


PAGE #1		Sep 2013 West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz																	
		TEMPERATURE				TEMPERATURE				SKY		PRECIPITATION			FROZ. PRECIP.		1st PERIOD		
Sep 2013	Week Day	MAX.	Time	MIN.	Time	RANGE	MEAN	CHANGE	SOIL	AM	PM	Liquid	1 Hr.	5 Min.	NEW	GROUND	START	END	
Sep-01	Sun	91	15:32	69	7:21	22	80.0	0.5	78	0	0	0.04	0.03	0.01			1925	2015	
Sep-02	Mon	89	15:20	72	2:27	17	80.5	0.5	79	2	0	0.01	0.01	T			0050	0125	
Sep-03	Tue	87	14:08	70	6:26	17	78.5	-2.0	78	1	1								
Sep-04	Wed	82	15:22	65	7:02	17	73.5	-5.0	78	0	0								
Sep-05	Thu	88	15:19	62	7:05	26	75.0	1.5	76	0	0								
Sep-06	Fri	79	14:58	60	7:02	19	69.5	-5.5	76	0	0								
Sep-07	Sat	79	13:27	57	6:18	22	68.0	-1.5	74	0	1								
Sep-08	Sun	89	14:52	63	7:10	26	76.0	8.0	74	0	0								
Sep-09	Mon	80	16:43	68	7:32	12	74.0	-2.0	76	1	2								
Sep-10	Tue	91	14:50	68	6:51	23	79.5	5.5	76	0	0								
Sep-11	Wed	93	13:51	72	7:00	21	82.5	3.0	77	0	0								
Sep-12	Thu	91	14:49	69	20:56	22	80.0	-2.5	77	0	0	0.65	0.65	0.19			1918	2005	
Sep-13	Fri	81	13:48	62	23:59	19	71.5	-8.5	77	1	0								
Sep-14	Sat	72	14:46	53	23:57	19	62.5	-9.0	75	0	0								
Sep-15	Sun	78	14:45	47	7:02	31	62.5	0.0	72	0	0								
Sep-16	Mon	78	10:45	56	23:55	22	67.0	4.5	72	2	2	T	T	T			1115	1205	
Sep-17	Tue	70	13:55	49	23:57	21	59.5	-7.5	71	0	0								
Sep-18	Wed	73	15:36	44	7:19	29	58.5	-1.0	68	0	0								
Sep-19	Thu	77	13:54	50	6:56	27	63.5	5.0	68	0	1								
Sep-20	Fri	80	13:24	57	7:06	23	68.5	5.0	70	1	1								
Sep-21	Sat	74	13:29	60	5:48	14	67.0	-1.5	70	2	2	0.77	0.48	0.20			1400	2400	
Sep-22	Sun	76	14:46	58	6:58	18	67.0	0.0	70	0	0	0.05	0.05	0.02			0001	0055	
Sep-23	Mon	69	13:46	50	23:59	19	59.5	-7.5	69	0	0								
Sep-24	Tue	74	14:53	46	4:35	28	60.0	0.5	67	0	0								
Sep-25	Wed	77	15:08	48	6:09	29	62.5	2.5	67	0	1								
Sep-26	Thu	77	14:36	56	5:45	21	66.5	4.0	68	1	0								
Sep-27	Fri	73	13:03	51	6:56	22	62.0	-4.5	67	1	2								
Sep-28	Sat	69	12:18	52	4:07	17	60.5	-1.5	67	2	2								
Sep-29	Sun	74	14:26	52	6:14	22	63.0	2.5	66	1	2								
Sep-30	Mon	77	13:56	51	6:28	26	64.0	1.0	67	1	0								
TOTAL		2388		1737		651.0	2062.5	-15.5	2170	16	17	1.52	1.22	0.42	0.0	0.0	Col.26-27		
NUM		30	30	30	30	30	30	30	30	30	30	5	5	4	0	0	DAILY AVE RH		
AVE.		79.60	14:20	57.90	9:48	21.70	68.75		72.33	0.53	0.57	Ave. Tot.	Ave.Max	Ave.Max			72.9	Percent	
Normals		81.30		61.57		19.73	71.43		73.78	0.99	1.07	3.92	0.66	0.31			72.7	Percent	
Departures		-1.70		-3.67		1.97	-2.68		-1.45	-0.46	-0.50	-2.40	-0.01	-0.11			0.2	Percent	
MAX. DATES	Dates	93		72		31	82.5	8.0	79.0	Whole Day		0.77	0.65	0.20			Precip	24 Hr.	
