

PAGE #1		Nov 2012 West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Nov 2012	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		
Nov-01	Thu	58	13:20	39	0:57	19	48.5	1.5	57	2	2									
Nov-02	Fri	58	15:27	35	6:07	23	46.5	-2.0	57	1	1									
Nov-03	Sat	56	15:24	31	5:03	25	43.5	-3.0	55	1	0									
Nov-04	Sun	55	13:11	40	21:00	15	47.5	4.0	55	2	2	T	T	T				0440	0445	
Nov-05	Mon	53	14:14	31	6:28	22	42.0	-5.5	55	0	0									
Nov-06	Tue	46	13:09	28	6:23	18	37.0	-5.0	53	2	2									
Nov-07	Wed	46	14:20	39	5:14	7	42.5	5.5	54	2	2	T	T	T	T			0230	0310	
Nov-08	Thu	62	14:39	34	23:55	28	48.0	5.5	54	2	0	T	T	T	T			0130	0140	
Nov-09	Fri	62	14:55	28	5:57	34	45.0	-3.0	52	0	0									
Nov-10	Sat	71	14:30	34	6:36	37	52.5	7.5	52	0	0									
Nov-11	Sun	75	13:41	41	6:16	34	58.0	5.5	54	0	0									
Nov-12	Mon	74	11:34	50	5:19	24	62.0	4.0	55	0	2									
Nov-13	Tue	66	0:48	35	23:59	31	50.5	-11.5	58	2	1	0.39	0.11	0.02				0235	1225	
Nov-14	Wed	49	14:11	31	6:43	18	40.0	-10.5	53	0	2									
Nov-15	Thu	49	15:24	32	0:17	17	40.5	0.5	53	2	2	T	T	T				2035	2040	
Nov-16	Fri	55	13:54	33	23:43	22	44.0	3.5	53	1	0	T	T	T				0037	0040	
Nov-17	Sat	55	12:59	32	2:34	23	43.5	-0.5	51	0	0									
Nov-18	Sun	55	12:50	42	6:49	13	48.5	5.0	52	2	2									
Nov-19	Mon	53	15:22	40	23:43	13	46.5	-2.0	53	2	2									
Nov-20	Tue	58	13:54	39	23:57	19	48.5	2.0	53	2	2									
Nov-21	Wed	58	12:58	34	6:25	24	46.0	-2.5	52	0	0									
Nov-22	Thu	61	13:52	31	6:56	30	46.0	0.0	51	0	0									
Nov-23	Fri	68	14:01	29	6:07	39	48.5	2.5	50	0	1									
Nov-24	Sat	51	0:01	27	23:56	24	39.0	-9.5	51	0	0									
Nov-25	Sun	50	13:58	24	6:52	26	37.0	-2.0	48	1	1									
Nov-26	Mon	63	13:40	35	5:39	28	49.0	12.0	49	0	0									
Nov-27	Tue	47	0:01	34	23:19	13	40.5	-8.5	51	2	2	0.07	0.02	0.01				0425	1600	
Nov-28	Wed	51	14:34	29	23:56	22	40.0	-0.5	49	1	0									
Nov-29	Thu	53	13:46	24	7:05	29	38.5	-1.5	47	0	0									
Nov-30	Fri	56	13:23	31	6:44	25	43.5	5.0	47	1	2									
TOTAL		1714		1012		702.0	1363.0	-3.5	1574	28	28	0.46	0.13	0.03	T	0		Col.26-27		
NUM		30	30	30	30	30	30	30	30	30	30	2	2	2	0	0		DAILY AVE RH		
AVE.		57.13	12:36	33.73	10:55	23.40	45.43		52.47	0.93	0.93	Ave. Tot.	Ave.Max	Ave.Max	Ave.Tot.	Ave.Days	65.6	Percent		
Normals		61.15		39.73		21.42	50.44		54.63	0.86	1.11	4.14	0.84	0.24	0.0	0.0	70.9	Percent		
Departures		-4.02		-0.99		1.98	-5.01		-2.17	0.07	-0.18	-3.68	-0.71	-0.21	T	0.0	-5.3	Percent		
MAX. Dates		75		50		39	62.0	12.0	58.0	Whole Day		0.39	0.11	0.02	T	0.0	Precip	24 Hr.		
		1	Nov-11		Nov-12		Nov-23	Nov-12	Nov-26	Nov-13	Ave.	0.93	Nov-13	Nov-13	Nov-13	Nov-07		Amount	0.39	
		2								Normal	0.98				Nov-08		Date		Nov-13	
		3								Depart.	-0.05						Date			
MIN. Dates		46		24		7	37.0	-11.5	47.0	SKY	AM	PM	>= 0.10	Precip.	>= 1.00	Precip.	>= 2.00	Precip.		
