


PAGE #1																		
Oct 2013 West Henrico Co. - Glen Allen Weather Center 37.6554° N. 77.5692° W. - Koontz																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Oct 2013	Week Day	TEMPERATURE				TEMPERATURE				SKY		PRECIPITATION			FROZ. PRECIP.		1st PERIOD	
		MAX.	Time	MIN.	Time	RANGE	MEAN	CHANGE	SOIL	AM	PM	Liquid	1 Hr.	5 Min.	NEW	GROUND	START	END
Oct-01	Tue	83	15:18	53	6:59	30	68.0	4.0	66	1	0							
Oct-02	Wed	86	14:21	56	6:34	30	71.0	3.0	67	0	0							
Oct-03	Thu	85	12:52	58	6:29	27	71.5	0.5	69	1	2							
Oct-04	Fri	87	13:33	62	7:02	25	74.5	3.0	69	0	0							
Oct-05	Sat	90	15:39	63	6:33	27	76.5	2.0	70	0	0							
Oct-06	Sun	87	15:13	65	6:26	22	76.0	-0.5	71	0	0							
Oct-07	Mon	77	11:27	57	23:38	20	67.0	-9.0	72	2	2	0.72	0.67	0.15			0616	0620
Oct-08	Tue	63	14:26	52	6:28	11	57.5	-9.5	69	2	2							
Oct-09	Wed	57	13:30	54	23:46	3	55.5	-2.0	67	2	2	0.73	0.13	0.03			0850	2400
Oct-10	Thu	57	20:43	54	5:10	3	55.5	0.0	64	2	2	0.98	0.37	0.01			0001	2400
Oct-11	Fri	63	13:41	57	0:01	6	60.0	4.5	65	2	2	0.05	0.01	T			0001	1000
Oct-12	Sat	65	12:36	61	0:01	4	63.0	3.0	65	2	2	0.11	0.02	T			0001	1440
Oct-13	Sun	64	12:14	60	23:58	4	62.0	-1.0	66	2	2	0.16	0.07	0.02			0001	0040
Oct-14	Mon	67	15:07	53	23:44	14	60.0	-2.0	66	2	1	0.01	0.01	T			0020	0025
Oct-15	Tue	71	14:34	50	4:49	21	60.5	0.5	64	1	2							
Oct-16	Wed	73	15:06	57	4:16	16	65.0	4.5	66	2	2							
Oct-17	Thu	77	14:10	61	0:03	16	69.0	4.0	66	2	2	T	T	T			0513	0540
Oct-18	Fri	70	14:41	49	7:26	21	59.5	-9.5	67	0	1							
Oct-19	Sat	63	16:14	50	1:42	13	56.5	-3.0	65	2	2	0.01	0.01	T			0845	1300
Oct-20	Sun	65	14:37	41	7:36	24	53.0	-3.5	64	0	0							
Oct-21	Mon	68	14:37	38	7:40	30	53.0	0.0	61	0	0							
Oct-22	Tue	72	15:17	51	3:52	21	61.5	8.5	62	2	2							
Oct-23	Wed	61	16:19	42	23:58	19	51.5	-10.0	62	2	1	0.07	0.06	0.02			0500	0505
Oct-24	Thu	57	13:30	34	6:14	23	45.5	-6.0	60	0	2							
Oct-25	Fri	58	14:20	29	7:19	29	43.5	-2.0	58	0	0							
Oct-26	Sat	58	15:35	28	7:44	30	43.0	-0.5	56	0	0							
Oct-27	Sun	66	15:00	37	7:41	29	51.5	8.5	57	2	0							
Oct-28	Mon	68	15:26	37	5:55	31	52.5	1.0	56	2	1							
Oct-29	Tue	69	14:15	50	23:46	19	59.5	7.0	58	2	0							
Oct-30	Wed	67	16:05	49	1:15	18	58.0	-1.5	59	2	2	0.04	0.02	0.01			0540	0730
Oct-31	Thu	72	14:53	56	1:11	16	64.0	6.0	60	2	2	T	T	T			1850	1910
TOTAL		2166		1564		602.0	1865.0	0.0	1987	39	36	2.88	1.37	0.24	0	0	Col.26-27	
NUM		31	31	31	31	31	31	31	31	31	31	10	10	6	0	0	DAILY AVE RH	
AVE.		69.87	14:41	50.45	8:41	19.42	60.16		64.10	1.26	1.16	Ave. Tot.	Ave.Max	Ave.Max	Ave.Tot.	Ave.Days	77.0	Percent
Normals		69.81		48.47		21.34	59.14		64.65	1.01	1.03	3.90	0.51	0.15	0.0	0.0	72.7	Percent
Departures		0.06		1.98		-1.92	1.02		-0.55	0.25	0.13	-1.02	0.86	0.09	0.0	0.0	4.3	Percent
MAX. DATES	Dates	90		65		31	76.5	8.5	72.0	Whole Day		0.98	0.67	0.15	0.0	0.0	Precip	24 Hr.
