

Apr 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			
Apr-01	Wed	54.4	16:54	41.2	06:34	13.2	47.8	-0.7	56	2	2	0.01	0.01	T			0001	0045	
Apr-02	Thu	64.2	16:44	36.8	07:16	27.4	50.5	2.7	55	0	0								
Apr-03	Fri	71.3	15:18	38.2	04:24	33.1	54.8	4.3	55	0	0								
Apr-04	Sat	63.2	16:41	43.0	04:00	20.2	53.1	-1.7	55	1	1								
Apr-05	Sun	72.0	17:39	40.3	06:35	31.7	56.2	3.1	55	0	0								
Apr-06	Mon	74.3	13:43	52.1	06:45	22.2	63.2	7.1	56	0	1	0.11	0.11	0.05			0240	0340	
Apr-07	Tue	81.4	15:31	50.7	07:17	30.7	66.1	2.9	58	0	1	0.31	0.31	0.24			1733	1753	
Apr-08	Wed	81.0	15:42	56.9	08:44	24.1	69.0	2.9	59	2	1	0.10	0.08	0.02			0723	0815	
Apr-09	Thu	79.0	14:53	49.4	23:42	29.6	64.2	-4.8	59	1	0	0.04	0.04	0.01			0620	0735	
Apr-10	Fri	56.7	15:16	38.9	23:46	17.8	47.8	-16.4	59	1	1								
Apr-11	Sat	65.2	17:13	34.3	04:30	30.9	49.8	2.0	57	0	0								
Apr-12	Sun	74.5	16:13	48.6	00:01	25.9	61.6	11.8	57	2	2	0.05	0.02	0.01			0241	0245	
Apr-13	Mon	82.2	14:55	59.6	23:31	22.6	70.9	9.4	58	2	1	0.57	0.41	0.05			0001	0055	
Apr-14	Tue	64.1	15:02	44.9	23:59	19.2	54.5	-16.4	59	2	2	0.04	0.04	0.02			2240	2340	
Apr-15	Wed	56.0	17:09	36.9	07:27	19.1	46.5	-8.1	59	2	0	0.23	0.15	0.03			0010	0340	
Apr-16	Thu	63.2	17:22	36.7	07:04	26.5	50.0	3.5	58	0	0								
Apr-17	Fri	69.6	17:26	35.9	06:49	33.7	52.8	2.8	57	1	2								
Apr-18	Sat	64.0	14:54	39.4	23:52	24.6	51.7	-1.1	57	2	1	0.08	0.05	0.01			0623	0625	
Apr-19	Sun	68.6	16:30	33.3	06:38	35.3	51.0	-0.8	57	0	2								
Apr-20	Mon	61.8	17:33	48.9	23:58	12.9	55.4	4.4	57	2	2	0.37	0.19	0.02			0340	1250	
Apr-21	Tue	72.8	16:55	45.4	06:27	27.4	59.1	3.8	57	1	1	T	T	T			1036	1040	
Apr-22	Wed	67.4	17:15	35.2	06:07	32.2	51.3	-7.8	57	0	0								
Apr-23	Thu	64.1	12:05	47.5	03:58	16.6	55.8	4.5	57	2	2	0.28	0.15	0.02			1210	1215	
Apr-24	Fri	76.9	14:41	54.8	23:51	22.1	65.9	10.1	57	2	2	0.24	0.09	0.03			0205	0710	
Apr-25	Sat	60.3	15:33	51.2	22:55	9.1	55.8	-10.1	59	2	2	0.10	0.07	0.01			1525	1900	
Apr-26	Sun	68.4	17:29	51.1	03:52	17.3	59.8	4.0	59	2	2	0.70	0.58	0.11			0105	0110	
Apr-27	Mon	61.7	16:13	43.1	23:57	18.6	52.4	-7.3	59	2	1	0.01	0.01	T			0430	0545	
Apr-28	Tue	69.8	17:20	40.3	01:48	29.5	55.1	2.6	58	2	2								
Apr-29	Wed	78.3	15:06	48.3	06:33	30.0	63.3	8.3	58	1	2								
Apr-30	Thu	69.1	0:01	57.6	21:48	11.5	63.4	0.0	59	2	2	1.44	0.54	0.12			0005	0105	

