

May 2020 West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz																					
2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
May 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			
May-01	Fri	66.1	16:52	49.9	23:04	16.2	58.0	-5.4	59	2	2	0.20	0.11	0.04			0210	0215			
May-02	Sat	73.0	16:45	43.2	6:11	29.8	58.1	0.1	60	0	0										
May-03	Sun	86.8	16:35	58.1	6:11	28.7	72.5	14.4	61	1	1	T	T	T				1235	1240		
May-04	Mon	80.4	16:36	56.5	23:59	23.9	68.5	-4.0	62	0	0	T	T	T				0055	0100		
May-05	Tue	59.3	15:59	49.0	6:39	10.3	54.2	-14.3	63	2	2	0.14	0.04	T				1045	1305		
May-06	Wed	68.2	15:44	48.7	22:55	19.5	58.5	4.3	62	2	1	0.28	0.20	0.04					0001	0245	
May-07	Thu	69.0	16:53	39.0	6:28	30.0	54.0	-4.5	62	0	0										
May-08	Fri	70.7	13:28	43.8	5:25	26.9	57.3	3.3	62	2	2	0.07	0.06	0.01						1600	1910
May-09	Sat	59.8	16:37	30.8	6:25	29.0	45.3	-12.0	61	0	1										
May-10	Sun	68.4	16:20	30.8	5:50	37.6	49.6	4.3	59	0	0										
May-11	Mon	66.2	15:42	41.5	23:54	24.7	53.9	4.3	60	2	1	T	T	T					0640	0645	
May-12	Tue	64.7	16:59	37.0	2:29	27.7	50.9	-3.0	60	2	1										
May-13	Wed	71.7	17:06	39.9	4:41	31.8	55.8	5.0	60	1	0										
May-14	Thu	79.2	15:13	46.7	3:04	32.5	63.0	7.2	61	2	1	T	T	T						0655	0700
May-15	Fri	86.2	15:37	63.4	6:54	22.8	74.8	11.9	61	2	0										
May-16	Sat	86.3	14:14	63.9	6:30	22.4	75.1	0.3	64	0	1										
May-17	Sun	77.2	16:14	64.1	6:31	13.1	70.7	-4.4	65	2	2	T	T	T						0345	0350
May-18	Mon	64.7	0:01	58.9	8:41	5.8	61.8	-8.9	65	2	2	0.15	0.06	0.03						0550	0845
May-19	Tue	61.9	16:13	54.0	23:56	7.9	58.0	-3.8	64	2	2	0.04	0.01	T						0830	0835
May-20	Wed	58.0	14:19	51.7	7:19	6.3	54.9	-3.1	62	2	2	0.01	0.01	T						1045	1120
May-21	Thu	69.5	12:55	52.8	5:07	16.7	61.2	6.3	61	2	2	0.05	0.02	0.01					0635	0725	
May-22	Fri	82.8	16:08	63.5	0:03	19.3	73.2	12.0	62	2	1	0.69	0.26	0.08						0115	0740
May-23	Sat	84.9	15:00	62.0	5:48	22.9	73.5	0.3	65	2	1										
