PAGE #1		Feb	2021				W	ast Hanric	o Co - Gl	en Allen We	other Cente	or 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				TEMPERA			SH		PRECIPITATION				PRECIP.	1st PE	
2021	Dav	MAX.	Time	MIN.	Time	RANGE	MEAN	CHANGE	SOIL	AM	PM	Liquid	1 Hr.	5 Min.	NEW	GROUND	START	END
Feb-01	Mon	32.5	13:14	29.3	7:10	3.2	30.9	-0.7	39	2	2	T	Т	T	T	1.6	1215	1235
Feb-02	Tue	41.3	14:28	31.9	0:01	9.4	36.6	5.7	39	2	2	0.04	0.01	T	0.6	0.9	0430	1000
Feb-03	Wed	49.6	14:50	28.4	23:46	21.2	39.0	2.4	39	2	0	T	T	T	T	T	0600	0710
Feb-04	Thu	54.5	13:43	22.7	4:51	31.8	38.6	-0.4	40	0	1	T	T	T		T	2310	2330
Feb-05	Fri	54.5	13:47	37.6	23:59	16.9	46.1	7.5	40	1	2	0.09	0.05	0.02		none	0255	0705
Feb-06	Sat	58.5	13:57	31.6	2:09	26.9	45.1	-1.0	41	1	2							
Feb-07	Sun	46.1	0:01	32.1	23:59	14.0	39.1	-6.0	42	2	1	0.81	0.29	0.03	1.9	0.6	0030	1315
Feb-08	Mon	43.9	14:18	22.8	5:41	21.1	33.4	-5.8	41	1	0					Т		
Feb-09	Tue	60.6	15:29	31.3	0:02	29.3	46.0	12.6	40	2	0	0.07	0.03	0.01		None	0433	0950
Feb-10	Wed	43.8	10:52	32.5	7:05	11.3	38.2	-7.8	42	2	2	0.01	0.01	0.01			1655	2125
Feb-11	Thu	38.7	0:01	30.6	23:53	8.1	34.7	-3.5	42	2	2	0.40	0.08	0.01	1.4	None	0230	0255
Feb-12	Fri	30.7	0:01	28.5	21:22	2.2	29.6	-5.1	41	2	2	0.42	0.15	0.02	2.5	3.1	0001	0525
Feb-13	Sat	31.8	15:51	28.0	3:07	3.8	29.9	0.3	41	2	2	0.45	0.12	0.01		2.3	0001	0155
Feb-14	Sun	34.5	13:19	29.0	7:16	5.5	31.8	1.9	40	2	2	0.08	0.06	0.01		1.1	1801	1000
Feb-15	Mon	37.5	14:56	33.0	7:03	4.5	35.3	3.5	40	2	2	0.48	0.39	0.07		0.2	1730	2400
Feb-16	Tue	52.0	15:16	30.9	23:59	21.1	41.5	6.2	39	2	2	0.30	0.20	0.03		None	0001	0445
Feb-17	Wed	40.1	14:19	24.4	6:54	15.7	32.3	-9.2	40	1	0							
Feb-18	Thu	32.8	13:31	29.0	5:31	3.8	30.9	-1.4	40	2	2	0.67	0.27	0.04	0.5	0.4	0315	1645
Feb-19	Fri	37.3	16:37	28.3	21:57	9.0	32.8	1.9	39	2	2	0.24	0.09	0.01		Т	0125	0645
Feb-20	Sat	40.2	14:24	21.1	6:49	19.1	30.7	-2.2	39	1	0					None		
Feb-21	Sun	41.9	14:31	16.3	6:41	25.6	29.1	-1.6	39	0	1							
