

PAGE #1		Nov 2013 West Henrico Co. - Glen Allen Weather Center 37.6537° N. 77.5629° W. - Koontz																	
		TEMPERATURE				TEMPERATURE				SKY		PRECIPITATION			FROZ. PRECIP.		1st PERIOD		
Nov 2013	Week Day	MAX.	Time	MIN.	Time	RANGE	MEAN	CHANGE	SOIL	AM	PM	Liquid	1 Hr.	5 Min.	NEW	GROUND	START	END	
Nov-01	Fri	71	9:31	65	23:24	6	68.0	4.0	62	2	2	0.02	0.01	T			0705	0710	
Nov-02	Sat	73	13:58	47	23:51	26	60.0	-8.0	62	1	0	T	T	T			2108	2111	
Nov-03	Sun	61	12:16	37	23:58	24	49.0	-11.0	59	0	0								
Nov-04	Mon	50	14:46	34	6:42	16	42.0	-7.0	57	1	2								
Nov-05	Tue	56	13:39	37	3:30	19	46.5	4.5	56	2	2								
Nov-06	Wed	71	13:36	44	6:54	27	57.5	11.0	57	0	2								
Nov-07	Thu	70	11:27	39	23:59	31	54.5	-3.0	59	2	2	0.02	0.01	T			0520	0635	
Nov-08	Fri	58	14:07	31	6:20	27	44.5	-10.0	57	0	0								
Nov-09	Sat	59	14:30	28	6:33	31	43.5	-1.0	54	0	0								
Nov-10	Sun	70	14:15	40	23:58	30	55.0	11.5	54	0	0								
Nov-11	Mon	59	13:09	31	6:49	28	45.0	-10.0	53	1	1								
Nov-12	Tue	50	0:03	30	23:59	20	40.0	-5.0	54	2	2	T	T	T	T	None	0530	0535	
Nov-13	Wed	47	13:28	23	5:53	24	35.0	-5.0	51	0	0								
Nov-14	Thu	62	14:15	26	3:11	36	44.0	9.0	49	0	0								
Nov-15	Fri	61	14:02	37	7:08	24	49.0	5.0	50	2	2	0.02	0.02	0.01			2209	2400	
Nov-16	Sat	57	12:20	49	1:30	8	53.0	4.0	52	2	2	0.61	0.15	0.02			0001	0740	
Nov-17	Sun	68	13:46	50	7:15	18	59.0	6.0	55	2	2	0.02	0.02	0.01			2045	2145	
Nov-18	Mon	72	13:29	49	23:51	23	60.5	1.5	57	0	0	0.19	0.19	0.06			0315	0435	
Nov-19	Tue	52	13:22	38	23:54	14	45.0	-15.5	55	0	0								
Nov-20	Wed	50	14:24	33	6:41	17	41.5	-3.5	53	1	0								
Nov-21	Thu	56	13:52	37	0:01	19	46.5	5.0	52	2	2								
Nov-22	Fri	72	13:38	45	0:01	27	58.5	12.0	53	2	2	T	T	T			1645	1655	
Nov-23	Sat	62	0:01	38	23:58	24	50.0	-8.5	55	2	0								
Nov-24	Sun	38	0:01	21	23:59	17	29.5	-20.5	52	0	0								
Nov-25	Mon	39	14:16	17	4:16	22	28.0	-1.5	48	2	2								
Nov-26	Tue	61	22:31	35	7:36	26	48.0	20.0	48	2	2	1.30	0.35	0.08			0315	0910	
Nov-27	Wed	42	2:25	29	23:55	13	35.5	-12.5	49	2	2	1.50	0.53	0.09	T	None	0001	1645	
Nov-28	Thu	43	14:20	22	7:09	21	32.5	-3.0	47	0	0								
Nov-29	Fri	47	13:03	24	7:08	23	35.5	3.0	45	0	0								
Nov-30	Sat	43	13:41	25	7:08	18	34.0	-1.5	44	1	2								
TOTAL		1720		1061		659.0	1390.5	-30.0	1599	31	31	3.68	1.28	0.27	T	0	Col.26-27		
NUM		30	30	30	30	30	30	30	30	30	30	8	8	6	0	0	DAILY AVE RH		
AVE.		57.33	12:04	35.37	12:09	21.97	46.35		53.30	1.03	1.03	Ave. Tot.	Ave.Max	Ave.Max	Ave.Tot.	Ave.Days	65.2	Percent	
Normals		60.35		38.53		21.81	49.44		54.20	0.87	1.07	4.14	0.70	0.17	0.0	0.0	69.8	Percent	
Departures		-3.01		-3.17		0.15	-3.09		-0.90	0.16	-0.04	-0.46	0.58	0.10	T	0.0	-4.6	Percent	
MAX. Dates		73		65		36	68.0	20.0	62.0	Whole Day		1.50	0.53	0.09	T	0.0	Precip	24 Hr.	