TOTAL NUMBER	2056		1341		715.0	1698.0	14.9	1723	36.0	35.0	4.68	2.85	0.75	0	0	Col.26-27	
AVERAGE	30	30	30	30	30	30	30	30	30	30	17	17	15	0	0	DAILY AVE RH	
NORMALS	70.93	15:30	44.68	11:36	23.83	56.60	0.50	57.43	1.20	1.17	Ave. Tot.	Ave. Max	Ave. Max	Ave.Tot.	Ave.Days	69.2	Percent
DEPARTURES	-2.42		-2.88		4.0	-2.65		-0.2	0.07	0.03	1.35	0.10	0.10	0.0	0.0	5.1	Percent
Max. Temps. >= 70°F	82.2	Ave.HighMax	59.6	Ave.HighMin	35.3	70.9	11.8	59	Whole Day		1.44	0.58	0.24	0	0.0	Precip Amount	24 Hr.
2020	13	Apr-13	87.6	Apr-13	65.8	Apr-19	Apr-13	Apr-12	Apr-08	Ave.Sky	1.18	Apr-30	Apr-26	Apr-07		Date	1.44
Ave.	17.7		Dep.		Dep.				Apr-09	Normal	1.04					Date	Apr 30
Departure	-4.7		-5.4		-6.2				Apr-10	Depart.	0.14					Date	
Min. Temps. <= 32°F	54.4	Ave.LowMax	33.3	Ave.LowMin	9.1	46.5	-16.4	55	SKY	AM	PM	>= 0.10	INCHES	>= 1.00	INCHES	>= 2.00	INCHES
2020	0	Apr-01	51.5	Apr-19	30.6	Apr-25	Apr-15	Apr-10	CLEAR	9	8	11	DAYS	1	DAYS	0	DAYS
Ave.	1.5		Dep.		Dep.			Apr-14	P.CLO.	6	9	Hottest	70.9	Highest	Lowest	Coollest	46.5
Departure	-1.5		2.9		2.7			Apr-04	CLO.	15	13	DAY	4-13	Mean	Mean	DAY	4-15
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	0	0	0	3	7	13	18	27	29	30	30	30	30

Apr 2020	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE										
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG	DEW	FROST	
Apr-01	0230	0435	121.4	21	1:13	94	60	29.90	29.72	29.81	-0.07					P		
Apr-02			93.1	26	12:04	88	32	29.99	29.82	29.91	0.10					3		
Apr-03			88.5	27	13:02	80	23	29.90	29.76	29.83	-0.08					2		
Apr-04			76.3	19	10:53	91	48	30.09	29.90	30.00	0.16					3		
Apr-05			51.7	14	12:41	98	47	30.13	30.01	30.07	0.08					4		
Apr-06	1600	1615	59.1	17	14:40	96	55	30.07	29.97	30.02	-0.05				1	P		
Apr-07			57.0	33	17:34	97	42	30.03	29.70	29.87	-0.15				1	4		
Apr-08	0850	0915	74.4	24	6:01	96	48	29.76	29.57	29.67	-0.20					p		
Apr-09			112.7	34	13:28	95	29	29.61	29.34	29.48	-0.19					p		
Apr-10			110.5	27	10:44	70	31	29.95	29.58	29.77	0.29					N		
Apr-11			62.0	16	14:43	81	30	30.10	29.95	30.03	0.26					2		
Apr-12	2008	2400	126.2	26	13:41	90	50	30.17	29.92	30.05	0.02					P		
Apr-13	0250	0955	179.9	43	8:35	96	50	29.99	29.48	29.74	-0.31					P		
Apr-14			87.7	23	23:13	89	45	30.16	29.94	30.05	0.32					N		
Apr-15	0845	0910	101.4	21	0:14	94	38	30.12	29.99	30.06	0.00					P		
Apr-16			70.9	17	17:11	88	24	30.30	30.08	30.19	0.13					3		
Apr-17			111.6	29	17:36	87	35	30.35	29.85	30.10	-0.09					3		
Apr-18	0705	1055	96.3	27	13:16	93	39	30.03	29.74	29.89	-0.22					N		
Apr-19			70.3	30	16:31	96	47	30.05	29.71	29.88	0.00						2	
Apr-20			37.1	10	13:56	95	61	29.76	29.58	29.67	-0.21					P		
Apr-21	1355	1525	112.4	26	16:09	96	32	29.84	29.55	29.70	0.02					4		
Apr-22			57.2	17	11:41	75	25	30.07	29.84	29.96	0.26					2	None	
Apr-23	1340	2130	55.8	19	14:34	97	63	30.05	29.75	29.90	-0.05					2		
Apr-24	0740	0935	82.4	18	15:12	98	66	29.89	29.59	29.74	-0.16				1	P		
Apr-25			59.4	12	18:12	95	77	30.06	29.89	29.98	0.23					1		
Apr-26	0149	0435	51.3	18	17:14	99	68	29.95	29.67	29.81	-0.16				3	2	P	
Apr-27			98.4	26	10:47	96	52	30.15	29.77	29.96	0.15					P		
Apr-28			48.6	15	17:07	93	50	30.23	30.05	30.14	0.18					3		
Apr-29			105.4	28	23:20	97	52	30.07	29.89	29.98	-0.16					4		
Apr-30	0645	1620	114.6	33	6:54	96	74	29.92	29.66	29.79	-0.19					P		