May-24	Sun	68.2	16:53	61.4	10:22	6.8	64.8	-8.7	66	2	2										
May-25	Mon	77.2	16:37	60.4	5:02	16.8	68.8	4.0	65	2	2										
May-26	Tue	76.4	16:58	56.6	6:12	19.8	66.5	-2.3	66	2	2										
May-27	Wed	81.5	16:53	64.4	5:41	17.1	73.0	6.5	66	2	2	0.06	0.06	0.01						2130	2345
May-28	Thu	81.7	14:20	71.0	0:01	10.7	76.4	3.4	67	2	2	0.50	0.39	0.14						0100	1210
May-29	Fri	87.1	14:15	73.1	23:52	14.0	80.1	3.8	69	2	2	T	T	T						0310	0315
May-30	Sat	83.4	16:40	65.0	22:53	18.4	74.2	-5.9	70	2	2	T	T	T						1350	1355
May-31	Sun	76.6	16:27	60.9	6:41	15.7	68.8	-5.5	70	0	0										
TOTAL		2287.1		1662.0		625.1	1974.6	5.4	1960	46	39	2.19	1.22	0.36	0.00	0.00			Col.26-27		
NUMBER		31	31	31	31	31	31	31	31	31	31	11	11	8	0	0			DAILY AVE RH		
AVERAGE		73.78	15:22	53.61	9:38	20.16	63.70		63.23	1.48	1.26	Ave. Tot.	Ave. Max	Ave. Max					73.3	Percent	
NORMALS		79.33		58.58		20.75	68.96		67.11	1.14	1.18	5.26	0.95	0.23	0.0	0.0			72.1	Percent	
DEPARTURES		-5.56		-4.97		-0.59	-5.3		-3.89	0.35	0.08	-3.07	-0.56	-0.09			1.2	Percent			
Max. Temps. >= 70°F		87.1	Ave.HighMax	73.1	Ave.HighMin	37.6	80.1	14.4	70.0	Whole Day		0.69	0.39	0.14			Precip Amount	24 Hr.			
2020 19		May-29	91.3	May-29	71.0	May-10	May-29	May-03	May-30	AVERAGE 1.37		May-22	May-28	May-28							
Ave. 26.4			Dep.		Dep.				May-31	Normal 1.16											
Departure -7.4			-4.2		2.1					Depart 0.21											
Min. Temps. >70°F		58.0	Ave.LowMax	30.8	Ave.LowMin	5.8	45.3	-14.3	59.0	SKY		AM	PM		>= 0.10	INCHES	>= 1.00	INCHES			
2020 2		May-20	63.0	May-09	40.8	May-18	May-09	May-05	May-01	CLEAR		7	7		6	DAYS	0	DAYS			
Ave. 2.2			Dep.	May-10	Dep.				May-10	PT. CLO.		2	9		Hottest	80.1	Highest	Coolest			
Departure -0.2			-5.0		-10.0					CLOUDY		22	15		DAY	5-29	Mean	DAY			
Days Max. <=32 °F		0		MAX.	≥ 95	≥ 90	≥ 85	≥ 80	≥ 75	≥ 70	≥ 65	≥ 60	≥ 55	≥ 50							
Days Max. >=90°F		0		DAYS	0	0	5	10	15	19	27	29	31	31							

