PAGE #1		Nov	2020	West He	enrico Co.	- Glen Alle	en Weath	er Center	37.6553	7° N. 77.5	56929° V	V Koon	tz					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Nov	Week		TEMPERA	TURE °F			TEMPERA	ATURE °F		SH	(Y	P	RECIPITATI	ON	FROZ.	PRECIP.	1st P	ERIOD
2020	Day	MAX.	Time	MIN.	Time	RANGE	MEAN	CHANGE	SOIL	AM	PM	Liquid	1 Hr.	5 Min.	NEW	GROUND	START	END
Nov-01	Sun	62.2	14:27	41.4	1:34	20.8	51.8	3.8	61	2	0	0.55	0.47	0.06			0750	0810
Nov-02	Mon	53.4	13:43	34.3	6:53	19.1	43.9	-8.0	60	0	0							
Nov-03	Tue	63.3	13:53	35.0	5:28	28.3	49.2	5.3	58	0	0							
Nov-04	Wed	69.4	12:56	37.1	6:38	32.3	53.3	4.1	57	0	0							
Nov-05	Thu	72.3	13:08	39.6	6:58	32.7	56.0	2.7	57	0	1							
Nov-06	Fri	75.1	13:17	46.3	5:00	28.8	60.7	4.7	57	1	0							
Nov-07	Sat	77.7	14:01	45.1	6:56	32.6	61.4	0.7	57	0	0							
Nov-08	Sun	78.2	13:46	49.7	6:40	28.5	64.0	2.6	58	0	0							
Nov-09	Mon	77.6	14:01	48.3	6:47	29.3	63.0	-1.0	58	0	0							
Nov-10	Tue	78.9	13:50	57.3	6:47	21.6	68.1	5.2	59	0	1							
Nov-11	Wed	73.1	20:21	67.6	5:50	5.5	70.4	2.3	60	2	2	0.97	0.26	0.09			0730	1620
Nov-12	Thu	71.6	0:01	50.8	23:58	20.8	61.2	-9.2	62	2	2	1.64	0.78	0.15			0001	0500
Nov-13	Fri	67.3	13:40	48.9	23:48	18.4	58.1	-3.1	62	2	1	0.03	0.02	0.01			0130	0210
Nov-14	Sat	64.5	13:21	39.3	7:02	25.2	51.9	-6.2	61	0	2							
Nov-15	Sun	72.5	15:17	45.8	0:05	26.7	59.2	7.3	59	2	2	Т	T	Т			2030	2035
Nov-16	Mon	63.0	13:22	39.3	23:30	23.7	51.2	-8.0	59	0	0							
Nov-17	Tue	60.5	11:10	34.8	3:19	25.7	47.7	-3.5	58	0	2							
Nov-18	Wed	48.8	13:35	26.5	6:54	22.3	37.7	-10.0	56	0	0							
Nov-19	Thu	54.4	13:45	26.3	5:14	28.1	40.4	2.7	54	1	0							
Nov-20	Fri	68.6	14:14	40.3	5:03	28.3	54.5	14.1	53	0	0							
Nov-21	Sat	72.5	12:23	41.9	6:30	30.6	57.2	2.8	53	0	1	0.04		_				
Nov-22	Sun	65.9	13:52	48.0	7:07	17.9	57.0	-0.3	54	2	2	0.01	0.01	T			2155	2400
Nov-23	Mon	60.1	11:34	36.2	23:54	23.9	48.2	-8.8	55	1	0	0.06	0.05	0.01			0001	0315
