PAGE #1		Sep	2014	West H	enrico (Co Gle	n Allen	Weathe	r Cente	r 37.65	5537° N	. 77.5692	29° W	Koontz				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Sep	Week		TEMPERATURE			TEMPERATURE			_			ECIPITAT		FROZ. PRECIP.			1st PERIOD	
2014	Day	MAX.	Time	MIN.	Time	RANGE	MEAN	CHANGE	SOIL	AM	PM	Liquid	1 Hr.	5 Min.	NEW	GROUND	START	END
Sep-01	Mon	95	14:14	76	6:32	19	85.5	1.5	77	2	0	T	T	T 0.04	-		0726	0729
Sep-02	Tue	98	13:43	72	6:01	26	85.0	-0.5	78	0	0	0.02 T	0.02	0.01	_		2323	2340
Sep-03 Sep-04	Wed Thu	89 91	15:42 13:50	73 71	7:02 6:17	16 20	81.0 81.0	-4.0 0.0	79 79	1	2	0.82	0.82	0.24	-		0010 0533	0020 0555
Sep-04 Sep-05	Fri	89	13:03	70	5:12	19	79.5	-1.5	78	1	1	0.82	0.02	0.24	-		1453	1550
Sep-05	Sat	92	15:00	74	0:20	18	83.0	3.5	78	1	1	0.10	0.10	0.07			1433	1330
Sep-07	Sun	81	14:51	66	23:45	15	73.5	-9.5	79	2	2	0.01	0.01	Т	-		0434	0515
Sep-08	Mon	71	13:27	65	23:27	6	68.0	-5.5	76	2	2	0.51	0.17	0.02	_		0845	2130
Sep-09	Tue	78	13:53	64	1:32	14	71.0	3.0	74	2	2	0.04	0.02	0.01			0001	0100
Sep-10	Wed	84	15:24	65	3:16	19	74.5	3.5	74	2	1							
Sep-11	Thu	89	15:25	68	6:14	21	78.5	4.0	75	2	1							
Sep-12	Fri	78	0:01	66	23:56	12	72.0	-6.5	76	2	2	0.04	0.03	0.01			0001	0055
Sep-13	Sat	73	13:12	60	23:36	13	66.5	-5.5	75	2	2	0.06	0.05	0.01			0620	0630
Sep-14	Sun	73	13:22	55	5:43	18	64.0	-2.5	72	2	2							
Sep-15	Mon	79	13:29	58	6:54	21	68.5	4.5	72	1	2							
Sep-16	Tue	83	13:35	63	7:00	20	73.0	4.5	72	0	1							
Sep-17	Wed	78	13:43	57	7:01	21	67.5	-5.5	72	0	1							
Sep-18	Thu	77	12:20	57	7:18	20	67.0	-0.5	71	1	2	Т	Т	Т			1250	1255
Sep-19	Fri	79	15:46	62	2:58	17	70.5	3.5	71	2	2	Т	Т	Т	-		1843	1845
Sep-20	Sat	82	15:13	58	6:48	24	70.0	-0.5	71	0	0							
Sep-21	Sun	88	15:20	60	7:08	28	74.0	4.0	72	1	0				-			
Sep-22	Mon	78 67	13:36 14:21	59 50	7:21 6:21	19 17	68.5 58.5	-5.5 -10.0	73 71	0	0							
Sep-23 Sep-24	Tue Wed	64	13:12	54	0:01	10	59.0	0.5	69	2	2	0.55	0.16	0.03	-		0358	0430
Sep-24 Sep-25	Thu	67	16:04	61	7:53	6	64.0	5.0	68	2	2	0.33	0.10	0.03	_		0001	0535
Sep-26	Fri	77	14:38	57	23:58	20	67.0	3.0	69	0	0	T	T	T			0001	0040
Sep-27	Sat	80	14:48	50	7:10	30	65.0	-2.0	68	0	0			•				00.0
Sep-28	Sun	80	14:35	53	7:18	27	66.5	1.5	68	0	2							
Sep-29	Mon	71	15:04	60	0:05	11	65.5	-1.0	69	2	2	0.06	0.02	0.01			0833	1410
Sep-30	Tue	75	15:32	61	22:42	14	68.0	2.5	70	2	1							
TOTAL		2406		1865		541.0	2135.5	-16.0	2196	37	38	2.36	1.47	0.42	0.0	0.0	Col	26-27
NUM		30	30	30	30	30	30	30	30	30	30	11	11	10	0.0	0.0		AVE RH
AVE.		80.20	13:52	62.17	9:01	18.03	71.18	30	73.20	1,23	1.27	Ave. Tot.	Ave.Max	Ave.Max	U	U	75.1	Percent
Normals		81.02	13.32		3.01	19.64			73.54	0.92	0.98	3.80					72.8	
		-0.82		60.96			70.99		-0.34	0.92	0.98	-1.44	0.66	0.17			2.4	Percent
Departures MAX.	Dates			1.21		-1.60 30	0.20 85.5	5.0	79.0		e Day		0.16 0.82	0.07				Percent
	Dates	98		76				5.0				0.82					Precip	24 Hr.
