

PAGE #1		Dec 2021		West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
Dec 2021	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		
Dec-01	Wed	59.6	12:01	29.6	7:16	30.0	44.6	1.9	47	0	2									
Dec-02	Thu	68.4	14:07	44.4	6:14	24.0	56.4	11.8	48	2	1									
Dec-03	Fri	64.9	13:26	41.1	7:36	23.8	53.0	-3.4	49	0	0									
Dec-04	Sat	59.1	13:06	34.8	6:38	24.3	47.0	-6.1	49	1	1									
Dec-05	Sun	56.4	14:28	32.1	5:32	24.3	44.3	-2.7	49	1	2									
Dec-06	Mon	71.3	13:47	40.8	3:17	30.5	56.1	11.8	49	1	2									
Dec-07	Tue	48.9	12:45	30.6	23:57	18.3	39.8	-16.3	50	1	0									
Dec-08	Wed	43.4	14:51	28.1	23:59	15.3	35.8	-4.0	48	2	2	T	T	T	T	None	0455	0500		
Dec-09	Thu	44.4	14:56	24.2	7:10	20.2	34.3	-1.5	47	1	2									
Dec-10	Fri	54.8	14:42	32.4	0:11	22.4	43.6	9.3	46	2	2	0.05	0.04	0.01			1515	2105		
Dec-11	Sat	71.6	15:48	53.0	0:01	18.6	62.3	18.7	47	2	2	0.39	0.23	0.09			0718	0730		
Dec-12	Sun	54.3	0:01	30.3	23:39	24.0	42.3	-20.0	50	0	0									
Dec-13	Mon	58.2	14:17	27.7	3:32	30.5	43.0	0.7	49	0	0									
Dec-14	Tue	59.3	13:53	27.7	6:22	31.6	43.5	0.5	47	0	0									
Dec-15	Wed	61.4	14:26	31.4	3:40	30.0	46.4	2.9	46	1	1									
Dec-16	Thu	70.1	14:08	39.7	2:14	30.4	54.9	8.5	47	0	0									
Dec-17	Fri	73.0	13:34	53.6	7:11	19.4	63.3	8.4	48	1	2									
Dec-18	Sat	64.2	23:22	52.5	7:20	11.7	58.4	-5.0	50	2	2	0.17	0.15	0.04			1251	1715		
Dec-19	Sun	64.2	0:14	31.8	23:49	32.4	48.0	-10.4	51	2	2	0.27	0.09	0.01	T	None	0543	1325		
Dec-20	Mon	42.7	13:04	24.8	4:12	17.9	33.8	-14.3	49	0	0									
Dec-21	Tue	42.1	14:10	25.3	0:15	16.8	33.7	0.0	47	2	2	0.13	0.07	0.02			1515	1535		
Dec-22	Wed	56.7	14:31	30.6	23:50	26.1	43.7	10.0	46	0	0	0.03	0.02	0.01			0001	0230		
Dec-23	Thu	45.5	14:18	22.8	7:27	22.7	34.2	-9.5	46	0	0									
