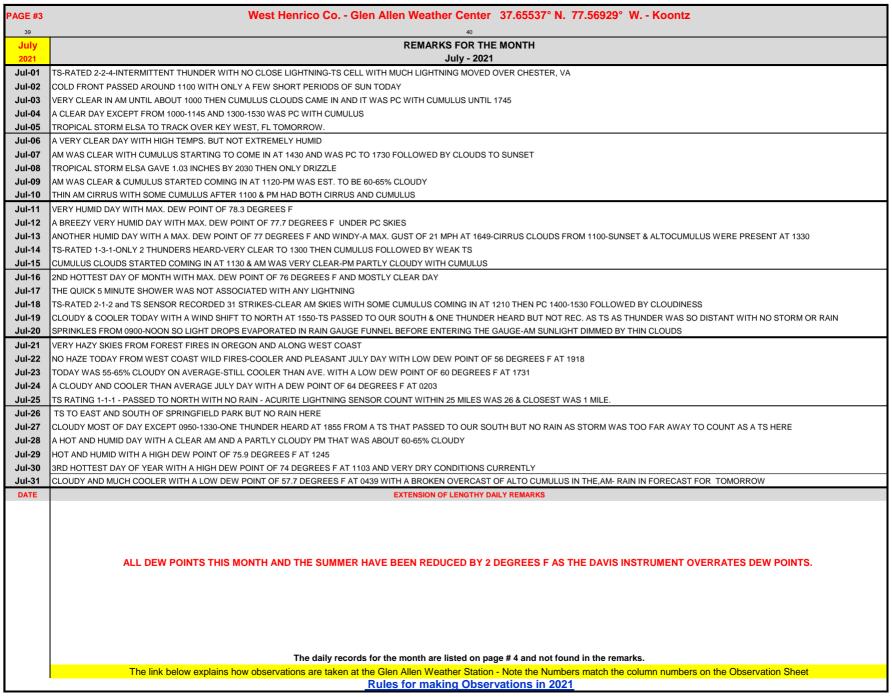
PAGE #1		July	2021	West Her	nrico Co	Glen All	en Weat	her Cent	er 37.6	5537° N.	77.5692	9° W K	Coontz						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
July	Week		TEMPERA	TURE °F			TEMPERA	TURE °F		s	KY	PRECIPITA		ON	FROZ.	PRECIP.	1st F	1st PERIOD	
2021	Day	MAX.	Time	MIN.	Time	RANGE	MEAN	CHANGE	SOIL	AM	PM	Liquid	1 Hr.	5 Min.	NEW	GROUND	START	END	
July-01	Thu	96.3	14:02	70.9	23:37	25.4	83.6	-1.1	78	1	2	1.06	0.41	0.16			1700	2400	
July-02	Fri	81.0	17:36	66.2	23:57	14.8	73.6	-10.0	77	2	2	1.07	0.46	0.14			0001	1050	
July-03	Sat	81.9	17:01	56.3	5:53	25.6	69.1	-4.5	76	0	1								
July-04	Sun	86.3	17:06	59.3	5:42	27.0	72.8	3.7	76	0	0								
July-05	Mon	89.6	15:53	69.0	6:47	20.6	79.3	6.5	76	1	1								
July-06	Tue	93.7	14:49	69.5	6:12	24.2	81.6	2.3	77	0	0								
July-07	Wed	93.6	16:16	73.2	6:12	20.4	83.4	1.8	78	0	1								
July-08	Thu	84.5	10:37	70.7	23:54	13.8	77.6	-5.8	78	2	2	1.07	0.50	0.07			1200	1210	
July-09	Fri	91.4	15:55	67.4	4:55	24.0	79.4	1.8	77	0	1								
July-10	Sat	87.3	15:20	69.3	5:59	18.0	78.3	-1.1	78	1	1								
July-11	Sun	89.9	15:18	73.4	4:18	16.5	81.7	3.4	78	1	2								
July-12	Mon	92.4	16:37	75.3	5:56	17.1	83.9	2.2	79	1	1								
July-13		92.3	15:18	75.9	6:24	16.4	84.1	0.3	79	0	1								
	Wed	92.2	16:18	71.2	23:51	21.0	81.7	-2.4	80	0	1	0.09	0.09	0.05			1840	1915	
July-15		93.7	14:36	70.4	1:31	23.3	82.1	0.4	80	0	1								
July-16		95.4	15:15	73.7	6:14	21.7	84.6	2.5	80	0	0								
	Sat	94.1	15:34	74.9	23:41	19.2	84.5	-0.1	80	0	2	0.18	0.18	0.18			1902	1907	
	Sun	90.1	16:37	72.3	6:03	17.8	81.2	-3.3	80	2	2		0.10						
July-19	Mon	86.4	15:37	70.0	6:16	16.4	78.2	-3.0	80	2	2								
	Tue	89.3	14:44	66.4	6:07	22.9	77.9	-0.4	78	1	2								
July-21	Wed	92.1	15:38	69.0	6:16	23.1	80.6	2.7	78	0	0	0.01	0.01	0.01			1823	1840	
July-22		85.4	14:09	66.0	6:13	19.4	75.7	-4.8	78	1	1	0.01	0.01	0.01			1023	1040	
	Fri	86.8	17:06	66.1	3:52	20.7	76.5	0.7	78	1	1								
