PAGE #1	2	Apr 3	<b>2019</b>	West He	nrico Co. •	- Glen A	llen We	ather C	enter 10	<b>37.655</b>	37° N.	<b>77.569</b>	<b>29° W.</b>	- Koon	<b>tz</b>	17	18	19
Apr	Week	TEMPERATURE °F				TEMPERATURE °F				Т			ECIPITATI	ON	FROZ. PRECIP.		1st PERIOD	
2019	Day	MAX.	Time	MIN.	Time	RANGE	MEAN	CHANGE	SOIL	AM	РМ	Liquid	1 Hr.	5 Min.	NEW	GROUND	START	END
Apr-01	Mon	51.9	15:40	26.5	07:03	25.4	39.2	-2.0	54	0	0							
Apr-02	Tue	45.6	13:22	30.1	07:14	15.5	37.9	-1.4	52	2	2	0.13	0.06	0.02			1148	1225
Apr-03	Wed	71.0	17:07	30.0	06:15	41.0	50.5	12.7	50	0	0							
Apr-04	Thu	71.0	14:27	41.0	04:55	30.0	56.0	5.5	52	1	0	. = .						
Apr-05	Fri	54.7	0:01	47.3	07:54	7.4	51.0	-5.0	53	2	2	0.59	0.19	0.03			0505	1225
Apr-06	Sat	64.5	17:35	47.8	05:46	16.7	56.2	5.2	53	2	1	0.01	0.01	T			0050	0210
Apr-07	Sun	75.6	14:59	49.8	07:02	25.8	62.7	6.6 9.9	54 56	1	2	T	T	T			2105	2205
Apr-08	Mon Tue	83.9 77.9	14:06 16:36	61.3 61.8	06:48 23:49	22.6 16.1	<b>72.6</b> 69.9	-2.8	50 59	2	2	0.46	0.46	0.18 T			1755 0030	1940 0045
Apr-09 Apr-10	Wed	74.2	16:36	46.3	23:49	27.9	60.3	-2.0 -9.6	59 59	2	2	0.01	0.01	1			0030	0045
Apr-10 Apr-11	Thu	74.2	16:39	46.0	06:19	30.4	61.2	1.0	59 59	1	2							
Apr-12	Fri	71.2	11:18	56.8	00:19	14.4	64.0	2.8	59	2	2	0.25	0.18	0.03			1155	1530
Apr-12 Apr-13	Sat	68.4	17:25	61.5	07:39	6.9	65.0	1.0	60	2	2	0.23	0.10	0.03			0428	0905
Apr-14	Sun	79.5	14:41	63.5	00:01	16.0	71.5	6.6	60	2	2	0.11	0.09	0.02			0300	0300
Apr-15	Mon	74.4	0:01	44.1	23:48	30.3	59.3	-12.3	62	0	1	0.40	0.30	0.10			0035	0040
Apr-16	Tue	70.6	17:09	37.8	05:30	32.8	54.2	-5.1	61	0	0		0.00	0.1.0				0010
Apr-17	Wed	84.2	15:16	51.8	06:50	32.4	68.0	13.8	61	1	1							
Apr-18	Thu	83.9	15:12	50.9	06:00	33.0	67.4	-0.6	62	1	1							
Apr-19	Fri	75.5	12:30	65.8	05:43	9.7	70.7	3.3	63	2	2	0.55	0.39	0.19			1130	1135
Apr-20	Sat	69.6	15:06	54.8	23:43	14.8	62.2	-8.5	63	2	2	Т	Т	Т			0020	0030
Apr-21	Sun	69.2	15:51	45.6	06:23	23.6	57.4	-4.8	63	1	1							
Apr-22	Mon	74.1	17:23	53.1	06:58	21.0	63.6	6.2	63	1	0	Т	Т	Т			0450	0500
Apr-23	Tue	83.5	17:03	47.4	06:12	36.1	65.5	1.9	63	0	1							
Apr-24	Wed	84.4	13:24	60.5	06:19	23.9	72.5	7.0	63	2	2							
Apr-25	Thu	79.8	16:11	58.4	06:39	21.4	69.1	-3.4	64	2	2	0.01	0.01	Т			0215	0225
Apr-26	Fri	76.4	13:09	52.9	23:46	23.5	64.7	-4.4	65	2	2	0.34	0.15	0.06			0427	0435
