


Mar 2013		West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz																	
Mar 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	
Mar-01	Fri	46	11:37	30	6:39	16	38.0	-5.5	45	2	2								
Mar-02	Sat	40	11:35	30	22:12	10	35.0	-3.0	44	2	2								
Mar-03	Sun	46	15:30	24	6:39	22	35.0	0.0	42	2	1								
Mar-04	Mon	49	16:06	20	6:39	29	34.5	-0.5	41	0	0								
Mar-05	Tue	49	14:11	25	3:39	24	37.0	2.5	42	2	2	0.39	0.14	0.05			1730	2400	
Mar-06	Wed	38	21:34	33	7:22	5	35.5	-1.5	43	2	2	2.24	0.47	0.10	3.7	2.9	0001	1845	
Mar-07	Thu	50	13:49	31	6:14	19	40.5	5.0	41	0	1					T			
Mar-08	Fri	49	14:09	31	6:28	18	40.0	-0.5	40	1	0					T			
Mar-09	Sat	60	14:34	32	6:31	28	46.0	6.0	41	0	0								
Mar-10	Sun	64	15:48	29	7:03	35	46.5	0.5	43	0	0								
Mar-11	Mon	66	16:38	42	4:56	24	54.0	7.5	45	2	2								
Mar-12	Tue	71	15:13	46	23:57	25	58.5	4.5	49	2	2	0.56	0.25	0.06			0155	0200	
Mar-13	Wed	54	12:24	31	7:06	23	42.5	-16.0	49	0	1	0.01	0.01	T			1515	1530	
Mar-14	Thu	52	15:29	26	7:21	26	39.0	-3.5	46	0	0								
Mar-15	Fri	59	15:53	27	6:28	32	43.0	4.0	45	2	1								
Mar-16	Sat	70	16:29	44	3:36	26	57.0	14.0	47	2	2	0.38	0.28	0.08			0715	0930	
Mar-17	Sun	46	0:01	33	23:52	13	39.5	-17.5	49	2	2	0.59	0.29	0.08	0.6	0.0	0930	2400	
Mar-18	Mon	36	16:05	33	3:38	3	34.5	-5.0	46	2	2	0.55	0.23	0.04	0.5	0.6	0001	1110	
Mar-19	Tue	64	16:56	34	1:18	30	49.0	14.5	43	2	0	0.01	0.01	0.01		None	0045	0120	
Mar-20	Wed	56	16:01	29	7:00	27	42.5	-6.5	45	0	0								
Mar-21	Thu	48	0:01	27	23:57	21	37.5	-5.0	46	2	1	T	T	T	0.1	None	0710	0825	
Mar-22	Fri	50	17:23	22	6:32	28	36.0	-1.5	44	0	0								
Mar-23	Sat	57	17:35	25	6:19	32	41.0	5.0	44	1	0								
Mar-24	Sun	42	0:17	32	20:42	10	37.0	-4.0	45	2	2	0.43	0.18	0.04	3.9	3.2	1301	2035	
Mar-25	Mon	38	11:44	32	2:15	6	35.0	-2.0	44	2	2	0.21	0.07	0.02	0.8	0.8	0015	0735	
Mar-26	Tue	50	14:27	28	5:44	22	39.0	4.0	43	0	2					None			
Mar-27	Wed	52	13:03	28	6:50	24	40.0	1.0	43	0	2	T	T	T			1520	1523	
Mar-28	Thu	54	14:11	29	7:05	25	41.5	1.5	43	0	2								
Mar-29	Fri	58	16:00	35	5:57	23	46.5	5.0	44	1	0								
Mar-30	Sat	64	15:27	33	6:09	31	48.5	2.0	46	0	0								
Mar-31	Sun	56	17:33	47	4:03	9	51.5	3.0	48	2	2	0.17	0.10	0.03			0846	1250	
TOTAL		1634		968		666.0	1301.0	8.0	1376	35	35	5.54	2.03	0.51	9.6	7.5	Col. 26 - 27		
NUMBER		31	31	31	31	31	31	31	31	31	31	11	11	10	6	5	DAILY AVE RH		
AVERAGE		52.71	13:47	31.23	8:31	21.48	41.97		44.39	1.13	1.13	Ave Tot.	AveMax	AveMax	AveTot.	AveDays	63.9	Percent	
Normals		61.84		40.12		21.72	50.98		49.82	1.12	1.19	4.14	0.50	0.10	3.0	1.0	65.0	Percent	
Departures		-9.13		-8.90		-0.23	-9.01		-5.44	0.01	-0.06	1.40	-0.03	0.00	6.7	4.0	-1.1	Percent	
MAX. DATES		71		47		35	58.5	14.5	49.0	Whole Day AVE.		2.24	0.47	0.10	3.9	3.2	Precip Amount	24 Hr.	
		1	Mar-12	Mar-31		Mar-10	Mar-12	Mar-19	Mar-12	1.13		Mar-06	Mar-06	Mar-06	Mar-24	Mar-24	Date	Mar-06	
		2							Mar-13	1.16							Date	Mar-07	
		3							Mar-17	-0.03							Date	Mar-07	
MIN. DATES		36		20		3	34.5	-17.5	40.0	SKY		>= 0.10	INCHES		>= 1.00	INCHES		>= 2.00	INCHES
		1	Mar-18	Mar-04		Mar-18	Mar-04	Mar-17	Mar-08	AM	PM	9	DAYS		1	DAYS		1	DAYS
		2					Mar-18			CLEAR	12	11					COOLEST	34.5	
		3								P.CLO.	3	5	HOTTEST DAY		58.5	Highest Mean	Lowest Mean	COOLEST DAY	34.5
										CLO.	16	15	DAY		3-12				3-04
<=32°F		0	<=32°F	21	MAX.	>=80	>=75	>=70	>=65	>=60	>=55	>=50	>=45	>=40	>=35	>=30			
>=90°F		0	>=70°F	0		0	0	2	3	7	12	19	26	28	31	31			

