PAGE #1		Aug			eld Park,	West He	est 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	Week	BB A V	TEMPERA				TEMPERA			SKY		PRECIPITA			FROZ. PRECIP.			ERIOD
2019	Day 	MAX.	Time	MIN.	Time	RANGE	MEAN	CHANGE	SOIL	AM	PM	Liquid	1 Hr.	5 Min.	NEW	GROUND	START	END
Aug-01	Thu	92.9	14:23	65.5	6:29	27.4	79.2	-2.7	79	0	2	0.55						
Aug-02	Fri	85.2	15:30	68.3	7:04	16.9	76.8	-2.5	79	2	2	0.55	0.49	0.12			0603	0935
Aug-03	Sat	90.7	17:18	69.0	6:32	21.7	79.9	3.1	78	1	2	4.40					4005	2425
Aug-04	Sun	93.4	15:26	70.1	20:42	23.3	81.8	1.9	78	0	1	1.40	1.28	0.35			1925	2105
Aug-05	Mon	87.8	14:48	69.4	23:59	18.4	78.6	-3.2	78	2	2	1.41	1.15	0.15			1605	1945
Aug-06	Tue	90.6 92.7	16:03 14:01	72.8	6:12	24.4	78.4	-0.2 4.3	78	0	2	0.04	0.04	0.01			4540	1005
Aug-07 Aug-08	Wed Thu	91.1	15:26	65.6	6:20 5:18	19.9 25.5	82.8 78.4	-4.4	78 78		0	1.17	0.04 1.10	0.01			1516 0008	1605 0120
Aug-08 Aug-09	rnu Fri	92.2	15:43	68.9	6:32	23.3	80.6	2.2	78	1	0	T T	T.10	T T			0818	0825
Aug-09 Aug-10	Sat	87.0	15:13	61.5	6:46	25.5	74.3	-6.3	79	1	1	•	<u>'</u>	'			0010	0023
Aug-10	Sun	87.6	16:06	62.4	6:45	25.2	75.0	0.8	78	0	0							
Aug-11 Aug-12	Mon	91.6	14:22	66.5	6:00	25.2	79.1	4.1	78	0	1							
Aug-12 Aug-13	Tue	91.2	17:05	74.3	22:47	16.9	82.8	3.7	78	2	2	0.75	0.75	0.30			1210	1230
Aug-13	Wed	92.0	16:12	71.9	6:11	20.1	82.0	-0.8	78	2	2	0.03	0.73	0.03			0228	0240
Aug-15	Thu	87.5	13:06	72.3	15:33	15.2	79.9	-2.1	79	2	2	1.05	1.04	0.27			0130	0155
Aug-16	Fri	88.0	15:19	73.2	6:50	14.8	80.6	0.7	78	2	2			0.27			0.00	0.00
Aug-17	Sat	91.6	15:15	72.8	4:25	18.8	82.2	1.6	79	2	2							
Aug-18	Sun	94.5	15:41	70.0	6:23	24.5	82.3	0.1	79	0	0							
Aug-19	Mon	97.1	14:40	74.4	6:23	22.7	85.8	3.5	80	0	1							
Aug-20	Tue	95.4	14:52	72.6	6:49	22.8	84.0	-1.8	80	0	2	0.52	0.52	0.17			2134	2245
Aug-21	Wed	89.8	17:29	72.4	2:05	17.4	81.1	-2.9	80	1	0							
Aug-22	Thu	94.7	14:40	71.0	5:43	23.7	82.9	1.8	80	0	1	0.71	0.65	0.30			1801	2000
Aug-23	Fri	84.7	14:57	65.4	23:25	19.3	75.1	-7.8	80	2	2	0.13	0.08	0.03			1129	1200
Aug-24	Sat	78.9	15:14	64.4	3:47	14.5	71.7	-3.4	79	2	1	0.02	0.02	0.01			0225	0305
Aug-25	Sun	77.8	15:08	62.3	6:49	15.5	70.1	-1.6	78	0	2							