Nov-24	Tue	53.3	12:10	30.9	7:10	22.4	42.1	-6.1	55	0	1							
Nov-25	Wed	61.2	23:58	40.9	5:36	20.3	51.1	9.0	53	2	0	0.05	0.04	0.04			0055	0700
Nov-26	Thu Fri	74.7 68.5	13:58	53.5 50.5	21:49	21.2	64.1	13.1	54	2	0	0.05	0.04	0.01			0055	0700
Nov-27 Nov-28	Sat	64.9	13:29	40.6	23:57 23:56	18.0 24.3	59.5 52.8	-4.6	55	0	0							
Nov-29	Sun	61.6	13:46 13:12	35.8	7:27	25.8	48.7	-6.8 -4.1	55 54	0	2	0.04	0.04	0.02			2312	2400
Nov-30	Mon	68.7	11:46	44.0	23:57	24.7	56.4	7.7	54 54	2	2	1.00	0.38	0.02			0001	0750
TOTAL	IIIOII	2004	11.40	1276	20.01	727.8	1639.9	8.4	1708	22	23	4.35	2.05	0.40	0.0	0	1	26-27
NUMBER		30	30	30	30	30	30	30	30	30	30	9	9	8	0.0	0.0		AVE RH
AVERAGE		66.79	13:31	42.53	10:31	24.26	54.66	30	56.93	0.73	0.77	Ave. Tot.	Ave. Max	Ave. Max				
NORMALS		59.83	13.31	37.65	10.31	21.94	48.59		53.97	0.73	1.06	3.56	0.45	0.12	Ave. Tot.	Ave. Days 0.0	70.5	Percent Percent
DEPARTU	DES	6.96		4.88		2.32	6.08		2.96	-0.19	-0.29	0.79	1.60	0.28	0.0	0.0	1.4	Percent
Max. Temp	_	78.9	Ave.HighMax	67.6	Ave.HighMin	32.7	70.4	14.1	62.0		e Day	1.64	0.78	0.15	0.0	0.0	Precip	24 Hr.
2020		Nov-10	76.1	Nov-11	57.9	Nov-05	Nov-11	Nov-20	Nov-12	AVERAGE	0.75	Nov-12	Nov-12	Nov-12		50	Amount	2.41
Ave.	4.8	100 10	Dep.	1407 11	Dep.	1107 00	1.07 11	1407 20	Nov-13	Normal	0.99	1107 12	1107 12	1107 12			Date	Nov 11
Departure	6.2		2.8		9.7					Depart.	-0.24						Date	Nov 12
Min. Temp	s. <= 32°F	48.8	Ave.LowMax	26.3	Ave.LowMin	5.5	37.7	-10.0	53.0	SKY	AM	PM	≥ 0.10	Precip.	≥ 1.00	Precip.	≥ 2.00	Precip.
2020	3	Nov-18	43.5	Nov-19	23.3	Nov-11	Nov-18	Nov-18	Nov-20	CLEAR	17	16	4	DAYS	2	DAYS	0	DAYS
Ave.	8.9		Dep.		Dep.				Nov-21	PT. CLO.	4	5	HOTTEST	70.4	Highest	Lowest	COOLEST	37.7
Departure	-5.9		5.3		3.0				Nov-25	CLOUDY	9	9	DAY	11-11	Mean	Mean	DAY	11-18
Days Max.	<=32 °F	0		MAX.	≥ 80	≥ 75	≥ 70	≥ 65	≥ 60	≥ 55	≥ 50	≥ 45	≥ 40	≥ 35	≥ 30	≥ 25	≥ 20	
Days Max.	>=90°F	0		DAYS	0	6	11	19	26	26	29	30	30	30	30	30	30	