		1	Nov-02	Nov-01		Nov-14	Nov-01	Nov-26	Nov-01	Ave. 1.03		Nov-27	Nov-27	Nov-27	Nov-12		Amount	2.63	
		2							Nov-02	Normal 0.97					Nov-27		Date	Nov. 26	
		3								Depart. 0.06							Date	Nov. 27	
MIN. Dates		38		17		6	28.0	-20.5	44.0	SKY	AM	PM	>= 0.10	Precip.	>= 1.00	Precip.	>= 2.00	Precip.	
		1	Nov-24	Nov-25		Nov-01	Nov-25	Nov-24	Nov-30	CLEAR	12	14	4	DAYS	2	DAYS	0	DAYS	
		2								P.CLO.	5	1	HOTTEST DAY 68.0 11-01		Highest Mean	Lowest Mean	COOLEST DAY	28.0 11-25	
		3								CLO.	13	15	>=45	>=40	>=35	>=30	>=25	>=20	
<=32 °F		0	<=32 °F	12	MAX.	>=80	>=75	>=70	>=65	>=60	>=55	>=50	>=45	>=40	>=35	>=30	>=25	>=20	
>=90 °F		0	>=70 °F	0		0	0	7	8	13	19	23	25	28	30	30	30	30	

PAGE #2 Nov 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
Nov 2013	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE				<div style="text-align: right;"> </div>								
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG	DEW	FROST			
Nov-01	1149	1155	167.0	33	0329	96	75	29.84	29.64	29.74	-0.27						4			
Nov-02			41.6	18	1535	99	31	29.90	29.64	29.77	0.03				1		5			
Nov-03			58.6	22	1136	97	30	30.40	29.90	30.15	0.38						4			
Nov-04			75.5	17	1135	80	38	30.62	30.40	30.51	0.36						1	1		
Nov-05			38.1	12	0930	88	62	30.60	30.46	30.53	0.02						N			
Nov-06			28.2	16	1149	98	52	30.46	30.09	30.28	-0.26						3			
Nov-07	1245	1315	65.4	17	1027	99	58	30.09	29.87	29.98	-0.29						R			
Nov-08			30.5	15	1433	91	31	30.32	30.07	30.20	0.22							3		
Nov-09			79.1	20	1208	98	31	30.37	30.09	30.23	0.04							5		
Nov-10			92.4	24	0921	88	23	30.25	29.97	30.11	-0.12						2			
Nov-11			63.7	20	1454	86	32	30.33	30.07	30.20	0.09			1				3		
Nov-12	0720	0730	135.6	34	1128	84	39	30.41	29.96	30.19	-0.01						2			
Nov-13			32.3	19	1002	78	31	30.50	30.40	30.45	0.26							2		
Nov-14			68.8	15	1310	89	17	30.41	30.26	30.34	-0.11							4		
Nov-15			75.0	16	1358	60	26	30.30	30.19	30.25	-0.09						N			
Nov-16	0820	0910	8.1	5	0009	99	89	30.30	30.22	30.26	0.01				2		R			
Nov-17	2230	2340	39.6	21	2340	100	71	30.23	29.80	30.02	-0.24				5		5			
Nov-18			65.5	22	0250	96	26	29.93	29.73	29.83	-0.19						R			
Nov-19			93.3	24	1054	70	38	30.35	29.92	30.14	0.31						N			
Nov-20			69.3	17	0942	85	46	30.52	30.35	30.44	0.30						N			
Nov-21			42.9	12	0313	90	62	30.53	30.40	30.47	0.03						N			
Nov-22	2115	2145	83.7	21	1754	86	56	30.40	30.01	30.21	-0.26						N			
Nov-23			78.2	20	0513	89	28	30.15	30.00	30.08	-0.13						N			
