PAGE #1		Feb	2022				W	est Henric	o Co Gl	en Allen We	ather Cente	er 37.6553	7° N. 77.56	93° W K	oontz			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Feb	Week		TEMPERA	TURE °F			TEMPERA	TURE °F		SH	CY	PR	ECIPITATI	ON	FROZ.	PRECIP.	1st P	ERIOD
2022	Day	MAX.	Time	MIN.	Time	RANGE	MEAN	CHANGE	SOIL	AM	PM	Liquid	1 Hr.	5 Min.	NEW	GROUND	START	END
Feb-01	Tue	46.2	14:16	23.4	5:00	22.8	34.8	2.0	38	0	0							
Feb-02	Wed	54.6	14:54	22.3	7:13	32.3	38.5	3.7	38	1	1							
Feb-03	Thu	61.9	23:36	45.2	7:28	16.7	53.6	15.1	39	2	2	0.19	0.07	0.01			0300	1430
Feb-04	Fri	66.6	13:17	35.5	23:58	31.1	51.1	-2.5	42	2	2	0.53	0.19	0.04			0001	0210
Feb-05	Sat	40.3	11:33	24.6	23:44	15.7	32.5	-18.6	44	0	0							
Feb-06	Sun	41.1	13:52	18.1	6:19	23.0	29.6	-2.9	42	0	0							
Feb-07	Mon	40.3	11:15	32.4	0:01	7.9	36.4	6.7	41	2	2	0.24	0.10	0.01			1050	2100
Feb-08	Tue	51.6	15:01	28.5	5:14	23.1	40.1	3.7	41	2	0							
Feb-09	Wed	60.5	13:48	25.3	6:45	35.2	42.9	2.9	41	0	0							
Feb-10	Thu	65.6	14:11	32.8	7:14	32.8	49.2	6.3	41	0	0							
Feb-11	Fri	69.9	14:20	31.0	7:20	38.9	50.5	1.3	42	0	0				-			
Feb-12	Sat	71.0	12:54	49.0	7:32	22.0	60.0	9.6	43	1	0	0.00	0.00	0.04	-	-	4040	4545
Feb-13	Sun	50.0	0:01	27.1	23:54	22.9	38.6	-21.5	45	2	2	0.03 T	0.02 T	0.01 T	T T	None	1240	1545
Feb-14 Feb-15	Mon Tue	<b>39.0</b> 45.2	14:10 14:32	20.3 <b>15.9</b>	23:57 7:00	18.7 29.3	29.7 30.6	-8.9 0.9	43 42	0	0	l	ı		<u> </u>	None	0129	0140
Feb-15	Wed	59.8	14:32	25.4	6:58	34.4	42.6	12.1	42	1	1							
Feb-16	Thu	72.8	14:48	53.4	6:59	19.4	63.1	20.5	42	2	2	Т	Т	Т			2320	2400
Feb-17	Fri	67.1	4:28	28.6	23:56	38.5	47.9	-15.3	46	2	1	0.17	0.11	0.01			0001	0310
Feb-18	Sat	56.8	14:28	24.0	5:37	32.8	40.4	-7.5	46	0	0	0.17	0.11	0.01			0001	0310
Feb-19	Sun	48.2	15:18	18.9	6:51	29.3	33.6	-6.9	44	0	0							
Feb-21	Mon	69.2	14:32	33.2	6:23	36.0	51.2	17.7	43	0	0							
Feb-22	Tue	66.4	14:07	56.2	0:01	10.2	61.3	10.1	45	2	2	0.11	0.09	0.03			0340	0350
Feb-23	Wed	71.3	14:07	50.8	23:58	20.5	61.1	-0.3	47	2	2	0.07	0.05	0.01			0130	0210
Feb-24	Thu	50.8	0:01	34.7	23:57	16.1	42.8	-18.3	49	2	2	0.06	0.03	0.01			0945	1030
Feb-25	Fri	64.5	16:05	34.0	3:56	30.5	49.3	6.5	47	2	1	0.07	0.04	0.01			0100	0400
Feb-26	Sat	45.0	13:51	33.7	6:20	11.3	39.4	-9.9	47	2	2							
Feb-27	Sun	54.9	15:11	33.6	23:39	21.3	44.3	4.9	46	2	1							
Feb-28	Mon	54.7	13:25	29.6	6:13	25.1	42.2	-2.1	45	0	0							
TOTAL		4505		000		007.0	4000 1	0.4	4040	20	0.4	4.47	0.70	0.44	-	_		00.07
TOTAL NUMBER		1585 28	28	888 28	28	697.8 28	1236.4 28	9.4 28	1210 28	30 28	24 28	1.47 9	0.70 9	0.14 9	T 0	T 0		26-27 AVE RH
AVERAGE		56.62	13:04	31.70	28 10:58	24.92	44.16	20	43.21	1.07	0.86	Ave. Tot.	Ave. Max	Ave. Max	Ave.Tot.	Ave. Days	66.1	Percent
NORMALS		51.97		30.99		20.98	41.48		42.74	1.22	1.24	3.21	0.37	0.08	3.9	3.5	64.9	Percent
DEPARTURE	S	4.64		0.70		3.94	2.67		0.48	-0.15	-0.38	-1.74	-0.18	-0.04	-3.9	-3.5	1.2	Percent
Max. Temps		72.8	High Max	56.2	High Min	38.9	63.1	20.5	49	Whole		0.53	0.19	0.04	T	T	Precip	24 Hr.
2022		Feb-17	73.1	Feb-22	49.6	Feb-11	Feb-17	Feb-17	Feb-24	AVE.	0.96	Feb-04	Feb-04	Feb-04	Feb-13	Feb-13	Amount	0.53
Ave			Dep.		Dep.					Normal	1.23				Feb-14		Date	Feb. 4
Departure	1.2		-0.3		6.6					Depart.	-0.26						Date	
Min. Temps		39.0	Low Max	15.9	Low Min	7.9	29.6	-21.5	38	SKY	AM	PM	>= 0.10	INCHES	>= 1.00	INCHES	>= 2.00	INCHES
2022		Feb-14	33.0	Feb-15	14.5	Feb-07	Feb-06	Feb-13	Feb-01	CLEAR	11	13	5	DAYS	0	DAYS	0	DAYS
Ave			Dep.		Dep.				Feb-02	PT. CLO.	4	6	HOTTEST		Highest	Lowest	COOLEST	29.6
Departure Days Max. <=	-1.5	0	6.0	MAX.	1.4 >=85	>=80	>=75	>=70	>=65	CLO. >=60	13 >=55	9 >=50	DAY >=45	Feb-17 >=40	Mean >=35	Mean >=30	DAY >=25	Feb-06 >=20
· ·																		
Days Max. >	=90°F	0		DAYS	0	0	0	4	9	13	14	20	24	27	28	28	28	28