Dec-24	Fri	62.9	14:10	36.5	0:01	26.4	49.7	15.6	45	2	1									
Dec-25	Sat	71.9	14:43	52.6	0:25	19.3	62.3	12.6	46	2	2									
Dec-26	Sun	71.7	13:20	45.6	7:38	26.1	58.7	-3.6	48	0	0									
Dec-27	Mon	50.5	12:10	38.0	6:54	12.5	44.3	-14.4	48	2	2									
Dec-28	Tue	62.1	13:03	44.8	8:06	17.3	53.5	9.2	48	2	1									
Dec-29	Wed	65.0	6:04	52.3	23:51	12.7	58.7	5.2	49	2	2	0.34	0.21	0.07			1130	1210		
Dec-30	Thu	54.6	15:44	50.7	7:13	3.9	52.7	-6.0	50	2	2	0.01	0.01	T			0001	0320		
Dec-31	Fri	63.7	12:18	52.5	8:04	11.2	58.1	5.5	51	2	2	0.04	0.03	0.01			0001	0630		
TOTAL NUMBER		1837		1162		674.6	1499.6	15.4	1490	35	37	1.43	0.85	0.26	T	0	Col.26-27			
AVERAGE		31	31	31	31	31	31	31	31	31	31	9	9	8	0	0	DAILY AVE RH			
Normals		51.98	13:04	37.49	8:37	21.76	48.37		48.06	1.13	1.19	Ave. Tot. 4.27	Ave. Max. 0.49	Ave. Max. 0.10	Ave. Tot. 3.2	Ave. Days 2.1	70.7	Percent		
DEPARTURES		7.27		4.97		2.23	6.05		1.3	0.00	0.01	-2.84	0.36	0.16	-3.2	-2.1	-1.2	Percent		
Max. Temps. >= 70°F		73.0	Ave. High-Max	53.6	Ave. High-Min	32.4	63.3	18.7	51	Whole Day		0.39	0.23	0.09	T	0.0	Precip	24 Hr.		
2021		6	Dec-17	71.0	Dec-17	Dec-19	Dec-17	Dec-11	Dec-19	AVERAGE		1.16	Dec-11	Dec-11	Dec-11	Dec-08	Amount	0.44		
Ave.		1.4	Dep.		Dep.				Dec-31	NORMAL		1.14			Dec-19	Date	17-Dec			
Departure		4.6	2.1		1.9					DEPART.		0.02				Date	18-Dec			
Min. Temps. <= 32°F		42.1	Ave. Low-Max	22.8	Ave. Low-Min	3.9	33.7	-20.0	45	SKY		PM	≥ 0.10 INCHES		≥ 1.00 INCHES		≥ 2.00 INCHES			
2021		15	Dec-21	35.1	Dec-23	Dec-30	Dec-21	Dec-12	Dec-24	CLEAR	AM 10	PM 10	5 DAYS		0 DAYS		0 DAYS			
Ave.		17.4	Dep.		Dep.					PT. CLO.	7	5	HOTTEST DAY		63.3	Highest Mean	Lowest Mean	COOLEST DAY		
Departure		-2.4	7.0		3.8					CLOUDY	14	16	DAY		12-17			33.7		
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	6	9	16	23	25	27	31	31	31	31	31		