PAGE #2	Nov	2020	West He	nrico Co	Glen All	en Weath	ner Cente	er 37.655	37° N. 77.	6929° W.	- Koontz							
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Nov		ERIOD		WIND		REL. HU				C PRESSUR						K		
2020	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG	1 \	DEW	FROST
Nov-01	0830	1215	61.0	21	23:22	98	44	30.37	29.78	30.08	-0.35						3	
Nov-02			71.6	22	1:04	73	29	30.21	30.01	30.11	0.03						N	
Nov-03			63.1	15	12:32	90	33	30.32	30.14	30.23	0.12						N	
Nov-04			33.9	13	14:25	98	34	30.48	30.32	30.40	0.17						4	
Nov-05			31.9	14	13:00	98	43	30.47	30.34	30.41	0.01						4	
Nov-06			13.6	9	12:38	99	46	30.35	30.27	30.31	-0.09						4	
Nov-07			12.4	10	11:58	99	52	30.36	30.28	30.32	0.01						5	
Nov-08			16.5	8	13:53	100	59	30.41	30.32	30.37	0.05				2		5	
Nov-09			20.5	10	12:28	99	57	30.39	30.27	30.33	-0.04						4	-
Nov-10	2045	2422	43.1	14	14:12	99	62	30.27	30.12	30.20	-0.13						1	
Nov-11	2015	2400	65.3	15	22:06	99	91	30.12	29.89	30.01	-0.19						1 P	
Nov-12	0550	0915	88.6	20	13:28	99	86	30.06	29.85	29.96	-0.05						P	
Nov-13	0240	0410	35.7	11	0:18	98	68	30.13	29.97	30.05	0.09				1		5 5	
Nov-14			23.6	11	14:25	100	43	30.25	30.13	30.19	0.14				1		2	
Nov-15 Nov-16			138.0	33	13:38	95	55	30.23	29.79 29.94	30.01	-0.18						N	
Nov-16 Nov-17			55.3 85.4	23	13:36 17:05	71 86	29 33	30.12 30.39	30.03	30.03	0.02						2	
																		3
Nov-18 Nov-19			35.2 74.0	15	12:50 13:29	89	38	30.63	30.39 30.47	30.51 30.58	0.30 0.07							5
Nov-19 Nov-20			114.4	21	7:38	96 80	39 32	30.68 30.49	30.47	30.42	-0.16						N	- 3
Nov-21			26.8	10	11:26	94	44	30.49	30.31	30.36	-0.16						3	
Nov-21			44.0	13	13:22	91	65	30.36	30.03	30.20	-0.06						2	
Nov-23	0600	0610	77.5	20	8:10	98	40	30.31	29.95	30.13	-0.16						P	
Nov-24	0000	0010	25.6	13	9:49	96	46	30.44	30.31	30.38	0.25						Г	4
Nov-25			72.8	16	23:13	92	69	30.39	30.11	30.25	-0.13						N	7
Nov-26			82.4	19	12:48	97	55	30.11	29.98	30.05	-0.13						P	
Nov-27			38.2	14	10:45	85	53	30.11	29.98	30.05	0.00						2	
Nov-28			20.3	11	13:03	98	47	30.17	29.98	30.08	0.00						4	
Nov-29			47.2	14	10:46	93	50	30.23	29.95	30.09	0.03						3	2
Nov-30	1110	1400	138.8	30	12:19	98	66	29.95	29.37	29.66	-0.43						P	
TOTAL			1656.7	479		2808	1508	909.20	902.62	905.91	TOTAL	0	0	0	2	0	17	4
NUMBER	Mar. Wi	ind Run	30	30	30	30	30	30	30	30	NORMAL	0.0	0.3	0.7	2.8	0.6	10.9	9.4
AVERAGE	Total	1656.7	55.2	16.0	12:47	93.60	50.27	30.31	30.09	30.20	DEPART.	0.0	-0.3	-0.7	-0.8	-0.6	6.1	-5.4
NORMALS	Miles	1534.6	51.2	17.02	12.47	92.2	49.0	30.24	30.09	30.13	Rating ▶	0.0	0.5	0	3	0.0	57	14
Departures	Miles	122.1	4.1	-1.06		1.4	1.3	0.07	0.07	0.07	Intensity	-				ΪŻ		
_ opurtures	MAXIMUM	Dates	138.8	33	SSW	100	91	30.68	30.47	30.58	0.30	GLAZE	SLEET	SNOW	F0G	K	Dew	Frost
	DATES	1	Nov-30	Nov-15	13:38	Nov-08	Nov-11	Nov-19	Nov-19	Nov-19	Nov-18	G.	SL	S	ű.			Ē
	•	2				Nov-14						5. Very Hea	ıvy			N- None No	Dew Obs.	
		3										4. Heavy-U	nusual			P- Precip.	prevent obs	5.
Min. Temps.		4			Ave. Max.							3. Moderat	e - Ave.					
2020	0	Dates	12.4	8	30.9	71	29	29.95	29.37	29.66	-0.43	2. Light - >:	= Ave.					
Ave.	0.0	1	Nov-07	Nov-08	Dep.	Nov-16	Nov-02	Nov-30	Nov-30	Nov-30	Nov-30	1. Very Ligi	_					
Departure	0.0	2			2.1		Nov-16					M - Event						
Days Min. <		3	MIN.	≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35	≤ 30	≤ 25	≤ 20	≤ 15		
Days Min >	>=70°F	0	DAYS	30	30	29	29	28	25	19	13	6	2	0	0	0		