PAGE #2	Feb	2022				West	Henrico Co	Glen Allei	n Weather Co	enter 37.65	5537° N. 77.5	693° W. •	- Koontz					
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Feb	2nd PE	RIOD		WIND		REL. HL	IMIDITY		BAROMETRI	C PRESSUI	?F					-		
2022	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG	<	DEW	FROST
Feb-01			57.6	11	9:31	88	46	30.52	30.39	30.46	-0.51							3
Feb-02			41.4	11	14:50	94	48	30.48	30.30	30.39	-0.06							3
Feb-03	1530	1705	63.6	21	23:32	97	87	30.31	30.01	30.16	-0.23						Р	
Feb-04	0550	1115	185.3	33	5:42	95	76	30.08	29.81	29.95	-0.22						Р	
Feb-05			92.8	23	10:11	95	37	30.55	30.08	30.32	0.37							Р
Feb-06			57.9	12	14:32	89	36	30.61	30.42	30.52	0.20							3
Feb-07	2148	2255	49.2	9	8:55	96	62	30.42	30.02	30.22	-0.30						N	
Feb-08			36.4	12	12:52	98	41	30.13	30.02	30.08	-0.15							2
Feb-09			69.9	19	12:43	93	33	30.12	29.92	30.02	-0.05							3
Feb-10			98.3	26	12:41	82	28	30.01	29.88	29.95	-0.08						1	
Feb-11			116.2	31	12:46	84	27	30.05	29.90	29.98	0.03							2
Feb-12			111.5	20	1:50	64	33	30.07	29.95	30.01	0.03						N	
Feb-13	1755	1800	101.9	19	2:41	92	54	30.16	30.05	30.11	0.10			1			N	
Feb-14			50.3	17	9:01	95	39	30.50	30.10	30.30	0.20			1				P
Feb-15			51.2	16	22:05	82	35	30.72	30.50	30.61	0.31							3
Feb-16			91.0	20	15:05	90	40	30.70	30.42	30.56	-0.05							2
Feb-17			190.4	40	12:47	79	53	30.43	29.71	30.07	-0.49						N	
Feb-18			145.3	30	0:12	94	37	30.17	29.55	29.86	-0.21						Р	
Feb-19			118.5	29	15:08	88	22	30.44	29.98	30.21	0.35							3
Feb-20			79.3	17	16:13	70	22	30.55	30.37	30.46	0.25							N
Feb-21			96.3	16	9:41	87	26	30.39	30.26	30.33	-0.13						N	
Feb-22	1125	1205	136.5	25	14:04	93	75	30.30	30.11	30.21	-0.12	-					N P	
Feb-23	0535	0925	142.9	21	1:49	95	66	30.27	30.04	30.16	-0.05						•	
Feb-24 Feb-25	1110 0505	1450 0600	90.6 89.6	15 18	1:16 10:56	93 97	60 36	30.41 30.35	30.25 30.05	30.33 30.20	0.17 -0.13						N P	
	0505	0000															P	
Feb-26			66.3	14	1:39	72	51	30.54	30.29	30.42	0.21						N	
Feb-27			51.0	14 17	14:29	86	32	30.29	30.00	30.15	-0.27						N	1
Feb-28			85.0	17	9:36	76	37	30.28	30.09	30.19	0.04							1
TOTAL			2566.2	556		2464	1239	849.85	842.47	846.16	DAYS	0	0	2	0	0	1	10
NUMBER	Feb. Wir		28	28	28	28	28	28	28	28	Normal	1.1	1.6	3.8	2.2	0.5	3.4	8.2
AVERAGE	Total	2566.2	91.7	19.9	10:35	88.0	44.3	30.35	30.09	30.22	Depart.	-1.1	-1.6	-1.8	-2.2	-0.5 0	-2.4 1	1.8 25
NORMALS	Miles	1967.3	70.13	19.68		86.01	43.60	30.21	29.92	30.07	Rating ▶	_ 0	0	2	0	Ü	1	25
Departures	Miles MAXIMUM	598.9	21.5 190.4	0.2 40	South	2.0 98	0.6 87	0.14 30.72	0.16	0.15	Intensity 0.37	- ZE	SLEET	SNOW	F0G	17	Dew	Frost
									30.50	30.61		GLAZ	SLE	SN	Ä	1/	۵	Ę
	DATES	1 2	Feb-17	Feb-17	8:55	Feb-08	Feb-03	Feb-15	Feb-15	Feb-15	Feb-05					N. Negra	No Dec	Oha
												5. Very	•	-1		N- None		
	3 4				Ave. Max.	ve May							/y-Unusu: Iorato - A			P- Prec	ıp. preve	ent oos.
	MINIMUM Dates		36.4 9		37.1	64	22	30.01	29.55	29.86	-0.51	3. Moderate - Ave. 2. Light - >= Ave.						
	1	Feb-08	Feb-07	Dep.	Feb-19	30.01 29.55 Feb-10 Feb-18		Feb-18	Feb-01	=								
		2			2.9	Feb-12	Feb-20					M - Ev	ent with i	ntensity	missin			
Days Min. «		16	MIN.	≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35	≤ 30	≤ 25	≤ 20	≤ 15	≤ 10	
Days Min >	>=70°F	0	Days	28	28	28	28	27	25	24	23	22	14	10	4	0	0	