	1	Sep-11		Sep-02		Sep-15	Sep-11	Sep-08	Sep-02	Ave.	0.55	Sep-21	Sep-12	Sep-21			Amount	0.82	
	2			Sep-11						Normal	1.05						Date	21	
	3									Depart	-0.50						Date	22	
MIN. DATES	Dates	69		44		12	58.5	-9.0	66.0	SKY		AM	PM	>= 0.10	INCHES	>= 1.00	INCHES	>= 2.00	INCHES
	1	Sep-23		Sep-18		Sep-09	Sep-18	Sep-14	Sep-29	CLEAR	18	19	2	DAYS	0	DAYS	0	DAYS	
	2	Sep-28								P.CLO.	8	5	HOTTEST DAY		82.5	Highest Mean	Lowest Mean	COOLEST DAY	58.5
	3									CLO.	4	6			9-11				9-18
<=32 °F		0	<=32 °F	0	MAX.	>=95	>=90	>=85	>=80	>=75	>=70	>=65	>=60	>=55					
>=90°F		4	>=70 °F	3		0	4	8	12	21	28	30	30	30					

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Sep 2013 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						
Sep 2013	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE																	
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG	DEW	FROST								
Sep-01	2245	2355	46.8	17	19:46	97	54	29.88	29.76	29.82	-0.20					1	R								
Sep-02			36.7	11	14:15	96	54	29.84	29.76	29.80	-0.02						R								
Sep-03			48.3	15	10:12	98	52	29.96	29.75	29.86	0.05						4								
Sep-04			58.1	14	0:30	94	47	30.09	29.96	30.03	0.17						N								
Sep-05			27.4	14	23:09	100	35	30.12	30.01	30.07	0.04				1		4								
Sep-06			71.5	17	8:54	90	47	30.21	30.12	30.17	0.10						1								
Sep-07			32.0	14	15:28	98	55	30.15	29.96	30.06	-0.11						4								
Sep-08			14.1	10	13:56	96	46	30.01	29.89	29.95	-0.10						4								
Sep-09			44.0	14	3:45	91	60	30.18	30.00	30.09	0.14						N								
Sep-10			55.4	17	13:49	98	53	30.21	30.11	30.16	0.07						3								
Sep-11			80.4	20	15:07	89	49	30.17	30.03	30.10	-0.06						1								
Sep-12	2035	2040	62.4	20	19:14	93	52	30.03	29.76	29.90	-0.20					3	N								
Sep-13			67.7	21	21:16	98	43	29.92	29.72	29.82	-0.08						R								
Sep-14			79.0	20	8:39	89	43	30.16	29.92	30.04	0.22						N								
Sep-15			33.7	16	15:24	99	44	30.25	30.11	30.18	0.14						5								
Sep-16	1355	1405	57.6	18	12:48	90	64	30.22	30.08	30.15	-0.03						3								
Sep-17			73.8	18	8:29	97	42	30.39	30.22	30.31	0.16						4								
Sep-18			15.1	9	14:47	99	37	30.33	30.19	30.26	-0.05						4								
Sep-19			24.0	12	14:15	99	48	30.20	30.09	30.15	-0.11						4								
Sep-20			30.5	13	21:06	93	52	30.10	29.97	30.04	-0.11						3								
Sep-21			64.7	21	13:30	99	68	29.98	29.72	29.85	-0.18						3								
Sep-22			69.8	19	12:52	99	48	29.93	29.74	29.84	-0.02						R								
Sep-23			72.9	17	10:38	96	47	30.09	29.93	30.01	0.17						3								