PAGE #3	West Henrico Co Glen Allen Weather Center 37.65537° N. 77.56929° W Koontz
39	40
Nov	REMARKS FOR THE MONTH
2020	November - 2020
Nov-01	RAIN MOST OF AM WITH A QUICK CLEARING AT 1300 FOR 15 MINS. THEN CLOUDS AGAIN FOR 30 MINS. THEN CLEARING AGAIN FOR REST OF PM
Nov-02	NO DEW BECAUSE OF NIGHT WIND-A VERY CLEAR DAY WITH A 29% MIN. REL. HUMIDITY
Nov-03	NO DEW BECAUSE OF NIGHT WIND-AM MAX. RH 74% THE 90% CAME AT MIDNIGHT
Nov-04	TRACE OF FROST ON ROOFS-NO CLOUDS SEEN TODAY BUT WARMER WITH A LOW RH-GREAT FALL AFTERNOON
Nov-05	CIRRUS CLOUDS CAME IN AT 0800 AND VERY THIN UNTIL 1535 THEN CLOUDY TO SUNSET
Nov-06	THIN CIRRUS FROM SUNRISE TO 1045 THEN VERY CLEAR AFTER 1145 TO SUNSET
Nov-07	WARM FOR NOV. WITH A VERY CLEAR SKY AND A LARGE TEMP. RANGE OF 32.6 °F
Nov-08	FOG LEVEL WAS ABOUT 30 FEET ABOVE GROUND LEVEL AND WAS THE HEAVIEST AT 0645-0650-FOG CLEARED BY 0710 AND SKY WAS VERY CLEAR TO 1345 THEN A FEW FAIR WEATHER
Nov-09	REC. HIGH MAX. AND MIN TEMPERATURES FOR 3RD DAY CONSECUTIVELY THE 7-9TH-CUMULUS FROM 1215-1415 OTHERWISE VERY CLEAR WITH DEEP BLUE SKY
Nov-10	ONLY A FEW CLOUDS TO 1100 THEN PC REST OF DAY-ANOTHER REC. MAX. AND MIN. TODAY THE HOTTEST ON REC. FOR THE DATE.
Nov-11	DEW ON GRASS ONLY MADE BE EXPLAINED BY GUTTATION THEN RAIN CAME IN FOR MOST OF REST OF DAY
Nov-12	3RD PD. OF PRECIP. 0955-1415, 4TH PD. 1510-1535
Nov-13	DRIZZLE OVERNIGHT GIVING 0.03 INCHES-CLEARING STARTED AT 1045 BUT AM WAS EST. AT 70% CLOUDY-PM HAD VARIABLE CLOUDINESS AND EST. 45-50% CLOUDY
Nov-14	CLEAR TO 1230 THEN INCREASING CLOUDS AND MOSTLY CLOUDY BY 1415
Nov-15	WINDY DAY WITH A 33 MPH GUST AT 1338 BUT ONLY A TRACE OF RAIN FROM A COLD FRONT THAT PASSED AT 2040
Nov-16	NO CLOUDS ALL DAY AND LOW RH OF 29% AT 1304 AND BREEZY-NO OVERNIGHT DEW
Nov-17	CLEAR AM - CLOUDS CAME IN AT 1115 & PM WAS MOSTLY CLOUDY WITH STRATOCUMULUS-ANOTHER DRY COLD FRONT PASSED GIVING WINDS TO 23 MPH AT 1705 & CLEARING AT SUNSET
Nov-18	FIRST KILLING FROST-COLDEST SINCE MARCH 8, 2020 WHEN IT WAS 25.4 °F -COLD FOR NOV. BUT SUNNY NO CLOUDS AND LOW RH OF 38% AT 1233
Nov-19	COLDEST SINCE MARCH 8, 2020 WHEN IT WAS 25.4 °F - HEAVY KILLING FROST ON BOTH 18TH AND 19TH-THIN CIRRUS FROM 0915-1400
Nov-20	AM REL. HUMIDITY 70% AND NO DEW-A WINDY DAY BUT MUCH WARMER AND VERY SUNNY-NO CLOUDS SEEN
Nov-21	SOME THIN AM CIRRUS BECAME THICKER IN PM AND CLOUDY AFTER 1540
Nov-22	THIN AM CIRRUS OVERCAST THAT INCREASED IN PM TO ALTOSTRATUS OVERCAST
Nov-23	QUICK AM CLEARING AFTER COLD FRONT PASSAGE AT 0910-AM 55% CLOUDY AND PM TOTALLY CLEAR
Nov-24	CLOUDS CAME IN AT 1230 AND LEFT AT 1430 AND RETURNED AT 1530
Nov-25	CLOUDY BREEZY DAY-NO DEW BECAUSE OF NIGHT WIND
Nov-26	CLEARING STARTED AT 1145 AND CLEAR BY NOON AND A VERY WARM THANKSGIVING
Nov-27	DEW ONLY ON GRASS - GUTTATION EXPECTED CAUSE-AM EST. 40% CLEAR AND PM EST. 5-10% CLOUDY
Nov-28	SCATTERED CUMULUS BUT NOT ENOUGH TO CALL THE DAY PC-STILL WARM
Nov-29	CIRRUS CAME IN AT 1115 BUT NOT MUCH COVERAGE UNTIL 1300 AND TOTALLY CLOUDY BY 1445 AS A LOW PRESSURE APPROACHING WILL PASS TO OUR WEST
Nov-30	OVERNIGHT RAIN FROM LOW PRESSURE PASSING TO OUR WEST WITH WINDS GUST TO 30 MPH AND THE TOTAL RAINFALL WAS 1.04 INCHES.
DATE	EXTENSION OF LENGTHY DAILY REMARKS
Nov-08	CUMULUS TO 1530 THEN SOME THIN CIRRUS AGAIN UNTIL DARK
Nov-11-12	The 24 Hour rainfall from 1255 on the 11th to 1255 on the 12th taken from the 5 min. observations of Virtual Weather software as 2.41 inches.
	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