July-24		86.8	15:07	66.4	6:24	20.4	76.6	0.2	78	2	2	Т	T.	Т			1303	1308	
	Sun	90.8	15:13	72.2	5:26	18.6	81.5	4.9	77	2	2	0.04	0.04	0.03			2143	2208	
July-26	Mon	90.9	13:13	73.1	23:58	17.8	82.0	0.5	77	1	2	0.04	0.04	0.03			2143	2200	
	Tue	92.8	14:18	70.3	6:19	22.5	81.6	-0.5	78	1	2								
	Wed	93.7	14:12	70.3	6:34	20.8	83.3	1.8	78	0	1	Т	T.	Т			2115	2145	
	Thu	91.8	16:17	71.3	4:17	20.5	81.6	-1.8	78	0	1		1.				2113	2143	
	Fri	96.0	14:10	75.7	6:12	20.3	85.9	4.3		0	1								
July-30 July-31		86.0	16:16	69.8	5:21	16.2	77.9	-7.9	79 79	2	2	0.01	0.01	Т			2138	2148	
TOTAL	Jal	2795	10.10	2168	J.Z I	626.4	2481	-7.9 -6.8	2423	24	40	3.53	1.70	0.64	0.00	0.00	_	1.26-27	
NUMBER		31	31	31	31	31	31	31	31	31	31	8	8	7	0.00	0.00		AVE RH	
AVERAGE		90.15	15:21	69.94	9:10	20.21	80.04	31	78.16	0.77	1.29	Ave. Tot.	Ave. Max		0		73.7	Percent	
			13.21		5.10									Ave. Max					
NORMALS	EC	90.47		70.22		20.41	80.27 -0.23		79.0	0.91	1.07	4.37 -0.84	0.99	0.28			70.6	Percent	
Max. Temp	-	-0.32	A 111. 1	-0.28	Acces 110 1 may	-0.20		6.5	-0.9	-0.14	0.23		-0.49	-0.10			3.2	Percent	
		96.3	Ave.High Max	75.9	Ave.High Min	27	85.9	6.5	80.0		le Day	1.07	0.50	0.18			Precip.	24 Hr.	
2021	20	Jul-01	99.2	Jul-13	77.3	Jul-04	Jul-30	Jul-05	Jul-14	AVE.	1.03	Jul-02	Jul-08	Jul-17			Amount	2.13	
Ave.			Dep.		Dep.				Jul-15	Normal	0.98	Jul-08					Date	Jul 01	
Departure		01.0	-2.9	50.0	-1.4	40.0		40.0	Jul-16	Depart.	0.05	214					Date	Jul 02	
Min. Temp		81.0	Ave.Low Max	56.3	Ave.Low Min	13.8	69.1	-10.0	76.0	SKY	AM	PM	>= 0.10		>= 1.00		>= 2.00	INCHES	
2021	20	Jul-02	78.7	Jul-03	60.4	Jul-08	Jul-03	Jul-02	Jul-03	CLEAR	14	4	4	DAYS	3	DAYS	0	DAYS	
Ave.			Dep.		Dep.				Jul-04	PT. CLO.	10	14	HOTTEST	85.9	Highest	Lowest	COOLEST	69.1	
Departure			2.3		-4.1				Jul-05	CLOUDY	7	13	DAY	7-30	Mean	Mean	DAY	7-03	
Days Max.		0			MAX.		>=95	>=90	>=85	>=80	>=75	>=70	>=65	>=60	>=55	>=50	>=45	>=40	
Days Max.	>=90°F	20			DAYS	0	3	20	29	31	31	31	31	31	31	31	31	31	