Feb-22	Mon	43.1	16:36	30.1	3:12	13.0	36.6	7.5	39	2	2	0.49	0.33	0.03	T	None	0805	1520
Feb-23	Tue	63.6	14:27	30.5	7:18	33.1	47.1	10.5	38	0	0							
Feb-24	Wed	68.8	14:23	30.3	6:08	38.5	49.6	2.5	40	1	0							
Feb-25	Thu	60.4	13:58	36.5	23:58	23.9	48.5	-1.1	42	0	0	0.05						
Feb-26	Fri	47.8	10:42	32.4	3:10	15.4	40.1	-8.4	43	2	2	0.35	0.10	0.01			1655	2400
Feb-27	Sat	52.1	16:44	38.0	7:43	14.1	45.1	5.0	44	2	2	0.30	0.08	0.02			0001	1005
Feb-28	Sun	50.9	23:59	47.7	0:14	3.2	49.3	4.3	44	2	2	0.26	0.12	0.02			0155	1145
TOTAL		1290		845		444.7	1067.2	17.7	1133	42	37	5.46	2.38	0.35	6.9	10.2	Col.2	26-27
NUMBER		28	28	28	28	28	28	28	28	28	28	17	17	16	5	8	DAILY	AVE RH
AVERAGE		46.05	13:09	30.17	10:10	15.88	38.11		40.46	1.50	1.32	Ave. Tot.	Ave. Max	Ave. Max	Ave.Tot.	Ave. Days	74.7	Percent
NORMALS		52.47		31.06		21.41	41.76		42.93	1.20	1.23	3.02	0.37	0.08	3.6	3.2	64.1	Percent
DEPARTURE		-6.41		-0.89		-5.52	-3.65		-2.46	0.30	0.09	2.44	0.02	-0.01	3.3	7.0	10.6	Percent
Max. Temps	s. >= 70°F	68.8	High Max	47.7	High Min	38.5	49.6	12.6	44	Whole	e Day	0.81	0.39	0.07	2.5	3.1	Precip	24 Hr.
202	1 0	Feb-24	73.5	Feb-28	49.8	Feb-24	Feb-24	Feb-09	Feb-27	AVE.	1.41	Feb-07	Feb-15	Feb-15	Feb-12	Feb-12	Amount	0.89
Ave	. 3.1		Dep.		Dep.				Feb-28	Normal	1.21						Date	Feb. 18
Departure	-3.1		-4.7		-2.1					Depart.	0.20						Date	Feb. 19
Min. Temps		30.7	Low Max	16.3	Low Min	2.2 Fab 12	29.1 Feb. 21	-9.2	38 Fob 22	SKY	AM	PM			>= 1.00		>= 2.00	INCHES
202 <sup>-</sup> Ave		Feb-12	33.2 Dep.	Feb-21	14.3 Dep.	Feb-12	Feb-21	Feb-17	Feb-23	CLEAR PT. CLO.	4 6	8 3	12 HOTTEST	DAYS 49.6	0 Highest	DAYS Lowest	COOLEST	DAYS 29.1
Departure	4.6		-2.5		2.0					CLO.	18	17	DAY	Feb-24	Mean	Mean	DAY	Feb-21
Days Max. <		2		MAX.	>=85	>=80	>=75	>=70	>=65	>=60	>=55	>=50	>=45	>=40	>=35	>=30	>=25	>=20
Days Max. >		0		DAYS	0	0	0	0	1	4	5	11	13	20	24	28	28	28
,										•								-