	1	Oct-05		Oct-06		Oct-28	Oct-05	Oct-22	Oct-07	Ave.	1.21	Oct-10	Oct-07	Oct-07			Amount	1.53
	2							Oct-27		Normal	1.02						Date	09
	3									Depart.	0.19						Date	10
MIN. DATES	Dates	57		28		3	43.0	-10.0	56.0	SKY	AM	PM	>= 0.10	INCHES	>= 1.00	INCHES	>= 2.00	INCHES
	1	Oct-09		Oct-26		Oct-09	Oct-26	Oct-23	Oct-26	CLEAR	10	11	5	DAYS	0	DAYS	0	DAYS
	2	Oct-10				Oct-10			Oct-28	P.CLO.	3	4	HOTTEST	76.5	Highest	Lowest	COOLEST	43
	3	Oct-24								CLO.	18	16	DAY	10-05	Mean	Mean	DAY	10-26
<=32 °F		0	<=32 °F	2	MAX.	>=85	>=80	>=75	>=70	>=65	>=60	>=55	>=50	>=45	>=40	>=35	>=30	
>=90°F		1	>=70 °F	0		5	6	8	13	21	26	31	31	31	31	31	31	

PAGE #2 Oct 2013 West Henrico Co. - Glen Allen Weather Center 37.6554° N. 77.5692° W. - Koontz																																					
20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38	
Oct 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																				
Oct-01			13.9	9	12:57	98	46	30.09	30.00	30.05	0.04																							4			
Oct-02			12.0	12	13:37	99	37	30.10	30.02	30.06	0.02																							4			
Oct-03			4.9	6	12:52	99	48	30.12	30.05	30.09	0.02																							4			
Oct-04			16.4	10	3:40	97	47	30.10	30.02	30.06	-0.02																							4			
Oct-05			15.9	11	14:26	99	42	30.10	30.01	30.06	-0.01																							4			
Oct-06			66.6	19	16:06	96	46	30.05	29.93	29.99	-0.06																							3			
Oct-07	0830	1200	96.4	29	11:59	97	76	30.05	29.83	29.94	-0.05																				1			N			
Oct-08			101.2	19	12:50	86	59	30.25	30.05	30.15	0.21																							N			
Oct-09			157.7	23	20:07	97	78	30.24	30.12	30.18	0.03																								N		
Oct-10			182.4	27	9:27	100	93	30.12	29.92	30.02	-0.16																								R		
Oct-11	1400	2400	105.8	21	0:01	99	89	29.95	29.89	29.92	-0.10																								R		
Oct-12	1840	2115	111.2	18	14:49	100	93	30.11	29.93	30.02	0.10																								R		
Oct-13	0230	0320	117.1	19	14:01	100	95	30.27	30.10	30.19	0.17																								R		
Oct-14	0325	0330	78.3	15	11:10	97	68	30.29	30.21	30.25	0.06																								R		
Oct-15			45.0	14	9:28	100	63	30.22	30.08	30.15	-0.10																								5		
Oct-16			6.3	6	11:41	99	69	30.08	29.93	30.01	-0.15																								4		
Oct-17	1220	1230	73.0	23	16:01	100	65	29.94	29.78	29.86	-0.15																								R		
Oct-18			13.0	10	0:29	99	41	30.03	29.83	29.93	0.07																								4		
Oct-19	1815	1850	20.3	11	12:12	100	87	29.99	29.80	29.90	-0.04																								5		
Oct-20			22.8	13	3:22	98	35	30.11	29.87	29.99	0.10																								4		