DATES	1	Sep-02		Sep-01		Sep-27	Sep-01	Sep-25	Sep-03	Ave.	1.25	Sep-04	Sep-04	Sep-04			Amount	0.92
	2								Sep-04	Normal	1.08						Date	Sep-04
	3								Sep-07	Depart	0.17						Date	Sep-05
MIN.	Dates	64		50		6	58.5	-10.0	68.0	SKY	AM	PM	>= 0.10	INCHES	>= 1.00	INCHES	>= 2.00	INCHES
DATES	1	Sep-24		Sep-23		Sep-08	Sep-23	Sep-23	Sep-25	CLEAR	8	7	5	DAYS	0	DAYS	0	DAYS
	2			Sep-27		Sep-25			Sep-27	P.CLO.	7	8	HOTTEST	85.5	Highest	Lowest	COOLEST	58.5
	3			00p 2.		20p 20			Sep-28	CLO.	15	15	DAY	9-01	Mean	Mean	DAY	9-23
	<=32 °F	0	<=32 °F	0	MAX.	>=95	>=90	>=85	>=80	>=75	>=70	>=65	>=60	>=55				
	>=90°F	4	>=70 °F	6		2	4	8	14	23	27	29	30	30				
	>=30 I	7	>=10 I	U			-	U	17	20	Z1	LJ	30	30				

PAGE #2	Sep				o Glen													
Sep	21 22 2nd PERIOD		23	WIND	25	REL. HU	JMIDITY	28 BA	ROMETRIC	C PRESSU	JRE	32	33	34	35	36	37	38
2014	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG	K	DEW	FROST
Sep-01			59.4	18	17:26	90	45	30.07	29.97	30.02	-0.01		-			1	N	
Sep-02			57.4	18	15:41	93	35	30.01	29.88	29.95	-0.07					2	N	
Sep-03			44.9	15	13:07	91	51	30.13	29.92	30.03	0.08						Р	
Sep-04	1540	1735	24.0	22	16:11	97	54	30.17	30.09	30.13	0.11					2	Р	
Sep-05			33.5	16	13:08	100	59	30.19	30.05	30.12	-0.01						3	
Sep-06			59.7	19	15:09	93	51	30.07	29.89	29.98	-0.14						1	
Sep-07			84.7	19	10:17	92	50	30.17	29.94	30.06	0.07						Р	
Sep-08	2250	2400	77.3	19	15:35	98	77	30.19	30.14	30.17	0.11						Р	
Sep-09	0315	0455	99.4	18	6:29	98	74	30.17	30.08	30.13	-0.04						Р	
Sep-10			14.4	10	14:38	99	52	30.14	30.02	30.08	-0.05						5	
Sep-11			84.0	23	9:50	96	57	30.03	29.89	29.96	-0.12					1	4	
Sep-12	0330	0420	88.9	18	2:28	95	60	30.14	29.97	30.06	0.09						Р	
Sep-13	1115	1155	32.9	14	18:01	93	80	30.22	30.09	30.16	0.10						Р	
Sep-14			55.2	15	2:34	89	51	30.31	30.21	30.26	0.10						2	
Sep-15			18.8	13	17:30	92	48	30.24	30.07	30.16	-0.10					1	2	
Sep-16			50.2	15	1:17	100	48	30.07	29.97	30.02	-0.14				2		4	
Sep-17			37.8	11	9:48	91	47	30.05	29.95	30.00	-0.02						2	
Sep-18	1507	1510	13.0	10	13:57	98	58	30.09	29.96	30.03	0.02						4	
Sep-19			19.0	11	13:18	92	50	30.29	30.09	30.19	0.16						1	
Sep-20			25.8	14	18:57	97	40	30.28	30.04	30.16	-0.03						3	
Sep-21			50.8	18	17:59	98	39	30.04	29.69	29.87	-0.29						4	
Sep-22			63.0	17	11:53	75	37	30.21	29.78	30.00	0.13						N	
Sep-23	1300	2050	56.8 131.7	15 21	0:33	93 100	50 77	30.37 30.40	30.20 30.29	30.29 30.35	0.29 0.06						4 P	
Sep-24	0630	0800	124.2	18	18:16 11:58	100	83	30.40	30.29	30.35	-0.10				1		P	