20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38	
Dec 2021	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE				GLAZE	SLEET	SNOW	FOG	K	DEW	FROST																			
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE																										
Dec-01			44.1	14	15:03	92	40	30.25	30.03	30.14	0.09																								3		
Dec-02			115.0	27	12:28	81	46	30.03	29.77	29.90	-0.24																								1		
Dec-03			41.3	10	9:41	89	37	30.09	29.82	29.96	0.05																								2		
Dec-04			27.7	11	12:22	94	59	30.25	30.03	30.14	0.19																								4		
Dec-05			41.8	14	9:40	97	41	30.39	30.16	30.28	0.13																								1	3	
Dec-06			123.5	23	11:40	93	60	30.16	29.74	29.95	-0.32																								2		
Dec-07			48.2	13	3:24	75	33	30.29	30.03	30.16	0.21																								N		
Dec-08	0620	0640	23.4	8	14:54	88	66	30.15	29.92	30.04	-0.13		1	None																					P		
Dec-09			44.0	11	15:23	90	50	30.32	30.12	30.22	0.18																								4		
Dec-10			70.2	11	1:19	93	69	30.21	30.05	30.13	-0.09																								N		
Dec-11	1705	2255	159.8	29	14:20	96	73	30.04	29.74	29.89	-0.24																								P		
Dec-12			54.1	16	0:07	82	32	30.38	29.90	30.14	0.25																								P		
Dec-13			62.2	15	11:33	87	34	30.42	30.31	30.37	0.23																									3	
Dec-14			29.0	13	10:50	92	34	30.59	30.34	30.47	0.10																									3	
Dec-15			22.1	8	9:36	96	62	30.58	30.33	30.46	-0.01																									3	
Dec-16			144.7	28	15:06	97	51	30.33	30.06	30.20	-0.26																									4	
Dec-17			65.4	18	0:01	89	61	30.18	30.06	30.12	-0.08																									1	
Dec-18			61.2	12	21:48	98	54	30.16	29.84	30.00	-0.12																									N	
Dec-19			119.4	21	5:14	97	66	30.32	29.83	30.08	0.07		1	None																					P		
Dec-20			44.3	13	0:15	88	46	30.44	30.23	30.34	0.26																									3	
Dec-21	1750	2400	34.7	11	23:00	96	55	30.23	29.78	30.01	-0.33																									3	
Dec-22			50.6	16	12:15	97	33	30.09	29.68	29.89	-0.12																									P	
Dec-23			41.0	10	22:58	88	37	30.32	30.09	30.21	0.32																									3	
Dec-24			123.3	18	3:54	65	36	30.14	29.84	29.99	-0.21																									N	
Dec-25			172.0	24	3:06	71	52	29.85	29.60	29.73	-0.27																									N	
Dec-26			37.3	13	15:16	97	29	30.12	29.73	29.93	0.20																									5	
Dec-27			41.2	13	9:41	82	58	30.13	29.80	29.97	0.04																									1	
Dec-28			67.0	15	19:17	87	35	30.00	29.75	29.88	-0.09																									N	
Dec-29	1915	2400	72.1	19	4:43	97	75	29.94	29.72	29.83	-0.05																									1	
Dec-30			29.6	9	1:36	98	92	29.96	29.85	29.91	0.08																									P	
Dec-31	1540	1750	53.4	12	12:57	100	76	30.02	29.89	29.96	0.05																									P	
<b>TOTAL NUMBER AVERAGE</b>		Column 23		2063.6	475		2792	1592	936.38	928.04	932.21	<b>TOTAL</b>	0	2	0	1	0	11	8																		
<b>AVERAGE</b>		Max. Wind Run		31	31	31	31	31	31	31	31	<b>NORMAL</b>	0.0	0.2	0.6	2.8	0.5	11.4	9.0																		
<b>Normals</b>		Total		2063.6	66.57	15.32	10:26	90.06	51.35	30.21	29.94	<b>DEPART.</b>	0.0	1.8	-0.6	-1.8	-0.5	-0.4	-1.0																		
<b>DEPARTURES</b>		Miles		1639.1	54.4	17.1		91.2	52.5	30.24	29.98	<b>Rating ▶</b>	0	2	0	2	0	25	25																		
<b>DEPARTURES</b>		Miles		424.5	2009.2	-1.8		-1.1	-1.1	-0.04	-0.04	<b>Intensity</b>	<b>GLAZE</b>	<b>SLEET</b>	<b>SNOW</b>	<b>FOG</b>	<b>K</b>	<b>Dew</b>	<b>Frost</b>																		
<b>MAXIMUM DATES</b>		Dates		172.0	29	South	100	92	30.59	30.34	30.47	0.32																									
<b>Min. Temps. &gt;= 70°F</b>		1		Dec-25	Dec-11	14:20	Dec-31	Dec-30	Dec-14	Dec-14	Dec-14	Dec-23	5. Very Heavy							N- None No Dew Obs.																	
<b>Departure</b>		2											4. Heavy-Unusual							P- Precip. prevent obs.																	
<b>Days Min. &lt;=32 °F</b>		3											3. Moderate - Ave.																								
<b>Days Min &gt;=70°F</b>		4				Ave. Max.							2. Light - >= Ave.																								
<b>Ave.</b>		1		22.1	8	30.8	65	29	29.85	29.60	29.73	-0.33	1. Very Light - Slight - Trace																								
<b>Departure</b>		2		Dec-15	Dec-08	Dec-15	Dec-24	Dec-26	Dec-25	Dec-25	Dec-25	Dec-21	M - Event with intensity missing																								
<b>Days Min. &lt;=32 °F</b>		15																																			
<b>Days Min &gt;=70°F</b>		0																																			
				≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35	≤ 30	≤ 25	≤ 20	≤ 15	≤ 10	≤ 5	≤ 0																				
				31	31	31	24	23	19	16	9	4	0	0	0	0	0																				