20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38	
Mar 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																				
Mar-01			52.2	17	1116	85	48	29.89	29.76	29.83	0.14																							1			
Mar-02			58.1	14	0206	72	51	29.90	29.82	29.86	0.03																										
Mar-03			45.9	14	0935	84	34	29.93	29.79	29.86	0.00																									2	
Mar-04			38.8	19	1250	77	26	30.05	29.92	29.99	0.13																									3	
Mar-05			45.9	18	2112	94	32	30.08	29.69	29.89	-0.10																										
Mar-06			188.3	37	1714	100	88	29.97	29.43	29.70	-0.18		3	3			1																				
Mar-07			98.1	31	1208	86	41	30.17	29.97	30.07	0.37																									3	
Mar-08			127.9	30	1010	78	43	30.25	30.13	30.19	0.12																									2	
Mar-09			56.5	18	0756	76	26	30.32	30.24	30.28	0.09																									1	
Mar-10			39.9	12	1120	91	18	30.32	30.21	30.27	-0.02																									3	
Mar-11			83.7	22	1640	96	52	30.24	29.94	30.09	-0.18																									5	
Mar-12	0300	1335	133.8	23	1010	100	63	29.94	29.72	29.83	-0.26																										
Mar-13			81.0	24	1525	95	33	30.07	29.91	29.99	0.16																									3	
Mar-14			69.0	21	1243	70	24	30.17	30.04	30.11	0.11																										
Mar-15			88.5	26	1437	73	29	30.11	29.81	29.96	-0.15																										
Mar-16	1743	1920	70.5	29	1749	93	50	29.85	29.58	29.72	-0.25																									1	
Mar-17			56.8	12	0014	93	84	30.27	29.85	30.06	0.35		3	2																							
Mar-18	1315	2320	46.6	14	0727	99	94	30.27	29.88	30.08	0.01		2	1																							
Mar-19			69.9	33	1658	100	19	29.97	29.74	29.86	-0.22																									4	
Mar-20			81.5	22	2140	58	19	30.04	29.76	29.90	0.05																										
Mar-21			123.6	30	0320	86	27	29.92	29.70	29.81	-0.09																										
Mar-22			64.1	19	1305	63	27	30.01	29.90	29.96	0.14																										
Mar-23			35.5	18	1347	84	23	30.06	29.91	29.99	0.03																										2
Mar-24			46.4	13	1028	96	41	29.97	29.61	29.79	-0.20		1	3																							
Mar-25	1215	1745	23.3	11	1714	97	83	29.71	29.52	29.62	-0.17																										
Mar-26			52.1	18	1220	97	38	30.02	29.71	29.87	0.25																										2
Mar-27			59.7	19	1629	90	33	30.15	30.02	30.09	0.22																										4
Mar-28			66.7	22	1233	79	32	30.25	30.11	30.18	0.09																										1
Mar-29			36.8	17	1239	76	30	30.27	30.15	30.21	0.03																										
Mar-30			36.2	16	1312	88	26	30.22	30.09	30.16	-0.05																									4	
Mar-31			60.6	15	1131	97	53	30.10	29.75	29.93	-0.23																										2
TOTAL	Column 23		2137.9	634		2673	1287	932.49	925.66	929.08	0.24	GLAZE	4	6	1	2	3	13																			
Number	Mar. Wind Run		31	31	31	31	31	31	31	31	31																										
AVE.	Total		2137.9	69.0	20.5	86.2	41.5	30.08	29.86	29.97																											
Normals	Miles		1698.0	46.7	18.7	87.8	42.1	30.17	29.93	30.05																											
Departures	Miles		439.9	22.3	1.8	-1.6	-0.6	-0.09	-0.07	-0.08																											
MAXIMUM DATES		Dates	188.3	37	HOUR	100	94	30.32	30.24	30.28	0.37	5. Very Heavy 4. Heavy-Unusual 3. Moderate - Ave. 2. Light - < Ave. 1. Very Light - Slight - Trace M - Event with intensity missing																									
		1	Mar-06	Mar-06	1714	Mar-06	Mar-18	Mar-09	Mar-09	Mar-09	Mar-07																										
		2				Mar-12		Mar-10																													
		3				Mar-19																															
MINIMUM DATES		Dates	23.3	11		58	18	29.71	29.43	29.62	-0.26																										
		1	Mar-25	Mar-25		Mar-20	Mar-10	Mar-06	Mar-06	Mar-25	Mar-12																										
		2																																			
MINIMUM			<=70	<=65	<=60	<=55	<=50	<=45	<=40	<=35	<=30	<=25	<=20	<=15																							
			31	31	31	31	31	29	27	27	15	5	1	0																							

