

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Apr 2019	Week	TEMPERATURE °F				TEMPERATURE °F				SKY		PRECIPITATION			FROZ. PRECIP.		1st PERIOD		
	Day	MAX.	Time	MIN.	Time	RANGE	MEAN	CHANGE	SOIL	AM	PM	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	54	1	2	T	T	T			2105	2205	
Apr-08	Mon	83.9	14:06	61.3	06:48	22.6	72.6	9.9	56	1	2	0.46	0.46	0.18			1755	1940	
Apr-09	Tue	77.9	16:36	61.8	23:49	16.1	69.9	-2.8	59	2	2	0.01	0.01	T			0030	0045	
Apr-10	Wed	74.2	14:15	46.3	06:55	27.9	60.3	-9.6	59	0	2								
Apr-11	Thu	76.4	16:39	46.0	06:19	30.4	61.2	1.0	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-13	Sat	68.4	17:25	61.5	07:39	6.9	65.0	1.0	60	2	2	0.77	0.52	0.12			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	0.04			0300	0420	
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								
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	T	T	T			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	T	T	T			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	T			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	T	T			0128	0135	
Apr-28	Sun	82.7	15:45	54.6	23:58	28.1	68.7	8.8	64	0	1	T	T	T			0256	0305	
Apr-29	Mon	61.8	15:04	49.6	06:34	12.2	55.7	-13.0	65	2	2								
Apr-30	Tue	87.0	16:39	53.6	03:08	33.4	70.3	14.6	60	1	1								
TOTAL		2197		1496		700.5	1846.7	29.1	1786	35.0	40.0	3.63	2.37	0.77	0	0	Col.26-27		
NUMBER		30	30	30	30	30	30	30	30	30	30	12	12	9	0	0	DAILY 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. Max	Ave.Tot.	Ave.Days	70.1	Percent	
NORMALS		70.71		47.33		19.91	59.02		57.48	1.11	1.15	3.30	0.48	0.14	0.1	0.0	63.4	Percent	
DEPARTURES		2.52		2.55		3.4	2.53		2.1	0.05	0.18	0.33	0.04	0.05	-0.1	0.0	6.6	Percent	
Max. Temps. >= 70°F		87	Ave.HighMax	65.8	Ave.HighMin	41	72.6	14.6	65	Whole Day		0.77	0.52	0.19	0	0.0	Precip Amount Date	24 Hr. 0.79 Apr 13 Apr 14	
2019 23		Apr-30	87.7	Apr-19	65.8	Apr-03	Apr-08	Apr-30	Apr-26	Ave.Sky	1.25	Apr-13	Apr-13	Apr-19					
Ave. 17.2			Dep.		Dep.				1.02										
Departure 5.8			-0.6		0.0					0.23									
Min. Temps. <= 32°F		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 3		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. 1.3			Dep.		Dep.					P.CLO.	9	8		Hottest	72.6	Highest	Lowest	Cooler	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
Days Max. >=90°F		0				DAYS	1	0	1	9	14	23	26	27	28	29	30	30	30

PAGE #2		Apr 2019 West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz																		
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Apr 2019	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE				<div><div></div><div></div></div>								
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG		DEW	FROST		
Apr-01			81.6	21	2:02	71	29	30.37	30.13	30.25	0.32								1	
Apr-02	1320	2040	64.1	15	9:56	94	51	30.36	30.07	30.22	-0.04								3	
Apr-03			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							P		
Apr-06	0310	0320	39.5	10	0:23	100	73	30.25	30.14	30.20	-0.06				2			P		
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							P		
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		P		
Apr-14	1805	1850	110.4	27	20:01	99	71	30.00	29.49	29.75	-0.33				2			P		
Apr-15	0100	0225	134.1	35	1:55	95	41	30.10	29.40	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	17:50	73	38	30.08	29.97	30.03	-0.13							1		
Apr-18			105.9	27	18:17	92	38	30.06	29.85	29.96	-0.07							4		
Apr-19	1225	1415	161.1	30	14:48	94	75	29.88	29.57	29.73	-0.23							N		
Apr-20	0510	0515	153.3	31	16:09	95	47	29.85	29.53	29.69	-0.04							P		
Apr-21			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							P		
Apr-28	0520	0525	118.8	23	19:06	73	44	30.25	29.85	30.05	0.25							N		
Apr-29			85.4	15	1:18	91	60	30.41	30.21	30.31	0.26							N		
Apr-30			67.6	15	4:36	96	50	30.24	30.15	30.20	-0.12							3		
TOTAL NUMBER AVERAGE NORMALS DEPARTURES	Column 23		2581.4	600		2729	1474	903.65	896.55	900.10	DAYS	0	0	0	3	4	14	4		
	Mar. Wind Run		30	30	30	30	30	30	30	30	Normal	0.0	0.1	0.4	2.0	3.6	13.2	3.3		
	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	
	Miles		2245.6	74.9	21.5		87.7	39.1	30.11	29.89	30.00	Rating ▶ Intensity	0	0	0	7	6	39	10	
		Miles	335.8	11.2	-1.5		3.3	10.0	0.01	0.00	0.00	<div><div></div><div></div></div>	GLAZE	SLEET	SNOW	FOG	<div><div></div><div></div></div>	Dew	Frost	
MAXIMUM DATES		Dates	161.1	35	South	100	84	30.43	30.29	30.36	0.41									
		1	Apr-19	Apr-15	1:55	Apr-06	Apr-13	Apr-04	Apr-04	Apr-04	Apr-16									
		2				Apr-07														
		3																		
Min. Temps. >= 70°F 2019 0 Ave. 0.2 Departure -0.2		4			Ave. Max.															
		Dates	39.5	10	35.4	71	27	29.81	29.40	29.62	-0.33									
		1	Apr-06	Apr-06	Dep. -0.4	Apr-01	Apr-04	Apr-09	Apr-15	Apr-26	Apr-14	<div><div></div><div></div></div> <div>5. Very Heavy 4. Heavy-Unusual 3. Moderate - Ave. 2. Light - >= Ave. 1. Very Light - Slight - Trace M - Event with intensity missing</div>								
		2						Apr-26												
Days Min. <=32 °F		3	MIN.	≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35	≤ 30	≤ 25	≤ 20	≤ 15				
Days Min >=70°F		0	Days	30	30	29	24	22	15	6	4	3	3	0	0	0				