PAGE #3	West Henrico Co Glen Allen Weather Center 37.65537° N. 77.5693° W Koontz
39	40
Feb	REMARKS FOR THE MONTH
2022	February - 2022
Feb-01	A CLEAR DAY WITH ONLY A FEW CIRRUS UNTIL 1630 THEN THICKER TO CIRROSTRATUS THAT CAME IN
Feb-02	CIRRUS MOST OF DAY EXCEPT A CLEAR PERIOD FROM 1245-1445
Feb-03	OCCASIONAL RAIN MOST OF THE DAY - 3 GAPS IN RAIN 1430-1530, 1705-1835, 3RD PD. 1835-2135
Feb-04	COLD FRONT PASSED AT 1500 - 3RD PD. OF PRECIP. 1330-2250-RAIN MOST OF DAY-LONG PERIOD OF PRECIP. FOR 44 HOURS
Feb-05	A WINDY COLD AND VERY CLEAR DAY EXCEPT FOR A FEW SCATTERED CUMULUS FROM 1000-1130
Feb-06	NOT AS WINDY BUT ABOUT 8 DEGREES BELOW AVE. TEMP SUNNY UNTIL 1600 THEN CLOUDS CAME IN FROM SE- PM EST. 30% CLOUDY
	A CHILLY DAMP PM WITH LIGHT RAIN
Feb-08	FROZEN RAIN AND SOME FROST MAKING ROOFS WHITE WITH FROST AND ICE ALMOST LOOK LIKE A LIGHT COVERING OF SNOW-THICKER AM OVERCAST THINNED AND BECAME
	NO CLOUDS SEEN AND A WARM DAY FOR A CHANGE
Feb-10	ANOTHER VERY CLEAR AND WARM DAY WITH ONLY A FEW SCATTERED CUMULUS
	NO CLOUDS SEEN ALL DAY-A WINDY AND WARM DAY - WIND PEAK GUST 31 MPH AT 1246
	AM RELATIVE HUMIDITY WAS ONLY 57%-AM WAS EST. 40% CLOUDY AND PM EST. 25-35% CLOUDY
	SNOW ALL MELTED EXCEPT ON SKY MIRROR
Feb-14	THE 140 ENDING TIME IS ESTIMATED A PC AND COLD DAY WITH A WIND CHILL AND A NORTH WIND MAX. GUST 17 MPH AT 0901
Feb-15	A VERY CLEAR DAY WITH A COLD START BUT A GOOD PM WARMUP
	SUN THROUGH CIRRUS AND CIRROSTRATUS MUCH OF DAY BUT ABOUT 15 DEGREES WARMER TODAY
	CLOUDY AND VERY WARM AND VERY WINDY WITH MAX. GUST OF 40 MPH AT 1247
	COLD FRONT PASSED AROUND 0750 - CLEARING STARTED AT 1215 AND WAS PC AT 1330 AND CLEAR AFTER 1415 AND VERY CLEAR AFTER 1500
	ONLY A FEW CLOUDS FROM 1145-1345-VERY CLEAR OTHERWISE AND WINDY WITH A MAX. GUST OF 29 MPH AT 1508
Feb-20	AM HUMIDITY ONLY 69%-A FEW SCATTERED CIRRUS ONLY 0925 THE NO CLOUDS THE REST OF THE DAY-WARMER WITH LOW RH  AM REL. HUMIDITY ONLY 60% WITH NO DEW-TODAY WAS VERY CLEAR UNTIL CIRRUS CAME IN AT 1630 WITH A WARM PM AND A LOW RH OF 26%
Feb-21 Feb-22	3RD PD. OF PRECIP. 1415-1620 AND 4TH PD. OF PRECIP. 1740-2200, 5TH PD. FROM 2300-2400
	CLOUDY OR MOSTLY CLOUDY UNTIL 1540 THEN PC UNTIL 1745 THEN MOSTLY CLEAR
Feb-24	3RD PD. OF PRECIP. 1555-1600, 4TH PD. 1815-1820-TEMP. DECREASED DURING DAY
Feb-25	A DREARY AM UNTIL 0930 AND RAIN ENDED AT 0945 THEN CLEARING TO CIRRUS BY NOON AND MOSTLY CLEAR BY 1300
Feb-26	A CLOUDY AND COLD DRY DAY
	CLOUDY ALL DAY UNTIL A CLEARING SKY STARTED FROM NW AT 1445 AND WAS MOSTLY CLEAR BY 1545 THEN CLEAR FROM 1600 TO DARK
Feb-28	A VERY CLEAR DAY WITH LOW RELATIVE HUMIDITY. THE MIN. RH WAS 20.8 AT 0438 AND A TEMP. ABOUT LIKE YESTERDAY.
. 5.5 2.5	
DATE	EXTENSION OF LENGTHY DAILY REMARKS
Feb-08	CIRRUS BUT DIDN'T BECOME MOSTLY CLEAR UNTIL 1100
	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 2022

