

PAGE #1		Jan 2023 West Henrico Co. - Glen Allen Weather Center 37.6553° N. 77.5693° W. - Koontz																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Jan 2023	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
Jan-01	Sun	67.0	14:12	47.8	23:59	19.2	57.4	1.3	42	0	0	T	T	T			0001	0135
Jan-02	Mon	67.9	13:50	41.9	7:39	26.0	54.9	-2.5	43	0	2							
Jan-03	Tue	71.5	13:46	54.7	3:50	16.8	63.1	8.2	44	2	2							
Jan-04	Wed	65.4	0:05	58.5	6:35	6.9	62.0	-1.2	47	2	2	0.14	0.13	0.02			0100	1500
Jan-05	Thu	66.8	14:31	42.3	22:48	24.5	54.6	-7.4	48	1	0							
Jan-06	Fri	57.2	13:27	35.7	23:38	21.5	46.5	-8.1	48	0	1							
Jan-07	Sat	52.6	12:27	29.7	7:43	22.9	41.2	-5.3	46	0	0							
Jan-08	Sun	40.0	13:52	26.2	6:38	13.8	33.1	-8.1	45	2	2	0.63	0.19	0.02			1425	2400
Jan-09	Mon	53.5	14:28	30.7	23:31	22.8	42.1	9.0	43	0	0	0.01	0.01	0.01			0001	0010
Jan-10	Tue	47.8	13:26	25.1	6:26	22.7	36.5	-5.7	43	2	2							
Jan-11	Wed	46.8	14:53	25.8	6:59	21.0	36.3	-0.2	42	2	2	0.01	0.01	T			1850	2020
Jan-12	Thu	59.3	17:30	36.6	6:56	22.7	48.0	11.7	42	2	2	0.43	0.17	0.02			2030	2400
Jan-13	Fri	57.4	12:42	39.0	23:59	18.4	48.2	0.3	44	1	1	0.10	0.04	0.01			0001	0140
Jan-14	Sat	39.0	0:01	28.8	23:58	10.2	33.9	-14.3	44	2	2	T	T	T	T		~930	~935
Jan-15	Sun	45.1	14:23	25.8	6:35	19.3	35.5	1.6	42	0	0							
Jan-16	Mon	57.3	14:16	23.8	7:03	33.5	40.6	5.1	41	0	1							
Jan-17	Tue	49.3	14:57	41.2	9:18	8.1	45.3	4.7	41	2	2	0.17	0.07	0.01			0655	1415
Jan-18	Wed	65.0	13:26	43.2	7:14	21.8	54.1	8.9	42	1	1							
Jan-19	Thu	57.6	16:21	44.2	4:20	13.4	50.9	-3.2	43	2	2	0.03	0.02	0.01			0725	0830
Jan-20	Fri	57.1	13:51	33.7	23:59	23.4	45.4	-5.5	44	0	1							
Jan-21	Sat	48.3	11:56	26.8	7:20	21.5	37.6	-7.9	44	1	1							
Jan-22	Sun	41.1	15:03	31.9	0:44	9.2	36.5	-1.1	43	2	2	0.38	0.17	0.01			0815	2400
Jan-23	Mon	53.3	12:02	31.3	23:52	22.0	42.3	5.8	42	2	2	0.10	0.05	0.02			0001	0800
Jan-24	Tue	54.5	13:01	27.4	7:07	27.1	41.0	-1.3	43	1	0							
Jan-25	Wed	44.6	13:53	31.7	0:16	12.9	38.2	-2.8	42	2	2	0.66	0.28	0.05			0855	2340
Jan-26	Thu	52.3	12:27	34.3	23:59	18.0	43.3	5.2	42	0	2							
Jan-27	Fri	48.0	13:26	25.5	7:22	22.5	36.8	-6.6	42	1	0							
Jan-28	Sat	61.0	14:08	32.6	1:01	28.4	46.8	10.1	41	0	0							
Jan-29	Sun	52.2	10:56	39.1	7:08	13.1	45.7	-1.1	41	2	2	0.05	0.01	T			0120	1655
Jan-30	Mon	61.8	15:09	43.6	6:48	18.2	52.7	7.1	42	2	1	0.02	0.01	0.01			0445	0730
Jan-31	Tue	50.6	9:23	36.9	23:42	13.7	43.8	-9.0	44	2	2	0.20	0.08	0.01			0755	2400
TOTAL		1691.3		1095.8		595.5	1393.6	-12.4	1340	36	39	2.93	1.24	0.20	T	0	Column 26 - 27	
NUMBER		31	31	31	31	31	31	31	31	31	31	14	14	12	0	0	DAILY AVE RH	
AVERAGE		54.56	12:49	35.35	11:41	19.21	44.95		43.23	1.16	1.26	Ave. Tot.	Ave.Max	Ave.Max	Ave.Tot.	Ave.Days	72.7	Percent
NORMALS		47.48		27.60		19.87	37.54		42.27	1.13	1.13	3.43	0.39	0.09	5.1	3.1	66.9	Percent
DEPARTURES		7.08		7.74		-0.66	7.41		0.96	0.03	0.13	-0.50	-0.11	-0.04	-5.1	-3.1	5.8	Percent
MaxTemps. >= 70°F		71.5	Ave.HighMax	58.5	Ave.HighMin	33.5	63.1	11.7	48	Whole	Day	0.66	0.28	0.05	T	0.0	Precip	24 Hr.
2023 1		Jan-03	68.3	Jan-04	47.6	Jan-16	Jan-03	Jan-12	Jan-05	AVE.	1.21	Jan-25	Jan-25	Jan-25	Jan-14		Amount	0.66
Ave. 0.8			Dep.		Dep.				Jan-06	Normal	1.21						Date	Jan 25
Departure 0.2			3.2		10.9					Depart.	0.00						Date	
MinTemps. <= 32°F		39.0	Ave.LowMax	23.8	Ave.LowMin	6.9	33.1	-14.3	41	SKY	AM	PM	≥ 0.10	INCHES	≥ 1.00	INCHES	≥ 2.00	INCHES
2023 14		Jan-14	27.7	Jan-16	9.3	Jan-04	Jan-08	Jan-14	Jan-16	CLEAR	10	8	9	DAYS	0	DAYS	0	DAYS
Ave. 21.9			Dep.		Dep.				Jan-17	PT. CLO.	6	7	HOTTEST	63.1	Highest	Lowest	COOLEST	33.1
Departure -7.9			11.3		14.5				Jan-28	CLO.	15	16	DAY	Jan-03	Mean	Mean	DAY	Jan-08
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	0	1	4	8	14	21	28	30	31	31	31	31