Dec 2021	REMARKS FOR THE MONTH December - 2021
Dec-01	CLEAR UNTIL 1015 THEN CIRRUS CAME IN AND INCREASED TO 1030 AND DECREASED TO 1300 THEN CLOUDY 1430 TO DARK
Dec-02	A CLOUDY AM AND A PARTLY CLOUDY PM-A WINDY WARM DEC. DAY - MAX. WIND GUST 27 MPH
Dec-03	CLEAR ALL DAY WITH LITTLE WIND AND WARM TEMPS. FOR DEC.
Dec-04	AM WAS ABOUT 35-40% CLOUDY AND PM WAS ABOUT 50-55% CLOUDY-CLOUDY AFTER 1645
Dec-05	TOTAL CONDENSATION WAS 4-1/4 DEW AND 3/4 FROST-CLEAR TO 0945 THEN CLOUDS CAME IN AND WAS MAINLY CLOUDY AFTER 1040
Dec-06	CLOUDY UNTIL 0950 THEN CLEARING THAT LASTED TO 1340 THEN CLOUDY AGAIN TO DARK
Dec-07	LOW AM RELATIVE HUMIDITY OF 56%-CLOUDS CLEARED AT 0955 AND THEN CLEAR TO 1245-SCATTERED PM CLOUDS
Dec-08	CLEARING STARTED AT 1455 THEN CLEAR TO 1550 FOLLOWED BY PC TO MOSTLY CLOUDY SKIES-A TRACE OF SLEET AND RAIN-3RD PD. OF SPRINKLES 0900-1250-SLEET BARELY DISCERNIBLE
Dec-09	THIN CIRRUS CAME IN BY 0830 WITH COMPLETE COVERAGE AND DIM SUN BY 0845-THEN CIRROSTRATUS THEN ALTOSTRATUS
Dec-10	ONLY SUN WAS FROM 0830-0905 BUT WAS 10 degrees F WARMER TODAY ON SOUTH WIND
Dec-11	A VERY WARM CLOUDY DAY WITH A STORM FRONT PASSING AT 1705-1710 THE SAME FRONT THAT CAUSED TORNADOES IN 6 STATES MO, MS, KY, AR, IL, TN
Dec-12	A VERY CLEAR DAY & A SHARP INTERFACE ON BACK EDGE OF CLOUDS SEEN TO SE AT 0630
Dec-13	VERY CLEAR AM-PM HAD SOME VERY THIN CIRRUS BUT HARDLY A DECREASE SEEN ON SOLAR RADIATION GRAPH
Dec-14	A VERY CLEAR DAY UNDER A STRONG HIGH PRESSURE WITH LOW RH OF 34% AT 1219
Dec-15	A PC DAY WITH CIRRUS BUT WARM FOR MID-DEC AND A VERY DRY MONTH SO FAR
Dec-16	A VERY WARM AND WINDY DEC. DAY WITH CIRRUS THAT AVERAGED ABOUT 30% CLOUD COVER
Dec-17	LIGHT DEW WITH WINDS AND A CLOUDY NIGHT-AM AVERAGED 60-65% CLOUDY-PM WAS CLOUDY
Dec-18	VERY CLOUDY DAY AND GLOOMY PM BUT WARM FOR DEC.
Dec-19	CLOUDY ALL DAY CLEARING LATE AT 1610-TRACE OF SLEET BETWEEN NOON AND 1300
Dec-20	A VERY CLEAR BUT COLD DEC. DAY-MODERATE AM FROST
Dec-21	A CLOUDY GLOOMY COLD DAY BUT STILL ABOUT 8 DEGREES BELOW AVERAGE
Dec-22	SKY CLEARED BY 0830 AND AM EST. TO BE 30% CLOUDY-PM WAS CLEAR AND ALMOST 15 DEGREES WARMER TODAY
Dec-23	COLDEST SINCE NOV. 24, 2021 WHEN IT WAS 21.3 degrees F
Dec-24	AM RELATIVE HUMIDITY WAS A LOW 65% - SKY CLEARED AT 1050-PM WAS PC
Dec-25	CLOUDY ALL DAY EXCEPT 1450-1620
Dec-26	A CLEAR VERY WARM SUNNY CALM DECEMBER DAY WITH A LOW RH OF 29% AT 1322
Dec-27	CLOUDY AND MUCH COOLER
Dec-28	TODAY HAD A MOSTLY CLOUDY AM AND A PARTLY CLOUDY PM - VERY WARM FOR DEC.
Dec-29	A QUICK DROP IN TEMP. AND DEW POINT WITH WIND SHIFT TO NORTH AT 0820
Dec-30	CLOUDY AND CONTINUED WARM - IT LOOKS LIKE DEC. WILL BE 3RD WARMEST ON REC. IN RICHMOND SINCE 1880
Dec-31	DRIZZLE AND FOG MIDNIGHT TO 0600 GAVE 0.01 PRECIP.- THE ONLY MOSTLY CLEAR PERIOD WAS 1200-1300 -SPRINKLES 1540-1750 AND A SHOWER BETWEEN 2100 AND 2200
DATE	EXTENSION OF LENGTHY DAILY REMARKS
	<p>The heaviest rain was from 1335 of the 17<sup>th</sup> to 1335 of the 18<sup>th</sup></p> <p style="text-align: center;">The daily records for the month are listed on page # 4 and not found in the remarks.</p> <p style="text-align: center;">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</p> <p style="text-align: center;"><a href="#">Rules for making Observations in 2021</a></p>