Page 4	West Henrice Co. Clan Allen Westher Center, 27 CEE27° N. 77 EC020° W. Voorte
Page 4 41	West Henrico Co Glen Allen Weather Center 37.65537° N. 77.56929° W Koontz  DAILY RECORDS FOR THE MONTH
Feb	DAILT RECORDS ON THE MONTH
2022	The Springfield Park Station had 11 Records or Record Ties in FEBRUARY 2022
1	
2	
3	
<u>4</u> 5	
6	<u> </u>
7	The daily temperature range on the 7th was 7.9°F, a new 13-year LOW daily temperature range record for the date - the old record was 11.5°F in 2018.
8	
9	The daily temperature range on the 9th was 35.2°F, a new 13-year HIGH daily temperature range record for the date - the old record was 32.6°F in 2017.
10	The daily temperature range on the 10th was 32.8°F, a new 13-year HIGH daily temperature range record for the date - the old record was 28°F in 2009.
11	The daily temperature range on the 11th was 38.9°F, a new 13-year HIGH daily temperature range record for the date - the old record was 31°F in 2011.
12	The minimum temperature on the 12th was 49°F, a new 13-year warm daily minimum temperature record for the date - the old record was 47.6°F in 2017.
13	
14 15	
16	The daily temperature range on the 16th was 34.4°F, a new 13-year HIGH daily temperature range record for the date - the old record was 29°F in 2011.
17	The maximum temperature on the 17th was 72.8°F, a new 13-year daily HIGH maximum temperature record for the date - the old record was 23ddeg;F in 2011.
	The minimum temperature on the 17th was 53.4°F, a new 13-year warm daily minimum temperature record for the date - the old record was 43°F in 2011.
18	
19	The daily temperature range on the 19th was 32.8°F, a new 13-year HIGH daily temperature range record for the date - the old record was 29°F in 2009.
20	
21	The daily temperature range on the 21st was 36°F, a new 13-year HIGH daily temperature range record for the date - the old record was 32°F in 2010.
22 23	The minimum temperature on the 22nd was 56.2°F, a new 13-year warm daily minimum temperature record for the date - the old record was 46°F in 2018.
23	
25	
26	
27	
28	

### Springfield Park, Glen Allen February 2022

The mean temp. this month was 44.2 F a departure of 2.7 F. and the average max. was 56.6 F a 4.6 F departure. The ave. minimum temperature this month was 31.7 F which was a 0.7 F departure. February's mean temperature made it the 6<sup>th</sup> warmest Feb. The warmest day was on the 17<sup>th</sup> as the daily mean was 63.1 and the coldest was Feb. 6<sup>th</sup> with a daily mean of 29.6. The lowest max. temp. for the month was 39 F on the 14<sup>th</sup>. There were 16 days below freezing a departure of -1.5 days; the average is 17.5 days. The month had 4 clearly shown periods warmer than average and 3 periods colder than average not as clearly defined as can be observed from the graph.

The 1.47 inches of precipitation makes this February the 3<sup>rd</sup> driest on record with a departure of -1.74 inches; only 2009 and 2014 were drier. The 0.53 inches of precip. in a calendar day on the 4<sup>th</sup> was the 3<sup>rd</sup> lowest on record for Feb. This month was also the 2<sup>nd</sup> clearest February on record; but the afternoons were the clearest on record. The average temperature range was 24.9 F, a departure of 3.9 F, which was the 2<sup>nd</sup> highest temp. range on record for February. The range was high because of the many clear afternoons and the overall low cloud cover in February.