PAGE #2		Jan 2023 West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.5693° W. - Koontz																						
20		21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38					
Jan 2023	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						
Jan-01			51.5	10	0:11	99	49	30.10	29.90	30.00	-0.20						P							
Jan-02			54.8	15	21:59	99	57	30.19	30.09	30.14	0.14				1		5							
Jan-03			167.2	26	13:39	95	64	30.12	29.87	30.00	-0.15						3							
Jan-04			115.7	22	8:57	97	78	29.96	29.75	29.86	-0.14					1	N							
Jan-05			52.2	18	14:48	99	41	30.01	29.88	29.95	0.09						P							
Jan-06			44.3	17	11:01	89	37	30.26	29.93	30.10	0.15						2							
Jan-07			47.6	15	23:39	92	45	30.38	30.19	30.29	0.19							2						
Jan-08			28.3	10	22:19	97	62	30.40	30.07	30.24	-0.05							2						
Jan-09			46.8	13	13:41	97	42	30.09	29.98	30.04	-0.20						P							
Jan-10			35.0	13	10:15	95	52	30.14	30.03	30.09	0.05							4						
Jan-11			41.4	11	14:53	96	64	30.25	30.12	30.19	0.10							4						
Jan-12			72.0	19	23:05	97	71	30.16	29.71	29.94	-0.25					1	P							
Jan-13	0825	0605	136.9	24	21:21	97	53	29.81	29.60	29.71	-0.23						P							
Jan-14			169.5	26	12:57	72	62	29.94	29.79	29.87	0.16				T			N						
Jan-15			108.2	22	10:18	75	44	30.17	30.03	30.10	0.23							N						
Jan-16			40.9	14	13:12	79	19	30.13	29.90	30.02	-0.09							N						
Jan-17			99.6	14	19:59	94	39	29.90	29.72	29.81	-0.21						P							
Jan-18			94.7	16	14:52	97	47	30.07	29.79	29.93	0.12						2							
Jan-19	0055	1535	46.1	16	6:28	98	39	30.07	29.64	29.86	-0.07						P							
Jan-20			93.7	21	12:42	98	72	30.07	29.67	29.87	0.02							N						
Jan-21			44.7	14	12:14	87	48	30.27	30.11	30.19	0.32							3						
Jan-22			62.2	14	10:51	97	77	30.24	29.70	29.97	-0.22							N						
Jan-23			75.5	25	15:41	97	50	30.17	29.62	29.90	-0.07						P							
Jan-24			46.9	12	12:42	89	31	30.31	30.16	30.24	0.34							3						
Jan-25			51.1	13	10:55	98	74	30.27	29.58	29.93	-0.31				1			N						
Jan-26			82.0	21	14:28	98	47	30.08	29.58	29.83	-0.09						P							
Jan-27			59.2	16	12:26	87	38	30.25	30.07	30.16	0.33							2						
Jan-28			89.7	14	10:48	69	35	30.38	30.24	30.31	0.15						1							
Jan-29			111.6	27	16:08	86	51	30.34	30.20	30.27	-0.04						N							
Jan-30			37.6	9	15:21	97	62	30.22	30.11	30.17	-0.11						P							
Jan-31			86.7	16	12:06	98	92	30.24	30.09	30.17	0.00						3							
TOTAL			2293.6	523		2865	1642	934.99	927.12	931.06	COUNT	0	0	1	1	2	6	7						
NUMBER	Mar. Wind Run		31	31	31	31	31	31	31	31	NORMAL	1.0	1.2	4.1	2.9	0.4	3.1	11.4						
AVERAGE	Total	2293.6	73.99	16.87	13:59	92.42	52.97	30.16	29.91	30.03	DEPART.	-1.0	-1.2	-3.1	-1.9	1.6	2.9	-4.4						
NORMALS	Miles	2137.2	64.50	18.49		86.62	46.72	30.23	29.95	30.09	Rating ▶	0	0	1	1	2	16	20						
DEPARTURES	Miles	156.4	9.49	-1.62		5.80	6.25	-0.07	-0.05	-0.06	Intensity	GLAZE	SLEET	SNOW	FOG	⌂	Dew	Frost						
MAXIMUM DATES		Dates	169.5	27	SSW	99	92	30.40	30.24	30.31	0.34	GLAZE	SLEET	SNOW	FOG	⌂	Dew	Frost						
		1	Jan-14	Jan-29	13:39	Jan-01	Jan-31	Jan-08	Jan-28	Jan-28	Jan-24													
		2			16:08	Jan-02																		
		3			Wind	Jan-05																		
Min. Temps. >= 70°F					Ave. Max.							5. Very Heavy 4. Heavy-Unusual 3. Moderate - Ave.												
2023 0		Dates	28.3	9	32.9	69	19	29.81	29.58	29.71	-0.31	2. Light - >= Ave.												
Ave. 0.0		1	Jan-08	Jan-30	Dep.	Jan-28	Jan-16	Jan-13	Jan-25	Jan-13	Jan-25	1. Very Light - Slight - Trace												
Departure 0.0		2			-5.9				Jan-26			M - Event with intensity missing												
Days Min. <=32 °F		14	MIN.		≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35	≤ 30	≤ 25	≤ 20	≤ 15	≤ 10	≤ 5					
Days Min >=70°F		0	DAYS		31	31	31	31	30	29	28	22	17	10	3	0	0	0	0					



