESTERFIELD CO. HAD REPORTS OF OVER 11 INS. OF RAIN
Aug-16	FINALLY A COOL DAY AND NOT SO WET- BUT DRIZZLE FROM 1000-1055 THAT ONLY ADDED 0.01 INCHES
Aug-17	TS RATED 1-1-2-COOLEST AM SINCE JUNE 26, 2020 WHEN IT WAS 62.4 °F -A SMALL 30 DEGREE ARC RAINBOW SEEN AT 1945-HEAVIEST FOG AT 0730 CLEARED BY 0910 THEN
Aug-18	A VERY CLEAR AM AND A FEW CUMULUS CLOUDS CAME IN AT 1230 BUT STILL CLEAR UNTIL 1515-INSTALLED NEW TEMP., SOLAR SENSOR AND RH SENSOR TODAY
Aug-19	AM SPRINKLE WAS FROM A FADING SHOWER THAT PASSED TO OUR NW & A PM TS PASSED TO SOUTH BUT GAVE NO RAIN HERE
Aug-20	CIRRUS UNTIL 1030 THE CUMULUS AND CIRRUS TOGETHER BUT MAINLY CUMULUS AFTER 1330 THAT DECREASED AND BECAME VERY CLEAR AFTER 1600
Aug-21	BOTH WARMER AND MORE HUMID AND MOSTLY CLOUDY WITH A PM SHOWER BUT NO THUNDER
Aug-22	AFTER A VERY EARLY AM RAIN A MOSTLY CLO. DAY WITH HIGH HUMIDITY AND MAX. DEW POINT OF 75 °F AT 1414
Aug-23	HOTTER BUT LESS HUMID WITH A CLEAR AM SKY AND A BREEZY PM-2 TROPICAL STORMS HEADED TOWARD GULF OF MEXICO
Aug-24	MARCO AND LAURA ARE IN GULF OF MEXICO (STRANGE OCCURRENCE)-CLOUDY ALL DAY WITH CIRRUS AND ALTOCUMULUS AND A SOMEWHAT BREEZY DAY
Aug-25	VERY CLEAR DAY BUT HUMID-MAX. DEW POINT WAS 77.4 °F AT 1258 AND A BREEZY PM
Aug-26	A COOLER DAY WITH LOWER HUMIDITY AND A CLEAR BLUE SKY-LAURA CAME ASHORE NEAR CAMERON, LA
Aug-27	VERY HOT AND HUMID - MAX. DEW POINT WAS 79 °F AT 1455-CLOUDS CAME IN AT 1430 AND SOON BECAME CLOUDY FOR REST OF DAY
Aug-28	VERY HOT AND HUMID - MAX. DEW POINT WAS 79 °F
Aug-29	CLOUDY THIS AM BUT REMNANTS OF LAURA BROUGHT ONLY 0.02 INCHES OF RAIN AND SKY CLEARED BY 1630 BUT THE DAY WAS VERY HUMID
Aug-30	COLD FRONT PASSED DURING NIGHT LOWERING DEW POINT AND GIVING A CLEAR SKY AND MORE PLEASANT TEMPS. THAN MONTH HAS PROVIDED
Aug-31	3PD RAIN 2325-2400 CLOUDY & COOL AM WITH A THREAT OF RAIN BUT THE RAIN STATED JUST AFTER 1200 & GAVE A RAINY PM AND NEARLY THE COOLEST DAY OF AUGUST

DATE

EXTENSION OF LENGTHY DAILY REMARKS

Aug-02	THE FIRST STRIKE AT 2105 HIT A HOUSE ABOUT 600 YDS FROM US & 2ND STRIKE AT 2109 TO THE NORTH & 3RD STRIKE AT 2110 TO EAST. THE LAST 2 STRIKES WERE THOUGHT TO BE WITHIN 1000 FEET. DAMAGE DONE BY 1ST STRIKE AT 2105 - THE ELECTROMAGNETIC PULSE BURNED OUT A CORDLESS PHONE, THREW 1 CIRCUIT BREAKER, TOOK OUT THE INTERNET TEMPORARILY AND BURNED OUT SOLAR SENSOR, 2 TRANSMITTERS, ONE LEAF WETNESS SENSOR OF MY WEATHER STATION.
Aug-12	THUNDER AS THE TS CELL PASSED FROM OUR WEST TO OUR SOUTH & THEN TO EAST AROUND US. 2ND STORM WAS WEAK-VERY HUMID DAY WITH 3RD PD. OF PRECIP. FROM 2108-2130
Aug-17	CUMULUS CLOUDS CAME IN AT 1115
Aug 2 & 12	ALL DEW POINTS THIS MONTH AND THE SUMMER ARE REDUCED BY 2 DEGREES F AS THE DAVIS INSTRUMENT OVERRATES DEW POINTS.
Aug 15-16	THERE WERE TWO TS ON BOTH AUGUST 2ND AND 12TH THAT ARE HIGHLIGHTED IN RED.
	THE 24 HOUR MAX. RAINFALL WAS ESTIMATED FOR AUGUST AT 3.27 INCHES FROM 5 PM OF THE 15TH TO 5 AM OF THE 16TH