Aug-26	Mon	76.1	13:58	59.9	6:03	16.2	68.0	-2.1	76	2	2	Т	Т	Т			1423	1428
Aug-27	Tue	81.8	16:26	63.4	5:51	18.4	72.6	4.6	76	2	2	T	Т	Т			1145	1150
Aug-28	Wed	85.0	15:52	65.3	23:58	19.7	75.2	2.6	76	2	2	0.18	0.18	0.07			1225	1230
Aug-29	Thu	84.2	15:19	59.8	6:40	24.4	72.0	-3.2	76	0	0							
Aug-30	Fri	87.8	15:26	58.6	6:42	29.2	73.2	1.2	76	0	0							
Aug-31	Sat	91.6	15:21	63.7	5:56	27.9	77.7	4.5	76	0	0							
TOTAL		2753		2094		658.6	2423	-4.3	2423	30	39	7.96	7.33	2.08	0.00	0.00	Col	.26-27
NUMBER		31	31	31	31	31	31	31	31	31	31	13	13	13	0	0	DAILY	AVE RH
AVERAGE		88.79	15:21	67.55	9:03	21.25	78.17		78.16	0.97	1.26	Ave. Tot.	Ave. Max	Ave. Max			76.3	Percent
NORMALS		87.50		68.10		19.61	77.68		77.8	1.02	1.12	4.06	1.21	0.35			72.7	Percent
DEPARTU		1.29		-0.55		1.64	0.49		0.4	-0.06	0.14	3.90	0.07	0.00			3.7	Percent
	ps. >= 90°F	97.1	AveHighMax	74.4	AveHighMin	29.2	85.8	4.6	80.0		le Day	1.41	1.28	0.35			Precip.	24 Hr.
2019 Ave		Aug-19	95.6 Dep.	Aug-19	75.7 Dep.	Aug-30	Aug-19	Aug-27	Aug-19 Aug-20	AVE. Normal	1.11 1.09	Aug-05	Aug-04	Aug-04			Amount Date	2.81 Aug 03
Departure			1.5		-1.3				Aug-20 Aug-21	Depart.	0.03						Date	'Aug 04
Max. Temp	ps. >= 70°F	76.1	AveLowMax	58.6	AveLowMin	14.5	68.0	-7.8	76.0	SKY	AM	PM	>= 0.10	INCHES	>= 1.00	INCHES	>= 2.00	INCHES
2019	-	Aug-26	73.5	Aug-30	59.5	Aug-24	Aug-26	Aug-23	Aug-26	CLEAR	13	8	10	DAYS	4	DAYS	0	DAYS
Ave	2.0		Dep.		Dep.				Aug-27	PT. CLO.	6	7	HOTTEST	85.8	Highest	Lowest	COOLEST	68.0
Departure		•	2.6		-0.9	400	0.5	- 00	Aug-28	CLOUDY	12	16	DAY	8-19	Mean	Mean	DAY	8-26
Days Max		0 17			MAX. DAYS	>=100	>=95	>=90	>=85	>=80	>=75	>=70	>=65	>=60	>=55	>=50	>=45	>=40
Days Wax	. >=90°F	17			DATS	0	4	17	26	28	31	31	31	31	31	31	31	31

PAGE #2	Aug	2019	Springfi	eld Park	k, West H	enrico C	o Gler	Allen, V	irginia 3	37.65537°	° N. 77.5	6929° V	V Koo	ntz				
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Aug	2nd PERIOD		WIND			REL. HU		BAROMETRIC PRESSUI								I		
2019	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG	1 \	DEW	FROST
Aug-01			36.5	18	17:17	95	50	30.11	30.01	30.06	0.03						3	
