

PAGE #1		Apr 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	
Apr 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	
Apr-01	Thu	58.8	0:01	37.2	23:53	21.6	48.0	-16.8	56	2	2	0.42	0.21	0.05			0138	0740	
Apr-02	Fri	48.0	15:05	28.2	06:33	19.8	38.1	-9.9	55	0	0								
Apr-03	Sat	56.8	15:22	24.8	06:47	32.0	40.8	2.7	53	0	0								
Apr-04	Sun	76.4	14:55	37.4	05:29	39.0	56.9	16.1	53	0	0								
Apr-05	Mon	75.7	17:05	42.7	07:04	33.0	59.2	2.3	54	0	0								
Apr-06	Tue	81.2	16:59	46.2	06:46	35.0	63.7	4.5	55	0	0								
Apr-07	Wed	83.7	14:25	46.9	06:45	36.8	65.3	1.6	57	0	1								
Apr-08	Thu	75.2	14:41	53.6	07:18	21.6	64.4	-0.9	58	0	1	T	T	T			2150	2205	
Apr-09	Fri	76.0	16:33	54.9	04:59	21.1	65.5	1.1	58	2	2	0.09	0.06	0.03			0001	0150	
Apr-10	Sat	77.1	17:06	55.2	04:30	21.9	66.2	0.7	59	2	1	0.12	0.11	0.03			2145	2340	
Apr-11	Sun	79.6	15:28	59.1	06:50	20.5	69.4	3.2	60	0	1	0.05	0.04	0.01			0035	0415	
Apr-12	Mon	72.0	11:17	50.8	06:40	21.2	61.4	-8.0	61	0	2	T	T	T			1855	1950	
Apr-13	Tue	70.5	14:10	50.3	04:59	20.2	60.4	-1.0	60	1	1								
Apr-14	Wed	71.0	17:00	48.1	06:45	22.9	59.6	-0.9	60	1	2	0.23	0.21	0.04			1810	2000	
Apr-15	Thu	70.2	15:32	47.4	23:42	22.8	58.8	-0.8	60	2	2	0.06	0.04	0.01			0001	0305	
Apr-16	Fri	67.9	17:22	36.2	06:40	31.7	52.1	-6.7	60	0	1								
Apr-17	Sat	67.9	15:19	38.5	06:51	29.4	53.2	1.2	59	0	2	T	T	T			2120	2235	
Apr-18	Sun	68.5	16:11	43.3	06:04	25.2	55.9	2.7	60	0	2	T	T	T			1950	2005	
Apr-19	Mon	61.9	17:29	47.1	23:39	14.8	54.5	-1.4	60	2	2	0.40	0.26	0.06			0125	0130	
Apr-20	Tue	76.3	15:05	41.9	06:06	34.4	59.1	4.6	58	0	0								
Apr-21	Wed	73.3	13:15	41.0	23:58	32.3	57.2	-2.0	60	1	1	T	T	T			1245	1250	
Apr-22	Thu	57.4	15:38	31.8	04:55	25.6	44.6	-12.6	59	1	2								
Apr-23	Fri	65.0	16:32	32.2	06:29	32.8	48.6	4.0	57	0	1								
Apr-24	Sat	64.5	14:27	37.4	05:53	27.1	51.0	2.4	57	2	2	0.46	0.25	0.04			1500	2400	