Page 4	West Henrico Co Glen Allen Weather Center 37.65537° N. 77.56929° W Koontz
41	DAILY RECORDS FOR THE MONTH
Nov	
2020	The Springfield Park Station had 20 Records or Record Ties in November 2020
1	
2	
3	
4	The daily temperature range on the 4th was 32.3°F, a new 12-year HIGH daily temperature range record for the date - the old record was 31.7°F in 2019.
5 6	The daily temperature range on the 5th was 32.7°F, a new 12-year HIGH daily temperature range record for the date - the old record was 30°F in 2019.
7	The maximum temperature on the 7th was 77.78 day. F. a new 42 year daily HICH maximum temperature record for the date, the old record was 75% day. F. in 2000
	The maximum temperature on the 7th was 77.7°F, a new 12-year daily HIGH maximum temperature record for the date - the old record was 75°F in 2008. The daily temperature range on the 7th was 32.6°F, a new 12-year HIGH daily temperature range record for the date - the old record was 32°F in 2011.
8	The minimum temperature on the 8th was 49.7°F, a new 12-year marm daily minimum temperature record for the date - the old record was 49.8deg;F in 2011.
	The maximum temperature on the 8th was 77°F, a new 12-year daily HIGH maximum temperature record for the date - the old record was 76°F in 2009.
9	The minimum temperature on the 9th was 48.3°F, a new 12-year warm daily minimum temperature record for the date - the old record was 47.6°F in 2018.
	The maximum temperature on the 9th was 77.6°F, a new 12-year daily HIGH maximum temperature record for the date - the old record was 74°F in 2009.
10	The minimum temperature on the 10th was 57.5°F, a new 12-year warm daily minimum temperature record for the date - the old record was 52°F in 2009.
	The maximum temperature on the 10th was 78.9°F, a new 12-year daily HIGH maximum temperature record for the date - the old record was 71°F in 2012.
11	The minimum temperature on the 11th was 67.6°F, a new 12-year warm daily minimum temperature record for the date - the old record was 47°F in 2009.
	The daily temperature range on the 11th was 5.5°F, a new 12-year LOW daily temperature range record for the date - the old record was 9°F in 2009.
12	The minimum temperature on the 12th was 50.8°F, a new 12-year warm daily minimum temperature record for the date - the old record was 50°F in 2012.
13	The minimum temperature on the 13th was 49°F, a new 12-year warm daily minimum temperature record for the date - the old record was 47°F in 2011.
	The maximum temperature on the 13th was 67.3°F, a new 12-year daily HIGH maximum temperature record for the date - the old record was 67°F in 2010.
14	
15	
16	
17	
18	
19 20	
20	The maximum temperature on the 24st was 72.59 days 5 a new 42 year daily UICH maximum temperature record for the data, the old record was 600 days 5 in 2044
21	The maximum temperature on the 21st was 72.5°F, a new 12-year daily HIGH maximum temperature record for the date - the old record was 68°F in 2011. The daily temperature range on the 21st was 30.6°F, a new 12-year HIGH daily temperature range record for the date - the old record was 28°F in 2019 and 2015.
22	The daily temperature range on the 21st was 50.0xdeg,r, a new 12-year mon daily temperature range record for the date - the old record was 20xdeg,r in 2019 and 2015.
23	
25	
26	The maximum temperature on the 26th was 74.7°F, a new 12-year daily HIGH maximum temperature record for the date - the old record was 70°F in 2011.
	The minimum temperature on the 26th was 53.5°F, a new 12-year warm daily minimum temperature record for the date - the old record was 74th ddeg;F in 2010.
27	The minimum competition of the 20th was soldaeg, in the 12 year warm daily minimum competature record for the date - the old record was source, in 2010.
28	
29	
30	The daily precipitation on the 30th was 1.00 inches, a new 12 year HIGH daily precipitation record for the date - the old record was 0.57 inches in 2016.