Sep-24			16.1	10	15:08	99	47	30.10	29.96	30.03	0.02						4								
Sep-25			18.5	12	12:40	99	42	29.97	29.88	29.93	-0.11						5								
Sep-26			38.9	16	12:14	96	45	30.06	29.90	29.98	0.05						4								
Sep-27			22.8	13	17:32	99	54	30.22	30.06	30.14	0.16						4								
Sep-28			57.7	15	10:37	99	60	30.28	30.19	30.24	0.09						3								
Sep-29			36.1	13	11:26	99	54	30.19	30.05	30.12	-0.11						4								
Sep-30			10.2	9	14:39	99	44	30.09	29.99	30.04	-0.08						4								
TOTAL	Column 23		1366.2	455		2888	1486	903.33	898.83	901.08	0.02	GLAZE	SLEET	SNOW	FOG	THUNDER	DEW	FROST							
Number	Mar. Wind Run		30	30	30	30	30	30	30	30	30								0	0	0	1	2	22	0
AVE.	Total		1366.2	45.54	15.2	13:32	96.27	49.53	30.11	29.96	30.04														
Normals	Miles		1297.5	41.70	16.4		94.2	51.2	30.11	29.97	30.04														
Departures	Miles		68.7	3.84	-1.2		2.1	-1.7	0.01	-0.01	0.00														
MAXIMUM DATES		Dates	80.4	21	100	68	30.39	30.22	30.31	0.22	5. Very Heavy 4. Heavy-Unusual 3. Moderate - Ave. 2. Light - < Ave. 1. Very Light - Slight - Trace M - Event with intensity missing R - Rain hindering Dew Observation N- NONE														
		1	Sep-11	Sep-13	21:16	Sep-05	Sep-21	Sep-17	Sep-17	Sep-17								Sep-14							
		2		Sep-21	13:30																				
		3																							
MINIMUM DATES		Dates	10.2	9	89	35	29.84	29.72	29.80	-0.20															
		1	Sep-30	Sep-18	Sep-11	Sep-05	Sep-02	Sep-13	Sep-02	Sep-12															
		2		Sep-30	Sep-14			Sep-21																	
MINIMUM		<=75	<=70	<=65	<=60	<=55	<=50	<=45	<=40	<=35	<=30														
		0	3	8	13	18	25	29	30	30	30														

Sep 2013	REMARKS FOR THE MONTH September - 2013
Sep-01	THUNDERSTORM PASSED TO SW AGAIN-CLOUDS CAME IN AROUND 1815-AM 95% CLEAR, PM 20% CLOUDY
Sep-02	CLEARING STARTED AT 1000 AND PC BY 1100 AND PM WAS ABOUT 20-30% CLOUDY WITH CUMULUS
Sep-03	WIND SHIFTED TO NNE AT 0755-COOLER AIR SLOW COMING IN - PM WAS ABOUT 65% CLOUDY BUT SUN CAME THROUGH CIRRUS CLOUDS
Sep-04	BREEZY AND LOW RELATIVE HUMIDITY AND PLEASANT DEW POINTS-AM ABOUT 10% CLOUDY, PM EST. 20% CLOUDY-VERY PLEASANT SEPT. DAY
Sep-05	COOL START TODAY BUT A NICE PM WARMUP WITH SUNNY SKIES AND VERY FEW CLOUDS
Sep-06	BEAUTIFUL DAY FOR FIRST OF SEPT. ONLY A FEW CUMULUS CLOUDS BET. 1500-1730
Sep-07	CLEAR 0845-1030 AND PC REST OF AM-PM WAS PC WITH CIRRUS AND CUMULUS-AM 30% CLOUDY
Sep-08	CLEAR ALL DAY AND MUCH WARMER-FEW SHOWERS PASSED TO WEST THIS EVENING
Sep-09	CLOUDY UNTIL 0945 THEN PC WITH CIRRUS-AM WAS ABOUT 60% CLOUDY
Sep-10	CLEAR ALL DAY AND HOT FOR SEPT.