Nov-24			98.1	25	1051	63	23	30.55	30.15	30.35	0.28						N			
Nov-25			44.9	15	1355	78	29	30.59	30.37	30.48	0.13							3		
Nov-26	1043	2400	67.1	24	2224	99	32	30.38	29.56	29.97	-0.51						R			
Nov-27			70.0	20	1245	98	66	30.09	29.50	29.80	-0.17		1	1			R			
Nov-28			18.2	11	1208	83	37	30.48	30.09	30.29	0.49							2		
Nov-29			50.4	16	1306	90	38	30.69	30.44	30.57	0.28							4		
Nov-30			28.0	10	0912	89	48	30.69	30.36	30.53	-0.04							3		
TOTAL			1909.1	561		2646	1265	910.68	901.91	906.30	0.51	GLAZE	SLEET	SNOW	FOG	THUNDER	DEW	FROST		
Number	Mar. Wind Run		30	30	30	30	30	30	30	30	30									
AVE.	Total	1909.1	63.6	18.7		88.20	42.17	30.36	30.06	30.21										
Normals	Miles	1364.0	32.5	17.15		91.6	48.0	30.21	30.01	30.11										
Departures	Miles	545.1	31.2	1.55		-3.4	-5.8	0.15	0.06	0.10										
MAXIMUM DATES			Dates	167.0	34	HOUR	100	89	30.69	30.46	30.57	0.49	5. Very Heavy					N- None		
			1	Nov-01	Nov-12	1128	Nov-17	Nov-16	Nov-29	Nov-05	Nov-29	Nov-28	4. Heavy-Unusual							
			2			NNE			Nov-30				3. Moderate - Ave.							
			3										2. Light - < Ave.							
			4										1. Very Light - Slight - Trace							
MINIMUM DATES			Dates	8.1	5		60	17	29.84	29.50	29.74	-0.51	1. Very Light - Slight - Trace							
			1	Nov-16	Nov-16		Nov-15	Nov-14	Nov-27	Nov-27	Nov-01	Nov-26	M - Event with intensity missing							
			2										R - Rain hindering Dew Observation							
MINIMUM			<=75	<=70	<=65	<=60	<=55	<=50	<=45	<=40	<=35	<=30	<=25	<=20	<=15					
			30	30	30	29	29	29	25	23	15	10	6	1	0					

Nov 2013	REMARKS FOR THE MONTH November - 2013
Nov-01	3RD PD. OF PRECIP. 1510-1515-CLOUDY AND BREEZY TODAY
Nov-02	VERY HEAVY DEW-SOME AM ALTOCUMULUS TO EAST AND PM ONLY A FEW FAIR WEATHER CUMULUS-COLD FRONT PASSED AT 1900
Nov-03	ONLY A FEW FAIR WEATHER CUMULUS FROM 1015-1215-COLD FRONT PASSED AT ABOUT 0830
Nov-04	VERY LIGHT FROST AND DEW-CLEAR TO 0900 THEN THIN CIRRUS TO 1455 THEN ALTOCUMULUS AND THIN PM CIRRUS
Nov-05	MOSTLY CLOUDY ALL DAY WITH MAINLY ALTOCUMULUS CLOUDS AND A NNE TO NE WIND
Nov-06	CLOUDS CAME IN AT 0930-BEAUTIFUL PM ALTOCUMULUS STRATIFORMIS CLOUDS - ONLY CALLED ALTOCUMULUS UNDULATUS
Nov-07	MOSTLY CLOUDY ALL DAY-A FEW BROKEN SKY PDS. BETWEEN 0915-1100
Nov-08	SOME CUMULUS FROM 1045-1400 BUT BECAUSE CLOUDS WERE SPLIT BET. AM AND PM NOT ENOUGH CLOUDS TO GO PARTLY CLOUDY
Nov-09	HEAVY FROST AND VERY CLEAR DAY
Nov-10	VERY LITTLE DEW BECAUSE OF WIND BUT A VERY CLEAR AND WARM DAY FOR NOV.