Oct-21			25.6	14	13:58	99	39	30.17	29.99	30.08	0.09																								5	1	
Oct-22			40.9	13	6:07	87	47	29.99	29.80	29.90	-0.18																								3		
Oct-23	0600	0810	71.1	20	4:36	95	52	29.93	29.67	29.80	-0.09																								R		
Oct-24			28.3	18	13:14	96	40	30.16	29.93	30.05	0.25																								4	2	
Oct-25			18.3	13	13:46	95	30	30.34	30.15	30.25	0.20																									4	
Oct-26			79.2	26	13:14	98	30	30.33	29.99	30.16	-0.09																									5	
Oct-27			20.5	14	12:27	92	36	30.13	29.99	30.06	-0.10																									3	
Oct-28			9.1	9	11:55	98	44	30.26	30.11	30.19	0.13																									4	
Oct-29			21.5	9	9:33	86	44	30.36	30.25	30.31	0.12																									2	
Oct-30	0915	1050	27.2	14	12:42	97	71	30.31	30.15	30.23	-0.08																									R	
Oct-31			89.2	21	21:50	98	64	30.18	29.84	30.01	-0.22																									4	
TOTAL	Column 23		1691.1	486		3001	1774	934.37	929.24	931.81	0.00	GLAZE	SLEET	SNOW	FOG	THUNDER	DEW	FROST																			
Number	Mar. Wind Run		31	31	31	31	31	31	31	31	31																										
AVE.	Total	1691.1	54.6	15.68	0.48	96.8	57.2	30.14	29.98	30.06																											
Normals	Miles	1384.7	40.0	17.3		95.1	50.3	30.12	29.93	30.02																											
Departures	Miles	306.4	14.6	-1.6		1.7	-6.9	0.03	0.05	0.03																											
MAXIMUM DATES	Dates	182.4	29	HOUR	100	95	30.36	30.25	30.31	0.25	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																										
	1	Oct-10	Oct-07	0.499306	Oct-10	Oct-13	Oct-29	Oct-29	Oct-29	Oct-24																											
	2				Oct-12																																
	3				Oct-13																																
	4				Oct-15																																
MINIMUM DATES	Dates	4.9	6		86	30	29.93	29.67	29.80	-0.22	1. Very Light - Slight - Trace M - Event with intensity missing R - Rain hindering Dew Observation																										
	1	Oct-03	Oct-03		Oct-08	Oct-25	Oct-23	Oct-23	Oct-23	Oct-31																											
	2		Oct-16		Oct-29	Oct-26																															
MINIMUM		<=75	<=70	<=65	<=60	<=55	<=50	<=45	<=40	<=35	<=30	N- NONE																									
		31	31	31	26	19	13	8	6	3	2																										

Oct 2013	REMARKS FOR THE MONTH October - 2013
Oct-01	CLEARING STARTED AT 0945
Oct-02	BLUE SKY ALL DAY AND VERY FEW CLOUDS-ONLY A FEW CUMULUS BETWEEN 1240-1445
Oct-03	AM HAD SUNLIGHT THROUGH CIRRUS AND PM BECAME CLOUDY AT NOON TO 1500 THEN BROKEN ALTOCUMULUS CLOUDS
Oct-04	VERY FEW CLOUDS ALL DAY AND WARM FOR OCT.
Oct-05	CLEAR ALL DAY EXCEPT A FEW CUMULUS FROM 1400-1530-HOT FOR OCT.