Mar
2013

REMARKS FOR THE MONTH

March - 2013

Mar-01	ABOUT 5-10% CLEAR IN AM WITH A PM OF HEAVY OVERCAST AND CHILLY TEMPERATURES
Mar-02	A CHILLY DAY WITH TOTAL CLOUDINESS BUT NO PRECIP.
Mar-03	6 DEGREES WARMER THIS MORNING BUT STILL A CHILLY NORTH WIND AND CLOUDY AM
Mar-04	LOW TEMPS. MADE DAFFODIL STEMS COLLAPSE-BREEZY, CHILLY BUT A SUNNY DAY
Mar-05	HEAVY SNOW IN FORECAST FOR NVA-WE SHOULD STILL GET SOME BUT TEMPS. MAY BE TOO WARM FOR MUCH SNOW HERE
Mar-06	STORM TOOK A MORE SOUTHERLY TRACK WHICH MEANT RICHMOND GOT MUCH MORE SNOW THAN DC-CORE SAMPLE TAKEN AT 1115 WHEN MAX. SNOW OF 3.5 INS.
Mar-07	CORE TAKEN A 0700 WITH 2.2 INS. OF SNOW ON GROUND HAD A WATER EQUIVALENT OF 0.77 INS.
Mar-08	VERY SLIGHT TRACE OF SNOW STILL AT SUNSET ALONG EAST SIDE OF YARD FENCE-WINDY WITH MIN. CHILL FACTOR OF 23 °F AT 0654
Mar-09	NO CLOUDS ALL DAY AND DEEP BLUE SKY AND LOW REL. HUMIDITY OF 26% AND ALSO LITTLE PM WIND
Mar-10	VERY CLEAR AM SKY AND ONLY A FEW PM VERY HIGH THIN CIRRUS-ALSO VERY LOW REL. HUMIDITY OF 18% AT 1556
Mar-11	VERY LIGHT AM FOG-CLOUDY ALL DAY-SUN THROUGH ALTOSTRATUS IN PM AND FEW BREAKS IN MORNING CLOUDS
Mar-12	AM WAS 100% CLOUDY AND PM WAS 70-75% CLOUDY-RAIN ENDED EARLY IN PM AND IT WAS PC BY 1500 TO SUNSET
Mar-13	PM VIRGA COMMON - CLOUDS CAME IN ABOUT NOON BUT CLEAR AGAIN AFTER 1615
Mar-14	CLEAR, CHILLY DAY DUE TO WINDY CONDITIONS EVEN WITH CLEAR SUNNY SKY-A FEW AM CIRRUS OBSERVED
Mar-15	FILTERED SUNLIGHT THROUGH THIN CIRRUS-THICK AM CIRRUS BECAME THIN PM CIRRUS
Mar-16	WARM FRONT PASSED AT 1000 - COLD FRONT PASSED AT 1745 -MOSTLY CLEAR FROM 1100-1215 & MOSTLY CLOUDY REST OF DAY-WE HAD AM WARM FRONT
Mar-17	ON AND OFF LIGHT SPRINKLES MOST OF DAY-COLDER IN DAY THAN AT MIDNIGHT
Mar-18	VERY COLD DAMP DRIZZLY DAY WITH ONLY A 3 DEGREE TEMP. RANGE