		1	Nov-06		Nov-25		Nov-07	Nov-06	Nov-13	CLEAR	13	14	1	DAYS	0	DAYS	0	DAYS		
		2	Nov-07		Nov-29			Nov-25		P.CLO.	6	4	HOTTEST DAY		0	Highest Mean	Lowest Mean	COOLEST DAY	37	
		3								CLO.	11	12	DAY		11-12			DAY	11-06	
<=32 °F		0	<=32 °F	14	MAX.	>=80	>=75	>=70	>=65	>=60	>=55	>=50	>=45	>=40	>=35	>=30	>=25	>=20		
>=90°F		0	>=70°F	0		0	1	3	5	9	19	25	30	30	30	30	30	30		

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20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38	
Nov	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE												GLAZE	SLEET	SNOW	FOG	DEW	FROST												
2012	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE																										
Nov-01			32.6	13	1435	87	45	29.79	29.67	29.73	0.14																							3			
Nov-02			44.8	21	1157	89	33	29.95	29.77	29.86	0.13																							3	1		
Nov-03			34.2	18	1038	95	41	30.10	29.95	30.03	0.16																								4		
Nov-04			31.4	15	2249	86	46	30.11	29.99	30.05	0.02																										
Nov-05			57.2	19	0836	89	40	30.16	30.04	30.10	0.05																								3		
Nov-06			58.5	14	1150	94	53	30.20	29.96	30.08	-0.02																								5		
Nov-07	0415	0500	97.2	18	0947	79	53	29.96	29.85	29.91	-0.17																										
Nov-08			39.5	25	1158	75	16	30.17	29.90	30.04	0.13																										
Nov-09			15.9	13	1130	90	33	30.23	30.07	30.15	0.11																								4		
Nov-10			18.2	12	1340	95	26	30.36	30.22	30.29	0.14																								2		
Nov-11			49.6	21	1312	90	28	30.46	30.36	30.41	0.12																								2		
Nov-12			73.2	21	1127	96	54	30.43	30.15	30.29	-0.12																								3		
Nov-13			121.8	21	0403	97	59	30.46	30.13	30.30	0.01																										
Nov-14			81.5	18	0932	83	48	30.53	30.42	30.48	0.18																								3		
Nov-15			60.3	12	1110	85	67	30.42	30.28	30.35	-0.13																										
Nov-16			44.1	18	1020	94	42	30.42	30.27	30.35	-0.01																										
Nov-17			90.4	18	1308	92	35	30.56	30.42	30.49	0.15																								4		
Nov-18			139.6	20	1904	92	61	30.54	30.43	30.49	-0.01																								1		
Nov-19			116.3	20	0241	90	68	30.43	30.20	30.32	-0.17																										
Nov-20			24.0	9	0508	92	56	30.20	30.07	30.14	-0.18																										
Nov-21			48.7	17	1208	98	32	30.20	30.11	30.16	0.02																								3		
Nov-22			37.9	14	1150	94	28	30.26	30.15	30.21	0.05																								4		
Nov-23			82.6	20	1407	93	31	30.15	29.80	29.98	-0.23																								4		
Nov-24			64.3	18	0340	67	32	30.08	29.82	29.95	-0.03																										
Nov-25			79.1	18	2122	78	31	30.11	29.97	30.04	0.09																								3		
Nov-26			27.4	11	1300	70	25	30.19	30.00	30.10	0.05																										
Nov-27			49.5	17	1318	95	55	30.25	30.11	30.18	0.09																										
Nov-28			26.1	12	1401	97	48	30.37	30.23	30.30	0.12																								4		
Nov-29			22.9	13	1235	96	37	30.48	30.34	30.41	0.11																								5		
Nov-30			17.9	9	0848	91	41	30.36	30.29	30.33	-0.09																								2		
TOTAL			1686.7	495		2669	1264	907.93	902.97	905.45	0.73																										
Number	Mar. Wind Run		30	30	30	30	30	30	30	30	30																										
	Total		1686.7	56.2	16.5	88.97	42.13	30.26	30.10	30.18																											
Normals			Miles	1283.3	32.5	17.31	92.3	49.4	30.20	29.99	30.09																										
Departures			Miles	403.4	23.8	-0.81	-3.3	-7.3	0.07	0.11	0.09																										
MAXIMUM			Dates	139.6	25	HOUR	98	68	30.56	30.43	30.49	0.18																									
DATES			1	Nov-18	Nov-08	1158	Nov-21	Nov-19	Nov-17	Nov-18	Nov-17	Nov-14						5. Very Heavy																			
			2															4. Heavy-Unusual																			
			3															3. Moderate - Ave.																			
			4															2. Light - < Ave.																			