20   1   27   28   28   28   28   28   28   28	PAGE #2	July	2021	West Hei	nrico Co	Glen A	llen Weat	ther Cen	ter 37.6	5537° N.	77.56929	° W Ko	ontz						
START   END   RON   MAX.   TIME   MAX.   M	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Jul-07	July	2nd PE	RIOD		WIND		REL. HU	IMIDITY		BAROMETRI	C PRESSUR	E					IZ		
Jul-02 Jul-03 Jul-04 Jul-04 Jul-05 Jul-05 Jul-05 Jul-05 Jul-07 Jul-17 Jul-18 Jul-18 Jul-18 Jul-18 Jul-18 Jul-18 Jul-19 Jul-18 J		START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG			FROST
Jul-03  Jul-04  Jul-04  Jul-04  Jul-05  Jul-06  Go.5.0  15  105.3  Jul-07  Jul-08  1250  ZOST  Jul-08  Jul-10  Jul-10  Jul-10  Jul-10  Jul-11  Begin Service	<u> </u>			81.8	20	14:31			30.00			-0.19					2		
Jul-104 Jul-105 Jul-105 Jul-106 Jul-107 Jul-108 Jul-107 Jul-107 Jul-108 Jul-107 Jul-108 Jul-107 Jul-108 Jul-107 Jul-108 Jul-10	I -			32.6	10														
Jul-10   So.2   14																			
Jul-06	I -																	<b>I</b>	
Jul-10																			
Jul-108   1250   2205   109.8   21   1253   398   70   30.011   227.5   228.8   -0.11	<u> </u>																	-	
Jul-10																			
Jul-10  Jul-11  Jul-12  Jul-12  116.9  Jul-13  Jul-14  Jul-15  Jul-15  Jul-16  S41.5  13  18.88  S65  30.23  30.18  30.08  30.18  30.09  30.18  30.00  30.01  30.00  30.0	I -	1250	2205																
Jul-11	_																		
Jul-12 Jul-13 Jul-14 Jul-15 Jul-14 Jul-15 Jul-16 Jul-16 Jul-16 Jul-16 Jul-17 Jul-16 S-42,8 12 Jul-22 Jul-33 Jul-17 Jul-16 S-54,5 13 18-58 96 47 30.03 30.18 30.03 30.11 Jul-17 Jul-16 S-54,5 13 18-58 96 47 30.03 30.03 30.11 Jul-17 Jul-18 Jul-19 22 33 Jul-17 Jul-19 22 33 Jul-17 Jul-19 33 Jul-17 Jul-19 36-21 16 16 18-38 95 51 30.03 30.18 30.03 30.11 30.06 30.05  Jul-17 Jul-19 32 Jul-20 Jul-20 Jul-20 Jul-21 Jul-20 Jul-21 Jul-20 Jul-21 Jul-20 Jul-20 Jul-21 Jul-21 Jul-20 Jul-21 Jul-21 Jul-24 Jul-24 1335 1338 7-29 18 16(60) 93 63 93 44 30.18 30.02 20.88 20.99 30.04 30.06 0.02  Jul-22 Jul-21 Jul-24 Jul-24 1335 1338 7-29 18 16(60) 93 63 93 14 19(17) 98 93 30 14 30.08 30.09 30.11 30.00 0.02  Jul-20 Jul-21 Jul-24 Jul-24 1335 1338 7-29 18 16(60) 93 63 30 16 30.02 20.98 20.99 30.04 0.02  Jul-24 1335 1338 7-29 18 16(60) 93 63 30 16 30.02 20.98 20.99 30.04 0.02  Jul-24 1335 1338 7-29 18 16(60) 93 63 30 16 30.02 20.98 20.99 30.01 0.15 1 1 N N TOTAL Normal Dates 17 104 104 10-10 1																			
Jul-13  Jul-14  Jul-15  Jul-16  Jul-16  S-54-5  Jul-17  Jul-18  S-62  13  18:58  96  47  30.10  30.11  30.01  30.01  30.01  30.06  -0.07  -0.07  -0.07  -0.07  P  P  Jul-16  S-54-5  13  18:58  96  47  30.10  30.11  30.01  30.01  30.06  -0.02  -0.02  -0.02  -0.02  -0.02  -0.02  -0.03  Jul-19  Jul-19  22.3  Jul-19  33.3  44  55  30.01  30.01  30.01  30.06  0.02  -0.02  -0.02  -0.03  Jul-19  Jul-20  34.8  11  17:14  98  98  47  30.02  39.99  30.04  -0.02  -0.02  -0.02  -0.03  -0.06  -0.01  -0.02  -0.08  -0.005  -0.01  -0.02  -0.08  -0.01  -0.02  -0.00  -0.02  -0.00	<u>-</u>																		
Jul-14   17.6   22   18:30   95   53   30.23   30.12   30.18   -0.01         1   1   1   1   1   1   1   1															1				
Jul-15	I -																		