Apr-25	Sun	69.4	16:06	47.2	23:59	22.2	58.3	7.4	57	2	2	0.17	0.14	0.03			0001	0215	
Apr-26	Mon	73.0	17:14	42.0	06:03	31.0	57.5	-0.8	58	0	0								
Apr-27	Tue	86.4	15:57	50.5	05:46	35.9	68.5	11.0	59	0	0								
Apr-28	Wed	87.8	14:45	64.1	06:00	23.7	76.0	7.5	61	2	0								
Apr-29	Thu	87.5	13:24	69.5	07:27	18.0	78.5	2.6	63	2	1	0.05	0.05	0.02			0440	0445	
Apr-30	Fri	77.2	14:14	52.9	23:58	24.3	65.1	-13.5	64	0	0	0.03	0.03	0.01			0125	0405	
TOTAL		2156.2		1358.4		797.8	1757.3	0.2	1751	22.0	31.0	2.08	1.40	0.33	0	0	Col.26-27		
NUMBER		30	30	30	30	30	30	30	30	30	30	11	11	11	0	0	DAILY AVE RH		
AVERAGE		71.87	14:57	45.28	9:45	26.59	58.58	0.01	58.37	0.73	1.03	Ave. Tot.	Ave. Max	Ave. Max	Ave.Tot.	Ave.Days	63.9	Percent	
NORMALS		70.73		47.33		19.81	59.03		57.65	1.13	1.13	3.45	0.49	0.15	0.0	0.0	64.5	Percent	
DEPARTURES		1.14		-2.05		6.8	-0.45		0.7	-0.40	-0.10	-1.37	-0.23	-0.09	0.0	0.0	-0.5	Percent	
Max. Temps. >= 70°F		87.8	Ave.HighMax	69.5	Ave.HighMin	39	78.5	16.1	64	Whole Day		0.46	0.26	0.06	0	0.0	Precip	24 Hr.	
2021 19		Apr-28	87.1	Apr-29	65.2	Apr-04	Apr-29	Apr-04	Apr-30	Ave.Sky 0.88		Apr-24	Apr-19	Apr-19			Amount	0.63	
Ave. 17.3			Dep.		Dep.					Normal 1.06							Date	04-24	
Departure 1.7			0.7		4.3					Depart. -0.17							Date	04-25	
Min. Temps. <= 32°F		48	Ave.LowMax	24.8	Ave.LowMin	14.8	38.1	-16.8	53	SKY	AM	PM	>= 0.10	INCHES	>= 1.00	INCHES	>= 2.00	INCHES	
2021 4		Apr-02	51.8	Apr-03	30.8	Apr-19	Apr-02	Apr-01	Apr-03	CLEAR	17	10	6	DAYS	0	DAYS	0	DAYS	
Ave. 1.5			Dep.		Dep.				Apr-04	P.CLO.	4	9	Hottest	78.5	Highest	Lowest	Coolest	38.1	
Departure 2.5			-3.8		-6.0					CLO.	9	11	DAY	4-29	Mean	Mean	DAY	4-02	
Days Max. <=32 °F		0	MAX.			≥95	≥ 90	≥ 85	≥ 80	≥ 75	≥ 70	≥ 65	≥ 60	≥ 55	≥ 50	≥ 45	≥ 40	≥ 35	
Days Max. >=90°F		0	DAYS			0	0	3	6	13	19	25	26	29	29	30	30	30	