Springfield Park, Glen Allen November 2020

This November's mean of 54.7°F, a departure of 6.1°F from the 12-year ave., was the warmest on record. The highest daily mean temp. was 70.4°F on the 11th which was the 3rd highest on record and had the highest dew point on record for November.

November was the 5th wettest on record (records since 2008) as the monthly precipitation was 4.35 inches, a 0.79 inches departure when compared with Springfield Park's 12-year average. Precipitation occurred on 9 days in November and the 2nd clearest on record; the previous record was 2010.

The highest maximum temperature for November was 78.9°F on the 10th which was the 4th warmest on record for November. This month also had 6 days equal to or warmer than 75°F which was a record for November. The average maximum temperature was 66.8°F with a departure of 7.0°F which was a new record maximum average for November. The ave. min. temp. was 42.5°F which was the 2nd highest on record for November. The lowest minimum was 26.3°F recorded on the 19th which was the 3rd highest for November. The highest minimum was 67.6°F which was a 9.7°F departure, a new record for November. There were only 3 days that the minimum temperature was less than or equal to 32°F which was -5.9 days less than average. The average ground temp. at 1 foot was 56.9°F a 3.0 °F departure and the highest on record for November. There was no snow recorded in November at Springfield Park. The maximum wind gust was only 33 mph from the SSW on the 15th. The lowest barometer was 29.36 inches on the 30th and was the 2nd lowest on record for November.

2020 AUTUMN SEASON SEP, OCT, NOV											
Winter	Mean	12 -YR	Temp.	Total	12 -YR	Prec.	Total	12 -YR	Snow		
Season	Temp.	Ave.	Dep.	Prec.	Ave.	Dep.	Snow	Ave.	Dep.		
Months	°F	°F	°F	Inches	Inches	Inches	Inches	Inches	Inches		
SEP.	69.2	72.2	-3.0	5.62	3.81	1.81	0.0	0.0	0.0		
OCT.	61.7	60.5	1.2	6.64	4.37	2.27	0.0	0.0	0.0		
NOV.	54.7	48.6	6.1	4.35	3.56	0.79	0.0	0.0	0.0		
SUM	185.6	181.3	4.3	16.61	11.73	4.88	0.0	0.0	0.0		
AVE.	61.9	60.4	1.4	5.54	3.91	1.63	0.0	0.0	0.0		

This autumn was 1.4°F warmer than ave. based on a 12-year ave. as both Oct & Nov were above ave. Glen Allen's 2020 average autumn temp. was 61.9°F the 2nd warmest autumn on record. Glen Allen had the 3rd wettest autumn with 16.61 inches of precipitation and a departure of 4.88 inches.

Richmond International Airport

The November mean temperature was 54.6°F which was the 4th warmest since 1880 with a departure from normal of 4.2°F. The years that were warmer were 1985,1902,1896.

The 4.43 inches of precipitation was a departure of 1.19 inches making this month the 25st wettest November of the past 133 years. November had only 7 days with measurable precipitation. The Airport's greatest daily precipitation was 1.48 inches on the 30th. There was no snow in November at the Airport.