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41	DAILY RECORDS FOR THE MONTH	
Jan 2023	The Springfield Park Station had 10 Records or Record Ties in January 2023	
1		
2		
3	The maximum temperature on the 3rd was 71.5&deg;F, a new 14-year daily HIGH maximum temperature record for the date - the old record was 57.8&deg;F in 2020.	
	The minimum temperature on the 3rd was 54.7&deg;F, a new 14-year warm daily minimum temperature record for the date - the old record was 45.6&deg;F in 2020.	
4	The minimum temperature on the 4th was 58.5&deg;F, a new 14-year warm daily minimum temperature record for the date - the old record was 44.6&deg;F in 2020.	
	The daily temperature range on the 4th was 6.9 &deg;F, a new 14-year LOW daily temperature range record for the date - the old record was 9.3&deg;F in 2019.	
5	The maximum temperature on the 5th was 66.8&deg;F, a new 14-year daily HIGH maximum temperature record for the date - the old record was 59&deg;F in 2019.	
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16	The daily temp.range on the 16th was 33.5&deg;F, a new 14-year HIGH daily temp.range record for the date - the old record was 28&deg;F in 2012 and 2010.	
17		
18	The maximum temperature on the 18th was 65&deg;F, a new 14-year daily HIGH maximum temperature record for the date - the old record was 63.6&deg;F in 2017.	
	The minimum temperature on the 18th was 43.2&deg;F, a new 14-year warm daily minimum temperature record for the date - the old record was 40.8&deg;F in 2017.	
19	The minimum temperature on the 19th was 44.2&deg;F, a new 14-year warm daily minimum temperature record for the date - the old record was 38.7&deg;F in 2019.	
20		
21		
22		
23		
24		
25		
26		
27		
28	The maximum temperature on the 28th was 61&deg;F, a new 14-year daily HIGH maximum temperature record for the date - the old record was 60&deg;F in 2012.	
29		
30		
31		