PAGE #2	Feb	2021				West	Henrico Co	- Glen Alle	n Weather C	enter 37.65	5537° N. 77.50	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			WIND		REL. HU			BAROMETR									
2021	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GI AZE	SLEET	SNOW	FOG	K	DEW	FROST
Feb-01	1745	1755	95.5	16	8:47	97	93	29.83	29.67	29.75	-0.32	OLALL	OLLLI	1	100		DEW	P
Feb-02	1120	1125	87.1	21	14:05	96	57	29.67	29.57	29.62	-0.13			2				P
Feb-03	1120		82.0	21	14:26	84	28	29.92	29.65	29.79	0.16			1				P
Feb-04			50.6	15	22:46	78	19	30.08	29.86	29.97	0.18							3
Feb-05			121.0	22	8:58	90	39	29.91	29.67	29.79	-0.18						Р	
Feb-06			68.4	20	12:18	70	26	30.16	29.91	30.04	0.25							1
Feb-07			71.5	24	0:59	96	55	30.22	29.86	30.04	0.00		1	2			Р	
Feb-08			63.3	15	15:02	88	41	30.47	30.22	30.35	0.31							2
Feb-09			58.7	16	19:10	95	60	30.34	30.05	30.20	-0.15						Р	
Feb-10			53.2	12	9:59	89	60	30.38	30.19	30.29	0.09						1	
Feb-11	0700	0800	89.6	18	16:37	96	84	30.30	30.10	30.20	-0.08		1	2			Р	
Feb-12	0730	1000	85.7	11	1:32	96	93	30.33	30.23	30.28	0.08		1	3				Р
Feb-13	0300	2000	95.4	13	6:54	96	91	30.28	30.08	30.18	-0.10	2						Р
Feb-14			78.6	15	22:41	97	93	30.27	30.14	30.21	0.02							Р
Feb-15			70.0	11	0:35	98	90	30.20	29.84	30.02	-0.18				2		Р	
Feb-16			91.2	20	11:08	99	63	30.17	29.66	29.92	-0.11						Р	
Feb-17			88.8	15	9:40	73	42	30.44	30.17	30.31	0.39							N
Feb-18	1955	2020	75.4	13	3:29	96	62	30.41	30.15	30.28	-0.02	2	3	1				P
Feb-19			25.9	13	13:32	98	91	30.18	30.07	30.13	-0.16	2						P
Feb-20			64.8	20	16:03	96	37	30.51	30.18	30.35	0.22							5
Feb-21			48.5	13	20:56	91	32	30.65	30.44	30.55	0.20							4
Feb-22			78.8	16	0:39	97	60	30.44	29.82	30.13	-0.41		1	1				N
Feb-23			81.1	23	10:52	99	32	30.04	29.75	29.90	-0.24							5
Feb-24			106.3	24	15:10	89	26	30.13	29.89	30.01	0.11							2
Feb-25			75.5	17	7:28	70	21	30.30	29.89	30.10	0.09						N	
Feb-26			75.5	16	13:14	96	43	30.46	30.30	30.38	0.29						1	
Feb-27			64.5	16	12:43	97	84	30.31	30.11	30.21	-0.17						Р	
Feb-28	1910	2010		11	8:45	100	95	30.30	29.95	30.13	-0.09				3		Р	
TOTAL			2046.9	467		2567	1617	846.70	839.42	843.06	DAYS	3	5	8	2	0	2	7
NUMBER	Feb. Wir	nd Run	2040.9	28	28	28	28	28	28	28	Normal	0.9	1.3	3.5	2.2	0.6	3.5	8.3
AVERAGE	Total	2046.9	75.8	16.7	11:22	91.7	57.8	30.24	29.98	30.11	Depart.	2.1	3.7	4.5	-0.2	-0.6	-1.5	-1.3
NORMALS	Miles	1960.7	69.33	19.93		85.08	42.43	30.21	29.92	30.07	Rating ►	6	7	13	5	0	2	22
Departures	Miles	86.2	6.5	-3.3		6.6	15.3	0.03	0.06	0.04	Intensity	Щ	ь	>	<b>6</b> -			
	MAXIMUM	Dates	121.0	24	ESE, S	100	95	30.65	30.44	30.55	0.39	GLAZE	SLEET	SNOW	F0G	K	Dew	Frost
	DATES	1	Feb-05	Feb-07	0:59	Feb-28	Feb-28	Feb-21	Feb-21	Feb-21	Feb-17	5	S	S	-			ш
		2		Feb-24	15:10							5. Very	Heavy			N- None	No Dew	Obs.
3											-	y-Unusu	al		P- Prec	ip. preve	ent obs.	
4				Ave. Max.								erate - A						
	MINIMUM		25.9	11	38.2	70	19	29.67	29.57	29.62	-0.41	_	t->= Av					
DATES 1 2		Feb-19	Feb-12	Dep.	Feb-06	Feb-04	Feb-02	Feb-02	Feb-02	Feb-22			light - Tr		_			
Days Min. <	-32 °E	22	MIN.	Feb-15 ≤ 75	-14.2 ≤ 70	Feb-25 ≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	M - Eve ≤ 35	ent with i	intensity ≤ 25	missin ≤ 20	g ≤15	≤ 10	
Days Min. <		0	Days	≥ /5 28	≥ 70 28	≥ 65 28	≥ 60 28	≥ 55 28	≥ 50 28	≥ 45 27	≥ 40 27	≥ 35 24	≥ 30 14	≥ 25 5	≥ 20 1	≥ 15 0	≥ 10 0	
Days With >	-10 F	U	Days	20	20	20	20	20	20	21	ZI	24	14	อ		U	U	