Aug-02			63.7	17	5:44	95	66	30.13	30.04	30.09	0.02					1	P	
Aug-03			26.2	9	11:54	96	56	30.09	29.91	30.00	-0.09						4	
Aug-04	2135	2210	55.6	26	19:55	96	49	29.97	29.88	29.93	-0.08					2	3	
Aug-05			23.0	15	16:57	98	64	29.99	29.91	29.95	0.03					1	<u> P</u>	
Aug-06			51.1	13	22:00	99	57	29.94	29.81	29.88	-0.07						5	
Aug-07			88.3	29	15:16	91	54	29.86	29.75	29.81	-0.07				_	1	1 P	
Aug-08			34.3	19	0:22	98	48	29.87	29.77	29.82	0.02				2	4	3	
Aug-09 Aug-10			41.0 30.2	15	16:37 15:14	91 92	49 45	29.87 29.98	29.77 29.87	29.82 29.93	0.00						3	
Aug-10 Aug-11			34.3	14	9:28	94	45	30.08	29.87	30.03	0.11						4	
Aug-11 Aug-12			71.8	15	13:19	93	49	30.08	29.98	29.97	-0.06						4	
Aug-12 Aug-13	2128	2225	98.7	17	21:35	95	68	29.93	29.90 29.74	29.97	-0.06 -0.13					3	N A	
Aug-13 Aug-14	2300	2335	42.0	9	7:55	95	61	29.93	29.74	29.84	0.00					3	P	
Aug-14 Aug-15	1440	1550	46.6	21	15:09	96	70	29.98	29.88	29.93	0.09					3	<u>.</u> Р	
Aug-16	1440	1550	39.9	10	11:54	98	70	30.00	29.93	29.97	0.03				1		<u>.</u> Р	
Aug-17			38.0	13	19:00	100	65	30.03	29.94	29.99	0.02				3		4	
Aug-18			35.3	9	11:41	96	52	30.02	29.93	29.98	-0.01						3	
Aug-19			41.8	11	18:39	94	51	30.05	29.95	30.00	0.02						3	
Aug-20			42.9	19	17:00	96	54	30.11	30.00	30.06	0.05					2	2	
Aug-21			85.5	15	18:57	96	66	30.08	29.89	29.99	-0.07						Р	
Aug-22			61.4	31	17:55	96	56	29.99	29.88	29.94	-0.05					1	3	
Aug-23	1645	1825	69.7	22	15:56	98	74	30.09	29.94	30.02	0.08						Р	
Aug-24	0620	0655	75.2	15	14:31	96	51	30.19	30.08	30.14	0.12						Р	
Aug-25			95.7	20	14:00	90	58	30.19	30.12	30.16	0.02						2	
Aug-26			83.3	14	15:37	96	76	30.17	30.07	30.12	-0.04						4	
Aug-27			31.5	9	10:42	94	69	30.10	29.94	30.02	-0.10						3	
Aug-28	1750	1815	18.5	16	17:30	96	70	29.97	29.83	29.90	-0.12						3	
Aug-29			29.0	15	11:02	98	44	30.06	29.92	29.80	-0.10						5	
Aug-30			22.1	12	13:57	96	40	30.12	30.05	30.09	0.29						4	
Aug-31			41.0	11	11:14	94	50	30.22	30.12	30.17	0.09				-		4	_
TOTAL	Colur		1554.1	493		2960	1773	931.13	927.58	929.17	TOTAL	0	0	0	3	9	21	0
NUMBER		ind Run	31	31	31	31	31	31	31	31	Normal	0.0	0.0	0.0	1.7	6.9	17.8	0.0
