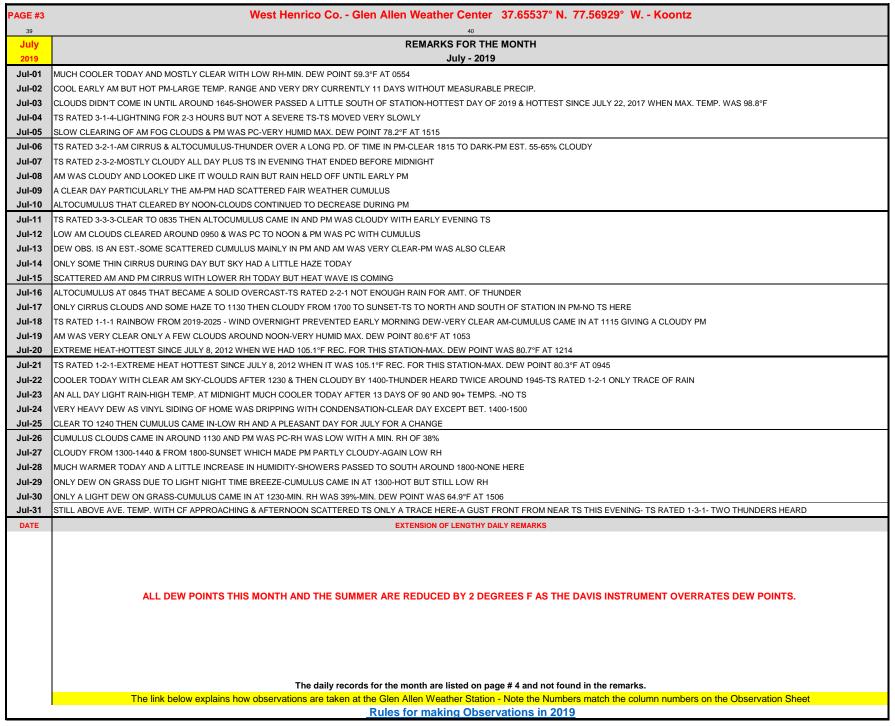
PAGE #1	July	2019	West He	nrico Co	Glen All	en Weat	her Cent	er 37.6	5537° N.	77.5692	9° W K	oontz					
1 2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
July Week		TEMPERA	TURE °F			TEMPERA	TURE °F		S	KY	PRECIPITATION			FROZ.	PRECIP.	1st PERIOD	
2019 Day	MAX.	Time	MIN.	Time	RANGE	MEAN	CHANGE	SOIL	AM	PM	Liquid	1 Hr.	5 Min.	NEW	GROUND	START	END
July-01 Mon	87.6	17:08	65.5	6:10	22.1	76.6	-5.4	78	0	0							
July-02 Tue	94.7	16:31	64.8	6:16	29.9	79.8	3.2	77	0	0							
July-03 Wed	97.5	16:23	71.3	5:52	26.2	84.4	4.7	78	0	1	Т	Т	Т			1830	1840
July-04 Thu	93.7	12:07	73.4	23:50	20.3	83.6	-0.8	79	1	2	1.05	0.82	0.18			1325	1330
July-05 Fri	91.3	16:14	72.3	4:27	19	81.8	-1.8	78	2	1							
July-06 Sat	89.3	15:20	74.5	6:01	14.8	81.9	0.1	79	2	1	0.01	0.01	Т			1410	1505
July-07 Sun	91.0	15:37	74.2	5:02	16.8	82.6	0.7	80	2	2	0.34	0.20	0.02			1835	2330
July-08 Mon	87.3	12:58	71.9	23:58	15.4	79.6	-3.0	79	2	2	0.06	0.06	0.03			1325	1350
July-09 Tue	87.0	17:37	65.4	6:15	21.6	76.2	-3.4	79	0	0							
July-10 Wed	89.7	15:30	68.2	5:30	21.5	79.0	2.8	79	2	0							
July-11 Thu	92.2	16:30	73.3	20:30	18.9	82.8	3.8	80	1	2	0.62	0.50	0.20			1730	2125
July-12 Fri	93.1	17:00	72.5	1:30	20.6	82.8	0.0	80	1	1	Т	Т	Т			2230	2240
July-13 Sat	92.5	16:57	71.9	6:30	20.6	82.2	-0.6	80	0	0							
July-14 Sun	96.0	16:09	70.9	6:22	25.1	83.5	1.3	80	0	0							
July-15 Mon	93.8	16:02	72.8	6:32	21	83.3	-0.2	81	0	0							
July-16 Tue	96.7	16:31	72.8	6:11	23.9	84.8	1.5	81	2	2	0.04	0.04	0.01			1825	1940
July-17 Wed	97.1	14:46	75.9	5:45	21.2	86.5	1.8	81	0	1							
July-18 Thu	96.1	15:50	76.8	6:21	19.3	86.5	-0.1	81	0	2	0.07	0.07	0.04			1725	1810
July-19 Fri	96.8	13:37	74.6	6:18	22.2	85.7	-0.8	81	0	0							
July-20 Sat	100.0	16:04	78.0	6:28	22	89.0	3.3	82	0	0							
July-21 Sun	102.3	15:24	77.0	6:07	25.3	89.7	0.7	82	0	2	Т	Т	Т			1745	1750
July-22 Mon	96.0	13:24	74.2	5:49	21.8	85.1	-4.6	82	0	2	Т	Т	Т			1950	1955
July-23 Tue	78.9	0:01	65.9	22:50	13	72.4	-12.7	82	2	2	0.49	0.12	0.02			0001	0105
July-24 Wed	85.9	16:51	64.5	6:38	21.4	75.2	2.8	78	0	0							
July-25 Thu	87.3	16:40	62.5	6:35	24.8	74.9	-0.3	78	0	1							
July-26 Fri	89.5	16:30	64.4	6:24	25.1	77.0	2.1	78	0	1							
July-27 Sat	91.6	16:29	65.3	6:26	26.3	78.5	1.5	78	0	1							