Mar-19	SKY STARTED OUT CLEAR AT 1145 AND CLEAR BY NOON WITH NO PM CLOUDS AND VERY LOW REL. HUMIDITY OF 19%
Mar-20	VERY DRY AIR-NO FROST AND LOW DEW POINT OF 6 °F AT 0148
Mar-21	VERY COLD FOR SPRING WITH A VERY LATE MORNING SNOW EVEN IF IT WAS A SMALL AMOUNT
Mar-22	A BOLIDE METEOR WAS SEEN AT ABOUT 1954 IN NE SKY-IT STARTED OUT WHITE ABOUT 3/4 SIZE OF THE MOON WITH A WHITE TAIL ALMOST LOOKING LIKE A COMET
Mar-23	AM ABOUT 60% CLOUDY AND PM ABOUT 40% CLOUDY
Mar-24	THIS SPRING SNOW WAS LARGER THAN ANY OF WINTER-TOOK CORE SAMPLE AT MAX.3.9 SNOW DEPTH AND GOT WATER EQUIVALENT OF 0.37 INS.
Mar-25	SEVERAL SNOW SHOWERS TODAY THAT MELTED AS THEY FELL-VERY LOW MAX. TEMP. FOR MARCH-AIRPORT HAD MAX. OF 39 °F WHICH WAS ONLY 3 DEGREES
Mar-26	AM ABOUT 15-20% CLOUDY AND PM EST. TO BE 75-80% CLOUDY
Mar-27	NO CLOUDS IN AM UNTIL 1145 BUT PM WAS ABOUT 90% CLOUDY - VIRGA SEEN IN PM WITH A FEW SPRINKLES HERE
Mar-28	CLEAR UNTIL 1100 THEN PC TO 1445 THEN CLOUDY TO SUNSET
Mar-29	AM ABOUT 50-60% CLOUDY AND PM WAS ABOUT 25-30% CLOUDY
Mar-30	NOT MUCH FROST BUT MORE DEW-GRASS STILL WET AT1000
Mar-31	RAIN FROM A WARM FRONT THAT PASSED GLEN ALLEN LATER THAN EXPECTED AND COOLER TODAY THAN EXPECTED.

DATE

EXTENSION OF LENGTHY DAILY REMARKS

Mar-06	WAS ON THE GROUND AND FOUND IT HAD 0.95 INS.OF WATER-BETWEEN 0.5-0.8 INS. OF THIS WAS SLEET-THUNDER AND LIGHTNING OBSERVED 7 TIMES IN THIS STORM DURING MORNING-BEFORE 8AM THERE WAS A HEAVY SLEET OCCURRING WITH LIGHTNING "THUNDER SLEET" I HAVE NEVER OBSERVED SLEET WITH LIGHTNING IN ALL MY YEARS OF OBSERVATIONS.
Mar-16	RAIN AND A PM COLD FRONT RAIN
Mar-22	AND QUICKLY FADED TO A DEEP GREEN AND DIMMED RAPIDLY AS IT FADED BELOW THE HORIZON-ALL THIS TOOK PLACE IN ABOUT 3 SECS.
Mar-25	WARMER THAN 133 YEAR REC. FOR DATE