TOTAL NUMBER	Column 23	2573.6	696		2756	1393	900.69	893.27	896.98	DAYS	0	0	0	1	4	14	1	
	Mar. Wind Run	30	30	30	30	30	30	30	30	Normal	0.0	0.1	0.4	2.1	3.6	13.3	3.4	
AVERAGE	Total	2573.6	85.79	23.20	13:24	91.87	46.43	30.02	29.78	29.90	Depart.	0.0	-0.1	-0.4	-1.1	0.4	0.7	-2.4
NORMALS	Miles	2276.1	75.9	21.3		88.0	40.0	30.11	29.89	30.00	Rating	0	0	0	3	5	40	2
DEPARTURES	Miles	297.5	9.9	1.9		3.9	6.4	-0.09	-0.11	-0.10	Intensity							

MAXIMUM DATES	Dates	179.9	43	SSE	99	77	30.35	30.08	30.19	0.32	
	1	Apr-13	Apr-13	8:35	Apr-26	Apr-25	Apr-17	Apr-16	Apr-16	Apr-14	
	2										
	3										
Min. Temps. >= 70°F	Ave.	0									
	Departure	-0.2									
Days Min. <=32 °F	0	MIN.	≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	
	Days Min >=70°F	0	Days	30	30	30	30	27	22	17	

5. Very Heavy
 4. Heavy-Unusual
 3. Moderate - Ave.
 2. Light - >= Ave.
 1. Very Light - Slight - Trace
 M - Event with intensity missing

N- None No Dew Obs.
 P- Precip. prevent obs.