MINIMUM			Dates	15.9	9		67	16	29.79	29.67	29.73	-0.23						1. Very Light - Slight - Trace																			
			1	Nov-09	Nov-20		Nov-24	Nov-08	Nov-01	Nov-01	Nov-01	Nov-23						M - Event with intensity missing																			
			2		Nov-30																																
MINIMUM			<=75	<=70	<=65	<=60	<=55	<=50	<=45	<=40	<=35	<=30	<=25	<=20	<=15																						
			30	30	30	30	30	30	29	27	22	7	2	0	0																						

<b>Nov 2012</b>	<b>REMARKS FOR THE MONTH November - 2012</b>
Nov-01	SUN THROUGH THIN CIRRUS IN AM AND ALTOCUMULUS IN PM-PM80-85% CLOUDY
Nov-02	COLDEST AM SINCE APRIL 12, 2012 WHEN IT WAS 33 °F -CLOUDS CAME IN AT 0915-AM ABOUT 50% CLOUDY-CLEARING AFTER 1400-PM EST. 35% CLOUDY
Nov-03	COLDEST AM SINCE MARCH 11, 2012 WHEN IT WAS 30 °F -HEAVY FROST AROUND 0530 MELTED BY 0730
Nov-04	SOME SUN THROUGH THIN CLOUDS BUT MOST OF SKY WAS COVERED ALL DAY
Nov-05	NO CLOUDS ALL DAY AND COLDEST AM SINCE MARCH 11, 2012 BY 0.2 °F
Nov-06	COLDEST AM SINCE MARCH 6, 2012 WHEN IT WAS 23 °F -MORE SUNLIGHT IN AM THAN PM BUT THROUGH CIRRUS CLOUDS
Nov-07	3RD PD. OF SPRINKLES 0640-0645-SNOW FLURRIES BET. 1900-1945 HARDLY DISCERNIBLE AND 2100-2110 MELTED ON CONTACT WITH SURFACES
Nov-08	SUN THROUGH CIRRUS FROM SUNRISE TO 1100-PRECIP. FROM 0130-0140 THOUGHT TO BE A SNOW FLURRY BUT WAS NOT OBSERVED-SUSPECTED BUT
Nov-09	BEAUTIFUL FALL DAY
Nov-10	ONLY A FEW SCATTERED CIRRUS ALL DAY AND THICK CIRRUS IN WEST AT SUNSET
Nov-11	BEAUTIFUL FALL DAY-CLEAR ALL DAY TO 1545 THEN SOME CIRRUS CLOUDS-14 DEGREES WARMER THAN ANY OTHER NOV. 11 AT GLEN ALLEN
Nov-12	BEAUTIFUL FALL DAY EVEN WARM AT NIGHT-AM ABOUT 20-25% CLOUDY WITH CIRRUS
Nov-13	COLD FRONT PASSED AT 0320- CLEARINGN STARTED AT 1415 AND CLEAR BY 1515
Nov-14	CLEAR AM -FIRST CLOUDS SCATTERED CUMULUS AT 1030-PM SCATTERED CIRRUS TO 1500 THEN SOLID OVERCAST-PM 70-75% CLOUDY
Nov-15	CLOUDY DAMP CHILLY FALL DAY
Nov-16	AM PARTLY CLOUDY EST. CLOUD COVER ABOUT 30-40%-ONLY SLIGHTEST OF SPRINKLES-MOISTURE SENSOR READ 1
Nov-17	
Nov-18	SUN THROUGH THIN CIRRUS IN AM THAT BECAME ALTOCUMULUS IN PM
Nov-19	NO DEW-CLOUDY AND COOL DAY FOR DATE ALSO BREEZY
Nov-20	WINDY AND CLOUDY AM - NO DEW AND 5 DEGREES WARMER TODAY
Nov-21	BEAUTIFUL FALL DAY
Nov-22	ANOTHER BEAUTIFUL FALL DAY-DEEP BLUE SKY AND LOW REL. HUMIDITY OF 28%
Nov-23	COLD FRONT APPROACHING GAVE SOME PM CLOUDS BUT A WARM NOV. DAY
Nov-24	TOO DRY FOR DEW-AM MAX. REL. HUMIDITY WAS ONLY 58% WITH A BREEZE-HIGH REL. HUMIDITY FOR DAY WAS RECORDED AT 2400
Nov-25	LOWEST MIN. TEMP. SINCE MARCH 6, 2012-ALTOCUMULUS FROM 1400-1500
Nov-26	AM WAS ABOUT 30% CLOUDY-ANOTHER BEAUTIFUL FALL DAY
Nov-27	OFF AND ON VERY LIGHT SPRINKLES TODAY AND COOL FOR NOV.
Nov-28	DEW AND FROZEN DEW AND RAIN FROM YESTERDAY-MOSTLY CLOUDY UNTIL 1030-AM EST. 50% CLOUDY
Nov-29	COLDEST DAY SINCE MARCH 6, 2012 WHEN IT WAS 23 °F -EXTREMELY HEAVY FROST
Nov-30	BEAUTIFUL SUNRISE - AM ABOUT 60% CLOUDY WITH CIRRUS BUT WITH SUNLIGHT PASSING THROUGH CLOUDS - PM CLOUDY WITH ALTOSTRATUS
<b>DATE</b>	<b>EXTENSION OF LENGTHY DAILY REMARKS</b>
Nov-08	BASED ON THE OBSERVATIONS OF THE 7TH AND THE MOISTURE SENSOR DID NOT GO ABOVE 2