Nov-11	THIN CIRRUS 0745-0815 AND THICKER FIBROUS CIRRUS FROM 0930-1045-SOME CIRRUS BUT MOSTLY IN PM
Nov-12	SNOW FLURRIES FROM 1225-1245 AND HARDEST AT ABOUT 1240 BUT IT MELTED ON CONTACT-3RD PD. OF SNOW FLURRIES 1225-1245-WIND MADE IT
Nov-13	COLDEST SINCE 3/22/2013 WHEN IT WAS 22 °F -COLDER TODAY BUT FELT WARMER WITH SUNNY CONDITIONS AND LITTLE WIND
Nov-14	2ND LOWEST REL. HUMIDITY FOR NOV. - ONLY NOV. 8, 2012 HAD A LOWER REL. HUMIDITY FOR NOV. AT 16%
Nov-15	CLEAR START TO DAY BUT CIRRUS BY 0645 AND CLOUDY WITH CIRRUS BY 0800 AND ALTOCUMULUS CAME IN AFTER THAT
Nov-16	CLOUDY, DAMP WET DAY WITH A LITTLE FOG
Nov-17	HEAVY AM FOG-VISIBILITY AT MIN. AROUND 0700 0.2 MILE-CLOUDY WITH ONLY A FEW BREAKS IN CLOUDS-VERY WARM FOR NOV.
Nov-18	TOTALLY CLOUDY UNTIL 0715 THEN PC TO 0900-VERY CLEAR REST OF DAY AND BEAUTIFUL FOR NOV.-AM CLOUDINESS EST. 25-30%
Nov-19	VERY CLEAR BUT COOL AND BREEZY DAY
Nov-20	BREEZY DAY WITH LOW REL. HUMIDITY AND NO DEW-CIRRUS FROM SUNRISE TO 0930-MOSTLY CLEAR 1045-1615 THEN CIRRUS AGAIN IN WEST
Nov-21	CLOUDY ALL DAY WITH VERY FEW BREAKS IN CLOUDS
Nov-22	CLOUDY TO 1100 AND CLEAR 1130-NOON AND PC TO 1345 THEN CLOUDY AGAIN
Nov-23	AM JUST A FEW BREAKS IN CLOUDS EST. 95% CLOUDY-PM EST. ABOUT 15-20% CLOUDY
Nov-24	VERY LOW DEW POINT OF 0.7 °F AT 1643-CLEAR, WINDY AND COLD FOR NOV. AND +3 °F ABOVE 116 YEAR REC. LOW MAXIMUM AT AIRPORT
Nov-25	COLDEST SINCE 2/18/2013 WHEN IT WAS 16 °F -CLOUDY UNTIL 1045 THEN BROKEN OVERCAST-CLOUD TYPES MAINLY CIRRUS AND ALTOCUMULUS
Nov-26	SLEET TO WEST BUT ONLY RAIN HERE
Nov-27	SLEET MAINLY BET. 1310-1320 AND FEW WET SNOW FLAKES AROUND 1400-ALL MELTED WITHIN 5-10 MINS.
Nov-28	CLEARED OFF QUICKLY LAST NIGHT AND GRASS HAD FROZEN RAIN WITH ALSO A LIGHT FROST
Nov-29	VERY CLEAR DAY AND A LITTLE WARMER
Nov-30	HIGHEST BAROMETER SINCE 3/6/2012 WHEN IT WAS 30.71
DATE	EXTENSION OF LENGTHY DAILY REMARKS
Nov-12	FEEL LIKE A COLD WINTER'S DAY