	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
May 2020	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE				<div>⌂</div>						
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG	DEW	FROST	
May-01	0300	0305	52.8	17	17:08	98	58	29.98	29.68	29.83	0.04					P		
May-02			52.1	13	9:03	97	39	30.18	29.98	30.08	0.25					4		
May-03			86.9	17	14:41	80	48	30.00	29.68	29.84	-0.24					1		
May-04	0330	0355	80.8	18	12:51	94	31	29.95	29.65	29.80	-0.04					P		
May-05	1705	1825	40.0	11	8:32	91	58	30.03	29.84	29.94	0.14					N		
May-06	1320	1325	69.2	18	18:04	96	50	29.88	29.70	29.79	-0.15					P		
May-07			77.2	20	11:49	94	30	29.97	29.86	29.92	0.13					4		
May-08	2230	2250	126.0	34	16:34	93	40	29.94	29.68	29.81	-0.10					3		
May-09			68.0	24	0:12	96	34	30.26	29.82	30.04	0.23						3	
May-10			86.6	18	14:42	95	33	30.30	29.98	30.14	0.10						4	
May-11	0720	0730	85.7	19	13:51	83	39	30.15	29.91	30.03	-0.11					N		
May-12			39.5	14	9:11	85	42	30.25	30.12	30.19	0.16					1		
May-13			37.9	14	13:47	93	33	30.38	30.23	30.31	0.12					3		
May-14	0905	0910	71.0	17	15:26	87	57	30.32	30.11	30.22	-0.09					P		
May-15			147.6	28	14:54	87	44	30.15	29.97	30.06	-0.16					N		
May-16			84.9	21	0:54	90	51	30.12	29.98	30.05	-0.01					2		
May-17			71.6	13	17:55	90	66	30.16	30.06	30.11	0.06					N		
May-18	1005	1055	111.8	17	10:06	67	90	30.07	29.93	30.00	-0.11					P		
May-19	1000	1005	108.5	27	16:39	92	62	30.19	30.00	30.10	0.09					P		
May-20	1200	1235	122.2	22	15:21	94	64	30.29	30.17	30.23	0.14					N		
May-21	1415	2045	105.3	17	13:29	96	75	30.29	30.14	30.22	-0.02					N		
May-22			61.1	13	10:40	98	61	30.15	29.97	30.06	-0.16					P		
May-23			30.2	12	12:30	97	52	30.05	29.95	30.00	-0.06			2		3		
May-24			49.8	13	9:13	98	82	30.20	30.04	30.12	0.12			1		4		
May-25			33.6	8	13:37	94	69	30.25	30.13	30.19	0.07					3		
May-26			31.8	9	19:50	98	73	30.23	30.15	30.19	0.00					5		
May-27			67.5	16	19:25	98	70	30.20	30.10	30.15	-0.04			2		4		
May-28			99.2	19	5:49	97	83	30.11	30.02	30.07	-0.09				1	P		
May-29	0625	0630	92.5	17	13:20	96	69	30.07	29.94	30.01	-0.06					3		
May-30	1410	1415	60.0	14	15:42	94	48	29.99	29.91	29.95	-0.06					2		
May-31			96.5	18	4:19	85	40	30.18	29.98	30.08	0.13					N		
TOTAL	Column 23		2347.8	538		2853	1691	934.29	928.68	931.49	TOTAL	0	0	0	3	1	14	2
NUMBER	Mar. Wind Run		31	31	31	31	31	31	31	31	NORMAL	0.0	0.0	0.0	3.3	5.5	16.5	0.2
AVERAGE	Total	2347.8	75.7	17.4	12:34	92.0	54.5	30.14	29.96	30.05	DEPART.	0.0	0.0	0.0	-0.3	-4.5	-2.5	1.8
NORMALS	Miles	1697.1	54.7	18.0		93.8	50.4	30.08	29.94	30.01	Rating ▶	0	0	0	5	1	42	7
DEPARTURES	Miles	650.7	21.0	-0.6		-1.8	4.1	0.05	0.02	0.04	Intensity	GLAZE	SLEET	SNOW	FOG	⌂	Dew	Frost
MAXIMUM DATES		Dates	147.6	34	SSW	98	90	30.38	30.23	30.31	0.25	<div>GLAZE</div> <div>SLEET</div> <div>SNOW</div> <div>FOG</div> <div>⌂</div> <div>Dew</div> <div>Frost</div>						
		1	May-15	May-08	16:34	May-01	May-18	May-13	May-13	May-13	May-02							
		2				May-22												
		3			Column 24	May-24												
Min. Temps. >= 70°F		4			Ave. Max.	May-26												
		2020	2															
		Ave.	2.2			31.2	67	29.88	29.65	29.79	-0.24							
		Departure	-0.2			Dep.	May-18	May-07	May-06	May-06	May-03							
Days Min. <=32 °F		2	MIN.	≤ 80	≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35	≤ 32	≤ 30			
Days Min >=70°F		2	DAYS	31	31	29	29	20	15	12	8	5	2	2	0			