The daily records for the month are listed on page # 4 and not found in the remarks.

The link below explains how observations are taken at the Glen Allen Weather Station - Note the Numbers match the column numbers on the Observation Sheet

[Rules for making Observations in 2020](#)

The Springfield Park Station had 24 Records or Record Ties in August 2020

1	The minimum temperature on the 1st was 74.4°F, a new 12-year warm daily minimum temperature record for the date - the old record was 73.6°F in 2018.
2	The maximum temperature on the 2nd was 95.2°F, a new 12-year daily HIGH maximum temperature record for the date - the old record was 95°F in 2008.
3	The daily precipitation on the 3rd was 0.99 inches, a new 12-year HIGH daily precipitation record for the date - the old record was 0.20 inches in 2017.
	The daily precipitation on the 4th was 2.53 inches, a new 12-year HIGH daily precipitation record for the date - the old record was 1.40 inches in 2019.
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13	The daily temperature range on the 13th was 11.4°F, a new 12-year LOW daily temperature range record for the date - the old record was 13°F in 2013 and 2011.
	The daily precipitation on the 13th was 0.84 inches, a new 12-year HIGH daily precipitation record for the date - the old record was 0.75 inches in 2019.
14	The daily temperature range on the 14th was 12°F, a new 12-year LOW daily temperature range record for the date - the old record was 17°F in 2013.
15	The daily temperature range on the 15th was 7.5°F, a new 12-year LOW daily temperature range record for the date - the old record was 10°F in 2010.
	The maximum temperature on the 15th was 75°F, a new 12-year cool daily maximum temperature record for the date - the old record was 78°F in 2013.
	The daily precipitation on the 15th was 2.20 inches, a new 12-year HIGH daily precipitation record for the date - the old record was 1.05 inches in 2019.
16	The daily precipitation on the 16th was 0.60 inches, a new 12-year HIGH daily precipitation record for the date - the old record was 0.01 inches in 2016.
	The daily temperature range on the 16th was 11.6°F, a new 12-year LOW daily temperature range record for the date - the old record was 14.8°F in 2019.
17	
18	The minimum temperature on the 18th was 64.8°F, a new 12-year LOW daily minimum temperature record for the date - the old record was 65°F in 2013.
19	
20	The minimum temperature on the 20th was 64.5°F, a new 12-year LOW daily minimum temperature record for the date - the old record was 65°F in 2012.
21	
22	The maximum temperature on the 22nd was 82.4°F, a new 12-year cool daily maximum temperature record for the date - the old record was 84°F in 2014.
	The daily temperature range on the 22nd was 12.2°F, a new 12-year LOW daily temperature range record for the date - the old record was 14°F in 2014.
23	The maximum temperature on the 23rd was 90.3°F, a new 12-year daily HIGH maximum temperature record for the date - the old record was 88.1°F in 2015.
	The minimum temperature on the 23rd was 70.7°F, a new 12-year warm daily minimum temperature record for the date - the old record was 69°F in 2010.
24	The minimum temperature on the 24th was 73.4°F, a new 12-year warm daily minimum temperature record for the date - the old record was 69°F in 2015.
25	The minimum temperature on the 25th was 70.8°F, a new 12-year warm daily minimum temperature record for the date - the old record was 70°F in 2008.
26	
27	The maximum temperature on the 27th was 93.8°F, a new 12-year daily HIGH maximum temperature record for the date - the old record was 93.4°F in 2018.
28	The minimum temperature on the 28th was 73.4°F, a new 12-year warm daily minimum temperature record for the date - the old record was 73°F in 2012.
29	
30	
31	The daily temperature range on the 31st was 10.8°F, a new 12-year LOW daily temperature range record for the date - the old record was 11°F in 2009.
	The daily precipitation on the 31st was 0.44 inches, a new 12-year HIGH daily precipitation record for the date - the old record was 0.29 inches in 2008.