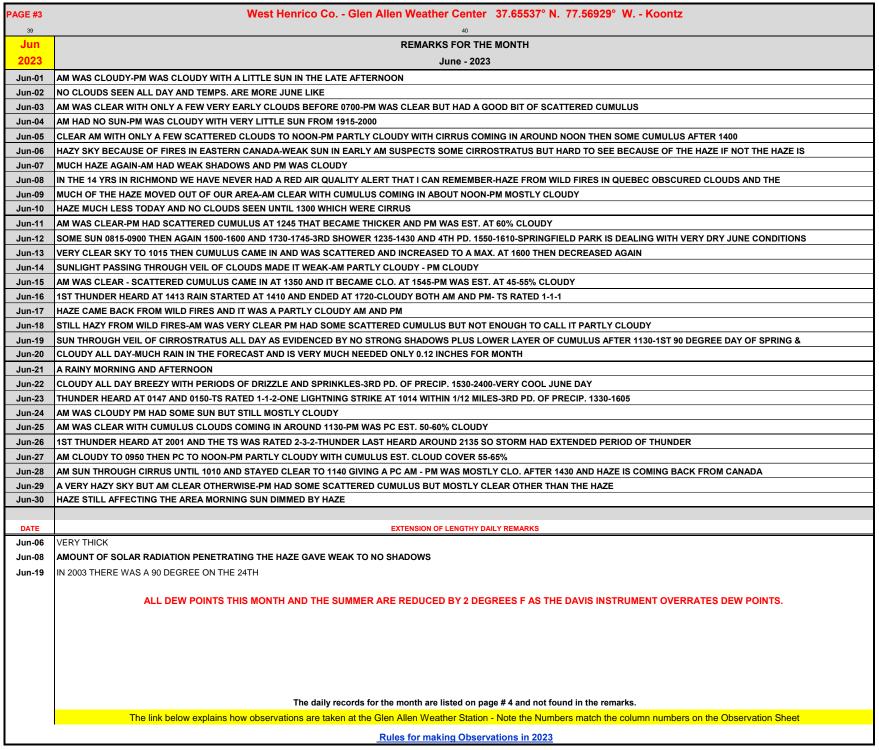
PAGE #1		Jun	2023	West He	nrico Co	Glen All	en Weat	her Cent	er 37.6	55537° N.	77.5692	29° W I	Koontz					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Jun	Week		TEMPERA	ATURE °F			TEMPERA	TURE °F		SI	Υ	P	RECIPITATION	ON	FROZ.	PRECIP.	1st PERIOD	
2023	Day	MAX.	Time	MIN.	Time	RANGE	MEAN	CHANGE	SOIL	AM	PM	Liquid	1 Hr.	5 Min.	NEW	GROUND	START END	
Jun-01	Thu	77.7	16:14	56.7	3:59	21.0	67.2	0.9	69	2	2							
Jun-02	Fri	86.9	16:33	57.7	6:12	29.2	72.3	5.1	67	0	0							
Jun-03	Sat	85.4	15:05	61.3	5:40	24.1	73.4	1.0	68	0	0							
Jun-04	Sun	69.8	15:04	54.7	23:53	15.1	62.3	-11.1	69	2	2							
Jun-05	Mon	79.0	17:24	51.8	4:47	27.2	65.4	3.2	68	0	1							
Jun-06	Tue	80.4	16:39	53.7	5:07	26.7	67.1	1.7	68	2	2							
Jun-07	Wed	79.1	13:22	60.9	23:59	18.2	70.0	2.9	68	2	2	Т	Т	Т			0450	0535
Jun-08	Thu	76.6	15:18	55.3	5:54	21.3	66.0	-4.1	68	2	2							
Jun-09	Fri	78.7	13:25	51.8	6:01	26.9	65.3	-0.7	68	0	2	Т	Т	Т			0140	0210
Jun-10	Sat	85.0	16:24	52.2	5:57	32.8	68.6	3.3	68	0	0							
Jun-11	Sun	88.0	15:01	60.4	6:03	27.6	74.2	5.6	69	0	1							
Jun-12	Mon	81.3	17:47	68.4	5:57	12.9	74.9	0.6	70	2	2	0.05	0.04	0.01			0130	0145
Jun-13	Tue	81.3	14:14	55.4	6:01	25.9	68.4	-6.5	69	0	1							
Jun-14	Wed	82.0	14:17	56.8	5:47	25.2	69.4	1.1	70	1	2							
Jun-15	Thu	84.6	16:29	56.5	6:08	28.1	70.6	1.1	69	0	1							
Jun-16	Fri	81.5	13:39	61.6	23:59	19.9	71.6	1.0	70	2	2	0.02	0.01	0.01			1410	1720
Jun-17	Sat	84.2	15:50	56.2	6:04	28.0	70.2	-1.3	69	0	1							
Jun-18	Sun	86.1	15:53	56.2	5:56	29.9	71.2	1.0	70	0	0							
Jun-19	Mon	88.4	15:46	64.2	6:07	24.2	76.3	5.2	70	2	2	0.03	0.03	0.01			1255	1310
Jun-20	Tue	77.9	11:59	69.0	5:56	8.9	73.5	-2.9	71	2	2	0.02	0.02	0.01			1130	1455
Jun-21	Wed	70.8	0:01	61.7	21:08	9.1	66.3	-7.2	70	2	2	0.80	0.21	0.03			0001	1205
Jun-22	Thu	70.6	23:53	62.0	0:01	8.6	66.3	0.0	68	2	2	0.25	0.14	0.02			0001	0930
Jun-23	Fri	80.6	12:49	69.5	23:57	11.1	75.1	8.8	68	2	2	0.60	0.24	0.11			0001	0630
Jun-24	Sat	86.2	15:27	67.2	6:04	19.0	76.7	1.7	70	2	2	Т	Т	Т			1930	2000
Jun-25	Sun	89.5	17:05	65.8	6:00	23.7	77.7	1.0	71	0	1	Т	Т	Т			1255	1310
Jun-26	Mon	89.6	15:39	65.7	20:27	23.9	77.7	0.0	72	2	1	0.59	0.38	0.17			2008	2400
Jun-27	Tue	86.2	14:42	64.2	5:43	22.0	75.2	-2.5	73	2	1	0.09	0.10	0.04			0001	0050
Jun-28	Wed	84.5	17:01	64.8	5:40	19.7	74.7	-0.5	73	1	2							
Jun-29	Thu	84.8	16:32	60.3	5:54	24.5	72.6	-2.1	73	0	0							
Jun-30	Fri	89.0	15:57	67.6	6:06	21.4	78.3	5.8	73	2	2							
TOTAL		2466		1810		656.1	2137.7	12.0	2089	34	42	2.45	1.17	0.41	0.0	0.0		.26-27
NUMBER		30	30	30	30	30	30	30	30	30	30	9	9	9	0	0		AVE RH
AVERAGE		82.19	15:10	60.32	9:00	21.87	71.26		69.63	1.13	1.40	Ave. Tot.	Ave.Max	Ave.Max			74.7	Percent
NORMALS		86.19		65.59		20.61	75.99		74.73	0.94	1.10	4.77	1.29	0.35	0.0	0.0	72.1	Percent
DEPARTUR		-4.00		-5.27		1.26	-4.74	0.0	-5.10	0.19	0.30	-2.32	-0.91	-0.18			2.6	Percent
MaxTemps		89.6	Ave.HighMax	69.5	Ave.High Min	32.8	78.3	8.8	73.0	Whol	_	0.80	0.38	0.17			Precip	24 Hr.
2023		Jun-26	96.0	Jun-23	74.0	Jun-10	Jun-30	Jun-23	Jun-27		1.27	Jun-21	Jun-26	Jun-26			Amount	0.80
Ave.			Dep.		Dep.					Normal	1.02						Date	Jun-21
Departure		60.0	-6.4	E4 0	-4.5	0.0	60.0	44.4		Depart.	0.24	D14	> 0.40	INCLIES	> 4.00	INCUES	Date	INCLIES
Min. Temp		69.8	Ave.LowMax	51.8	Ave.LowMin	8.6	62.3	-11.1	67.0	SKY	AM	PM	4		≥ 1.00	INCHES	≥ 2.00	INCHES
2023		Jun-04	71.5	Jun-05	53.6	Jun-22	Jun-04	Jun-04		CLEAR	12	5	4	DAYS	0	DAYS	0	DAYS
Ave.			Dep.	Jun-09	Dep.					PT.CLO.	2 16	8 17	HOTTEST	78.3	Highest			62.25
Departure Dave May		•	-1.7	BA A V	-1.8	> 00	> 0.5	> 00		CLOUDY	16	17	DAY	6-30	Mean	Mean	DAY	6-04
Days Max.	<=32 °F	0		MAX.	≥ 95	≥ 90	≥ 85	≥ 80	≥ 75	≥ 70	≥ 65	≥ 60	≥ 55	≥ 50	≥ 45	≥ 40		
Days Max.	>=90°F	2		DAYS	0	2	14	21	27	30	30	30	30	30	30	30		