Jul-16 Jul-17 Jul-18 G62.1 16 G82.1 18 G62.1 16 G83.8 96 G73.0 19 Jul-19 Jul-20 Jul-20 Jul-20 Jul-21 Jul-21 Jul-21 Jul-21 Jul-21 Jul-22 Jul-21 Jul-22 Jul-21 Jul-23 Jul-24 Jul-23 Jul-24 Jul-25 Jul-24 Jul-25 Jul-24 Jul-26 Jul-27 Jul-26 Jul-27 Jul-28 Jul-27 Jul-28 Jul-29 Jul-29 Jul-29 Jul-20 Dates Dates  Dates  Dates  Dates  Dates  Dates  Dates  Dates  Dates  Dates Dates  Dates  Dates Date	l -																1		
Jul-17																			
Jul-18																			
Jul-20   34.8   11   17:14   98   49   30.03   29.92   29.98   -0.08																	-		
Jul-20  Jul-21  Jul-22  Jul-23  Jul-23  Jul-24  Jul-24  1335  1336  72.9  18  16(0.9)  18  16(0.9)  18  16(0.9)  18  16(0.9)  18  16(0.9)  18  16(0.9)  18  16(0.9)  18  16(0.9)  18  16(0.9)  18  16(0.9)  18  16(0.9)  18  16(0.9)  18  16(0.9)  18  16(0.9)  18  16(0.9)  19  10  11  10  11  10  11  11  N  Jul-26  59.3  18  16(44)  95  61  30.02  30.04  30.04  30.02  30.09  30.15  0.04  1  1  1  N  Jul-26  59.3  18  16(44)  95  61  30.02  29.99  29.97  -0.11  1  N  Jul-27  32.8  14  19:17  98  56  61  30.02  29.99  29.99  29.96  -0.01  -0.01  1  N  P  Jul-27  Jul-28  57.5  14  10:50  98  45  30.01  29.99  29.99  0.02  Jul-30  Jul-30  Jul-30  G8.9  14  14:45  89  47  29.96  29.93  29.98  0.00  N  N  TOTAL  Column 23  2034.9  68.9  14  14:45  89  47  29.96  29.97  29.98  0.00  N  N  N  TOTAL  Column 23  2034.9  68.9  14  14:45  89  47  29.96  29.97  29.98  0.00  N  N  N  N  N  N  N  N  N  N  N  N	I -																		
Jul-21         35.7         16         18:26         96         47         30.02         29.88         29.95         -0.03         3           Jul-22         71.1         14         12:36         93         44         30.18         30.02         30.10         0.15         3           Jul-23         28.9         11         12:20         89         42         30.20         30.09         30.15         0.04         1           Jul-24         1335         1338         72.9         18         16:09         93         63         30.14         30.02         30.09         30.05         -0.07         1         1         N           Jul-25         114.0         19         21:39         93         61         30.05         29.89         29.97         -0.11         N         1         N           Jul-26         59.3         18         16:44         95         61         30.02         29.99         29.97         -0.11         N         P           Jul-28         57.5         14         10:50         98         45         30.01         29.94         29.99         0.00         1         5           Jul-30         68.3 </td <td><u> </u></td> <td></td>	<u> </u>																		
Jul-22 Jul-23 Jul-23 Jul-24 Jul-25 Jul-25 Jul-26 Jul-26 Jul-26 Jul-27 Jul-26 Jul-27 Jul-27 Jul-28 Jul-28 Jul-29 Jul-29 Jul-29 Jul-30 Jul-31 Zayay Zay																			
Jul-23 Jul-24 Jul-25 Jul-26 Jul-26 Jul-27 Jul-26 Jul-27 Jul-28 Jul-28 Jul-28 Jul-28 Jul-29 Jul-30 Jul-30 Jul-31 Jul-30 Jul-31 Jul-30 Jul-31 Z333 Z400 66.4 14 10:18 89 47 29.96 29.97 29.98 29.98 29.97 29.98 29.98 29.92 29.90 29.96 29.90 29.96 29.90 29.98 0.02  Jul-30 Jul-31 1 N N Jul-31 N N N N N N N N N N N N N N N N N N N																			
Jul-24   1335   1338   72.9   18   16.09   93   63   30.14   30.02   30.08   -0.07	I																		
Jul-25	-	1335	1338																
Jul-26	<u> </u>	1333	1330														1		