# January 2023 Springfield Park, Glen Allen, Virginia

The average maximum temperature was 54.56 which was a departure of 7.1 degrees.

The average minimum temperature was 35.4 which was a departure of 7.7 degrees.

The mean temperature averaged 45 degrees which was a departure of 7.4 degrees.

The rainfall for the month was 2.93 inches that fell on 14 days and was a departure of -0.50 inches.

There was only a trace of frozen precipitation on the 14<sup>th</sup> that was a snow flurry that was hardly discernible.

The highest wind was 27 mph on Jan. 29<sup>th</sup>.

## January 2023 the Richmond International Airport

**The mean** temperature was 46.2 degrees F the 6<sup>th</sup> warmest January on record since 1880. The departure on the mean was 7.9 degrees F.

The average maximum was 56.4 degrees F which was a departure of 8.6.

The average minimum temperature was 39.9 a departure of 7.1 degree.

The highest temperature was 71 on the 3<sup>rd</sup> and lowest temperature for January was 26 on the 10<sup>th</sup> and the 11<sup>th</sup>.

There were only 14 days that the minimum was 32 degrees or less.

The total rainfall was 2.82 inches which was a departure of -0.41.

There was precipitation on 12 days of the month.

The only frozen precip. was a trace of snow on January 14<sup>th</sup>.

### The Airport had 1 daily record for the month.

Record High Minimums- Jan 4<sup>th</sup> 58F - New Record - The old record was 57F in 2004, 1950.

# ACON - VA/NC/SC

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

January 2023

## Station summary of Climatological Data

Observer: Lowell L. Koontz

West Henrico - Glen Allen, VA

Observation Times: Temps Recorded 2400 Precipitation Recorded 2400

### TEMPERATURE °F

A	AVE. MAXIMUM	54.56
B	AVE. MINIMUM	35.35
C	MEAN MONTHLY	44.95
C1	MEAN TEMP DEP.	7.4
D	MAXIMUM	71.5
E	DATE(s) OF MAX.	Jan-03
F	MINIMUM	23.8
G	DATE(s) OF MIN.	Jan-16
H	# DAYS MAX. > = 90°	0
I	# MAX. < = 32°	0
J	MIN. < = 32°	14
K	MIN. < = 0°	0
K1	AVE RELATIVE HUMIDITY	72.7

### WIND MPH

L	MAX. GUST	27
M	DIRECT. OF GUST	sww
N	DATE	Jan-29
	TIME	13:39

### NUMBER DAYS WITH -

O	THUNDER	2
P	HAIL	0
Q	GLAZE	0
R	ICE PELLETS (SLEET)	0
R1	DENSE FOG < = 1/4 MILE	0

### S 2400 HOUR - PRECIPITATION INCHES

T	MONTH TOTAL	2.93
T1	PRECIP. Dep. From Ave.	-0.50
U	CALENDAR DAY MAX.	0.66
U1	DATE OF MAX.	Jan-25
V	24-HR. PERIOD MAX.	0.66
V1	DATE(s) OF MAX. PD.	Jan 25
W	# DAYS > = 0.01"	14
X	# DAYS > = 1.00"	0
Y	YR. TO DATE TOT.	2.93
	MAX. 1 HR. PRECIP.	0.28