PAGE #2	Jun	2023	West He	nrico Co.	Glen Al	llen Weat	ther Cen	ter 37.6	5537° N.	77.5692	9° W K	oontz						
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Jun	2nd P	ERIOD		WIND		REL. HU	IMIDITY		BAROMETRI	C PRESSU	RE					K		
2023	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG	1/	DEW	FROST
Jun-01			58.8	15	9:21	96	71	30.13	30.01	30.07	-0.08						3	
Jun-02			38.1	14	11:16	99	39	30.02	29.85	29.94	-0.13						4	
Jun-03			70.1	18	21:30	94	49	30.01	29.88	29.95	0.01						3	
Jun-04			52.7	16	1:00	96	64	30.07	29.97	30.02	0.07						N	
Jun-05			37.9	13	15:39	99	42	29.99	29.89	29.94	-0.08						5	
Jun-06			32.4	12	12:11	96	40	29.92	29.72	29.82	-0.12						3	
Jun-07			38.6	12	5:04	85	46	29.75	29.65	29.70	-0.12						Р	
Jun-08			45.0	15	14:25	98	38	29.82	29.65	29.74	0.04						3	
Jun-09			25.3	13	14:37	92	40	29.87	29.80	29.84	0.10				1		Р	
Jun-10			40.4	13	14:53	97	35	29.92	29.84	29.88	0.05						3	
Jun-11			106.7	23	16:26	83	38	29.92	29.78	29.85	-0.03						1	
Jun-12	1040	1050	99.8	19	10:52	93	67	29.78	29.63	29.71	-0.15						Р	
Jun-13			55.8	20	16:42	97	44	29.85	29.72	29.79	0.08						3	
Jun-14			81.3	22	13:37	89	48	29.73	29.62	29.68	-0.11						2	
Jun-15			37.3	17	13:38	96	42	29.77	29.68	29.73	0.05						3	
Jun-16			41.2	22	20:16	95	62	29.76	29.60	29.68	-0.05					1	2	
Jun-17			44.8	16	12:07	98	43	29.91	29.76	29.84	0.16						Р	
Jun-18			38.2	14	13:10	89	38	29.97	29.89	29.93	0.09						2	
Jun-19			65.3	17	14:03	95	55	30.00	29.92	29.96	0.03						3	
Jun-20	2320	2400	80.3	16	13:18	93	73	30.07	29.98	30.03	0.06						N	
Jun-21	1300	2400	177.5	29	11:14	98	83	30.07	30.00	30.04	0.01						Р	
Jun-22	1215	1230	91.1	16	15:48	99	94	30.07	29.95	30.01	-0.03						Р	
Jun-23			45.3	10	10:00	99	83	29.97	29.88	29.93	-0.09					1	Р	
Jun-24			29.1	18	18:50	99	62	29.91	29.83	29.87	-0.05				2		4	
Jun-25			10.2	11	15:56	99	56	29.92	29.79	29.86	-0.01						5	
Jun-26			97.8	26	20:06	96	54	29.80	29.64	29.72	-0.14					1	N	
Jun-27			48.9	18	15:03	99	55	29.82	29.66	29.74	0.02						Р	
Jun-28			30.1	12	17:13	93	54	30.02	29.82	29.92	0.18						1	
Jun-29			26.3	10	8:55	97	53	30.10	30.01	30.06	0.13						3	
Jun-30			68.5	15	18:57	93	59	30.08	29.97	30.03	-0.03						2	
TOTAL	Colur		1714.8	492		2852	1627	898.02	894.39	896.21	DAYS	0	0	0	2	3	19	0
NUMBER	Mar. Wi		30	30	30	30	30	30	30	30	Normal	0.0	0.0	0.0	1.6	6.2	18.1	0.0
AVERAGE	Total	1714.8	57.16	16.40	13:52	95.1	54.2	29.93	29.81	29.87	Depart.	0.0	0.0	0.0	0.4	-3.2	0.9	0.0
NORMALS	Miles	1660.3	53.0	17.8		93.5	50.3	30.03	29.89	29.96	Rating ►	0	0	0	3	3	55	0
DEPARTURES	Miles	54.5	4.1	-1.4	Manth	1.5	3.9	-0.10	-0.08	-0.09	Intensity	- Z	بيا	×	စ္	∇	>	st
	MAXIMUM		177.5	29	North	99	94	30.13	30.01	30.07	0.18	GLAZ	SLEET	SNOW	F0G	1/	Dew	Fros
	DATES		Jun-21	Jun-21	11:14	Jun-02	Jun-22	Jun-01	Jun-01	Jun-01	Jun-28					N. News N	Daw Oba	
		2				Jun-05						5. Very Hea				N- None No		
Min Town	- 70°F	3			A	Jun-22						4. Heavy-Ur				P- Precip. p	revent obs	•
Min. Temps. 3		4 Dates	10.2	10	Ave. Max.	Jun-23	35	29.73	29.60	20.60	0.45	 Moderate Light - >= 						
	0	Dates	10.2		33.2	83				29.68	-0.15	_						
Ave.	8.6 -8.6	1 2	Jun-25	Jun-23	Dep.	Jun-11	Jun-10	Jun-14	Jun-16	Jun-14	Jun-12	1. Very Ligh	_					
Departure Days Min. <		0	≤ 75	Jun-29 ≤ 70	-4.2 ≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35	w - Event v	vith intensit	y missing				
Days Min >	=70°F	0	30	30	22	13	4	0	0	0	0							