AVE.	Total	1554.1	50.1	15.9	14:27	95.48	57.19	30.04	29.92	29.97	Depart.	0.0	0.0	0.0	1.3	2.1	3.2	0.0
NORMALS	Miles	1218.9	39.6	30.3		94.7	50.6	30.06	29.94	30.00	Rating ►	<u>0</u> щ	0	0	6	18	70	0
Departures	Miles MAXIMUM	335.2 Dates	10.5 98.7	-14.4 31	SOUTH	0.7 100	6.6 76	-0.03 30.22	-0.02 30.12	-0.03 30.17	Intensity 0.29	GLAZE	Ë	ó	506	K	Dew	Frost
'	DATES	1	Aug-13	Aug-22	17:55	Aug-17	Aug-26	Aug-31	Aug-25	Aug-31	Aug-30	G.	SLEET	SNOW	Щ	1/	ă	Ē
	2,20	2	7 tag 10	,g		7.ug	7.09 20	/ mg o ·	Aug-31	/ ag o :	/ Lug oo	5. Very He	avy to Ext					
	3											4. Heavy-l						
Min. Temps		Dots -	46.5		Ave. Max.	00	40	00.00	20.74	00.00		3. Modera						
2019 Ave.	12 12.4	Dates	18.5	9	30.3	90	40	29.86	29.74	29.80	-0.13	2. Light -		Troop				
Departure	-0.4	1 2	Aug-28	Aug-03 Aug-14	Dep. 0.7	Aug-25	Aug-30	Aug-07	Aug-13	Aug-29	Aug-13		ght - Slight with inten	- I race sity missing				
Days Min.		0	≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35	N- None N						
Days Min		12	31	19	9	1	0	0	0	0	0		o. prevent c					
					-	-	-	-	-	_			,					

PAGE #3	Springfield Park, West Henrico Co Glen Allen, Virginia 37.65537° N. 77.56929° W Koontz
Aug	REMARKS FOR THE MONTH
2019	August - 2019
Aug-01	AM WAS VERY CLEAR-CUMULUS CAME IN AT 1345 & IT WAS CLOUDY STARTING AT 1430-1630 THEN CLEARING & CLOUDS AGAIN AT 1700
Aug-02	THUNDER HEARD AT 0558, 0559, 0601-TS RATED 1-2-3
Aug-03	LOW STRATUS FROM FOG CAME IN AROUND 0945 THEN CUMULUS -AM WAS PC & PM EST. 50-60% CLOUDY AM EST. 35-40% CLOUDY
Aug-04	TS RATED 2-3-4 ABOUT 18 THUNDERS BET. 1941 & 2018-VERY HEAVY RAINFALL RATE FROM TS
Aug-05	TS RATED 1-1-4 ONLY 6 THUNDERS HEARD & A RAINBOW SEEN AT 1953-CLOUDY MOST OF DAY
Aug-06	VINYL SIDING UNDER SOFFIT DRIPPING WITH CONDENSATION-CUMULUS CAME IN STARTING AT 1130-HEAVY DEW TRIPPED RAIN GAUGE
	TS AGAIN RATED 1-3-1-HIGH VERY THIN VEIL OF CIRRUS THEN ALTOCUMULUS - PM CUMULUS & CIRROSTRATUS-THEN TS PASSED TO NORTH FOLLOWED BY ONE PASSING TO SE
_	TS RATED 4-2-4-WORST OF STORM PASSED TO N & LASTED A LITTLE OVER AN HOUR WITH LIGHTNING-AM FOG CLOUDS CLEARED AROUND 0900-CLEAR AFTER 0900-AM EST.