Jul-27       32.8       14       19:17       98       56       30.02       29.93       29.98       0.02       4       4         Jul-28       57.5       14       10:50       98       45       30.01       29.94       29.98       0.00       55         Jul-29       73.9       17       16:32       96       55       30.01       29.83       29.92       -0.05       33         Jul-30       68.9       14       14:45       89       47       29.96       29.79       29.88       -0.05       N         Jul-31       2333       2400       66.4       14       10:18       89       53       30.03       29.93       29.98       -0.05       N         NUMBER       Mar. Wind Run       31       31       31       31       31       31       31       31       31       31       31       31       Normal       0.0       0.0       0.0       0.0       1.6       7.2       18.5         AVE.       Total       2034.9       65.6       15.6       14:28       94.26       53.23       30.07       29.94       30.00       Depart.       0.0       0.0       0.0       0.0       0.																	•		
Jul-28       57.5       14       10:50       98       45       30.01       29.94       29.98       0.00       5         Jul-29       73.9       17       16:32       96       55       30.01       29.83       29.92       -0.05       3         Jul-30       68.9       14       14:45       89       47       29.96       29.79       29.88       -0.05       1       N         Jul-31       2333       2400       66.4       14       10:18       89       53       30.03       29.93       29.98       0.11       1       N         NUMBER       Mar. Wind Run       31       31       31       31       31       31       31       31       31       Normal       0.0       0.0       0.0       1.6       7.2       18.5         AVE.       Total       2034.9       65.6       15.6       14:28       94.26       53.23       30.07       29.94       30.00       Depart.       0.0       0.0       0.0       -1.6       -3.2       1.5         NORMALS       Miles       1378.1       62.6       18.7       92.6       48.3       30.03       29.92       29.98       Rating ▶       0 <td></td>																			
Jul-29 Jul-30 Jul-31 J	I																		
Jul-30       68.9       14       14:45       89       47       29.96       29.79       29.88       -0.05       N         Jul-31       2333       2400       66.4       14       10:18       89       53       30.03       29.93       29.98       0.11       N         TOTAL       Column 23       2034.9       483       2922       1650       932.03       928.19       930.11       TOTAL       0       0       0       4       20         NUMBER       Mar. Wind Run       31       31       31       31       31       31       31       31       31       31       30.07       29.94       30.00       Depart.       0.0       0.0       0.0       1.6       7.2       18.5         NORMALS       Miles       1378.1       62.6       18.7       92.6       48.3       30.03       29.92       29.98       Rating ►       0.0       0.0       0.0       0.0       6.5       59         Departures       Miles       656.8       3.1       -3.1       1.6       5.0       0.03       0.02       0.02       Intensity       1       1       X       Y       2       3       3       30.13	-																		
Jul-31   2333   2400   66.4   14   10:18   89   53   30.03   29.93   29.98   0.11	I -																		