Oct-06	CUMULUS CLOUDS CAME IN AT 1315 AND TOTALLY CLEAR AGAIN AT 1700 BUT CLOUDS AGAIN AT 1830-PM 20-25% CLOUDY
Oct-07	3RD PD. OF PRECIP. NOON TO 1505-COLD FRONT PASSED A LITTLE PAST NOON AND ONLY ONE THUNDER HEARD-JUST SPRINKLES FROM 0830-NOON
Oct-08	NO DEW BECAUSE OF CLOUDS AND BREEZE- COLD FRONT - TEMP. NOW ABOUT 7 DEGREES BELOW AVERAGE-BEFORE TODAY MONTH'S AVE. WAS +12 °F
Oct-09	SPRINKLES STARTED AT 0850 BUT NOT A MEASURABLE AMT. UNTIL 1225
Oct-10	ON AND OFF RAIN ALL DAY-LOWEST AMT. OF RAIN BETWEEN 1300-1445-ALSO WINDY WITH A LOW PRESSURE OFF COAST MOVING SLOWLY
Oct-11	DRIZZLE LAST NIGHT AND MOST OF DAY EXCEPT 1000-1400-CLOSED LOW IN REGION
Oct-12	CLOSED LOW GIVING CLOUDS AND DRIZZLE AND DAMP WEATHER-I DON'T REMEMBER A TIME WITH SO LITTLE PRECIP. OVER SUCH A LONG DURATION AND
Oct-13	VERY LIGHT RAIN FALL CONTINUES-3RD PD. 0845-0940, 4TH PD. 1110-1450, 5TH PD. 1630-1835-SKY CLEARED AT 1530 -PM AVERAGED 40-50% CLOUDY
Oct-14	3RD PD OF PRECIP. 0520-0525, 4TH PD. 0610-0615, 5TH PD. 0630-0645-THIS WAS THE END OF ALMOST A CONTINUOUS 105 HR. LIGHT RAINFALL
Oct-15	MOSTLY CLEAR FROM 0930-1215 AND PM WAS CLOUDY-AM EST. 45-50% CLOUDY
Oct-16	THE DAY WAS CLOUDY WITH ONLY A LITTLE SUN BET. 1130-1230
Oct-17	DAY WAS CLOUDY WITH ONLY A LITTLE SUN FROM 0815-1145
Oct-18	MOSTLY CLEAR IN AM BUT MANY VERY THIN CIRRUS AFTER 1315
Oct-19	VERY HEAVY DEW AND FOG THAT CLEARED ABOUT 0730-0745-ONLY A FEW SPRINKLES TODAY
Oct-20	COLDEST SINCE MAY 25, 2013 WHEN IT WAS 40 °F -NO CLOUDS WITH A DEEP BLUE SKY
Oct-21	TRACE OF FROST ON NEIGHBOR'S ROOF-A VERY THIN AM CIRRUS-PM CLEAR EXCEPT THICK CIRRUS 1730-1815-HIGHEST TEMP. TO HAVE A LIGHT FROST
Oct-22	AM WAS ABOUT 75-80% CLOUDY AND PM WAS ABOUT 80-85% CLOUDY
Oct-23	EARLY AM SHOWER WITH SLOW CLEARING THAT STARTED AROUND 1300
Oct-24	DEW ON GRASS, FROST ON DECK AND ROOFS WHITENED-GROUND TEMP. 62 °F AT 5 INS. THOUGHT TO REDUCE FROST ON LAWN-CLEAR TO NOON THEN CLO.
Oct-25	VERY HEAVY KILLING FROST - NO CLOUDS TODAY-LOW REL. HUMIDITY 30% AND DEW POINT MIN. OF 24.5 °F AT 1707
Oct-26	VERY HEAVY FROST AGAIN AND ANOTHER TOTALLY CLEAR DAY
Oct-27	CLOUDS CLEARED AT 1215 AND PM WAS CLEAR
Oct-28	SUN THROUGH THIN CIRRUS MOST OF DAY BUT WAS A LITTLE CLEARER IN PM-BOTH GREATER THAN 60% CLOUDY WITH CIRRUS
Oct-29	CLOUDY UNTIL 1100 AND TOTALLY CLEAR FROM 1130-1600 THEN CIRRUS FOLLOWED LATE BY CIRROSTRATUS
Oct-30	LIGHT MORNING SPRINKLES
Oct-31	CLOUDY ALL DAY EXCEPT 0900 TO 0930 AND A LIGHT PM SPRINKLE
DATE	EXTENSION OF LENGTHY DAILY REMARKS
Oct-07	HEAVIER RAIN STARTED AT NOON TO ABOUT 1300
Oct-12	3RD PD. OF PRECIP OCCURRED BETWEEN 2355-2400