Page 4	West Henrico Co Glen Allen Weather Center 37.65537° N. 77.56929° W Koontz
41	DAILY RECORDS FOR THE MONTH
Jun	
2023	The Glen Allen Station had 12 Records or Record Ties in June 2023
1	
2	
3	
4	
5	The minimum temperature on the 5th was 51.8°F, a new 14-year LOW daily minimum temperature record for the date - the old record was 53°F in 2012.
6	
7	
8	
9	
10	The daily temperature range on the 10th was 32.8°F, a new 14-year HIGH daily temperature range record for the date - the old record was 30.5°F in 2017.
	The minimum temperature on the 10th was 52.2°F, a new 14-year LOW daily minimum temperature record for the date - the old record was 55.8°F in 2022.
11	The daily temperature range on the 11th was 27.6°F, a new 14-year HIGH daily temperature range record for the date - the old record was 27.4°F in 2016.
12	
13	The minimum temperature on the 13th was 55.4°F, a new 14-year LOW daily minimum temperature record for the date - the old record was 61°F in 2019.
14	The daily temperature range on the 14th was 25.2°F, a new 14-year HIGH daily temperature range record for the date - the old record was 24.9°F in 2019.
15	
16	
17	The daily temperature range on the 17th was 28°F, a new 14-year HIGH daily temperature range record for the date - the old record was 25°F in 2014 and 2012.
18	
19	
20	The daily temperature range on the 20th was 8.9 °F, a new 14-year LOW daily temperature range record for the date - the old record was 11°F in 2011.
21	The daily temperature range on the 21st was 9.1 °F, a new 14-year LOW daily temperature range record for the date - the old record was 15°F in 2014.
	The maximum temperature on the 21st was 70.8°F, a new 14-year cool daily maximum temperature record for the date - the old record was 84°F in 2013.
22	The maximum temperature on the 22nd was 69.4°F, a new 14-year cool daily maximum temperature record for the date - the old record was 78°F in 2014.
—	The daily temperature range on the 22nd was 7.4 °F, a new 14-year LOW daily temperature range record for the date - the old record was 12°F in 2018.
23	
24	
25 26	
27	
28	
29	
30	