Sep-25 Sep-26	0630	0800	75.1	16	11:38	98	53	30.29	30.20	30.25	-0.10				1		4	
Sep-26 Sep-27			20.2	12	13:36	100	42	30.25	30.17	30.21	0.00						5	
Sep-28			7.8	9	13:32	99	41	30.23	30.18	30.14	-0.07						4	
Sep-29	1600	1610	14.1	7	8:58	97	78	30.21	29.96	30.02	-0.07						4	
Sep-23	1000	1010	15.3	10	2:26	98	68	29.96	29.87	29.92	-0.10						P	
					2.20												•	
TOTAL	Colum		1539.3	461		2852	1655	905.08	900.63	902.86	-0.12	0	0	0	2	4	17	0
Number	Mar. Wir		30	30	30	30	30	30	30	30	30							
AVE.	Total	1539.3	51.31	15.4	11:52	95.07	55.17	30.17	30.02	30.10						œ		
Normals	Miles	1308.9	43.95	29.8		94.6	51.0	30.11	29.97	30.04			h	>		DE		ST
Departures	Miles	230.4	7.36	-14.5		0.5	4.2	0.06	0.06	0.06		GLAZE	SLEET	SNOW	F0G	THUNDER	DEW	FROST
MAXIMUM		Dates	131.7	23	HOUR	100	83	30.40	30.29	30.35	0.29	ច	S	S	F F	푸	ä	Ŧ.
DATES		1	Sep-24	Sep-11	0950	Sep-05	Sep-25	Sep-24	Sep-24	Sep-24	Sep-23	5. Very I	leavv					
		2			SSW	Sep-16						_	/-Unusua	al				
												-						
		3				Sep-24						3. Mode		e.				
		4				Sep-25						2. Light						
MINIMUM		Dates	7.8	7		75	35	29.96	29.69	29.87	-0.29	1. Very I	∟ight - SI	ight - Tra	ce			
DATES		1 2	Sep-28	Sep-29		Sep-22	Sep-02	Sep-30	Sep-21	Sep-21	Sep-21			ntensity i ig Dew O	_	on		
MINIMUM		<=75	<=70	<=65	<=60	<=55	<=50	<=45	<=40	<=35	<=30	N-	NONE					
		1	6	11	19	26	30	30	30	30	30							

PAGE #3	West Henrico Co Glen Allen Weather Center 37.65537° N. 77.56929° W Koontz
39	40
Sep	REMARKS FOR THE MONTH
2014	September - 2014
Sep-01	CLOUDY TO NOON THEN BECAME PC UNTIL 1445 THEN CLEAR - A THUNDERSTORM OCCURRED BETWEEN 0500-0530
Sep-02	A LINE OF SW TO NE STORMS HAD ONE CELL THAT PASSED TO OUR WEST AND NEXT CELL PASSED TO EAST LEAVING US IN MIDDLE WITH ALMOST NO RAIN-BUT A GOOD BIT OF
	AM ABOUT 85-90% CLOUDY AND PM EST. AT 70-75% CLOUDY-SUN THROUGH CIRRUS AFTER 1640
•	MOSTLY CLEAR UNTIL 0830 THEN CLOUDY 0945 FOLLOWED BY PC 1300 THEN MOSTLY CLOUDY REST OF THE DAY
•	HARD TO TELL EXACT AMT. OF DEW BECAUSE OF SOME RESIDUAL RAINFALL BUT AT LEAST A MODERATE DEW
Sep-06	
-	PM WAS ABOUT 70-75% CLOUDY
•	LIGHT RAIN MOST OF DAY
•	3RD PD. OF PRECIP. 0715-0735, 4TH PD. 1710-1820 & 2ND PD. OF DRIZZLE BET. 1310-1420-HEAVY RAINS YESTERDAY IN PORTSMOUTH AND VA BEACH AREA - SOME PM BREAKS
	CLEARING STARTED AT 1330 AND CLEAR BY 1900
Sep-11	THUNDER JUST BEFORE MIDNIGHT-SKY FILLED WITH CIRRUS UNTIL 1415 BUT THIN - SOLAR RADIATION CUT ABOUT 40%-SCATTERED CUMULUS 1430-1830