PAGE #2		Apr 2021 West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz																		
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Apr 2021	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE				<div>☒</div> <div>DEW FROST</div>								
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG					
Apr-01	1215	1220	122.1	26	02:09	98	38	30.22	29.83	30.03	0.00							P		
Apr-02			111.6	27	10:09	69	27	30.40	30.21	30.31	0.28								1	
Apr-03			46.6	14	14:39	89	23	30.51	30.28	30.40	0.09								4	
Apr-04			71.1	17	13:25	69	25	30.29	30.00	30.15	-0.25							2		
Apr-05			47.6	17	14:40	72	24	30.17	29.99	30.08	-0.07							2		
Apr-06			49.9	14	21:52	81	30	30.06	29.91	29.99	-0.09							3		
Apr-07			42.8	15	15:06	85	33	30.00	29.89	29.95	-0.04							3		
Apr-08	2250	2310	144.6	21	14:48	83	45	30.06	29.94	30.00	0.05							3		
Apr-09	2025	2130	66.9	14	00:37	95	63	30.08	29.98	30.03	0.03						1, 3	P		
Apr-10			57.0	17	21:18	100	57	30.04	29.69	29.87	-0.16				3			P		
Apr-11	2300	2310	107.4	25	03:42	96	39	29.69	29.45	29.57	-0.30							P		
Apr-12			42.0	16	20:27	95	48	29.93	29.53	29.73	0.16							4		
Apr-13			58.9	15	12:05	96	50	30.13	29.93	30.03	0.30							P		
Apr-14	2125	2400	69.5	17	23:05	97	62	30.13	29.88	30.01	-0.03							3		
Apr-15	0420	0425	56.6	19	20:57	98	42	29.89	29.68	29.79	-0.22							P		
Apr-16			64.5	17	11:45	87	35	29.86	29.73	29.80	0.01							3	1	
Apr-17			45.0	12	10:02	93	38	29.89	29.79	29.84	0.04							4		
Apr-18	2107	2120	40.0	13	21:07	96	41	29.93	29.84	29.89	0.04							4		
Apr-19	0600	1430	36.1	13	10:15	96	62	29.97	29.84	29.91	0.02							P		
Apr-20			96.2	21	17:35	99	32	30.05	29.89	29.97	0.06							5		
Apr-21	1405	1410	138.6	24	13:49	77	33	30.00	29.68	29.84	-0.13							N		
Apr-22			70.3	19	00:35	80	29	30.15	30.00	30.08	0.23								1	
Apr-23			57.8	13	18:48	90	28	30.23	30.07	30.15	0.07								3	
Apr-24			54.1	16	21:35	97	39	30.13	29.70	29.92	-0.23							3		
Apr-25			77.9	23	17:48	97	44	29.98	29.65	29.82	-0.10							P		
Apr-26			46.2	13	12:18	96	31	30.17	29.98	30.08	0.26							4		
Apr-27			122.5	24	18:32	79	34	30.12	29.95	30.04	-0.04							1		
Apr-28			131.8	22	17:18	77	39	30.01	29.86	29.94	-0.10							N		
Apr-29	0640	0650	123.8	25	15:48	92	46	29.90	29.61	29.76	-0.18							N		
Apr-30			107.2	29	20:21	93	26	29.95	29.61	29.78	0.03							P		
TOTAL NUMBER AVERAGE	Column 23		2306.6	558		2672	1163	901.94	895.39	898.67	DAYS	0	0	0	1	2	14	5		
	Mar. Wind Run		30	30	30	30	30	30	30	30	Normal	0.0	0.1	0.3	2.1	3.7	13.3	3.2		
	Total 2306.6		76.89	18.60	14:33	89.07	38.77	30.06	29.85	29.96	Depart.	0.0	-0.1	-0.3	-1.1	-1.7	0.7	1.8		
NORMALS	Miles	2300.9	76.7	21.5		88.0	40.5	30.11	29.88	29.99	Rating ▶	0	0	0	3	0	44	10		
DEPARTURES	Miles	5.7	0.2	-2.9		1.1	-1.8	-0.04	-0.03	-0.04	Intensity	GLAZE	SLEET	SNOW	FOG		Dew	Frost		
MAXIMUM DATES		Dates	144.6	29	North	100	63	30.51	30.28	30.40	0.30	GLAZE	SLEET	SNOW	FOG		Dew	Frost		
		1	Apr-08	Apr-30	20:21	Apr-10	Apr-09	Apr-03	Apr-03	Apr-03	Apr-13									
		2																		
		3																		
Min. Temps. >= 70°F		4			Ave. Max.															
2021 1		Dates	36.1	12	36.5	69	23	29.69	29.45	29.57	-0.30									
Ave. 0.2		1	Apr-19	Apr-17	Dep.	Apr-02	Apr-03	Apr-11	Apr-11	Apr-11	Apr-11									
Departure 0.8		2			-7.5	Apr-04														
Days Min. <=32 °F		4	MIN.	≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35	≤ 30	≤ 25	≤ 20	≤ 15				
Days Min >=70°F		1	Days	30	30	29	28	27	21	14	9	4	2	1	0	0				