Apr
2020

REMARKS FOR THE MONTH

April - 2020

Apr-01	CLOUDY ALL DAY BUT NO RAIN-WINDY AND CHILLY FOR APRIL
Apr-02	DEW RATED AS 3 NOT 4 AS PART OF THE WETNESS ON GRASS WAS FROM GUTTATION-DEEP BLUE SKY MOST OF DAY
Apr-03	A BEAUTIFUL SPRING DAY WITH FULL SUN AND DEEP BLUE SKY BUT A LITTLE WINDY
Apr-04	VERY CLEAR UNTIL 0945 THEN CUMULUS AND STRATOCUMULUS BECOMING CLOUDY UNTIL 1645 THEN CLEAR AGAIN
Apr-05	MOSTLY CLEAR ALL DAY UNTIL LATE 1845 WHEN CIRRUS AND CIRROSTRATUS AND ALTOSTRATUS CAME IN BY 1945-BEAUTIFUL SPRING DAY
Apr-06	TS-RATED 1-2-2 - ABOUT 5 THUNDERS-FIRST DISTANT THUNDER AT 0215-FIRST TS OF 2020-ALSO 1400 SHOWER ONLY A T SPRINGFIELD PARK ON N EDGE
Apr-07	TS-RATED 1-4-2 - 4 THUNDERS HEARD-RAINBOW 1745-1754-WARM SPRING DAY-VERY CLEAR TO 1245 & PC TO 1545 THEN CLOUDY
Apr-08	AM RAIN - MAY HAVE HEARD DISTANT THUNDER-CLEARING STARTED AT 1345 AND CLEAR BY 1415 THEN CUMULUS CLOUDS BY 1620-PM EST. 60% CLOUDY
Apr-09	WINDY WITH A VARIABLE SKY-CLOUDY SUNRISE TO 0850-CLEAR 0900-1215-PC 1220-1500 THEN CLEAR TO SUNSET AND INTO NIGHT
Apr-10	MOSTLY CLEAR UNTIL 0915 - TODAY WAS MORE LIKE A MARCH DAY BEING WINDY AND CHILLY
Apr-11	NO FROST SEEN - CLEAR ALL DAY ONLY A FEW CIRRUS FROM 1130-1300-BLUE SKY AND LOW RH OF 30% TODAY
Apr-12	CLOUDY MOST OF DAY AND WINDY-CLEAR PDS. WERE FROM 0915-1015, 1200-1250
Apr-13	POWER OUT FROM 0836-AROUND 1100 OR ABT. 2 1/2 HRS. - MAX. WIND 43MPH AT 0835 FROM SSE-CLEARING STARTED AT 1345 AND CLEAR BY 1500 TO SUNSET
Apr-14	AM AND PM WERE BOTH EST. TO BE 70-75% CLOUDY AND AGAIN BELOW AVERAGE TEMPS. TODAY
Apr-15	COLD APRIL DAY-CLOUDY AM CLEARING STARTED AT 1100 AND SUNNY PM WITH SPRINKLES 0845-0910-PM EST. 30% CLOUDY
Apr-16	TR OF FROST ON ONE DARK ROOF-VERY SUNNY DAY ONLY A FEW SCATTERED CUMULUS BET. 1045-1145
Apr-17	CLEAR UNTIL 1040 THEN MOSTLY CLOUDY TO 1545 THEN PC AND A WINDY AFTERNOON-AM EST. 35-40% CLOUDY
Apr-18	ANOTHER WINDY DAY WITH BELOW AVE. TEMPS. - CLEAR FROM 1445 TO SUNSET
Apr-19	ROOFS VERY WHITE WITH FROST- ALSO PATCHES OF FROST ON THE GRASS BUT GENERALLY NOT A KILLING FROST - CLEAR UNTIL 1120 THEN CIRRUS CLOUDS CAME IN
Apr-20	RAINY AM WITH HARDEST RAIN BET. 1000-1100-SOME SUN AFTER 1430 MAX. TEMP. WAS 10 °F BELOW AVERAGE
Apr-21	CLEAR UNTIL 0910 THEN CLOUDY TO NOON AND CUMULUS BY 1240 THEN PC AT UNTIL 1530 THEN CLEAR AGAIN BY 1830
Apr-22	NO CLOUDS SEEN UNTIL 1700 BUT CLOUDY BY 1900 AND A VERY LOW RH OF 25% AT 1451-COLD START BUT PM WAS PLEASANTLY WARM
Apr-23	DEW ONLY ON GRASS-ALTOSTRATUS IN AM - SPRINKLES AROUND NOON WITH LIGHT RAIN AT 1500 THEN 3RD PD. OF SPRINKLES 2215-2400
Apr-24	TS-RATED 1-2-2 -ABOUT 6 DISTANT THUNDERS HEARD-WE WERE ON N EDGE OF TS-STRONG STORMS TO OUR S WITH POWER OUTAGES AND HAIL-HIGH WINDS
Apr-25	CLOUDY ALL DAY NO SUN AND GLOOMY BECAUSE OF PM CLOUDS
Apr-26	TS-RATED 2-1-3 -FOG IN AM VISIBILITY CUT TO 0.4-0.5 MILES - 3RD PD. OF SHOWERS 1945-1955
Apr-27	CLOUDY AM AND VERY WINDY AND CHILLY-THEN MOSTLY CLOUDY BUT CLEARING STARTED AT 1620 AND VERY CLEAR AFTER 1830
Apr-28	MOSTLY CLOUDY WITH A LITTLE CLEARING AFTER 1800 WITH A LARGE TEMP. RANGE TODAY OF 30 °F
Apr-29	MOSTLY CLEAR UNTIL 1030 THEN CIRROSTRATUS CLOUDS CAME IN AND BECAME THICKER UNTIL 1330-PC UNTIL 1510 BECOMING CLEAR AGAIN TO SUNSET
Apr-30	CLOUDY ALL DAY WITH HEAVY RAIN AND A WINDY AM WITH MAX. GUST OF 33 MPH AT 654 BEFORE THE RAIN - HEAVIEST RAINFALL WAS BETWEEN 08:30 - 08:45.