The maximum wind gust during February was 40 mph occurring on February 17<sup>th</sup> at 0855. The wind run for the month was 2566.2 miles the highest on record for February. The average daily wind run was 90.4 miles also a record for Feb. The highest barometer recorded for the month was 30.72 inches on the 15<sup>th</sup> which was the 4<sup>th</sup> highest for Feb. Springfield Park had only a trace of snow in February giving a -3.9-inch departure. Springfield Park had 11 daily records for the 13-vear period.

	W	inter	Seaso	n Decen	nber,	<mark>Janua</mark>	ry, Febrι	ary 2	2021-20	022				
						PR	ECIPITATIO	N						
		TEN	<b>MPERAT</b>	URE F			Inches		SNO	WFALL inc	hes			
Month	Max.	Min.	Mean	Actual	13Yr.Ave.	Dep.								
Dec. JAN	59.3 45.5	37.5 24.7	48.4 35.1	42.3 37.7	6.1 -2.6	1.43 5.21	4.27 3.29	- 2.84 1.92 -	T 8.2	3.2 4.8	-3.2 3.4			
FEB	56.6	31.7	44.2	41.5	2.7	1.47	3.21	1.74	Т	3.9	-3.9			
SUM	161.4	93.9	127.6	121.5	6.1	8.11	10.77	- 2.66 -	8.2	11.9	-3.7			
AVE.	53.8	31.3	42.5	40.5	2.0	2.70	3.59	0.89	2.7	4.0	-1.2			

Springfield Park had 8.11 inches of precipitation the 3<sup>rd</sup> driest winter in the past 13-winters. The mean temperature this winter was 42.5 F, Springfield Park's 5<sup>th</sup> warmest winter. The warmest winter was 44.2 F in 2016-17 and the coldest winter was 2009-10 when the average temp. was only 35.9 F.

## **Richmond International Airport**

The mean temp. this month was 44.5 F, a departure of 3.5 F. The average max. was 56.7 F a 5.1-degree departure; only 8 Februarys have had a higher ave. max. since 1897. The ave. minimum temperature this month was 32.3 F which was a 1.9 F departure. February's mean temperature made it the 14<sup>th</sup> warmest Feb. since 1897. The clear afternoons accounted for the large departure on the average max. and for the large temp. range of 24.4 degrees F which was the 9<sup>th</sup> highest since 1897.

The total precipitation for February was 1.51 inches with a deficit of 1.10 inches which tied for the 23<sup>rd</sup> driest February since 1887. The Airport had 9 days with precip. and no measurable snow with only a trace of snow on the 13<sup>th</sup> and 14th. February had a negative 2.2-inch snowfall departure.

The Richmond Airport had 2 daily records for high min. temps. (Feb 22<sup>nd</sup> 55 F new record – The old record was 52 in 1966, 1913) and (Feb. 23<sup>rd</sup> 53 F that tied the record set in 1922). The high daily mean on Feb. 22<sup>nd</sup> of 62.0 F was also a record for the date since 1897; the previous record was 61 F in 1980.

RI	RICHMOND INT. AIRPORT WINTER SEASON Dec, Jan, Feb														
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						
DEC	48.9	41.8	7.1	1.07	3.51	-2.44	Т	1.8	1.8						
JAN	36.5	38.3	-1.8	4.48	3.23	1.25	4.3	3.7	0.6						
FEB	44.5	41.0	3.5	1.51	2.61	-1.1	Т	2.2	-2.2						
SUM	129.9	121.1	8.8	7.06	9.35	-2.29	4.3	7.7	-3.4						
AVE	43.3	40.4	2.9	2.35	3.12	-0.76	1.4	2.6	-1.1						

Richmond had its 14<sup>th</sup> warmest winter since 1880. The Airport had 7.06 inches of precip. this winter which was a -2.29-inch deficit making this the 28<sup>th</sup> driest winter since the winter of 1875-76. The 4.3 inches of snow for the winter was the 37<sup>th</sup> least snow since 1897-1898.