-	DAY WAS MOSTLY CLOUDY WITH FEWEST CLOUDS FROM 1215-1400
-	3RD PD. OF PRECIP. 1250-1515-ONLY SPRINKLES AND DRIZZLE BUT CLOUDY ALL DAY
•	COOLEST AM TEMP. SINCE JULY 5TH WHEN IT WAS ALSO 54°F -BEAUTIFUL FIBEROUS CIRRUS -CLOUDY BUT MUCH SOLAR ENERGY THROUGH CLOUDS
Sep-15	GREAT FALL DAY WITH LOW REL. HUMIDITY AND FELT EVEN COOLER BECAUSE OF CLOUDINESS-CLEAREST PD. 0930-1130
	LIGHT AM FOG WITH CLEARING AROUND 1000 THEN PC TO 1215-AM APPROX. 30% CLOUDY AND PM WAS PC
•	PLEASANT FALL DAY WITH PM CUMULUS CLOUDS-PM EST. TO BE 60-70% CLOUDY
-	CLOUDS INCREASED DURING DAY AND A FEW SPRINKLES BET. 1250-1507
-	AM WAS ABOUT 90% CLOUDY AND PM WAS 80-90% CLOUDY-LIGHTEST OF SPRINKLES AT 1843
	VERY CLEAR DAY WITH A COOL START AND A 24 DEGREE TEMP. RANGE AND LOW REL. HUMIDITY
Sep-21	AM 50-60% CLOUDY WITH THIN CIRRUS FROM SUNRISE TO 0830 THEN MOSTLY CLEAR TO 1000 FOLLOWED BY ALTOCUMULUS TO 1145 THEN CLEAR REST OF DAY
-	AM MOSTLY CLEAR AND PM HAD SOME CUMULUS FROM NOON TO 1445 THEN THIN CIRRUS IN PM WHICH WAS EST. TO BE 40-50% CLEAR
	COOLEST AM SINCE JUNE 2 WHEN IT WAS ALSO 50°F - CIRRUS CLOUDS ALL DAY THAT BECAME THICK BY 0930 & ONLY A LITTLE SOLAR ENERGY THROUGH CLOUDS 1400-1530
	CLOUDY AM - RAIN FELL MOST OF PM-3RD PD. OF PRECIP. 2255-2400
-	MOSTLY ON AND OFF DRIZZLE - 3RD PD. OF PRECIP. 1715-2025, 4TH PD. 2205-2220, 5TH PD. 2355-2400
Sep-26	CLEAR FROM SUNRISE TO 1045 THEN SCATTERED CUMULUS UNTIL 1415 FOLLOWED BY MOSTLY CLEAR AGAIN WITH ONLY A FEW CIRRUS
Sep-27	VERY HEAVY DEW-VERY CLEAR AND LOW DEW POINT OF 49.8°F -GREAT FALL DAY
-	CIRRUS CLOUDS CAME IN AT 1030 BUT NOT THICK UNTIL 1315 THEN TOTAL CLOUDINESS AFTER 1400
-	LIGHT RAIN MOVED IN FROM SW AT 0833 AND CONTINUED OFF AND ON EXTREMELY LIGHT MOST OF THE DAY -3RD PERIOD OF SPRINKLESBETWEEN 1825-1925
Sep-30	A CLOUDY MORNING WITH CLEARING STARTING AT 1515 AND ALMOST TOTALLY CLEAR BY 1600
5475	EXTENSION OF LENGTING AND VIDENARIO
Sep-02	EXTENSION OF LENGTHY DAILY REMARKS LIGHTNING OCCURRED-AIRPORT REPORTED 101°F HOTTEST DAY OF SUMMER AND A NEW REC. FOR DATE-GLEN ALLEN TIED HIGHEST TEMP. FOR SUMMER-JULY 2, 2014
3ep-02	WAS ALSO 98°F
000	
Sep-09	IN CLOUDINESS
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	l l

Days	27 Records Broken or Tied in the 6 Years of Data at the Glen Allen Station - Sep. 2014
1	The minimum temperature on the 1st was 76 °F, a new 6 year HIGH daily minimum temperature record for the date; the old record was 73°F in 2012.