[illegible]

Apr  
2021

## DAILY RECORDS FOR THE MONTH

The Glen Allen Station had 14 Records or Record Ties in April 2021

1	The daily precipitation on the 1st was 0.42 inches, a new 12 year HIGH daily precipitation record for the date - the old record was 0.35 inches in 2016.
2	The minimum temperature on the 2nd was 28.2&deg;F, a new 12-year LOW daily minimum temperature record for the date - the old record was 29&deg;F in 2013.
3	The maximum temperature on the 3rd was 56.8&deg;F, a new 12-year cold daily maximum temperature record for the date - the old record was 57&deg;F in 2013.
	The minimum temperature on the 3rd was 24.8&deg;F, a new 12-year LOW daily minimum temperature record for the date - the old record was 26&deg;F in 2013.
4	The daily temperature range on the 4th was 39&deg;F, a new 12-year HIGH daily temperature range record for the date - the old record was 34&deg;F in 2011.
5	
6	
7	The daily temperature range on the 7th was 36.8&deg;F, a new 12-year HIGH daily temperature range record for the date - the old record was 36&deg;F in 2013.
8	
9	
10	The daily precipitation on the 10th was 0.12 inches, a new 12-year HIGH daily precipitation record for the date - the old record was 0.03 inches in 2015.
11	The daily precipitation on the 11th was 0.05 inches, a new 12-year HIGH daily precipitation record for the date - the old record was 0.04 inches in 2009.
12	
13	
14	
15	
16	
17	
18	
19	The maximum temperature on the 19th was 61.9&deg;F, a new 12-year cool daily maximum temperature record for the date - the old record was 64.9&deg;F in 2017.
20	The daily temperature range on the 20th was 34.4&deg;F, a new 12-year HIGH daily temperature range record for the date - the old record was 32&deg;F in 2010.
21	
22	The minimum temperature on the 22nd was 31.8&deg;F, a new 12-year LOW daily minimum temperature record for the date - the old record was 35&deg;F in 2013.
23	The minimum temperature on the 23rd was 32.2&deg;F, a new 12-year LOW daily minimum temperature record for the date - the old record was 39&deg;F in 2015.
24	
25	
26	
27	The daily temperature range on the 27th was 35.9&deg;F, a new 12-year HIGH daily temperature range record for the date - the old record was 28.2&deg;F in 2019.
28	The maximum temperature on the 28th was 87.8&deg;F, a new 12-year daily HIGH maximum temperature record for the date - the old record was 86.3&deg;F in 2017.
29	
30	

# April 2021

## Springfield Park, Glen Allen - Henrico Co., VA

It was surprising that April was the second driest April on record with 2.08 inches of precipitation which was a departure of -1.37 inches. The driest April was 2010 with 1.94 inches. Measurable precipitation occurred on 11 days. The most precipitation to fall in a 24-hour period was only 0.63 inches which is the 2<sup>nd</sup> least in April in the past 12 years. The least precipitation in a calendar day this month was 0.46 inches which set a new min. record for the month of April.

The mean temperature of 58.6°F was a - 0.5°F departure from the April 12 year average. The average max. temp. was 71.9 which was a 1.1°F departure. The average min. was 45.3°F which was a -2.1°F departure. The clearer and drier April added to spreading the temp. departures and high average daily temp. range for April. The temperature range for April was 26.6°F which tied the high record for April. Freezing temperatures were recorded on 4 days of the month. **The 24.8°F min. temp. on the 3<sup>rd</sup> was the lowest min. temp. ever recorded at the Springfield Park station in April in the past 12-years.** This killed not only some annuals but also the new spring growth on the rose bushes, tea olive bush, and nandinas. On the other-hand, 69.5°F on the 29<sup>th</sup> was the second warmest night ever recorded at this station in April.

The cloud cover was below average and this was the 3<sup>rd</sup> clearest April in the past 12 years. The maximum temp. range was 39°F on April 4<sup>th</sup> and the minimum range was only 14.8°F on April 19<sup>th</sup>. The previous high min. temp. range for April was only 11.7°F in 2019.