# December 2021

## Springfield Park, Glen Allen, VA

December was the second warmest and second driest on record at Springfield Park as the monthly mean temperature was 48.4°F, a +6.1 degrees F departure from the 13-year average. The average max, min and mean for December were all the 2<sup>nd</sup> highest on record with 2015 being the record. The average maximum temp. was 59.3 degrees F a +7.3 degrees F departure. December had 6 days of equal to or higher than 70°F and 9 days of equal to or higher than 65 degrees F. On 15 days the minimum temperature dropped to freezing or below; the average is 17.4 days for Dec. The lowest temperature was 22.8 degrees F occurring on the 23<sup>rd</sup> and the highest was 73 degrees F on the 17<sup>th</sup>.

The highest barometric pressure of the month was 30.59 inches recorded on the 14<sup>th</sup>. The lowest was only 29.60 inches of mercury which tied for the highest minimum due to the lack of strong storm systems. The max. wind gust was 29 mph on the 11<sup>th</sup> ahead of a cold front.

December had only 2 traces of sleet on the 8<sup>th</sup> and 19<sup>th</sup> and no snow. The precipitation total for the month was only 1.43 inches a departure of -2.84 inches; only 2017 had a lower total with 0.99 inches. There were 9 days with measurable precipitation in December. The max precip. in a day was 0.39 inches and in 24 hours was 0.44 inches; both were new low precip. records. The 0.23 inches in one hour was the 2<sup>nd</sup> least on record. The total precipitation for the year was 43.95 inches with a deficit of 4.94 inches, making it the 5<sup>th</sup> driest year at Springfield Park.

December was near average in cloudiness. December had the highest daily average temperature range of 21.8 degrees F for the month on record.

## Richmond International Airport

The mean temperature for the Richmond International Airport was 48.9 degrees F which was a +7.1 degrees F departure and the 3<sup>rd</sup> warmest December since 1880. The record mean temperature was 52.1 degrees F in 2015 and 2<sup>nd</sup> place is 51.2 degrees F in 1889. Four record high daily minimum temps. are listed below. This Dec. is the first time I have seen 6 days that the min. temp was warmer than the ave. max. temp. for the date. (See the graph for the Airport). December lowest max. temp. was 42 degrees F on the 21<sup>st</sup>; only 3 Decembers have had a higher reading since 1897. The lowest temp. for Dec. was 25 degrees F. No other year since 1897 has had a higher minimum temp. for Dec. Only 2015 and 1956 have had a higher average min. temp. for Dec.

The 1.07 inches of precipitation for December made it the 12<sup>th</sup> driest December since 1887 and the 14<sup>th</sup> driest since 1880. December had a trace of frozen precip. on Dec. 8<sup>th</sup>. The total precipitation for the year was 49.25 inches which was a +3.75-inch surplus for 2021.

### 4 high min. temp records

- Dec 11<sup>th</sup> 52°F Tied the record set in 1897
- Dec 17<sup>th</sup> 55°F New Record – The old record was 54 in 1924
- Dec 18<sup>th</sup> 53°F Tied the record set in 1984
- Dec 30<sup>th</sup> 51°F Tied the record set in 1990

### 1 low temp range record

- Dec. 30<sup>th</sup> the 4 degrees F low temp. range tied the record set in 1944

### 1 mean temp. record

- Dec. 11<sup>th</sup> the daily mean of 61.5 degrees F set a new record; the previous record was 60 degrees F in 1897.

# ACON - VA/NC/SC

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

## December 2021

### 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	AVERAGE MAXIMUM	59.25
B	AVERAGE MINIMUM	37.49
C	MONTHLY AVERAGE	48.37
C1	AVERAGE TEMP DEP.	6.0
D	MAXIMUM	73
E	DATE(s) OF MAX.	Dec-17
F	MINIMUM	22.8
G	DATE(s) OF MIN.	Dec-23
H	# DAYS MAX. > = 90°	0
I	# MAX. < = 32°	0
J	MIN. < = 32°	15
K	MIN. < = 0°	0
K1	AVE RELATIVE HUMIDITY	70.7

#### WIND MPH

L	MAX. GUST	29
M	DIRECT. OF GUST	South
N	DATE	Dec-11
	TIME	14:20

#### NUMBER DAYS WITH -

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

#### 2400 HOUR - PRECIPITATION INCHES

S	MONTH TOTAL	1.43
T	PRECIP. Dep. From Ave.	-2.84
T1	CALENDAR DAY MAX.	0.39
U	DATE OF MAX.	Dec-11
U1	24-HR. PERIOD MAX.	0.44
V	DATE(s) OF MAX. PD.	17 <sup>th</sup> & 18 <sup>th</sup>
V1	# DAYS > = 0.01"	9
W	# DAYS > = 1.00"	0
X	YR. TO DATE TOT.	43.95
Y	MAX. 1 HR. PRECIP.	0.23