Apr-27	Sat	74.0	17:11	45.8	06:46	28.2	59.9	-4.8	64	0	0	T	Т	Т			0128	0135
Apr-28	Sun	82.7	15:45	54.6	23:58	28.1	68.7	8.8	64	0	1	Т	Т	Т			0256	0305
Apr-29	Mon	61.8	15:04	49.6	06:34	12.2	55.7	-13.0	65 60	2	2							
Apr-30	Tue	87.0	16:39	53.6	03:08	33.4	70.3	14.6		1	1							
TOTAL		2197		1496		700.5	1846.7	29.1	1786	35.0	40.0	3.63	2.37	0.77	0	0		.26-27
NUMBER		30	30	30	30	30	30	30	30	30	30	12	12	9	0	0		AVE RH
AVERAGE		73.23	14:22	49.88	8:52	23.35	61.56	0.97	59.53	1.17	1.33	Ave. Tot.		Ave. Max		Ave.Days		Percent
NORMALS		70.71		47.33		19.91	59.02 2.53		57.48	1.11	1.15 0.18	3.30 0.33	0.48	0.14	0.1	0.0	63.4	Percent
DEPARTURES	7005	2.52		2.55		3.4		44.0	2.1	0.05			0.04	0.05	-0.1	0.0	6.6	Percent
Max. Temps. 2019		87 Apr-30	Ave.HighMax 87.7	<mark>65.8</mark> Apr-19	Ave.HighMin 65.8	41 Apr-03	72.6 Apr-08	14.6 Apr-30	65	Whole Ave.Sky	e Day 1.25	0.77 Apr-13	0.52 Apr-13	0.19	0	0.0	Precip Amount	24 Hr. <b>0.79</b>
Ave.	-	Apr-30	87.7 Dep.	Apr-19	65.8 Dep.	Apr-03	Apr-08	Apr-30	Apr-26 Apr-29		1.25	Apr-13	Apr-13	Apr-19			Date	0.79 Apr 13
Departure	5.8		-0.6		0.0				Api-29	Depart.	0.23						Date	Apr 13 Apr 14
Min. Temps.		45.6	Ave.LowMax	26.5	Ave.LowMin	6.9	37.9	-13.0	50	SKY	AM	PM	>= 0.10	INCHES	>= 1.00	INCHES	>= 2.00	INCHES
2019		Apr-02	52.1	Apr-01	31.0	Apr-13	Apr-02	Apr-29	Apr-03	CLEAR	8	6	9	DAYS	0	DAYS	0	DAYS
Ave.			Dep.		Dep.					P.CLO.	9	8	Hottest	72.6	Highest	Lowest	Coolest	37.9
Departure	1.7		-6.5		-4.5					CLO.	13	16	DAY	4-08	Mean	Mean	DAY	4-02
Days Max. <=	:32 °F	0			MAX.	≥85	≥ 90	≥ 85	≥ 80	≥ 75	≥ 70	≥ 65	≥ 60	≥ 55	≥ 50	≥ 45	≥ 40	≥ 35
Daýs Max. >⊧		0			DAYS	1	0	1	9	14	23	26	27	28	29	30	30	30

PAGE #2	Apr				o Glen				7.65537°			Kooi						
20 Apr	21 22 2nd PERIOD		23	24 WIND	25	26 27 REL. HUMIDITY		28	29 30 BAROMETRIC PRESSUR		31	32	33	34	35	36	37	38
2019			RUN	MAX. TIME		MAX. MIN.		MAX. MIN.		AVE. CHANGE		GLAZE	SLEET	SNOW	FOG	N	DEW	FROST
Apr-01	STAR	LND	81.6	21	2:02	71	29	30.37	30.13	30.25	0.32	GLAZE	JLLL.	311011	100	1	DLW	1
Apr-02	1320	2040	64.1	15	9:56	94	51	30.36	30.07	30.22	-0.04							3
Apr-03		20.0	76.7	21	15:03	98	29	30.29	30.09	30.19	-0.03							5
Apr-04			74.1	14	10:30	86	27	30.43	30.29	30.36	0.17						3	
Apr-05	1315	2105	77.3	20	10:59	96	44	30.34	30.18	30.26	-0.10						Р	
Apr-06	0310	0320	39.5	10	0:23	100	73	30.25	30.14	30.20	-0.06				2		Р	