PAGE #3	West Henrico Co Glen Allen Weather Center 37.65537° N. 77.5693° W Koontz
39	40
Feb	REMARKS FOR THE MONTH
2021	February - 2021
Feb-01	A CLOUDY COLD DAMP DAY - SNOW FLURRIES 1745-1755 AND DRIZZLE AROUND NOON-3RD PD. OF FLURRIES 1950-2135
	A MOSTLY CLOUDY DAY SOME SUN AT 1100 AND 1300-1500-WINDY MAX. GUST 21 MPH AT 1405
	CLEARING STARTED AT 1200 AND CLEAR SKY BY 1330-A SUNNY MILD BUT WINDY PM
Feb-04 Feb-05	CIRROSTRATUS CLOUDS CAME IN AT 1545-MILD DAY FOR FEB. A MOSTLY CLOUDY WINDY DAY - MAX. WIND GUST OF 22 MPH AT 0858
Feb-06	ONLY A LITTLE FROST ON GRASS AND WARMEST DAY SINCE JAN, 2, 2021 WHEN IT WAS 65.3 °F
Feb-07	VERY WET SNOW FROM A FAST MOVING LOW PRESSURE WITH CLEARING SKIES BY 1430
	AM WAS 35% CLOUDY WITH CLOUDS FROM 1030-1145 THEN PM WAS CLEAR
Feb-09	THE 2ND WARMEST DAY OF 2021-CLOUDY TO 1145 BUT PM WAS CLEAR AND MILD
Feb-10	A CLOUDY CHILLY DAY WITH LITTLE WIND AND SPRINKLES LATER IN EVENING
Feb-11	3RD PD. OF PRECIP. 0940-1240, 4TH PD. 1410-2400-A COLD CLOUDY DAY
	A LITTLE SLEET FROM 0730-0830 AND A 3RD PD. OF PRECIP. FROM 2255-2400
Feb-13	THE GLAZE VARIED BETWEEN 0.2 AND 0.3 INCHES OVERALL ESTIMATE OF ICE 1/4 INCH-NO LOCAL DAMAGE EXCEPT FOR VERY FEW BROKEN LIMBS
	ICE MELTED OFF TREES TODAY BUT STILL A COLD CLOUDY DAY
Feb-15	6TH DAY WITH NO SUN-EVENING FOG WITH MORE RAIN TONIGHT
Feb-16	FIRST SUN IN 7 DAYS BUT ONLY AT SHORT PERIODS IN PM-WARMEST DAY SINCE FEB. 9TH
Feb-17	MOSTLY SUNNY- AM CIRRUS FROM SUNRISE TO 0830 AND AGAIN 1030-1415-PM EST. TO BE ONLY 20-30% CLOUDY
Feb-18	ONLY A TRACE OF SNOW AT ONSET OF PRECIP0.5 INCH OF SLEET & 0.1 INCH OF GLAZE-FREEZING DRIZZLE AT NIGHT FROM 1755-2020 & AGAIN 2135-2150 AGAIN 2245-2350
Feb-19	MAX. GLAZE AFTER LAST NIGHT WAS 0.2 INCHES - NO SNOW OR SLEET OBSERVED-A LITTLE PM SUN
Feb-20	ONE OF 3 SUNNIEST DAYS OF FEB WINDY AND COLD DAY MAX. WIND CHILL 12.5 °F AT 1651
Feb-21	COLDEST SINCE JAN. 31,2019 WHEN IT WAS 11.1 °F - BEAUTIFUL FIBROUS CIRRUS CLOUDS AGAINST A DEEP BLUE SKY AT 1320
Feb-22	SLEET AND SPLOTY SNOW FLAKES FROM 1300-1310 - RAIN ENDED AT 1530 & SUN WAS OUT BY 1630 & TOTALLY CLEAR BY 1645
Feb-23	VERY HEAVY FROST-2ND WARMEST DAY OF 2021 AND FIRST TOTALLY CLEAR DAY OF FEB.
Feb-24	WARMEST DAY OF 2021-BEAUTIFUL FIBROUS CLOUDS STREAMING ACROSS A DEEP BLUE SKY IN AM-PM WAS VERY CLEAR
Feb-25	WIND SHIFTED NORTH AT 0645 BUT STILL A WARM FEB. DAY AND A VERY CLEAR DAY
Feb-26	ONLY DEW ON GRASS-CLOUDY AND MUCH COOLER
	A RAINY AM AND A TOUCH OF SUN JUST AFTER NOON THEN BACK TO A CLOUDY GLOOMY PM
Feb-28	A RAINY AM WITH A PM FOG DEVELOPING GIVING A GLOOMY PM - THE FOG BECAME DENSE AFTER DARK WITH DRIZZLE AND LOW VISIBILITY
DATE	EXTENSION OF LENGTHY DAILY REMARKS
	THE MAX. RAIN IN 24 HOURS FOR FEBRUARY WAS 0.89 INCHES FROM 5 AM OF THE 18TH TO 5 PM OF THE 19TH
	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 2021