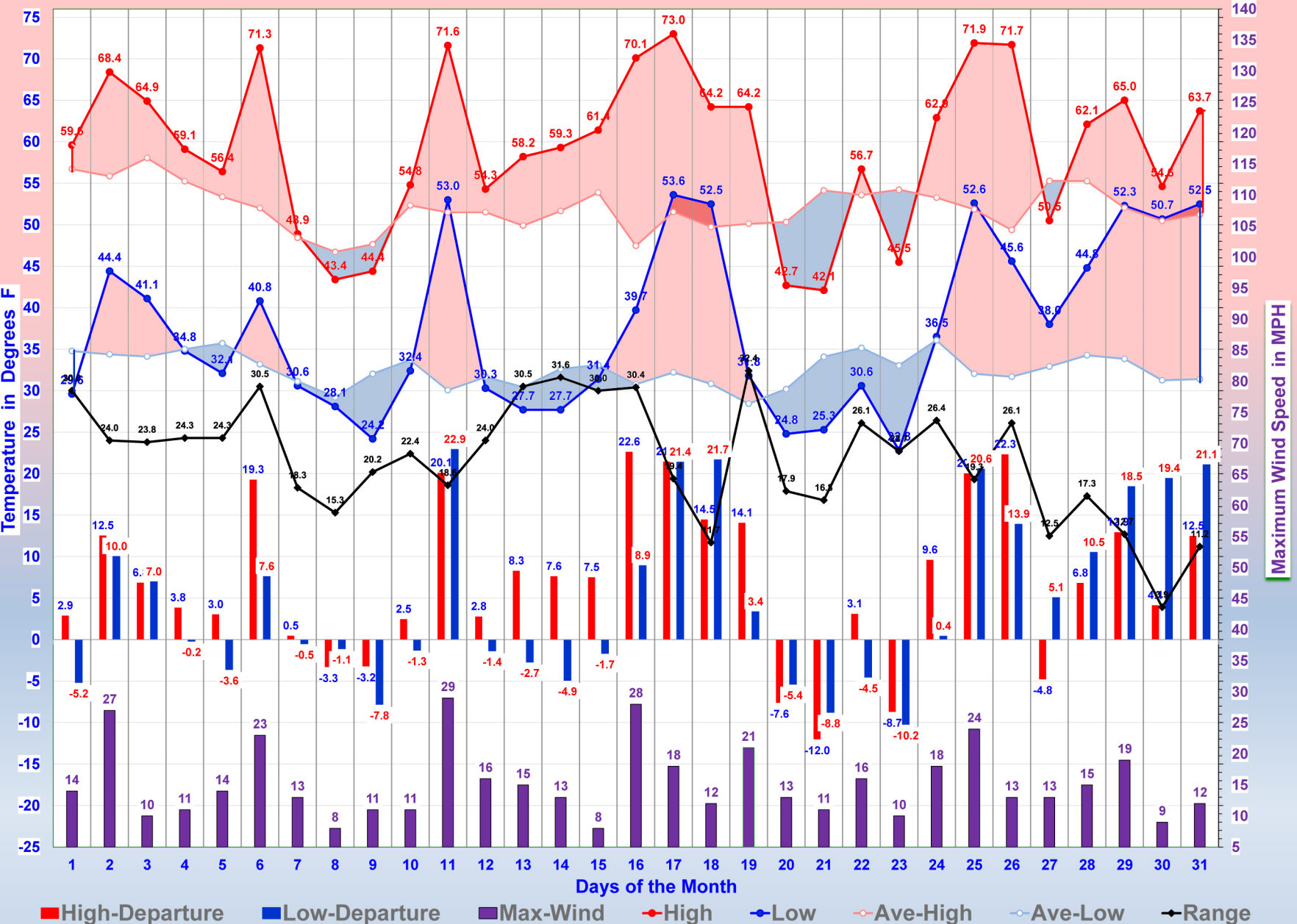
#### SNOWFALL INCHES

Z	DAILY MAXIMUM	T
01	DATE OF MAX.	Dec 8 <sup>th</sup> & 19 <sup>th</sup>
02	DAYS= > TRACE	2
03	DAYS > = 1.0"	0
04	MONTHLY TOTAL	T
05	2021 - 2022 SEASON'S TOT.	T