Apr-07			75.8	20	23:37	100	58	30.28	30.05	30.17	-0.03				3		4	
Apr-08			132.8	21	13:41	96	56	30.08	29.77	29.93	-0.24					2	1	
Apr-09	0215	0355	63.1	14	16:03	97	51	29.81	29.59	29.70	-0.22						Р	
Apr-10			56.6	14	1:00	78	29	29.97	29.72	29.85	0.15						2	
Apr-11			76.5	16	14:12	86	47	30.15	29.97	30.06	0.22						3	
Apr-12	1808	1855	86.9	19	10:52	94	74	30.16	30.04	30.10	0.04						4	
Apr-13	1205	1700	49.1	17	0:15	97	84	30.14	30.00	30.07	-0.03				-	1	Р	
Apr-14	1805	1850	110.4	27	20:01	99	71	30.00	29.49	29.75	-0.33				2		Р	
Apr-15	0100	0225	134.1	35	1:55	95	41	30.10	<b>29.40</b>	29.75	0.01					2	P	
Apr-16			86.7	20	15:33	86	31	30.26	30.05	30.16	0.41						3	1
Apr-17			100.3	20 27	17:50	73 92	38 38	30.08	29.97	30.03	-0.13 -0.07						1 4	
Apr-18	1225	1415	105.9 161.1	30	18:17 14:48	92	38 75	30.06 29.88	29.85 29.57	29.96 29.73	-0.07						4 N	
Apr-19 Apr-20	0510	0515	153.3	30	14:48	94 95	75 47	29.88	29.57	29.73	-0.23						P	
Apr-20	0010	0010	51.9	12	0:20	95	43	30.09	29.85	29.97	0.28						4	
Apr-22			79.9	18	11:07	86	43	30.16	30.06	30.11	0.14						P	
Apr-23			91.9	21	18:51	96	38	30.11	29.83	29.97	-0.14						5	
Apr-24			54.7	15	0:14	87	44	29.89	29.80	29.85	-0.13						1	
Apr-25	2330	2335	47.4	12	21:52	94	60	29.91	29.81	29.86	0.02						P	
Apr-26	0800	1000	94.1	32	11:52	95	68	29.83	29.40	29.62	-0.25					1	1	
Apr-27			83.8	25	14:43	89	31	29.90	29.69	29.80	0.18						Р	
Apr-28	0520	0525	118.8	23	19:06	73	44	30.25	29.85	30.05	0.25						Ν	
Apr-29			85.4	15	1:18	91	60	30.41	30.21	30.31	0.26						Ν	
Apr-30			67.6	15	4:36	96	50	30.24	30.15	30.20	-0.12						3	
TOTAL	Colur	mn 23	2581.4	600		2729	1474	903.65	896.55	900.10	DAYS	0	0	0	3	4	14	4
NUMBER	Mar. Wi	ind Run	30	30	30	30	30	30	30	30	Normal	0.0	0.1	0.4	2.0	3.6	13.2	3.3
AVERAGE	Total	2581.4	86.05	20.00	11:14	90.97	49.13	30.12	29.89	30.00	Depart.	0.0	-0.1	-0.4	1.0	0.4	0.8	0.7
NORMALS	Miles	2245.6	74.9	21.5		87.7	39.1	30.11	29.89	30.00	Rating ►	0	0	0	7	6	39	10
DEPARTURES	Miles	335.8	11.2	-1.5		3.3	10.0	0.01	0.00	0.00	Intensity	GLAZE	SLEET	SNOV	0		>	st
	MAXIMUM	Dates	161.1	35	South	100	84	30.43	30.29	30.36	0.41	L L	Щ	ž	FOG		Dew	Frost
	DATES	1	Apr-19	Apr-15	1:55	Apr-06	Apr-13	Apr-04	Apr-04	Apr-04	Apr-16	-		0	<u> </u>			
		2				Apr-07						5. Very He	•				No Dew Ol	
		3										4. Heavy-				P- Precip	o. prevent	obs.