TOTAL Column 23 2034.9 483 2922 1650 932.03 928.19 930.11 TOTAL 0 0 0 0 0 4 20 NUMBER Mar. Wind Run 31 31 31 31 31 31 31 31 31 31 31 Normal 0.0 0.0 0.0 1.6 7.2 18.5 AVE. Total 2034.9 65.6 15.6 14:28 94.26 53.23 30.07 29.94 30.00 Depart. 0.0 0.0 0.0 1.6 7.2 18.5 NORMALS Miles 1378.1 62.6 18.7 92.6 48.3 30.03 29.92 29.98 Rating ▶ 0 0 0 0 0 6 59 Departures Miles 656.8 3.1 -3.1 1.6 5.0 0.03 0.02 0.02 Intensity MAXIMUM Dates 126.2 22 North 99 70 30.23 30.15 Jul-13 Jul-14 Heavy-Unusual 3. Moderate - Ave. 2021 20 Dates 28.3 9 28.1 83 42 29.86 29.75 29.81 -0.19 2. Light - < Ave.	_	2333	2400																
NUMBER Mar. Wind Run 31 31 31 31 31 31 31 31 31 31 31 0.0 normal 0.0 0.0 0.0 1.6 7.2 18.5  AVE. Total 2034.9 65.6 15.6 14:28 94.26 53.23 30.07 29.94 30.00 Depart. 0.0 0.0 0.0 0.0 -1.6 -3.2 1.5  NORMALS Miles 1378.1 62.6 18.7 92.6 48.3 30.03 29.92 29.98 Rating ► 0 0 0 0 6 59  Departures Miles 656.8 3.1 -3.1 1.6 5.0 0.03 0.02 0.02 Intensity													0	0	0	0	4		0
AVE. Total 2034.9 65.6 15.6 14:28 94.26 53.23 30.07 29.94 30.00 Depart. 0.0 0.0 0.0 0.0 -1.6 -3.2 1.5  NORMALS Miles 1378.1 62.6 18.7 92.6 48.3 30.03 29.92 29.98 Rating ▶ 0 0 0 0 6 59  Departures Miles 656.8 3.1 -3.1 1.6 5.0 0.03 0.02 0.02 Intensity ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	_					31													0.0
NORMALS   Miles   1378.1   62.6   18.7   92.6   48.3   30.03   29.92   29.98   Rating ► 0   0   0   0   6   59																			0.0
Departures   Miles   656.8   3.1   -3.1     1.6   5.0   0.03   0.02   0.02   Intensity		Miles	1378.1	62.6	18.7		92.6	48.3	30.03	29.92	29.98		0	0	0	0			0
MAXIMUM Dates   126.2   22   North   99   70   30.23   30.15   30.19   0.15   30.19   30.15   30.15   30.19   30.15   30.15   30.19   30.15														Þ	≥	(2)			
Sur		MUMIXAN	Dates	126.2	22	North	99	70	30.23	30.15	30.19		Ą	Щ	õ	Ö	K	)ew	Frost
Min. Temps. >= 70°F   4   Ave. Max.   4. Heavy-Unusual   3. Moderate - Ave.   2021   20   Dates   28.3   9   28.1   83   42   29.86   29.75   29.81   -0.19   2. Light - < Ave.		DATES	1	Jul-12	Jul-14	18:30	Jul-09	Jul-08	Jul-13	Jul-13	Jul-13	Jul-22	ច	S	Ś	4	1 7		ш
Min. Temps. >= 70°F     4     Ave. Max.     3. Moderate - Ave.       2021     20     Dates     28.3     9     28.1     83     42     29.86     29.75     29.81     -0.19     2. Light - < Ave.			2				Jul-15		Jul-14				5. Very He	avy to Extr	eme				
2021 20 Dates 28.3 9 28.1 83 42 29.86 29.75 29.81 -0.19 2. Light - < Ave.			3										4. Heavy-L	Inusual					
	Min. Temps.	>= 70°F	4			Ave. Max.							3. Modera	te - Ave.					
	2021	20	Dates	28.3	9	28.1	83	42	29.86	29.75	29.81	-0.19	2. Light - <	Ave.					
Ave. 19.2 1 Jul-19 Jul-19 Dep. Jul-07 Jul-23 Jul-02 Jul-08 Jul-02 Jul-01 1. Very Light - Slight - Trace	Ave.	19.2	1	Jul-19	Jul-19	Dep.	Jul-07	Jul-23	Jul-02	Jul-08	Jul-02	Jul-01	1. Very Lig	ht - Slight -	Trace				
Departure 0.8 2 -6.1 M - Event with intensity missing	Departure	0.8	2			-6.1							M - Event	with intens	ity missing				
Days Min. <=32 °F 0 ≤75 ≤70 ≤65 ≤60 ≤55 ≤50 ≤45 ≤40 ≤35 N- None No Dew Obs.	Days Min. <	<=32 °F	0	≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35	N- None N	o Dew Obs.					
Days Min >=70°F 20 27 12 2 2 0 0 0 0 0 P- Precap. prevent obs.	Days Min >	=70°F	20	27	12	2	2	0	0	0	0	0	P- Precap	. prevent ob	os.				