Page 4	West Henrico Co Glen Allen Weather Center 37.65537° N. 77.56929° W Koontz
41	DAILY RECORDS FOR THE MONTH
Feb	
2021	The Glen Allen Station had 21 Records or Record Ties in FEBRUARY 2021
1	The daily temperature range on the 1st was 3.2°F, a new 12-year LOW daily temperature range record for the date - the old record was 11.9°F in 2019.
•	The daily temperature range on the 2nd was 9.4°F, a new 12-year LOW daily temperature range record for the date - the old record was 12.9°F in 2016.
2	
3	
4	
5	
6	
7	The daily precipitation on the 7th was 0.81 inches, a new 12-year HIGH daily precipitation record for the date - the old record was 0.2 inches in 2020.
•	The daily greatest snow on the 7th was 1.9 inch/es a new 12 - year daily greatest snow record for the date - the old record was 0 inches,
8	The daily greatest show on the ran was 1.5 inches a new 12 - year daily greatest show record for the date - the old record was 0 inches,
9	The maximum temperature on the 9th was 60.6°F, a new 12-year daily HIGH maximum temperature record for the date - the old record was 59.1°F in 2017.
10	The maximum temperature on the 3th was 00.000eg,i, a new 12-year daily morn maximum temperature record for the date - the old record was 33.100eg,i m 2017.
11	The daily greatest snow on the 11th was 1.4 inch/es a new 12 - year daily greatest snow record for the date - the old record was 0.5 inches, in 2012.
12	
13	The daily temperature range on the 12th was 2.2°F, a new 12-year LOW daily temperature range record for the date - the old record was 6.3°F in 2019.  The daily temperature range on the 13th was 3.8°F, a new 12-year LOW daily temperature range record for the date - the old record was 6.3°F in 2018.
14	
14	The daily temperature range on the 14th was 5.5°F, a new 12-year LOW daily temperature range record for the date - the old record was 18°F in 2012.  The daily precipitation on the 14th was 0.08 inches, a new 12-year HIGH daily precipitation record for the date - the old record was 0.01 inches in 2016 and 2015.
15	The daily temperature range on the 15th was 4.5°F, a new 12-year LOW daily temperature range record for the date - the old record was 9.9°F in 2016.
13	The daily precipitation on the 15th was 0.48 inches, a new 12-year HIGH daily precipitation record for the date - the old record was 0.4 inches in 2016.
16	The daily precipitation on the 15th was 0.48 inches, a new 12-year High daily precipitation record for the date - the old record was 0.4 inches in 2016.
17	
17	
10	The maximum temperature on the 18th was 32.8°F, a new 12-year cold daily maximum temperature record for the date - the old record was 38.9°F in 2015.
	The daily temperature range on the 18th was 3.8°F, a new 12-year LOW daily temperature range record for the date - the old record was 16°F in 2009.
	The daily precipitation on the 18th was 0.67 inches, a new 12-year HIGH daily precipitation record for the date - the old record was 0.19 inches in 2019 and 2009.
19	The daily greatest snow on the 18th was 0.5 inch/es a new 12 - year daily greatest snow record for the date - the old record was 0.1 inches, in 2009.
20	The daily temperature range on the 19th was 9°F, a new 12-year LOW daily temperature range record for the date - the old record was 13°F in 2018 and 2013.
20	
21	The daily precipitation on the 22nd was 0.49 inches, a new 12-year HIGH daily precipitation record for the date - the old record was 0.44 inches in 2019.
22	
23	The daily greatest snow on the 22nd was T, and EQUALED the, 12-year HIGH daily greatest snow record for the date - the old record was set in 2013.
24	The delik terror at the 20th was 20.50 days 5 areas 40 area HOM delik terror at the day day day and the although the although the 20.50 days 5 in 2000.
25	The daily temperature range on the 24th was 38.5°F, a new 12-year HIGH daily temperature range record for the date - the old record was 36°F in 2012.
26	
27	
28	The daily temperature range on the 28th was 3.2 °F, a new 12-year LOW daily temperature range record for the date - the old record was 15°F in 2013.
20	the daily temperature range on the 20th was 5.2 ddeg,i , a new 12-year Low daily temperature range record for the date - the old record was 15ddeg,i 1112015.