## Richmond International Airport

The April precipitation total was only 1.34 inches, a departure of -1.93 inches. **This was the tenth driest April since 1887.** The greatest daily precipitation was only 0.49 inches on the 24<sup>th</sup> ;only 11 years since 1887 have had less.

April was the 37<sup>th</sup> warmest April since 1897 with a mean temperature of 58.9°F and a departure of 0.7°F above the average. Freezing temperatures were recorded on 2 days of the month. The average maximum temperature of 72°F was a departure of 1.7°F which was the 27<sup>th</sup> warmest since 1897. The average minimum temperature of 45.9°F with a departure of -0.2°F was the 53<sup>rd</sup> warmest since 1897. **The highest minimum for April was 69°F on the 29<sup>th</sup> which tied for the second highest minimum on record for April since 1897.** The highest on record was 73°F which also occurred on the 29<sup>th</sup> in 2017. The largest daily temp. range for April was 41°F on the 4<sup>th</sup> and the lowest daily range was only 14°F on the 19<sup>th</sup>. Only 8 Aprils since 1897 have had a higher daily minimum temp. range. The average daily temp. range was 26.1°F which was a departure of 2.3°F and was the 21<sup>st</sup> highest average daily temp. range on record.

The Airport had no new daily records or ties for April.

The Airport reported no snow in April. The last measurable snow for Richmond in April was one inch on April 7, 2007. The latest measurable snow for Richmond is 0.2 inches recorded on April 21, 1953. The 2.5 inches of snow in the Richmond records on April 28, 1898 is wrong as the snow melted as it fell. The melted precipitation was 0.25 inches and using the 10 to 1 ratio of snow to liquid they recorded 2.5 inches; it should have been recorded as a trace of snow. It is the latest known trace of snow recorded in Richmond.

# ACON - VA/NC/SC

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

April 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

A	AVERAGE MAXIMUM	71.87
B	AVERAGE MINIMUM	45.28
C	MEAN MONTHLY	58.58
C1	MEAN TEMP DEP.	-0.45
D	MAXIMUM	87.8
E	DATE(s) OF MAX.	Apr-28
F	MINIMUM	24.8
G	DATE(s) OF MIN.	Apr-03
H	# DAYS MAX. > = 90°	0
I	# MAX. < = 32°	0
J	MIN. < = 32°	4
K	MIN. < = 0°	0
K1	AVE RELATIVE HUMIDITY	63.9

### WIND MPH

L	MAX. GUST	29
M	DIRECT. OF GUST	North
N	DATE	Apr-30
	TIME	20:21

### NUMBER DAYS WITH -

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

### PRECIPITATION INCHES

T	MONTH TOTAL	2.08
U	CALENDAR DAY MAX.	0.46
U1	DATE OF MAX.	Apr-24
V	24-HR. PERIOD MAX.	0.63
V1	DATE(s) OF MAX. PD.	04-24
W	# DAYS > = 0.01"	11
X	# DAYS > = 1.00"	0
Y	YR. TO DATE TOT.	14.97
	MAX. 1 HR. PRECIP.	0.26
	MAX. 5 MIN PRECIP.	0.06