Page 4	West Henrico Co Glen Allen Weather Center 37.65537° N. 77.56929° W Koontz
41	DAILY RECORDS FOR THE MONTH
July	DAILT REGORDS FOR THE MONTH
2021	The Glen Allen Station had 5 Records or Record Ties in July 2021
1	The clarifiest classes had a record of record from cay 202.
2	The maximum temperature on the 2nd was 81°F, and EQUALED the, 13 year LOW daily maximum temperature record for the date - the old record was set in 2013.
	The daily precipitation on the 2nd was 1.07 inches, a new 13-year HIGH daily precipitation record for the date - the old record was 0.29 inches in 2013.
3	The minimum temperature on the 3rd was 56.3°F, a new 13-year LOW daily min. temperature record for the date - the old record was 59°F in 2010 and 2009.
4	The minimum temperature on the 4th was 59.3°F, a new 13-year LOW daily minimum temperature record for the date - the old record was 61°F in 2009.
5	The minimum temperature of the far was selected, if a new 10 year 20 W attribute temperature resolution the date of the far was selected.
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19	The daily temperature range on the 19th was 16.4°F, a new 13-year LOW daily temperature range record for the date - the old record was 18°F in 2014 and 2013.
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# **July 2021**

## Springfield Park, Glen Allen, Virginia

July was the 4<sup>th</sup> coolest, 4<sup>th</sup> lowest precipitation and tied for the 2<sup>nd</sup> least days with measurable precip. in the past 13 years.

The mean temperature of 80.0°F which was -0.2 degrees F departure from the 13-year average and the 7<sup>th</sup> coolest July since 2008. The highest mean temperature for July was 85.9°F which is the 4<sup>th</sup> lowest on record. This July had 20 days with temperatures of equal to or greater than 90°F which is near the July average of 18.3 days. The max. temperature of 96.3 degrees F on the 1<sup>st</sup> was the 4<sup>th</sup> lowest on record for July and a departure of -2.9 degrees F. The average maximum temperature for July is 99.2 degrees F at Springfield Park.

The high temperature range for July was 27 degrees F on the 4<sup>th</sup> and the lowest monthly daily temperature range was 13.8°F on the 8<sup>th</sup>. The average temperature range for July was 20.2 degrees F which is near the 13-year average of 20.4 degrees F.

The Richmond International Airport had 3.06 inches more rain than Springfield Park. Springfield Park had only 3.53 inches of precipitation, a departure of -0.84 inches, and the Richmond International Airport had 6.59 inches, a departure of +2.22 inches. Rainfall from thunderstorms was quite variable for July over the area. Springfield Park with only 8 days of measurable precipitation tied for the second least on record.

The highest wind gust was only 22 mph from the north on the 14<sup>th</sup> at 1830 hours, the 2<sup>nd</sup> least on record for July. The average relative humidity for July was 73.7 percent which was a 2.7% departure.