	The maximum temperature on the 1 95°F, a new 6 year daily HIGH maximum temperature record for the date; the old record was 91°F in 2013.
2	The minimum temperature on the 2nd was 72 and EQUALED the 6 year HIGH daily minimum temperature record for the date; the old record was set in 2013.
	The maximum temperature on the 2nd was 98°F, a new 6 year daily HIGH maximum temperature record for the date; the old record was 91°F in 2012.
3	The minimum temperature on the 3rd was 73 °F, a new 6 year HIGH daily minimum temperature record for the date; the old record was 72 °F in 2010.
	The daily precipitation on the 3rd was T inches, and EQUALED the 6 year HIGH daily precipitation record for the date; the old record was set in 2012.
4	
5	The daily precipitation on the 5th was 0.1 inches, a new 6 year HIGH daily precipitation record for the date; the old record was 0.03 inches in 2012.
6	The minimum temperature on the 6th was 74 °F, a new 6 year HIGH daily minimum temperature record for the date; the old record was 70°F in 2008.
	The maximum temperature on the 6th was 92°F, and EQUALED the 6 year HIGH daily maximum temperature record for the date; the old record was set in 2010.
7	
8	The maximum temperature on the 8th was 71°F, a new 6 year LOW daily maximum temperature record for the date; the old record was 81°F in 2011.
	The daily temperature range on the 8th was 6°F, a new 6 year LOW daily temperature range record for the date; the old record was 9°F in 2011.
9	The maximum temperature on the 9th was 78°F, a new 6 year LOW daily maximum temperature record for the date; the old record was 80°F in 2013.
10	
11	
	The maximum temperature on the 12th was 78°F, a new 6 year LOW daily maximum temperature record for the date; the old record was 81°F in 2012.
	The daily temperature range on the 12th was 12°F, a new 6 year LOW daily temperature range record for the date; the old record was 16 °F in 2008.
	The maximum temperature on the 13th was 73°F, a new 6 year LOW daily maximum temperature record for the date; the old record was 81°F in 2013.
	The daily temperature range on the 13th was 13°F, a new 6 year LOW daily temperature range record for the date; the old record was 19 °F in 2013.
	The daily precipitation on the 13th was 0.06 inches, a new 6 year HIGH daily precipitation record for the date; the old record was 0.00 inches.
14	
15	
16	
17	
18	
	The minimum temperature on the 19th was 62°F, a new 6 year HIGH daily minimum temperature record for the date- the old record was 59°F in 2009 and 2008.
20	
21	
22	
	The minimum temperature last night was 49.5 °F the lowest minimum temperature since June 2, 2014 when the minimum temperature was also 50°F.
	The maximum temperature on the 23rd was 67°F, a new 6 year LOW daily maximum temperature record for the date- the old record was 69°F in 2013.
24	The daily precipitation on the 24th was 0.55 inches, a new 6 year HIGH daily precipitation record for the date- the old record was 0.06 inches in 2009.
	The maximum temperature on the 24th was 64°F, a new 6 year LOW daily maximum temperature record for the date- the old record was 72°F in 2008.
25	
26	
	The minimum temperature on the 27th was 50°F, a new 6 year LOW daily minimum temperature record for the date- the old record was 51°F in 2013.
28	The state of the s
	The maximum temperature on the 29th was 71°F, a new 6 year LOW daily maximum temperature record for the date- the old record was 72°F in 2012.
	The daily temperature range on the 29th was 11°F, a new 6 year LOW daily temperature range record for the date- the old record was 12 °F in 2012.
	The maximum temperature on the 30th was 75°F, a new 6 year LOW daily maximum temperature record for the date- the old record was 76°F in 2012.
	The daily temperature range on the 30th was 14°F, a new 6 year LOW daily temperature range record for the date- the old record was 15 °F in 2008.