Min. Temps.		4			Ave. Max.							3. Moder						
2019	-	Dates	39.5	10	35.4	71	27	29.81	29.40	29.62		2. Light -						
Ave.	0.2 -0.2	1	Apr-06	Apr-06	Dep.	Apr-01	Apr-04	Apr-09	Apr-15	Apr-26	Apr-14	1. Very Li						
Departure	-	2	MIN	175	-0.4	< 05	< 00	< FF	Apr-26		< 10	M - Even			-			
Days Min.		3 0	MIN.	≤ 75 20	<mark>≤ 70</mark> 30	<mark>≤ 65</mark> 29	<mark>≤ 60</mark> 24	<mark>≤ 55</mark> 22	<mark>≤ 50</mark> 15	≤ 45 ¢	≤ 40 4	≤ 35 3	<mark>≤ 30</mark> 3	≤ 25	<mark>≤ 20</mark> 0	≤ 15 0		
Days Min		V	Days	30	30	29	24	22	15	6	4	3	3	0	U	U		

PAGE #3	West Henrico Co Glen Allen Weather Center 37.65537° N. 77.56929° W Koontz
Apr	REMARKS FOR THE MONTH
2019	April - 2019
Apr-01	VERY DRY AIR AND WIND AT NIGHT-ONLY A LITTLE FROST ON GRASS EVEN THOUGH TEMP WAS VERY LOW FOR APRIL-COLD CLEAR DAY FOR APR. 1-CLEAR
Apr-01 Apr-02	REC. LOW MAX. TEMP. TODAY AND A VERY COLD RAINY PM-HIGH WAS BELOW THE JAN. AVERAGE LOWEST MAX. TEMP. OF 47°F
Apr-02	COLD START TODAY BUT A PLEASANT PM WITH A 41 DEGREE WARMUP A NEW TEMP. RANGE REC. FOR APRIL-NO CLOUDS TODAY
Apr-04	THIN CIRRUS AND CIRROSTRATUS AT ABOUT 0945 THEN CLEARING-AM DEW ONLY ON GRASS & A BREEZY WARM PM
Apr-05	ALL DAY RAIN WITH A N/NE BREEZE-VERY CHILLY FOR APRIL
Apr-06	LIGHT AM FOG CLEARED BY 1030 AND CLOUDS DIDN'T CLEAR UNTIL 1530-VERY CLEAR AFTER 1745
Apr-07	HEAVIEST FOG AT 0730 & THIN CIRRUS AFTER FOG CLEARED AT 0830 & AFTER 1230 CUMULUS - AFTER 1630 STRATOCUMULUS
Apr-08	1ST TS OF 2019-TS RATING 2-1-2-CLEARING STARTED AT 0900 & MOSTLY CLEAR FROM 1045-1415 THEN CLOUDY
Apr-09	VERY PLEASANT SPRING DAY BUT CLOUDY MOST OF DAY
Apr-10	GRASS WET WITH DEW BUT NONE ON DECK- AGAIN GRASS VERY WET PROBABLY BECAUSE OF GUTTATION-CLEAR AM & CLOUDS CAME IN AT 1230-PM EST.