## **Richmond International Airport**

The Richmond International Airport's average mean temperature was 79.5°F which was a departure of 0.1 degrees F from the average and was the 36<sup>th</sup> warmest since 1897. The highest monthly temperature was 96 degrees F on the 1<sup>st</sup>. The lowest maximum temperature was only 80 degrees F on July 2<sup>nd</sup>. The highest daily mean temp. was 84.0 degrees F which was the 31<sup>st</sup> coolest since 1897; the record is 80.5 degrees F set in 1918. The average maximum temperature was 89.2°F which was a -0.3 degrees F departure. The average minimum was 69.8 degrees F which was a 0.6 degrees F departure for the month. July had 16 days with temperatures of equal to or greater than 90 degrees F. July also had 20 nights the low temperature was 70 degrees F or higher; the average is 14.4 degrees F for the 124-year period. The daily temperature range for July was 19.4 degrees F which was the 44<sup>th</sup> lowest for July since 1897. The maximum daily temperature range for the month was only 25 degrees F on the 1<sup>st</sup> and 4<sup>th</sup>; only 7 years had a lower high monthly range since 1897. The minimum range was 11 degrees F on the 8<sup>th</sup>.

The Airport had 6.59 inches of precipitation which was a departure of +2.22 inches and made July the 27th wettest July since 1887. The Airport had only 7 days of measurable precipitation and only 9 years since 1887 have had less days without precip. in July. The record is 3 days set in 1911 and 1963.

#### The Richmond International Airport had 1 daily records set in July.

July 8<sup>th</sup> the 1.94 inches of rain set a new daily record; the previous record was 1.72 inches in 2011.

#### ACON - VA/NC/SC

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

## **July 2021**

## **Station summary of Climatological Data**

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

Temps Recorded 2400 **Precipitation Recorded 2400 Observation Times:** 

	TEMPERATURE °F	
Α	MEAN MAXIMUM	90.15
В	MEAN MINIMUM	69.94
С	MEAN MONTHLY	80.04
C1	MEAN TEMP DEP.	-0.2
D	MAXIMUM	96.3
Ε	DATE(s) OF MAX.	Jul-01
F	MINIMUM	56.3
G	DATE(s) OF MIN.	Jul-03
н	# DAYS MAX. > = 90°	20
1	# MAX. < = 32°	0
J	MIN. < = 32°	0
K	MIN. >= 70°	20
K1	AVE RELATIVE HUMIDITY	73.7
	WIND MPH	
L	MAX. GUST	22
M	DIRECT. OF GUST	North
N	DATE	Jul-14
	TIME	18:30
	NUMBER DAYS WITH -	
0	THUNDER	4
Р	HAIL	0
Q	GLAZE	0
R	ICE PELLETS (SLEET)	0
R1	DENSE FOG < = 1/4 MILE	0

#### **PRECIPITATION INCHES** MONTH TOTAL

U	CALENDAR DAY MAX.	1.07
J1	DATE OF MAX.	Jul-02
٧	24-HR. PERIOD MAX.	2.13
V1	DATE(s) OF MAX. PD.	Jul 1 <sup>st</sup> - Jul 2 <sup>nd</sup>
W	# DAYS > = 0.01"	8
Х	# DAYS > = 1.00"	3
Υ	YR. TO DATE TOT.	25.99
	MAX. 1 HR. PRECIP.	0.50
	MAX.5 MIN PRECIP.	0.18
	SNOWFALL INCHES	

3.53

_	DAIL I WAXIMUM	0.0
1	DATE OF MAX.	
2	DAYS= > TRACE	0.0
3	DAYS > = 1.0"	0.0
4	MONTHLY TOTAL	0.0
5	2020 - 2021 SEASON'S TOT.	11.7

#### **BAROMETER**

6	MAXIMUM	30.23
6A	DATE	Jul 13 <sup>th</sup> & 14 <sup>th</sup>
7	MINIMUM	29.75
7A	DATE	Jul-08
8	AVE. MONTHLY PRESSURE	30.00
CWA	NWS COUNTY WARNING AREA	Henrico