DATE

Apr-19	BECOMING CIRROSTRATUS AND ALTOSTRATUS-ANOTHER WINDY DAY-MAX. WIND 30MPH AT 1631
Apr-24	3RD PD. OF PRECIP. 1600-1735

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](#)

Apr
2020

DAILY RECORDS FOR THE MONTH
The Glen Allen Station had 7 Records or Record Ties in April 2020

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The daily temperature range on the 10th was 17.8°F, a new 11-year LOW daily temperature range record for the date - the old record was 21.4°F in 2018.

The minimum temperature on the 19th was 33.3°F, a new 11-year LOW daily minimum temperature record for the date - the old record was 38°F in 2010.

The daily temperature range on the 20th was 12.9°F, a new 11-year LOW daily temperature range record for the date - the old record was 14.8°F in 2019.

The maximum temperature on the 20th was 61.8°F, a new 11-year cold daily maximum temperature record for the date - the old record was 64.7°F in 2018.

The daily precipitation on the 23rd was 0.28 inches, a new 11-year HIGH daily precipitation record for the date - the old record was 0.12 inches in 2017.

The daily precipitation on the 26th was 0.69 inches, a new 11-year HIGH daily precipitation record for the date - the old record was 0.51 inches in 2012.

The maximum temperature on the 27th was 61.7°F, a new 11-year cold daily maximum temperature record for the date - the old record was 66.2°F in 2015.

ACON - VA/NC/SC

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

April 2020

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	68.52
B	AVERAGE MINIMUM	44.68
C	MEAN MONTHLY	56.60
C1	MEAN TEMP DEP.	-2.65
D	MAXIMUM	82
E	DATE(s) OF MAX.	Apr-13
F	MINIMUM	33
G	DATE(s) OF MIN.	Apr-19
H	# DAYS MAX. > = 90°	0
I	# MAX. < = 32°	0
J	MIN. < = 32°	0
K	MIN. < = 0°	0
K1	AVE RELATIVE HUMIDITY	69.2

WIND MPH

L	MAX. GUST	43
M	DIRECT. OF GUST	SSE
N	DATE	Apr-13
	TIME	8:35

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	4.68
U	CALENDAR DAY MAX.	1.44
U1	DATE OF MAX.	Apr-30
V	24-HR. PERIOD MAX.	1.44
V1	DATE(s) OF MAX. PD.	Apr 30
W	# DAYS > = 0.01"	17
X	# DAYS > = 1.00"	1
Y	YR. TO DATE TOT.	14.14
	MAX. 1 HR. PRECIP.	0.58
	MAX. 5 MIN PRECIP.	0.24

SNOWFALL INCHES

Z	DAILY MAXIMUM	0
1	DATE OF MAX.	
2	DAYS= > TRACE	0
3	DAYS > = 1.0"	0
4	MONTHLY TOTAL	0
5	2019 - 2020 SEASON'S TOT.	0.4

BAROMETER

6	MAXIMUM	30.35
6A	DATE	Apr-17
7	MINIMUM	29.34
7A	DATE	Apr-09
8	AVE. MONTHLY PRESSURE	29.90
CWA	NWS COUNTY WARNING AREA	Henrico

APRIL TEMPERATURE GRAPH