PAGE #3	West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz
39	40
May 2020	REMARKS FOR THE MONTH May - 2020
May-01	3RD PD OF RAIN 0505-0820 GAVE 0.16 INCHES, 4TH PD. 1355-1440 GAVE 0.04 INCHES-NO SUN IN AM-PM SOME SUN FROM 1210-1245 THEN 1320-1340 AND 1730-1815
May-02	BEAUTIFUL MAY DAY-DEEP BLUE SKY & LOW RH
May-03	THE CLOUDIEST PD. OF DAY WAS FROM NOON TO 1400-2ND HOTTEST DAY OF 2020
May-04	BREEZY CLEAR DAY
May-05	78% MAX. RH OVERNIGHT-A CLOUDY AND CHILLY DAY FOR MAY WITH A NORTH BREEZE-3RD PD. OF PRECIP. 2335-2400
May-06	AM MOSTLY CLOUDY - PM A VARIABLE SKY-0.28 INCHES OF RAIN FROM MIDNIGHT - 0245 AND A SPRINKLE FROM 1320-1325
May-07	A VERY CHILLY START & A VERY CLEAR DAY WITH A GOOD 30 DEGREE WARMUP-MAX. WIND 20MPH
May-08	MOSTLY CLEAR FROM 0830 THEN MOSTLY CLOUDY TO 1030 THEN CLOUDY AND PM WAS VERY WINDY WITH MAX. GUST OF 34MPH AT 1634-ALSO 3 SPRINKLES BET. 2010-2150
May-09	CUMULUS CLOUDS STARTED COMING IN AT 1000 THEN PC MOST OF PM-REC. MIN. FOR SPRINGFIELD PARK FOR DATE-COLDEST MAY 9TH AT AIRPORT SINCE 1976 WHEN IT WAS
May-10	A HEAVIER FROST AS IT WAS COLDER EARLIER IN THE NIGHT-VERY CLEAR DAY REC. LOW MIN. ALSO FOR RICHMOND-AIRPORT HAD A 32 °F MIN. WHICH WAS ONLY 1 DEGREE FROM
May-11	AM WAS CLOUDY TO 0915 THEN PC TO 1015 CLOUDY AGAIN TO 1140 THEN PC TO 1515 THEN CLOUDY AGAIN-PM EST. 60-65% CLOUDY
May-12	4TH CONSECUTIVE LOW MIN. TEMP. FOR DATE-PM PLEASANT IN SUN BUT COOL DURING PDS. OF CLOUDINESS
May-13	AM WAS PC AND PM WAS VERY CLEAR WITH A 31.8 °F TEMP. RISE WHICH WAS A NEW REC. TEMP. RANGE FOR DATE
May-14	CLOUDY TO 1430 THEN MOSTLY PC
May-15	AM WAS PC FIRST CLEARING OF SKY OCCURRED AT 1100 AND PM WAS CLEAR BUT WINDY-MAX. WIND GUST OF 28MPH AT 1454 WITH LOW RH
May-16	WIND DURING NIGHT MADE FOR LIGHT DEW-AM WAS VERY CLEAR-1ST CUMULUS CLOUDS SEEN AT 1145-PM EST. 55-65% CLOUDY
May-17	SPRINKLES HAD DRIED UP BY 0700-TODAY WAS MOSTLY CLOUDY WITH A DAMP EAST WIND
May-18	3RD PD. OF RAIN FROM 1130-1350, 4TH PD. 1525-1650-NO SUN TODAY-TROPICAL STORM ARTHUR OFF NC COAST TODAY
May-19	3RD PD. OF PRECIP. 1155-2400-NO SUN-LOW TEMP. RANGE-WINDY AND CHILLY FOR MAY
May-20	3RD PD. OF PRECIP. 1340-1355, 4TH PD. 1500-1835-NO SUN AND A VERY LOW MAX. TEMP. OF 58 °F AT 1419 TODAY
May-21	A LITTLE SUN THROUGH THIN CLOUDS AT 1045-WARMER AND LESS WIND-3RD PD. OF SPRINKLES 2210-2220
May-22	CLEARING STARTED ABOUT 1045 AND PM WAS ABOUT 60-65% CLOUDY
May-23	FOG AT 0730 CLEARING AT 0930 THEN PC TO NOON THAT CONTINUED INTO PM
May-24	LIGHT AM FOG AND CLOUDY ALL DAY WITH A COOL NE BREEZE
May-25	DEW ONLY ON GRASS-CLOUDY WITH FILTERED SUN THROUGH THIN CLOUDS-SHORT PD. OF PARTIAL SUN FROM 1415-1615-LITTLE WIND TODAY
May-26	CLEAR TO 0710 THEN CLOUDY REST OF DAY-VERY HEAVY AM DEW AND VERY LITTLE WIND TODAY
May-27	HEAVY DEW AND LIGHT AM FOG AT MIN. VISIBILITY AT 0615-THEN CLOUDY FOR REST OF DAY
May-28	2 THUNDERS HEARD ONE AT 1045 OTHER AT 1121-TS RATED 1-1-2-A CLOUDY AND HUMID DAY-LOW RH WAS 83%
May-29	3RD PD. OF PRECIP. 1630-1635, 4TH PD. 1755-1845-CLOUDY ALL DAY AND VERY HUMID
May-30	A WIND SHIFT TO NORTH DURING DAY WITH COOLING TEMPS. AND VERY NOTICEABLE DROP IN PM REL. HUMIDITY
May-31	FIRST CLEAR AM IN 14 DAYS - A COOL AM WITH A LOW DEW POINT TEMP. OF 46°F AT 1135 - A CLEAR BEAUTIFUL MAY DAY WITH VERY FEW FAIR WEATHER CUMULUS CLOUDS.
DATE	EXTENSION OF LENGTHY DAILY REMARKS
May-09	ALSO 34 °F AS A MIN.
May-10	THE LOWEST MIN. TEMP. EVER RECORDED IN RICHMOND IN PAST 139 YEARS-ONLY MAY 9, 1956 WAS LOWER AS A REC. OF 31 °F WAS REC.-COVERED TOMATO PLANTS PAST 2 NIGHTS TO PREVENT FREEZING
	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 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 Glen Allen Station had 21 Records or Record Ties in May 2020**