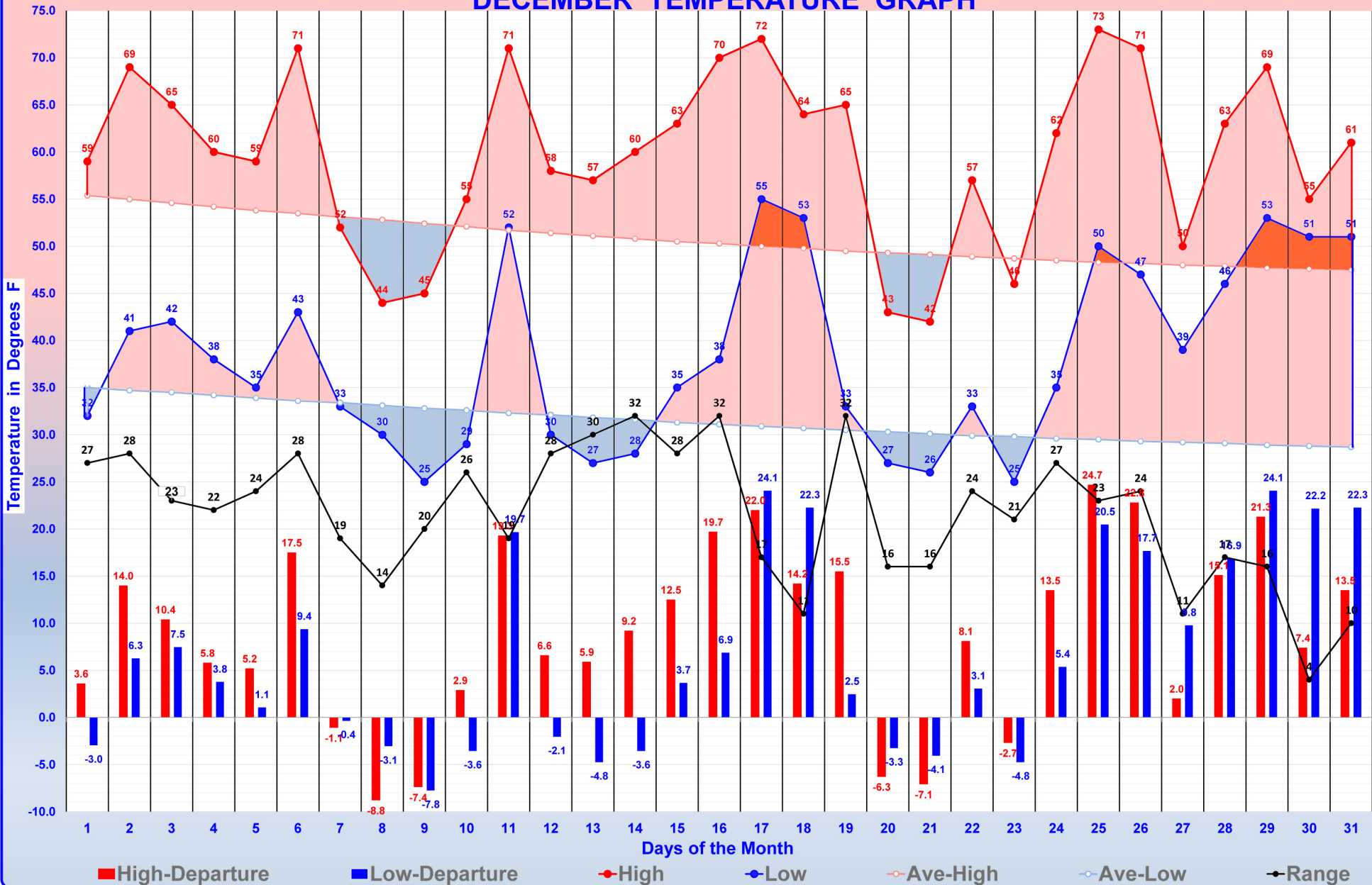
#### BAROMETER

6	MAXIMUM	30.59
6A	DATE	Dec-14
7	MINIMUM	29.60
7A	DATE	Dec-25
8	AVE. MONTHLY PRESSURE	30.07
CWA	NWS WARNING AREA	HENRICO

# SPRINGFIELD PARK'S DECEMBER TEMPERATURE & WIND GRAPH



# The Richmond International Airport DECEMBER TEMPERATURE GRAPH





STATE  
**VA**  
COUNTY  
**Henrico**  
RIVER

TIME (local) OF OBSERVATION RIVER  
TEMPERATURE  
**MID** | PRECIPITATION  
**MID** | STANDARD TIME IN USE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