### SNOWFALL INCHES

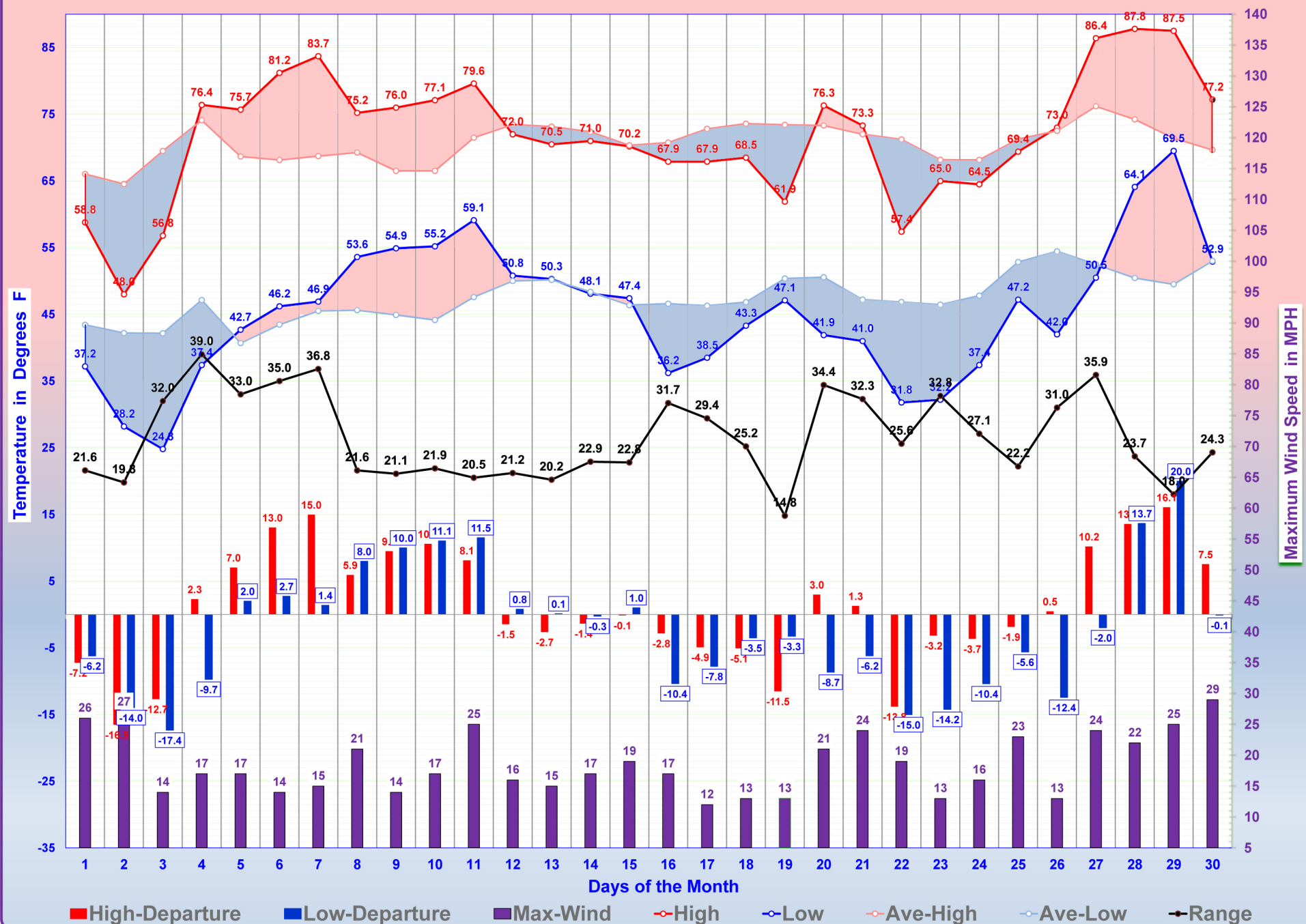
Z	DAILY MAXIMUM	0
1	DATE OF MAX.	
2	DAYS= > TRACE	0
3	DAYS > = 1.0"	0
4	MONTHLY TOTAL	0
5	2020 - 2021 SEASON'S TOT.	11.7

### BAROMETER

6	MAXIMUM	30.51
6A	DATE	Apr-03
7	MINIMUM	29.45
7A	DATE	Apr-11
8	AVE. MONTHLY PRESSURE	29.96
CWA	NWS COUNTY WARNING AREA	Henrico



# SPRINGFIELD PARK'S APRIL TEMPERATURE & WIND GRAPH



# The Richmond International Airport APRIL TEMPERATURE GRAPH

Temperature in Degrees F