[illegible]

# ACON - VA/NC/SC

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

May 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	73.78
B	AVERAGE MINIMUM	53.61
C	MEAN MONTHLY	63.70
C1	MEAN TEMP DEP.	-5.3
D	MAXIMUM	87.1
E	DATE(s) OF MAX.	May-29
F	MINIMUM	30.8
G	DATE(s) OF MIN.	09 <sup>th</sup> & 10 <sup>th</sup>
H	# DAYS MAX. > = 90°	0
I	# MAX. < = 32°	0
J	MIN. < = 32°	0
K	MIN. < = 0°	0
K1	AVE RELATIVE HUMIDITY	73.3

### WIND MPH

L	MAX. GUST	34
M	DIRECT. OF GUST	SSW
N	DATE	May-08
	TIME	16:34

### NUMBER DAYS WITH -

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

### PRECIPITATION INCHES

T	MONTH TOTAL	2.19
U	CALENDAR DAY MAX.	0.69
U1	DATE OF MAX.	May-22
V	24-HR. PERIOD MAX.	0.74
V1	DATE(s) OF MAX. PD.	21 <sup>st</sup> & 22 <sup>nd</sup>
W	# DAYS > = 0.01"	11
X	# DAYS > = 1.00"	0
Y	YR. TO DATE TOT.	16.33
	MAX. 1 HR. PRECIP.	0.39
	MAX. 5 MIN PRECIP.	0.14

### SNOWFALL INCHES

Z	DAILY MAXIMUM	0
1	DATE OF MAX.	
2	DAYS= > TRACE	0
3	DAYS > = 1.0"	0
4	MONTHLY TOTAL	0.0
5	2019 - 2020 SEASON'S TOT.	0.4

### BAROMETER

6	MAXIMUM	30.38
6A	DATE	May-13
7	MINIMUM	29.65
7A	DATE	May-04
8	AVE. MONTHLY PRESSURE	30.05
CWA	NWS COUNTY WARNING AREA	Henrico

# MAY TEMPERATURE GRAPH

Temperature in Degrees F