#### ACON - VA/NC/SC

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

## February 2022

# **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		1	PRECIPITATION INCHES	
MEAN MAXIMUM	56.62	т	MONTH TOTAL	1.47
MEAN MINIMUM	31.70	U	CALENDAR DAY MAX.	0.53
MEAN MONTHLY	44.16	U1	DATE OF MAX.	Feb-04
MEAN TEMP DEP.	2.7	v	24-HR. PERIOD MAX.	0.53
MAXIMUM	72.8	V1	DATE(s) OF MAX. PD.	Feb. 4
DATE(s) OF MAX.	Feb-17	w	# DAYS > = 0.01"	9
MINIMUM	15.9	х	# DAYS > = 1.00"	0
DATE(s) OF MIN.	Feb-15	Υ	YR. TO DATE TOT.	6.68
# DAYS MAX. > = 90°	0		MAX. 1 HR. PRECIP.	0.19
# MAX. < = 32°	0		MAX. 5 MIN PRECIP.	0.04
MIN. < = 32°	16		SNOWFALL INCHES	
MIN. < = 0°	0	z	DAILY MAXIMUM	Т
AVE RELATIVE HUMIDITY	66.1	1	DATE OF MAX.	13 <sup>th</sup> & 14 <sup>th</sup>
WIND MPH		2	DAYS= > TRACE	2
MAX. GUST	40	3	DAYS > = 1.0"	0
DIRECT. OF GUST	South	4	MONTHLY TOTAL	Т
DATE	Feb-17	5	2021- 2022 SEASON'S TOT.	8.2
TIME	8:55		BAROMETER	
NUMBER DAYS WITH -		6	MAXIMUM	30.72
THUNDER	0	6A	DATE	Feb-15
HAIL	0	7	MINIMUM	29.55
	MEAN MAXIMUM MEAN MINIMUM MEAN MONTHLY MEAN TEMP DEP. MAXIMUM DATE(s) OF MAX. MINIMUM DATE(s) OF MIN. # DAYS MAX. > = 90° # MAX. < = 32° MIN. < = 32° MIN. < = 0° AVE RELATIVE HUMIDITY WIND MPH MAX. GUST DIRECT. OF GUST DATE TIME NUMBER DAYS WITH - THUNDER	MEAN MAXIMUM       56.62         MEAN MINIMUM       31.70         MEAN MONTHLY       44.16         MEAN TEMP DEP.       2.7         MAXIMUM       72.8         DATE(s) OF MAX.       Feb-17         MINIMUM       15.9         DATE(s) OF MIN.       Feb-15         # DAYS MAX. > = 90°       0         # MAX. < = 32°	MEAN MAXIMUM       56.62         MEAN MINIMUM       31.70         MEAN MONTHLY       44.16         MEAN TEMP DEP.       2.7         MAXIMUM       72.8         DATE(s) OF MAX.       Feb-17         MINIMUM       15.9         DATE(s) OF MIN.       Feb-15         # DAYS MAX. > = 90°       0         # MAX. < = 32°	MEAN MAXIMUM         56.62           MEAN MINIMUM         31.70           MEAN MONTHLY         44.16           MEAN TEMP DEP.         2.7           MAXIMUM         72.8           DATE(s) OF MAX.         Feb-17           MINIMUM         15.9           DATE(s) OF MIN.         Feb-15           # DAYS MAX. > = 90°         0           # MAX. < = 32°

7A DATE

AVE. MONTHLY PRESSURE

CWA NWS COUNTY WARNING AREA

Feb-18

30.22

Henrico

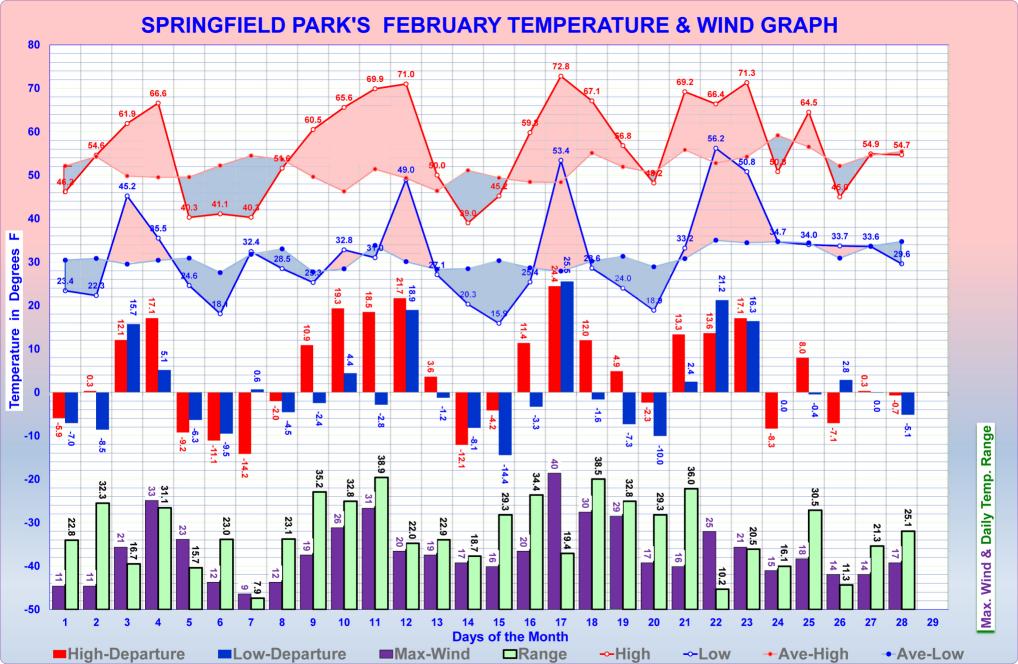
0

0

GLAZE

ICE PELLETS (SLEET)