July-28 Sun	94.9	16:59	68.0	6:16	26.9	81.5	3.0	78	0	1							
July-29 Mon	95.5	15:06	71.4	5:12	24.1	83.5	2.0	78	0	1							
July-30 Tue	96.3	16:06	72.1	6:22	24.2	84.2	0.7	79	0	1							
July-31 Wed	94.7	16:22	69.1	6:26	25.6	81.9	-2.3	79	1	1	Т	Т	Т			1835	1915
TOTAL	2876		2195		680.9	2536	0.0	2465	18	30	2.68	1.82	0.50	0.00	0.00	Col	.26-27
NUMBER	31	31	31	31	31	31	31	31	31	31	8	8	7	0	0	DAILY	AVE RH
AVERAGE	92.78	15:18	70.82	8:05	21.96	81.80		79.52	0.58	0.97	Ave. Tot.	Ave. Max	Ave. Max			72.4	Percent
NORMALS	89.87		69.95		20.15	79.86		78.9	0.97	1.10	4.39	0.84	0.28			70.3	Percent
DEPARTURES	2.91		0.87		1.82	1.94		0.6	-0.39	-0.13	-1.71	-0.02	-0.08			2.1	Percent
Max. Temps. >= 90°F	102.3	Ave.High Max	78.0	Ave.High Min	29.9	89.7	4.7	82.0	Who	le Day	1.05	0.82	0.20			Precip.	24 Hr.
2019 24	Jul-21	98.7	Jul-20	77.2	Jul-02	Jul-21	Jul-03	Jul-20	AVE.	0.77	Jul-04	Jul-04	Jul-11			Amount	1.05
Ave. 16.7		Dep.		Dep.				Jul-21	Normal	1.03						Date	Jul 04
Departure 7.3 Min. Temps. >= 70°F	78.9	3.6 Ave.Low Max	62.5	0.8 Ave.Low Min	13	72.4	-12.7	Jul-22 77.0	Depart. SKY	-0.26 AM	PM	>= 0.10	INCHES	>= 1.00	INCHES	Date >= 2.00	INCHES
2019 20	78.9 Jul-23	Ave.Low Max 77.7	62.5 Jul-25	Ave.Low Min 59.6	13 Jul-23	72.4 Jul-23	-12.7 Jul-23	77.0 Jul-02	CLEAR	20	10	>= 0.10 4	DAYS	>= 1.00	DAYS	>= 2.00	DAYS
Ave. 18.5	Jul-23	Dep.	041-20	Dep.	0ui-20	our-25	our-25	Oui-UZ	PT. CLO.	4	12	HOTTEST	89.7	Highest	Lowest	COOLEST	72.4
Departure 1.5		1.2		2.9					CLOUDY	7	9	DAY	7-21	Mean	Mean	DAY	7-23
Days Max. <=32 °F	0			MAX.	>=100	>=95	>=90	>=85	>=80	>=75	>=70	>=65	>=60	>=55	>=50	>=45	>=40
Days Max. >=90°F	24			DAYS	2	14	24	30	30	31	31	31	31	31	31	31	31

PAGE #2	July 2019 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
July	2nd PE	RIOD	WIND		REL. HUMI		IMIDITY	MIDITY		BAROMETRIC PRESSURE						K		
2019	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG	1/	DEW	FROST
Jul-01			54.8	13	9:16	84	42	30.01	29.89	29.95	0.04						2	
Jul-02			43.4	12	9:47	94	47	29.97	29.83	29.90	-0.05						3	
Jul-03			40.3	19	18:48	93	46	29.96	29.84	29.90	0.00						3	
Jul-04	1455	2125	36.3	15	16:24	95	56	30.09	29.93	30.01	0.11					3	1	
Jul-05			38.5	11	14:38	98	63	30.14	30.03	30.09	0.08				2		Р	
Jul-06	1630	1640	71.9	20	13:34	95	72	30.07	29.88	29.98	-0.11					3	3	