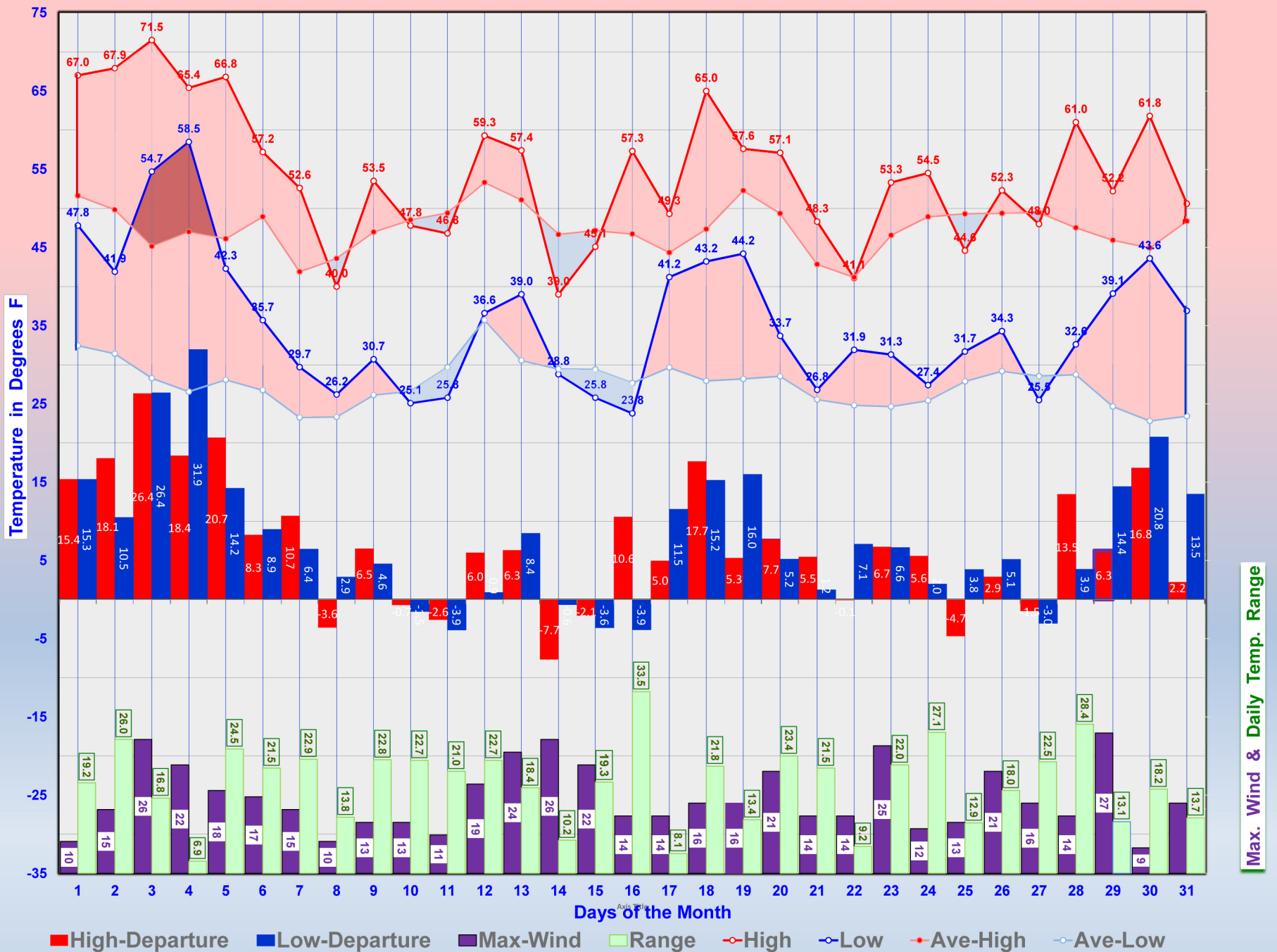
### SNOWFALL INCHES

Z	DAILY MAXIMUM	T
1	DATE OF MAX.	Jan-14
2	DAYS= > TRACE	1
3	DAYS > = 1.0"	0
4	MONTHLY TOTAL	T
5	2022-23 SEASON'S TOTAL	T

### BAROMETER

6	MAXIMUM	30.40
6A	DATE	Jan-08
7	MINIMUM	29.58
7A	DATE	Jan 25-26
8	AVE. MONTHLY PRESSURE	30.03
CWA	NWS COUNTY WARNING AREA	Henrico

# SPRINGFIELD PARK'S JANUARY TEMPERATURE & WIND GRAPH



# The Richmond International Airport