Apr-11	GRASS WET AGAIN BECAUSE OF GUTTATION BUT LITTLE DEW ON DECK-CLEAR BEFORE 0630 SUN FILTERED BY CIRRUS THIN BUT COVERED WHOLE SKY
Apr-12	HEAVY DEW AND CLOUDY ALL DAY WITH FIRST RAIN OCCURRING AROUND NOON-3RD PD. OF RAIN 2040-2210
Apr-13	ONE THUNDER AT 0554 AND HEAVY RAIN AROUND 0600 BUT DURING DAY JUST SPRINKLES-15 MINS. OF SUN JUST BEFORE SUNSET
Apr-14 Apr-15	LITTLE AM FOG AFTER AN EARLY AM SHOWER FOLLOWED BY ANOTHER PM SHOWER-SEVERE TS IN FORECAST TONIGHT TS RATED 2-4-2-3RD PD. OF PRECIP. 0305-0340-VERY CLEAR TO 1300 THEN CIRRUS TO 1645-COOL DURING DAY AND MAX. WAS AT MIDNIGHT
Apr-15 Apr-16	IVERY LITTLE FROST SEEN ON SHED ROOF-20-30% CIRRUS TO 0930 THEN CLEAR TO 1645 - GOOD WARMUP DURING DAY AND MAX. WAS AT MIDNIGHT
Apr-10 Apr-17	CIRRUS CLOUDS MOST OF DAY BUT VERY THIN-CLEAREST AT 1230-1400-HOTTEST DAY OF 2019
Apr-18	CIRRUS CLOUDS MOST OF DAY BUT VERY THIN FOLLARED AT 1250 1400 TO TEET DAY OF 2013
Apr-19	SPRINKLES BET, 1225-1415, 3RD PD, 1705-1730, 4TH PD, 1900-2215 STORM NOT AS BAD AS FORECAST & NO THUNDER HEARD
Apr-20	PC FROM 1115-1530-CLOUDY REST OF DAY AND WINDY-PM EST. 65-75% CLOUDY WITH STRATOCUMULUS AND CUMULUS
Apr-21	AM WAS ABOUT 40-45% CLOUDY AND PM 60-65% CLOUDY-COOL DAY
Apr-22	THICKER AM CLOUDS BECAME CIRRUS UNTIL 1130 THEN CIRRUS CLEARED TO PM FAIR WEATHER CUMULUS-PM EST. 30% CLOUDY
Apr-23	BEAUTIFUL SPRING DAY WITH VERY LARGE TEMP. RANGE OF 36.1°F-PM HAD CIRRUS CLOUDS
Apr-24	ONLY A LITTLE DEW ON GRASS-CIRRUS AND CIRROSTRTUS IN AM & PM WAS CIRROSTRATUS AND CUMULUS THEN ALTOCUMULUS-HOTTEST DAY OF 2019
Apr-25	YESTERDAY WAS HOTTEST SINCE OCT. 8, 2018 WHEN 85.9°F WAS RECA LITTLE SUN THROUGH A MODERATE CIRRUS OVERCAST FROM 1400-1730
Apr-26	TS RATED 1-4-2 - 3 THUNDERS HEARD AT 1418, 1428, 1458-3RD PD. OF RAIN 1325-1740-4TH PD. 1830-2135, 5TH PD. 2315-2320
Apr-27	SPRINKLES FROM 0128-1035-EXCELLENT SPRING DAY COOL, CLEAR SKY, BREEZY, AND LOW REL. HUMIDITY
Apr-28	ANOTHER GREAT APRIL DAY VERY CLEAR FROM 0900-1330 THEN CUMULUS THAT INCREASED AND CLOUDY BY 1800
Apr-29 Apr-30	VERY CLOUDY WITH A COOL NE BREEZE-I FINISHED PLANTING 25 TOMATOES IN THE GARDEN TODAY GREAT WARMUP FROM YESTERDAY AND THE HOTTEST DAY OF 2019 - THE HIGHEST TEMPERATURE SINCE OCTOBER 7, 2018 WHEN IT WAS 89.2°F
· ·	GREAT WARMOF FROM FESTERDAT AND THE HOTEST DAT OF 2019 - THE HIGHEST TEMPERATURE SINCE OCTOBER 7, 2018 WHENTE WAS 65.2 F
DATE	IEXCEPT CIRRUS AFTER 1645
Apr-01 Apr-10	70-80% CLOUDY
Apr-10 Apr-11	BUT PM WAS CLOUDY
	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 2019

41 Apr	DAILY RECORDS FOR THE MONTH
2019	The Glen Allen Station had 24 Records or Record Ties in April 2019
	The minimum temperature on the 1st was 26.5°F, a new 10-year LOW daily minimum temperature record for the date - the old record was 38°F in 2014.