Jul-07			41.5	21	18:04	95	65	29.93	29.82	29.88	-0.10					2	Р	
Jul-08			54.3	19	13:30	97	74	30.01	29.83	29.92	0.05						Р	
Jul-09			51.5	12	15:07	96	57	30.11	30.01	30.06	0.14						Р	
Jul-10			46.5	11	14:30	89	48	30.10	29.99	30.05	-0.02						N	
Jul-11			74.5	30	19:00	96	65	30.11	29.80	29.96	-0.09					3	3	
Jul-12			44.5	15	18:30	97	58	29.91	29.81	29.86	-0.09						Р	
Jul-13			36.3	13	14:56	95	49	30.03	29.90	29.97	0.11						2	
Jul-14			29.7	12	14:18	95	49	30.06	29.97	30.02	0.05						4	
Jul-15			49.3	11	10:50	88	49	30.12	30.02	30.07	0.05						1	
Jul-16	2345	2350	35.0	16	18:21	92	54	30.10	30.00	30.05	-0.02					2	3	
Jul-17			86.6	22	15:55	92	49	30.05	29.89	29.97	-0.08						Р	
Jul-18			76.1	16	14:54	92	55	29.93	29.84	29.89	-0.09					1	N	
Jul-19			36.5	11	16:31	95	55	29.98	29.89	29.94	0.05						Р	
Jul-20			63.2	17	17:50	92	46	29.97	29.86	29.92	-0.02						3	
Jul-21			53.4	22	16:32	90	42	29.93	29.88	29.91	-0.01					1	2	
Jul-22	2100	2310	107.1	27	13:26	92	52	29.91	29.80	29.86	-0.05					1	3	
Jul-23	0400	1740	45.1	15	0:10	97	79	29.95	29.81	29.88	0.02						Р	
Jul-24			59.8	15	16:08	98	49	30.05	29.88	29.97	0.09						5	
Jul-25			46.0	14	12:53	95	46	30.19	30.04	30.12	0.15						4	
Jul-26			40.4	12	15:16	95	38	30.28	30.19	30.24	0.12						4	
Jul-27			40.5	12	19:17	94	39	30.31	30.17	30.24	0.01						3	
Jul-28			60.0	12	9:36	89	42	30.21	30.06	30.14	-0.11						2	
Jul-29			78.7	21	16:48	83	43	30.10	29.98	30.04	-0.09						1	
Jul-30			91.3	16	17:50	82	39	30.05	29.94	30.00	-0.04						1	
Jul-31	2015	2020	48.2	23	18:03	92	42	30.09	29.97	30.03	0.04					1	3	
TOTAL	Colum	nn 23	1681.2	505		2877	1610	931.72	927.75	929.74	TOTAL	0	0	0	1	9	21	0
NUMBER	Mar. Wii	nd Run	31	31	31	31	31	31	31	31	Normal	0.0	0.0	0.0	1.7	6.9	17.8	0.0
AVE.	Total	1681.2	54.2	16.3	14:51	92.81	51.94	30.06	29.93	29.99	Depart.	0.0	0.0	0.0	-0.7	2.1	3.2	0.0
NORMALS	Miles	1304.1	60.6	18.9		92.6	47.7	30.03	29.92	29.98	Rating ▶	0	0	0	2	17	56	0
Departures	Miles	377.1	-6.3	-2.6		0.2	4.2	0.02	0.01	0.01	Intensity	ZE	ь		ø			st
	MAXIMUM	Dates	107.1	30	NNW	98	79	30.31	30.19	30.24	0.15	GLAZ	SLEE	SNOW	Š.	K	Dew	Fros
	DATES	1	Jul-22	Jul-11	19:00	Jul-05	Jul-23	Jul-27	Jul-26	Jul-27	Jul-25	_					_	_
		2				Jul-24						-	avy to Extr	eme				
Min Town	- 70°F	3			Ave Man							4. Heavy-Unusual 3. Moderate - Ave.						