DENSE FOG < = 1/4 MILE



**The Richmond International Airport TEMPERATURE GRAPH** 80 74 75 71 70 70 69 70 60 55 55 53 55 50 45 43 40 35 35 34 Temperature in Degrees F 32 29 20.4 21.9 19.6 0.9 -0.8 -0.3 Daily Temperature Range F -10 -15 30 30 -20 25 -25 -30 -35 -40 28 29 **Days of the Month** High-Dep. Low-Dep. **■**Range -High ▲Ave-High -Ave-Low Low

STATION Spring	(Climatolo	gical) Park				(Riv	ver S	tation	if dif	ferent,	M	ONTH	Fe	eb		20:	22			WS (03-0	FORM 09)	B-91								U.S. DEPARTMENT OF COMMERC NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATIO
STATE VA				COU	JNTY rico						R	IVER								1										NATIONAL WEATHER SERVICE
	al) OF OB	SERVATION	ON RIVER		IPERATU	RE		MI		ION	S	TAND	ARD	TIME	IN U	JSE				ı			PI	ECO	)PD	OF F	N/F	R AND (	SI IM	ATOLOGICAL OBSERVATIONS
TYPE OF	RIVER GA	\GE	ELEVAT	ION OF		FLC	_	STAC			N	ORM	AL PO	OOL S	STAG	E				ı			131		110	01 1		NAIND (	)LIIVI	ATOLOGICAL OBOLINATIONS
Т	MPERAT	URE	SAGE ZE	.NO				P	REC	PITA	TION									<u> </u>	WEAT	HER (	Obser	vation	Day)	_	F	RIVER STAC	E	
			24 HR AM	MOUNTS	AT OB	Dran	w a st	raight (i	ine (	) thu	rough	hours p	recipi	ation v	was ob	59/V9	d, and a	a wav	y line	Mar	k 'X' for	all type	s occur	ring eac	ch day	8		Como		1
	S ENDING AT		pg . 19	ail	. 7 2		ſ			ugh ho	urs pre	-		bably (			bserve	rd			\$		١.		50	from:	_	Gage reading	Š	
	RVATION		nd atc	w, ice ts, h and to	w, ice ts, hail nd (h)	$\vdash$			A.M			NO	ON			P.M.			_		pelle	82	nder		ige a	erent	Condition	at	uep	
MAX	MIN	AT OBSN	Rain snow (in a hund	Snow, pellets (ins.an	Snaw, pellets, ice on ground	1	2 3	4 5	6	7 8	9 10	11	1 :	2 3	4 5	6	7 8	9 10	) 11	Fog	8	Glax	Thund	堊	Dama	Time	3	AM	Į.	REMARKS (SPECIAL OBSERVATIONS, ETC.)
46	23	28	0.00	0.0	0	П	П	T	ΠŤ	П	П	T	T	П	T	Ť	П	П	T				$\Box$	Т	$\top$	$\top$				A clear calm day with only a few cirrus until
55	22	46	0.00	0.0	0	П	П	$\top$	П	$\sqcap$	П	П	$\top$	П	П	$\top$	П	П	$\top$				$\Box$		T	T				Scattered cirrus most of the day except a clear
62	45	62	0.19	0.0	0	П	П	- -	- -			- -	= -	- -	- -	_	- -		_				П		Т					Light rain during most of the day but no rain
67	36	36	0.53	0.0	0	- -	-1-1		- -		. _ .	- -	_	- -	- -	_ _	- -	- -	_											Rain most of yesterday and today day giving a
40	25	25	0.00	0.0	0	П	П		П	П	П	П	Т	П	П	Т	П	П	$\top$											A windy chilly clear day except a few scattered
41	18	32	0.00	0.0	0	П	П	Т	П	П	П	П		П	П	Т	П	П												Not as windy today as yesterday but still about
40	32	34	0.24	0.0	0	П	П		П	П	П	- -	- -	- -	- -	_ _	- -		_											A chilly damp and gloomy PM with light rain.
52	29	31	0.00	0.0	0	П	П	Т	П	П	П	П		П	П	Т	П	П							Т					Ice from rain that froze before evaporating cau
61	25	45	0.00	0.0	0	П	П	Т	П	П	П	П	Т	П	П	Т	П	П							Т					No clouds seen all day with warm temps. for a
66	33	41	0.00	0.0	0	П	П	$\top$	П	П	П	П	$\top$	П	П	$\top$	П	П							$\top$					A very clear warm day with a windy PM with a ma
70	31	55	0.00	0.0	0	П	П	$\top$	П	П	П	П	$\top$	П	П	$\top$	П	П	$\top$						Т					A warm and windy day with a max. gust of 31 mpl
71	49	50	0.00	0.0	0	1	2 3	4 5	6	7 8	9 10	11	1 :	2 3	4 5	6	7 8	9 10	11							$\top$				The max. temp. yesterday was 71 F the 2nd high