Apr
2019

REMARKS FOR THE MONTH

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-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-03	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	LITTLE AM FOG AFTER AN EARLY AM SHOWER FOLLOWED BY ANOTHER PM SHOWER-SEVERE TS IN FORECAST TONIGHT
Apr-15	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-16	VERY LITTLE FROST SEEN ON SHED ROOF-20-30% CIRRUS TO 0930 THEN CLEAR TO 1645 - GOOD WARMUP DURING PM-BOTH AM & PM HAD CIRRUS EST. 20-30%
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 AND MUCH SOLAR RADIATION
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 CIRROSTRATUS 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 REC.-A 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	VERY CLOUDY WITH A COOL NE BREEZE-I FINISHED PLANTING 25 TOMATOES IN THE GARDEN TODAY
Apr-30	GREAT WARMUP FROM YESTERDAY AND THE HOTTEST DAY OF 2019 - THE HIGHEST TEMPERATURE SINCE OCTOBER 7, 2018 WHEN IT WAS 89.2°F

DATE

Apr-01	EXCEPT CIRRUS AFTER 1645
Apr-10	70-80% CLOUDY
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](#)

Apr
2019

The Glen Allen Station had 24 Records or Record Ties in April 2019

1	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.
2	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.
3	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	
5	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 2016. The daily temperature range on the 5th was 7.4°F, a new 10-year LOW daily temperature range record for the date - the old record was 21°F in 2014.
6	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	
8	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.
9	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	
11	
12	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.
13	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.
14	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	
17	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	
19	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 13.9°F in 2017.
20	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	
23	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.
24	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.
25	
26	
27	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	
29	
30	

ACON - VA/NC/SC

The Atlantic Coast Observer Network: Virginia, North Carolina, South Carolina

April 2019

Station summary of Climatological Data

Observer: Lowell L. Koontz Acon Station ID: West Henrico Glen Allen, VA

Observation Times: Temps Recorded 2400 Precipitation Recorded 2400

TEMPERATURE °F

A	AVERAGE MAXIMUM	73.23
B	AVERAGE MINIMUM	49.88
C	MEAN MONTHLY	61.56
C1	MEAN TEMP DEP.	2.53
D	MAXIMUM	87
E	DATE(s) OF MAX.	Apr-30
F	MINIMUM	27
G	DATE(s) OF MIN.	Apr-01
H	# DAYS MAX. > = 90°	0
I	# MAX. < = 32°	0
J	MIN. < = 32°	3
K	MIN. < = 0°	0
K1	AVE RELATIVE HUMIDITY	70.1

WIND MPH

L	MAX. GUST	35
M	DIRECT. OF GUST	South
N	DATE	Apr-15
	TIME	1:55

NUMBER DAYS WITH -

O	THUNDER	4
P	HAIL	0
Q	GLAZE	0
R	ICE PELLETS (SLEET)	0
R1	DENSE FOG < = 1/4 MILE	0

PRECIPITATION INCHES

T	MONTH TOTAL	3.63
U	CALENDAR DAY MAX.	0.77
U1	DATE OF MAX.	Apr-13
V	24-HR. PERIOD MAX.	0.79
V1	DATE(s) OF MAX. PD.	13 th & 14 th
W	# DAYS > = 0.01"	12
X	# DAYS > = 1.00"	0
Y	YR. TO DATE TOT.	15.53
	MAX. 1 HR. PRECIP.	0.52
	MAX. 5 MIN PRECIP.	0.19

SNOWFALL INCHES

Z	DAILY MAXIMUM	0
1	DATE OF MAX.	
2	DAYS= > TRACE	0
3	DAYS > = 1.0"	0
4	MONTHLY TOTAL	0
5	2018 - 2019 SEASON'S TOT.	16.4

BAROMETER

6	MAXIMUM	30.43
6A	DATE	Apr-04
7	MINIMUM	29.40
7A	DATE	15 th & 26 th
8	AVE. MONTHLY PRESSURE	30.00
CWA	NWS COUNTY WARNING AREA	Henrico

APRIL TEMPERATURE GRAPH