#### Glen Allen February 2021

**February's mean temperature was 38.1°F, a -3.7°F departure, our 3<sup>rd</sup> coldest February.** The warmest day was on the 28<sup>th</sup> as the daily mean was 49.3°F. There were 22 days below freezing a departure of 4.6 days; the average is 17.4 days. The 10<sup>th</sup> to 15<sup>th</sup> and 17<sup>th</sup> to 22<sup>th</sup> were cold. Max. temps. had a greater departure due to the cloudiness.

The 5.46 inches of precipitation makes this February the wettest on record with a departure of 2.44 inches. The maximum 24-hour precipitation amount was only 0.89 inches. February had 17 days with measurable precipitation which is the most on record. This month's relative humidity was 74.7% the 2<sup>nd</sup> highest for February. The average temperature range was 15.9°F which was the lowest on record for February. The lowest range was only 2.2 °F on the 12<sup>th</sup>.

The maximum wind gust during February was only 24 mph which was a new low reading for the month that occurred on February 7<sup>th</sup> and 24<sup>th</sup>. The highest barometer recorded for the month was 30.65 inches, on the 21<sup>st</sup> and lowest was 29.57 inches on the 2<sup>nd</sup>. Springfield Park had 6.9 inches of snow in February a +3.3 inch departure. This is the first Feb. since 2015 to have more than the average snowfall for the month.

Winter Season December, January, February 2020-21												
	TEMPERATURE °F					PRECIPITATION Inches			SNOWFALL inches			
Month	Max.	Min.	n. Mean 12Yr.Ave. Dep. Actual 12Yr.Ave. Dep.				Dep.	Actual	12Yr.Ave.	Dep.		
Dec.	51.4	30.9	41.2	42.4	-1.2	5.99	4.11	1.88	0.2	5.3	-5.1	
JAN	48.4	28.7	38.5	37.7	0.9	3.01	3.31	-0.30	4.6	4.9	-0.3	
FEB	46.1	30.2	38.1	41.8	-3.7	5.46	3.02	2.44	6.9	3.6	3.3	
SUM	145.8	89.8	117.8	121.8	-4.0	14.46	10.44	4.02	11.7	13.8	-2.1	
AVE.	48.6	29.9	39.3	40.6	-1.3	4.82	3.48	1.34	3.9	4.6	-0.7	

Glen Allen had 14.46 inches of precipitation the 3<sup>rd</sup> wettest winter in the past 12 winters with a surplus of 4.33 inches. This was the wettest winter since 2009-2010 when 16.52 inches of precipitation was recorded. Average is 10.13 inches. Temperature wise this winter was 0.7°F colder than average. The warmest winter was 44.2°F in 2016-17 and the coldest winter was 2009-10 when the average temperature was 35.9°F.