50	27	27	0.03	т	0	П	П	Т	П	П	П	П			П		П	П	Т				$\Box$	$\vdash$	$\top$					Most of the snow melted on contact except on the
39	20	20	т	т	0	Π-	.11	$\top$	П	Ħ	П	П	$\top$	П	П	$\top$	П	П	$\top$				$\vdash$	$\top$	-	$\top$	-			A snow flurry started at 0129 that had some sm
45	16	31	0.00	0.0	0	П	П	$\top$	$\top$	Ħ	П	П	$\top$	П	П	$\top$	$\sqcap$	П	$\top$		-	$\vdash$	$\vdash$	$\vdash$	$\top$	$\top$	$\vdash$		$\overline{}$	A very clear day with a cold start but a good
60	25	56	0.00	0.0	0	Н	П	$\top$	$\top$	Ħ	П	П	$\top$	П	П	$\top$	Н	П	$\top$				-	$\overline{}$	-	$\top$	$\vdash$		$\overline{}$	Sun through cirrus and cirrostratus much of the
7 73	53	67	т	0.0	0	П	П	$\top$	т	Ħ	Ħ	П	$\top$	H	Ħ	$\top$	$\vdash$	П	Τ.				-	T	T	T	T			A cloudy very warm and very windy day with a m
67	29	29	0.17	0.0	0	<u> </u>		_	$\top$	$\sqcap$	П	П	$\top$	П	П	$\top$	П	П	$\top$				$\vdash$	$\vdash$	$\top$	$\top$				A cold front passed at 0750 giving a windy clo
57	24	28	0.00	0.0	0	$\vdash$	П	$\top$	$\top$	$\forall$	Ħ	$\top$	$\top$	П	Ħ	$\top$	$\sqcap$	П	$\top$		$\vdash$	$\vdash$	$\vdash$	$\top$	$\top$	$\top$	$\vdash$		$\vdash$	Only a few clouds from 1145-1345 otherwise ver
48	19	39	0.00	0.0	0	H	Н	$\top$	$\vdash$	$^{\dagger\dagger}$	Ħ	Н	$^{+}$	H	Ħ	$^{+}$	$\vdash$	Ħ	$\top$				-	-	T	$\top$	-		-	Only a few scattered cirrus before 0925 then n
69	33	56	0.00	0.0	0	Н	Н	$\top$	$\vdash$	$^{\dagger\dagger}$	Ħ	Н	$\top$	Н	Ħ	$\top$	Н	Ħ	$\top$		-		-	$\vdash$	-	$\top$	-		-	Today was very clear until cirrus came in at 1
66	56	62	0.11	0.0	0	1	2 3	4 5	6	7 8	9 10	11_		3_	4_5	6	8_	9_10	JL.				-	$\vdash$	-	$\top$	-		-	Record high min. temp. for the date as the Air
71	51	51	_	0.0	0	1		T				T	T	П	T	Т	П	T	T				$\vdash$	$\vdash$	$\top$	$\top$	T			Today was mostly cloudy until 1540 them partly
51	35	35		0.0	0	H	Ħ	$\top$	H	H					$\forall$	+		.H	+				$\vdash$		+	$\top$	T			Today had intermittent very light rain with de-
65	34			0.0	0	Η_				1		+	T		+	+	H	Ħ	+				$\vdash$		+	$\top$	T			A dreary start today until 0930 them rain ende
6 45	34	39	_	0.0	0	H	+	Ť		H	Ħ	$\forall$	+	$\vdash$	+	+	$\vdash$	H	+				$\vdash$	$\vdash$	+	+	T			Today was a cloudy dry cold day.
7 55	34	34	_	0.0	0	+	$\forall$	+	+	+	$\forall$	+	+	+	+	+	+	$\forall$	+				$\vdash$	$\vdash$	+	1				Cloudy today until clearing started from the N
55	30	36	_	0.0	0	+	$\forall$	+	+	+	+	$\forall$	+	+	+	+	+	$\forall$	+				$\vdash$	$\vdash$	1	+	+			A very clear day with the exception of a few c
9	1					+	$\forall$	+	+	+	$\forall$	+	+	$^{+}$	H	+	+	H	+		$\vdash$		$\vdash$	$\vdash$	+	+	1			-
	+					+	$\forall$	+	+	+	$\forall$	+	+	+	+	+	+	$\forall$	+		$\vdash$	$\vdash$	$\vdash$	+	+	+	+		$\vdash$	
1	+					+	$\forall$	+	+	+	+	+	+	$\vdash$	+	+	+	$\forall$	+				$\vdash$	$\vdash$	+	$\top$	$\vdash$		$\vdash$	
-	31.7	SUM	1.47	т	$\overline{}$	+		CHE	K B	AR (fo	r wire	weig	ht) N	ORM/	AL CI	HECH	BAR	₹	_		75	_	ъ	$\vdash$			-		7	
	N OF RIVER					REA	ADIN						DAT							Fog	lce pel	Glaze	Thund	Hai	Dam		$\times$	$\times$	X	
	ucted by ro				ow gage															OBS	ERVE	R								
	n, but oper surface sr		<ul><li>F. Shor</li><li>G. Float</li></ul>			$\vdash$						-							_	SUP	ERVIS	ING C	FFICE							STATION INDEX NO.
	rge above		H. Pool			$\vdash$															Wal									44-7998-02