June 2023 Springfield Park, Glen Allen, VA

Looking at the two graphs for the Airport and Springfield Park both show an abundance of below average temperatures particularly the 20th to the 23rd.

The 2.45 inches of rain is a departure of -2.32 inches and June was the 3rd driest June on record based on a 14-year average with 9 days of measurable precipitation.

The mean temperature for June was 71.3 F with a -4.7 F departure and was the coolest June on record in the past 14 years. The highest temperature for the month was 89.6 on the 26th and there were 2 days rounded up to equal to 90 F or greater which was a -6.4-day departure. There were only 0 days the minimum temperature was equal to or greater than 70°F and the average is 8.6 days. The average min. temp. of 60.3 F was the lowest on record for June. The highest min. for June was 69.5 F on the 23rd which set a new low record for June. The maximum average temperature for June was 82.19 F a -4.0 F departure. Springfield Park had 12 new daily records for the 14 years of records mainly for high temp. range records. The highest daily temperature range in June was 32.8 F on June 10th which is a new maximum record for the date. The minimum daily temp. range for June was only 8.6 F on June 22nd which was a new record low for the date; the previous record was 12 F in 2018. The daily ave. temp. range for June was 21.9 F which was the 4th highest on record for June. The hottest day with the highest daily mean was 78.3 F on the 30th which was the lowest on record for June.