Sep-11	VERY LIGHT DEW-CLEAR ALL DAY EXCEPT BETWEEN 1245-1445- HOT SEPT. DAY
Sep-12	CLEAR UNTIL 1715
Sep-13	AM HAD THIN CIRRUS UNTIL 0830 THEN CLEAR TO 0915 THEN ALTOCUMULUS-AM WAS ABOUT 60% CLOUDY AND PM WAS ABOUT 30% CLOUDY
Sep-14	TOO MUCH WIND FOR DEW-LOWEST MIN. SINCE MAY 14, 2013 WHEN IT WAS 35 °F -ONLY FEW AM CUMULUS AND VERY CLEAR PM
Sep-15	LOWEST MIN. TEMP. SINCE MAY 14, 2013 WHEN IT WAS 35 °F - VERY HEAVY DEW AND VERY CLEAR DAY WITH ONLY A FEW CIRRUS
Sep-16	AM 70% CLOUDY AND PM 90-95% CLOUDY-MOSTLY CLOUDY FROM 1715-1815 THEN PC 1045 THEN TOTALLY CLOUDY UNTIL 1730-OCCASIONAL SPRINKLES
Sep-17	VERY HEAVY DEW ALMOST A 5-VERY SUNNY DAY ONLY A COUPLE OF CLOUDS SEEN DURING DAY
Sep-18	LOWEST MIN. TEMP. SINCE MAY 14, 2013 WHEN IT WAS 35 °F - BEAUTIFUL SEPT. DAY- MIN. ALSO -2 °F LESS THAN ALL TIME REC. SEPT. LOW FOR GLEN ALLEN
Sep-19	CLOUDS CAME IN AT 1030-AM 20-30% CLOUDY-PM ABOUT 60% CLOUDY
Sep-20	
Sep-21	CLOUDY ALL DAY EXCEPT PC BETWEEN 0830-1030-1ST SPRINKLES OCCURRED AT 1400
Sep-22	VERY CLEAR IN AM AND ONLY A FEW CUMULUS IN PM BETWEEN 1430-1600 AND THEN AGAIN AT 1815-1845
Sep-23	A FEW CUMULUS AS EARLY AS 1030 BUT VERY SCATTERED UNTIL 1230-AM 5-10% CLOUDY-PM 10-15% CLOUDY
Sep-24	PERFECT SKY NO CLOUDS AND A DEEP BLUE SKY WITH VERY LIGHT BREEZE-A BEAUTIFUL FALL DAY
Sep-25	VERY HEAVY DEW-AM ABOUT 20% CLOUDY AND THICKER CLOUDS CAME IN AT 1615-SCATTERD CIRRUS CLOUDS 1315-1615-PM ABOUT 65% CLOUDY
Sep-26	CLOUDY EARLY AND CLEARING AT 0900 AND PM WAS ABOUT 25-30% CLOUDY BUT AGAIN A BEAUTIFUL FALL DAY
Sep-27	ON AND OFF CLOUDINESS IN AM BUT PM WAS MOSTLY CLOUDY AT ABOUT 75%
Sep-28	CLEAR 0815-1035-AM ABOUT 70% CLOUDY-PM 90-95% CLOUDY
Sep-29	A LOT OF VERY WHITE CUMULUS CLOUDS ON A DEEP BLUE SKY (PRETTY SKY)-FIRST CLOUDS CAME IN ABOUT 1030
Sep-30	ANOTHER BEAUTIFUL FALL DAY WITH ONLY A FEW SCATTERED CIRRUS AND CUMULUS CLOUDS - SEP. WAS A VERY DRY MONTH

DATE	EXTENSION OF LENGTHY DAILY REMARKS
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Sep-16	FROM 1115-1205 AND ALSO IN THE SECOND PD. OF PRECIP. LISTED ON FRONT PAGE OF OBSERVATION SHEET
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