The warmest day was November 10th with 78°F and the lowest temperature was 27°F on the 19th. The average maximum was 66.3°F which was a departure of 4.9°F and the 4th highest on record since 1897. The average min. was 42.9°F which was a departure of 3.5°F and the 7th highest on record since 1897. The warmest daily minimum was 62°F on the 11th and only 20 Novembers have been higher. The Airport had 12 days the maximum temp was 70°F or higher and only 3 days the minimum temp. was 32°F or less.

The Airport had 2 daily records for the month.

The minimum of 62°F on the 11th was the highest minimum on record for the date; the previous record was 59°F set in 1935.

The mean temperature for the same day was 68.5°F which was a new record for the date; the previous record was 68.0 also in 1935.

2020 AUTUMN SEASON SEP, OCT, NOV											
Winter	Mean	30 -YR	Temp.	Total	30 -YR	Prec.	Total	30 -YR	Snow		
Season	Temp.	Ave.	Dep.	Prec.	Ave.	Dep.	Snow	Ave.	Dep.		
Months	°F	°F	°F	Inches	Inches	Inches	Inches	Inches	Inches		
SEP.	69.7	70.6	-0.9	6.92	4.13	2.79	0.0	0.0	0.0		
OCT.	62.3	59.7	2.6	5.63	2.98	2.65	0.0	0.0	0.0		
NOV.	54.6	50.4	4.2	4.43	3.24	1.19	0.0	0.2	-0.2		
SUM	186.6	180.7	5.9	16.98	10.35	6.63	0.0	0.2	-0.2		
AVE.	62.2	60.2	2.0	5.66	3.45	2.21	0.0	0.1	-0.1		

Richmond's fall season was 2.0°F warmer than normal based on a 30-yr. average.

The fall season ave. of 62.2°F was the 12 warmest autumn since 1880.

The warmest autumn average was 65.8°F in 1881.

The fall precipitation was 10.35 inches, a departure of 6.63 inches, based on a 30-year average.

This was the wettest autumn since 2006 when 22.31 inches was recorded.

The year 2006 holds the record for the wettest autumn since precipitation records started in 1872.

ACON - VA/NC/SC

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

November 2020

Station summary of Climatological Data

Observer: Lowell L. Koontz West Henrico - Glen Allen, VA

TEMPERATURE °F

Observation Times: Temps Recorded 2400 Precipitation Recorded 2400

PRECIPITATION INCHES

Α	MEAN MAXIMUM	66.79	т	MONTH TOTAL	4.35
В	MEAN MINIMUM	42.53	U	CALENDAR DAY MAX.	1.64
С	MEAN MONTHLY	54.66	U1	DATE OF MAX.	Nov-12
C1	MEAN TEMP DEP.	6.1	v	24-HR. PERIOD MAX.	2.41
D	MAXIMUM	78.9	V1	DATE(s) OF MAX. PD.	11 th & 12 th
E	DATE(s) OF MAX.	Nov-10	w	# DAYS > = 0.01"	9
F	МІМІМИМ	26.3	х	# DAYS > = 1.00"	2
G	DATE(s) OF MIN.	Nov-19	Υ	YR. TO DATE TOT.	54.48
н	# DAYS MAX. > = 90°	0		MAX. 1 HR. PRECIP.	0.78
ı	# MAX. < = 32°	0		MAX. 5 MIN PRECIP.	0.15
J	MIN. < = 32°	3		SNOWFALL INCHES	
κ	MIN. < = 0°	0	z	DAILY MAXIMUM	0
K1	AVE RELATIVE HUMIDITY	71.9	1	DATE OF MAX.	
	WIND MPH		2	DAYS= > TRACE	0
L	MAX. GUST	33	3	DAYS > = 1.0"	0
М	DIRECT. OF GUST	SSW	4	MONTHLY TOTAL	0.0
N	DATE	Nov-15	5	2020- 2021 SEASON'S TOT.	0.0
	TIME	13:38		BAROMETER	
	NUMBER DAYS WITH -		6	MAXIMUM	30.68
o	THUNDER	0	6A	DATE	Nov-19
Р	SNOW	0	7	мінімим	29.36
Q	GLAZE	0	7A	DATE	Nov-30
R	ICE PELLETS (SLEET)	0	8	AVE. MONTHLY PRESSURE	30.20
R1	DENSE FOG < = 1/4 MILE	0	CWA	NWS COUNTY WARNING AREA	Henrico