_	ONLY ABOUT 12 DROPS OF RAIN PER SQ. FT. (DISCERNIBLE TRACE OF RAIN)-CLEAR AM AFTER 0915 & PM WAS CLEAR
	CIRROSTRATUS EARLY & CIRRUS MADE THE AM AND PM PARTLY CLOUDY BUT PLEASANT TEMPS. AND LOW REL. HUMIDITY
	A PLEASANT AUG. DAY AND CLEAR EXCEPT FOR AROUND 1400-LOW RH TODAY
_	AM WAS VERY CLEAR BUT CUMULUS CAME IN AT 1120 AND INCREASED TO CLOUDY BY 1500 FOLLOWED BY CIRROSTRATUS AFTER 1700
	VERY CLOUDY AM - FIRST PM SUN AT 1545 & LASTED TO 1715 & WAS MOSTLY FILTERED CLOUDINESS-TS PASSED TO N AND TO S OF AREA
_	VERY HUMID DAY - LIGHT AFTERNOON SHOWER-AM 90% CLOUDY AND PM EST. 80% CLOUDY-NO THUNDER HEARD BUT TS SUSPECTED TO OUR N AT 2AM
	VERY HUMID DAY-FIRST SUN AT 1115-AM EST. 90% CLOUDY-PM EST. 75-80% CLOUDY ALSO A TS RATED 3-3-4 FOG CLOUDS DIDN'T BURN OFF ONLY 2 SKY PICTURES WITH SUN BEFORE NOON-AM EST. 95% CLOUDY-PM 70% CLOUDY
	FOG CLOUDS DIDN'T BORN OFF ONLY 2 SKY PICTURES WITH SON BEFORE NOON-AM EST. 95% CLOUDY-PM 70% CLOUDY FOG CLOUDS NO SUN UNTIL 1100-PM ALSO MOSTLY CLOUDY EST. 65-75% CLOUDY-MAX. DEW POINT 79.6°F AT 1349
	VERY HOT DAY & VERY CLEAR SKY MUCH SOLAR RADIATION WITH LITTLE WIND-MAX. DEW POINT 77.6°F AT 1349
_	CLEAR UNTIL 1315 THEN CUMULUS CAME IN AND CLOUDY BY 1500 THEN MOSTLY CLOUDY TO DARK
	AM CIRROSTRATUS AT 1010 THEN CUMULUS STARTED COMING IN AT 1345 THEN MOSTLY CLOUDY AFTER 1500 TO DARK-MAX. DEW POINT 79.6°F AT 1339
	LIGHTNING SEEN TO N & S AFTER DARK BUT NO THUNDER HEARD-COOLER BUT STILL HUMID-MAX. DEW POINT 77.3°F AT 1501-PM EST. 70% CLOUDY
_	TS WITH LITTLE LIGHTNING RATED 1-4-3-AUG. RAIN TOTAL NOW 7.63 INSHIGH DEW POINT 78.9°F AT 1202
_	ALSO A LITTLE DRIZZLE AT 1920-1925-LOW STRATUS CLOUDS MOST OF DAY BUT NO SEVERE WEATHER BECAUSE OF LITTLE SOLAR RADIATION
_	LOW CLOUDS STARTED TO CLEAR AT 1420 FROM N TO S & MOSTLY CLEAR BY 1315 -PM EST. 35% CLOUDY
_	CLEAR AM AND CLOUDY PM-LOW DEW POINT OF 57.1°F AT 1114 AND COMFORTABLE DAY FOR A CHANGE
	CLOUDY MOST OF DAY AND VERY COOL FOR AUGLIGHT QUICK JUST BEFORE 1430
Aug-27	A LITTLE WARNER BUT CLOUDY AND A SPRINKLE BETWEEN 1145 AND 1150
_	MUCH MORE HUMIDITY TODAY AND ALSO WARMER BUT A CLOUDY DAY-COLD FRONT PASSED AT 1725 BUT NO THUNDER
_	VINYL SIDING UNDER SOFFIT DRIPPING WITH CONDENSATION - LESS HUMIDITY TODAY-LOWEST RH WAS 44% AND VERY CLEAR DAY
Aug-30	COLDEST AM SINCE JUNE 15, 2019 WHEN LOW TEMP. WAS 53.9°F AND VERY CLEAR DAY AND ALSO LOW HUMIDITY- ALMOST A 30°F TEMPERATURE RANGE TODAY
Aug-31	VERY CLEAR AM AND THE PM HAD A FEW FAIR WEATHER CUMULUS BUT WAS MOSTLY CLEAR UNTIL 1700 WHEN IT BECAME PT CLOUDY- LARGE TEMP. RANGE
DATE	
Aug-08	40% CLOUDY DUE TO LOW FOG CLOUDS
	The 24- precipitation on the 3rd and 4th the time listed is a little more than 24 hours but there was light precip. at didn't measure 0.01 inches at the end of the precipitation.