June's highest wind gust was 29 mph on the 21st. Springfield Park had no strong electrical thunderstorms. The highest barometric pressure was 30.13 inches of mercury on the 1st, and the lowest pressure for June was 29.60 inches of mercury on the 16th. The average cloud cover for this June was the highest on record. Much haze this month from wild fires in Canada obscured the sky. The cloudiness is greater in June in part as cloudiness was used instead of "obscured by haze and smoke".

Richmond International Airport June 2023

The Richmond International Airport had 3.64 inches of precipitation for June which was a -1.00-inch departure, making it the 63rd driest June on record since 1887. There were 12 days with measurable precip. The Airport had 1.19 inches more than Springfield Park in West Henrico.

The Airport's mean temperature for June of 72.3 F was a -2.7 F departure from ave. and the 24th coolest June since 1897. The lowest mean on record since 1897 for June is 68.4 in 1907. The Airport's maximum temperature average for June was 82.9 F, a -2.7 F departure and is the 28th lowest average since 1897. The Airport's highest maximum temperature for June was 90 F on the 19th and 26th. Only 3 years since 1897 have had a lower maximum temp. for June than 90 F and they were 1916, 1919, and 1972 with 89 F. The lowest maximum temperature for June was 69 F on the rainy day of the 21st. The min. temp. average for June was 61.7 F, a -2.8 F departure. The Airport had 0 days the minimum temperature was greater than or equal to 70 F for the month. The daily high mean temperature (hottest day) for June was 78.5 F on the 26th and the record is 77 F set in 1916. The daily lowest mean temperature (coolest day) for June was 63.5 F on the 4th. The max temperature range for June was 31 F on the 10th and the lowest was 5 F on the 21st. The average daily temperature range was 21.2 F, a -0.1 F departure.

The Airport had 1 daily records in June.

June 22nd 9 F low temp range was the lowest on record for the date; the previous record was 10 F set in 2000.

ACON - VA/NC/SC

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

June 2023

Station summary of Climatological Data

Acon Station ID: West Henrico - Glen Allen, VA. Observer: Lowell L. Koontz

Observation Times: Temps Recorded 2400 Precipitation Recorded 2400

	TEMPERATURE °F		,	PRECIPITATION INCHES	
Α	MEAN MAXIMUM	82.19	Т	MONTH TOTAL	2.45
В	MEAN MINIMUM	60.32	U	CALENDAR DAY MAX.	0.80
С	MEAN MONTHLY	71.26	U1	DATE OF MAX.	Jun-21
C1	MEAN TEMP DEP.	-4.74	V	24-HR. PERIOD MAX.	0.80
D	MAXIMUM	90	V1	DATE(s) OF MAX. PD.	Jun-21
E	DATE(s) OF MAX.	Jun-26	w	# DAYS > = 0.01"	9
F	MINIMUM	51.8	х	# DAYS > = 1.00"	0
G	DATE(s) OF MIN.	5 th	Υ	YR. TO DATE TOT.	16.19
н	# DAYS MAX. > = 90°	2		MAX. 1 HR. PRECIP.	0.38
1	# MIN. >= 70 °F	0		MAX. 5 MIN PRECIP.	0.17
J	MIN. < = 32°	0		SNOWFALL INCHES	
K	MIN. < = 0°	0	z	DAILY MAXIMUM	0
K1	AVE RELATIVE HUMIDITY	74.7	1	DATE OF MAX.	
	WIND MPH		2	DAYS= > TRACE	0
L	MAX. GUST	29	3	DAYS > = 1.0"	0
M	DIRECT. OF GUST	North	4	MONTHLY TOTAL	0.00
N	DATE	Jun-21	5	2022-2023	0.4
	TIME	11:14		BAROMETER	
	NUMBER DAYS WITH -		6	MAXIMUM	30.13
0	THUNDER	3	6A	DATE	Jun-01
Р	HAIL	0	7	MINIMUM	29.60
Q	GLAZE	0	7A	DATE	Jun-16
R	ICE PELLETS (SLEET)	0	8	AVE. MONTHLY PRESSURE	29.87

0

R1 DENSE FOG < = 1/4 MILE

CWA NWS COUNTY WARNING AREA

Henrico