TYPE OF RIVER GAGE | ELEVATION OF RIVER  
GAGE ZERO | FLOOD STAGE | NORMAL POOL STAGE

DATE	TEMPERATURE			PRECIPITATION											WEATHER (Observation Day)						RIVER STAGE			REMARKS (SPECIAL OBSERVATIONS, ETC.)																
	24 HRS ENDING AT OBSERVATION		AT OBSN	24 HR AMOUNTS		AT OB Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved	A.M.			NOON			P.M.			Fog	Ice pellets	Glaze	Thunder	Hail	Damaging winds	Time of occurrence if different from above	Condition		Gage reading at ____ AM	Tendency														
	MAX	MIN		Rain, melted snow, etc. (in and hundredths)	Snow, ice pellets, hail (ins and tenths)		Snow, ice pellets, hail ice on ground (in)	1	2	3	4	5	6	7	8												9	10	11	1	2	3	4	5	6	7	8	9	10	11
1	60	30	51	0.00	0.0	0																																Today was clear until 1015 when cirrus came in a		
2	68	44	55	0.00	0.0	0																						Today was a warm and windy day with a max. wind												
3	65	41	45	0.00	0.0	0																						A clear warm day for December with little wind.												
4	59	35	37	0.00	0.0	0																						The AM average was about 35 to 40% cloudy with												
5	56	32	47	0.00	0.0	0																						Today we had a clear sky until 0945 then clouds												
6	71	41	48	0.00	0.0	0																						The AM was cloudy until 0950 then clearing that												
7	49	31	31	0.00	0.0	0																						Very low 7AM - RH of 56% with an overcast sky un												
8	43	28	28	T	T	0		-	-	-	-	-						X										A trace of sleet in a rain sleet mix before 0630												
9	44	24	33	0.00	0.0	0																						The AM sky had cirrus clouds coming in by 0830 w												
10	55	32	53	0.05	0.0	0									-	-	-	-	-									The only sun today was between 0830 and 0905 but												
11	72	53	54	0.39	0.0	0					-				-	-	-	-	-									Near record warmth for the date and a cloudy wit												
12	54	30	31	0.00	0.0	0		1	2	3	4	5	6	7	8	9	10	11											At sunrise the interface between a clear sky and											
13	58	28	35	0.00	0.0	0																							Today had a very clear AM sky. The PM sky had s											
14	59	28	35	0.00	0.0	0																							Today was very clear and mild mid-Dec day under											
15	61	31	42	0.00	0.0	0																							A partly cloudy day because of cirrus clouds but											
16	70	40	61	0.00	0.0	0																							A very warm and windy day with thin cirrus cloud											
17	73	54	59	0.00	0.0	0																							The AM sky averaged 60% to 65% cloudy and the P											
18	64	53	64	0.17	0.0	0									-	-	-	-	-										A very cloudy day and a gloomy PM with precip fr											
19	64	32	32	0.27	T	0									-	-	-	-	-		X								Mixed sleet and rain started at 11:55 AM with a											
20	43	25	26	0.00	0.0	0																							Today had a moderate AM frost and a very clear d											
21	42	25	36	0.13	0.0	0																							A cloudy gloomy cold damp day with altostratus											
22	57	31	31	0.03	0.0	0		1	2	3	4	5	6	7	8	9	10	11											The sky cleared by 0830 and the AM averaged abou											
23	46	23	37	0.00	0.0	0																							The coldest AM since November 24,2021 when it wa											
24	63	37	53	0.00	0.0	0																							Today had a very low AM RH of 65% at 7 AM and c											
25	72	53	63	0.00	0.0	0																							A generally cloudy but very warm breezy day exce											
26	72	46	49	0.00	0.0	0																							A clear and very warm sunny calm day with a low											
27	51	38	47	0.00	0.0	0																							A cloudy and much cooler day but temps still ab											
28	62	45	55	0.00	0.0	0																							The AM was mostly cloudy and the PM was partly c											
29	65	52	52	0.34	0.0	0																							Today we had a quick drop in the temp and dew po											
30	55	51	53	0.01	0.0	0		-	-	-	-																		Precip. from periods of drizzle between midnight											
31	64	53	57	0.04	0.0	0		-	-	-	-									X									Fog and drizzle midnight to 0630 then cloudy to											
	59.3	37.6	SUM	1.43	T		CHECK BAR (for wire weight) NORMAL CHECK BAR																																	
	CONDITION OF RIVER AT GAGE		READING			DATE																																		
A. Obstructed by rough ice B. Frozen, but open at gage C. Upper surface smooth ice D. Ice gorge above gage							E. Ice gorge below gage F. Shore ice G. Floating ice H. Pool stage							OBSERVER						SUPERVISING OFFICE AKQ Wakefield					STATION INDEX NO. 44-7998-02															