### **Richmond International Airport**

The Richmond Airport had 4 daily records for February on the 1<sup>st</sup>, 12<sup>th</sup>, 13<sup>th</sup>, 18<sup>th</sup> all for minimum temp. ranges. The 2°F temp. range on the12th was rare; no other February in the past 124 years has had a lower range. Because of the cloudiness and precip. the average temp. range was only 14.7°F which was the 5<sup>th</sup> lowest since 1897.

The Airport's mean maximum temperature of 46.0°F was a -5.3°F departure. The maximum temp. this month was only 68°F on the 24<sup>th</sup>. The minimum temperature this month was 19°F on the 21<sup>st</sup>. The average minimum temp. was 31.3°F a departure of 0.8°F. February's mean temperature was 38.6°F a dep. of negative 2.3°F and the 46<sup>th</sup> coldest Feb.

The total precip. for February was 5.12 inches making it the 12<sup>th</sup> wettest February since 1887 with a 2.36 inch departure. Feb. had 16 days with measurable precipitation; only 1891 and 1922 had more and the record is 19 days. February had 2.8 inches of snow for the month which was a -0.6 inch departure.

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	41.3	41.0	0.3	6.70	3.26	3.44	1.0	2.1	-1.1		
JAN	39.0	37.9	1.1	3.58	3.04	0.54	3.2	3.9	-0.7		
FEB	38.6	40.9	-2.3	5.12	2.76	2.36	2.8	3.4	-0.6		
SUM	118.9	119.8	-0.9	15.40	9.06	6.34	7.0	9.4	-2.4		
AVE	39.6	39.9	-0.3	5.13	3.02	2.11	2.3	3.1	-0.8		

Richmond had its 67rd warmest winter since 1880 and the 4<sup>th</sup> wettest winter in the past 148 winters. The Airport had 15.40 inches of precipitation this winter which was a 6.34 inch surplus. The winter season was the wettest winter since 1978-79 when 15.93 inches of precipitation was recorded.

#### ACON - VA/NC/SC

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

## February 2021

# **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			PRECIPITATION INCHES	
Α	MEAN MAXIMUM	46.05	т	MONTH TOTAL	5.46
В	MEAN MINIMUM	30.17	U	CALENDAR DAY MAX.	0.81
С	MEAN MONTHLY	38.11	U1	DATE OF MAX.	Feb-07
C1	MEAN TEMP DEP.	-3.7	v	24-HR. PERIOD MAX.	0.89
D	MAXIMUM	68.8	V1	DATE(s) OF MAX. PD.	Feb 18 <sup>th</sup> -19 <sup>th</sup>
E	DATE(s) OF MAX.	Feb-24	w	# DAYS > = 0.01"	17
F	MINIMUM	16.3	х	# DAYS > = 1.00"	0
G	DATE(s) OF MIN.	Feb-21	Υ	YR. TO DATE TOT.	8.47
н	# DAYS MAX. > = 90°	0		MAX. 1 HR. PRECIP.	0.39
1	# MAX. < = 32°	2		MAX. 5 MIN PRECIP.	0.07
J	MIN. < = 32°	22		SNOWFALL INCHES	
K	MIN. < = 0°	0	z	DAILY MAXIMUM	2.5
K1	AVE RELATIVE HUMIDITY	74.7	1	DATE OF MAX.	Feb-12
	WIND MPH		2	DAYS= > TRACE	8
L	MAX. GUST	24	3	DAYS > = 1.0"	3
М	DIRECT. OF GUST	ESE, S	4	MONTHLY TOTAL	6.9
N	DATE	07 <sup>th</sup> & 24 <sup>th</sup>	5	2020- 2021 SEASON'S TOT.	11.7
	TIME	0059, 1510		BAROMETER	
	NUMBER DAYS WITH -		6	MAXIMUM	30.65
О	THUNDER	0	6A	DATE	Feb-21
Р	HAIL	0	7	MINIMUM	29.57
				I	

DATE

**AVE. MONTHLY PRESSURE** 

CWA NWS COUNTY WARNING AREA

Feb-02

30.11

Henrico

3

5

1

GLAZE

ICE PELLETS (SLEET)

R1 DENSE FOG < = 1/4 MILE