	ALL DEW DOINTS THIS MONTH AND THE SHIMMED AND DEPUGED BY A DECREE OF AS THE DAVIS INSTRUMENT OVERDATES DEW DOINTS
	ALL DEW POINTS THIS MONTH AND THE SUMMER ARE REDUCED BY 2 DEGREES F AS THE DAVIS INSTRUMENT OVERRATES DEW POINTS.
	The daily records for the month are listed on page # 4 and not found in the remarks.
	The daily records for the month are listed on page # 4 and not round 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 2019

Page 4	West Henrico Co Glen Allen Weather Center 37.65537° N. 77.56929° W Koontz DAILY RECORDS FOR THE MONTH
Aug 2019	The Springfield Park Station had Only 15 Records or Record Ties in August 2019
1	The daily temperature range on the 1st was 27.4°F, a new 10-year HIGH daily temperature range record for the date - the old record was 27°F in 2011.
2	
3	
4	The daily precipitation on the 4th was 1.40 inches, a new 11-year HIGH daily precipitation record for the date - the old record was 0.70 inches in 2010.
5	The daily precipitation on the 5th was 1.41 inches, a new 11-year HIGH daily precipitation record for the date - the old record was 0.43 inches in 2010.
6	
7	
8	The daily precipitation on the 8th was 1.17 inches, a new 11-year HIGH daily precipitation record for the date - the old record was 0.28 inches in 2016.
	The daily temperature range on the 8th was 25.4°F, a new 11-year HIGH daily temperature range record for the date - the old record was 25°F in 2010 and 2008.
9	
10	
11	The daily temperature range on the 11th was 25.2°F, a new 11-year HIGH daily temperature range record for the date - the old record was 23°F in 2008.
12	
13	The daily precipitation on the 13th was 0.75 inches, a new 11-year HIGH daily precipitation record for the date - the old record was 0.27 inches in 2011.
14	
15	The daily precipitation on the 15th was 1.05 inches, a new 11-year HIGH daily precipitation record for the date - the old record was 0.37 inches in 2017.
16	The daily temperature range on the 16th was 15.8°F, a new 11-year LOW daily temperature range record for the date - the old record was 20.8°F in 2017.
17	
18 19	The maximum temperature on the 19th was 97.1°F, a new 11-year daily HIGH maximum temperature record for the date - the old record was 96°F in 2009.
	The maximum temperature on the 20th was 95.4°F, a new 11-year daily HIGH maximum temperature record for the date - the old record was 95°F in 2009.
20	The maximum temperature on the 20th was 55.4 F, a new 11-year daily migh maximum temperature record for the date - the old record was 55.7 in 2005.
22	The maximum temperature on the 22nd was 94.7°F, a new 11-year daily HIGH maximum temperature record for the date - the old record was 93.6°F in 2017.
23	The maximum temperature on the 22nd was 34.7 1, a new 11-year daily month maximum temperature record for the date - the old record was 33.0 1 in 2017.
24	
25	
26	
27	
28	
29	The minimum temperature on the 29th was 59.8°F, a new 11-year LOW daily minimum temperature record for the date - the old record was 62.1°F in 2015.
30	The minimum temperature on the 30th was 58.6°F, a new 11-year LOW daily minimum temperature record for the date - the old record was 59.5°F in 2017.
	Remark Today's 58.6°F minimum temperature is the lowest since June 15, 2019 when it was 53.9°F.
31	The daily temperature range on the 31st was 27.9°F, a new 11-year HIGH daily temperature range record for the date - the old record was 26°F in 2010.