Min. Temps. 2019		4 Dates	29.7	11	Ave. Max. 28.4	82	38	29.91	29.80	29.86	-0.11	3. Moderate - Ave. 2. Light - < Ave.						
Ave.		1	29.7 Jul-14	Jul-05	28.4 Dep.	62 Jul-30	Jul-26	29.91 Jul-12	Jul-11	29.86 Jul-22	-0.11 Jul-06	_	: Ave. ht - Slight -	Trace				
Departure	1.5	2	Jul-14	Jul-10	1.6	0ui-30	0ui-20	Jul-12 Jul-22	Jul-22	Jui-22	Jul-00		with intensi					
Days Min.		0	≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35		o Dew Obs.					
Days Min		20	26	11	3	0	0	0	0	0	0		. prevent ob					
								-	-		- i	госар	,	•				



Page 4	West Henrico Co Glen Allen Weather Center 37.65537° N. 77.56929° W Koontz
41	DAILY RECORDS FOR THE MONTH
July	The Clay Allay Station had 40. Decayde as Decayd Tipe in July 2040
2019	The Glen Allen Station had 19 Records or Record Ties in July 2019
1	
2	
3	71
4	The minimum temperature on the 4th was 73.5°F, a new 11-year warm daily minimum temperature record for the date - the old record was 73.3°F in 2018.
5	
6 7	The delity precipitation on the 7th was 0.24 inches a new 44 year UICH delity precipitation record for the data. The old record was 0.40 inches in 2009
8	The daily precipitation on the 7th was 0.34 inches, a new 11-year HIGH daily precipitation record for the date - the old record was 0.10 inches in 2008.
9	
10	
11	The daily precipitation on the 11th was 0.62 inches, a new 11-year HIGH daily precipitation record for the date - the old record was 0.44 inches in 2015.
12	The daily precipitation on the 11th was 0.02 inches, a new 11-year from daily precipitation record for the date - the old record was 0.44 inches in 2015.
13	
14	
15	
16	
17	The minimum temperature on the 17th was 75.9°F, a new 11-year warm daily minimum temperature record for the date - the old record was 74°F in 2010 and 2009.
18	The minimum temperature on the 18th was 76.8°F, a new 11-year warm daily minimum temperature record for the date - the old record was 75°F in 2012.
19	The maximum temperature on the 19th was 96.8°F, a new 11-year daily HIGH maximum temperature record for the date - the old record was 96.4°F in 2017.
20	The minimum temperature on the 20th was 78°F, a new 11-year warm daily minimum temperature record for the date - the old record was 77°F in 2013.
	The maximum temperature on the 20th was 100°F, a new 11-year daily HIGH maximum temperature record for the date - the old record was 98°F in 2008.
	Remark- The maximum temperature of 100.0°F on the 20th was the highest since July 8, 2012 when it was 105.1°F.
21	The minimum temperature on the 21st was 77°F, a new 11-year warm daily minimum temperature record for the date - the old record was 76°F in 2011.
	The maximum temperature on the 21st was 701, a new 11-year daily HIGH maximum temperature record for the date - the old record was 99°F in 2011.
-	The daily temperature range on the 21st was 25.6°F, a new 11-year HIGH daily temperature range record for the date - the old record was 35°F in 2017.
22	The daily temperature range on the 21st was 25to 1; a new 11 year their daily temperature range record in daily temperature range
23	The maximum temperature on the 23rd was 78.9°F, a new 11-year cool daily maximum temperature record for the date - the old record was 83°F in 2018.
24	The minimum temperature on the 24th was 64.5°F, a new 11-year LOW daily minimum temperature record for the date - the old record was 65.7°F in 2015.
25	
26	The daily temperature range on the 26th was 25.1°F, a new 11-year HIGH daily temperature range record for the date - the old record was 25°F in 2013 and 2012.
27	The daily temperature range on the 27th was 26.3°F, a new 11-year HIGH daily temperature range record for the date - the old record was 25°F in 2012.
	The minimum temperature on the 27th was 65.3°F, a new 11-year LOW daily minimum temperature record for the date - the old record was 67°F in 2013.
28	The daily temperature range on the 28th was 26.9°F, a new 11-year HIGH daily temperature range record for the date - the old record was 25°F in 2012.
29	
30	The maximum temperature on the 30th was 96.3°F, a new 11-year daily HIGH maximum temperature record for the date - the old record was 96°F in 2008.
31	The maximum temperature on the 31st was 94.7°F, a new 11-year daily HIGH maximum temperature record for the date - the old record was 91°F in 2008.