	The maximum temperature on the 2nd was 45.6°F, a new 10-year cold daily maximum temperature record for the date - the old record was 56°F in 2013.
	The daily precipitation on the 2nd was 0.13 inches, a new 10-year HIGH daily precipitation record for the date - the old record was 0.12 inches in 2016 and 2009.
	The daily temperature range on the 3rd was 41°F, a new 10-year HIGH daily temperature range record for the date - the old record was 38°F in 2012.
4	
	The daily precipitation on the 5th was 0.59 inches, a new 10-year HIGH daily precipitation record for the date - the old record was 0.36 inches in 2013.
	The maximum temperature on the 5th was 54.7°F, a new 10-year cold daily maximum temperature record for the date - the old record was 56.3°F in 2015.
	The daily temperature range on the 5th was 7.4°F, a new 10-year Cold daily maximum temperature record for the date - the old record was 50.5°F in 2014.
	The daily temperature range on the 6th was 16.7°F, a new 10-year LOW daily temperature range record for the date - the old record was 18°F in 2009.
7	The daily temperature range on the our was 10.7 T, a new 10-year 20w daily temperature range record for the date - the our record was 10 T in 2000.
	The maximum temperature on the 8th was 83.9°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 83°F in 2010.
	The minimum temperature on the 8th was 61.3°F, a new 10-year warm daily minimum temperature record for the date - the old record was 60°F in 2010.
	The minimum temperature on the 9th was 61.8°F, a new 10-year warm daily minimum temperature record for the date - the old record was 60°F in 2013.
10	
10	
	The daily temperature range on the 12th was 14.4°F, a new 10-year LOW daily temperature range record for the date - the old record was 16°F in 2011.
	The daily precipitation on the 13th was 0.77 inches, a new 10-year HIGH daily precipitation record for the date - the old record was 0.06 inches in 2011.
	The minimum temperature on the 13th was 61.5°F, a new 10-year warm daily minimum temperature record for the date - the old record was 58°F in 2014.
	The daily temperature range on the 13th was 6.9°F, a new 10-year LOW daily temperature range record for the date - the old record was 17°F in 2011.
	The minimum temperature on the 14th was 63.5°F, a new 10-year warm daily minimum temperature record for the date - the old record was 62.7°F in 2018.
15	
16	
	The maximum temperature on the 17th was 84.2°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 82.8°F in 2017.
18	The maximum temperature of the first was 04.2 f, a new to year dairy mort maximum temperature record for the date - the ofd record was 02.0 f in 2017.
	The minimum temperature on the 19th was 65.8°F, a new 10-year warm daily minimum temperature record for the date - the old record was 64°F in 2013.
	The daily temperature range on the 19th was 9.7°F, a new 10-year LOW daily temperature range record for the date - the old record was 04 r in 2013.
	The daily temperature range on the 20th was 14.8°F, a new 10-year LOW daily temperature range record for the date - the old record was 17°F in 2013.
21	
22	
	The maximum temperature on the 23rd was 83.5°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 77°F in 2011 & 2010.
	The minimum temperature on the 24th was 60.5°F, a new 10-year warm daily minimum temperature record for the date - the old record was 60°F in 2011.
24	
26	
	The daily temperature range on the 27th was 28.2°F, a new 10-year HIGH daily temperature range record for the date - the old record was 27.2°F in 2015.
28	
20	
30	
50	