PAGE #1	E #1 Dec 2014 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
Dec	Week		TEMPERATURE				TEMPE	RATURE		SI	KY	PF	RECIPITAT	ION	FROZ.	PRECIP.	1st P	ERIOD
2014	Day	MAX.	Time	MIN.	Time	RANGE	MEAN	CHANGE	SOIL	AM	PM	Liquid	1 Hr.	5 Min.	NEW	GROUND	START	END
Dec-01	Mon	76	13:36	47	23:51	28.9	61.2	7.0	49	0	0	0.03	0.02	0.01			2008	2120
Dec-02	Tue	47	0:01	37	20:09	9.4	42.0	-19.2	51	2	2	0.02	0.01	Т			0805	0855
Dec-03	Wed	58	15:01	38	0:01	19.4	47.9	5.9	49	2	2	0.02	0.02	0.01			0125	0135
Dec-04	Thu	49	13:42	35	7:09	14.7	42.1	-5.9	49	2	2	0.02	0.02	0.01			1810	1900
Dec-05	Fri	46	15:52	39	2:55	6.8	42.3	0.3	49	2	2	0.04	0.04	0.01			0050	0335
Dec-06 Dec-07	Sat Sun	54 47	17:43 12:58	42 34	1:19 23:56	11.7 12.4	48.0 40.5	5.7 -7.5	50 50	0	0	0.44	0.25	0.02			0929	2335
Dec-07 Dec-08	Mon	40	13:23	32	1:57	8	35.8	-7.5 -4.7	47	2	2	0.02	0.02	0.01			2130	2400
Dec-00	Tue	45	15:52	32	3:21	12.4	38.4	2.6	46	2	2	0.02	0.02	0.01			0001	1420
Dec-03	Wed	50	10:47	30	7:08	19.3	40.0	1.6	46	0	2	0.52	0.11	0.01			0001	1420
Dec-11	Thu	49	14:30	25	6:25	24.1	37.1	-2.9	45	0	0							_
Dec-12	Fri	53	12:05	30	23:27	23.8	41.4	4.4	44	1	2							
Dec-13	Sat	53	13:19	26	6:51	27.6	39.4	-2.0	44	0	1							<del>                                     </del>
Dec-14	Sun	59	14:18	26	5:39	32.5	42.7	3.2	44	0	0							
Dec-15	Mon	59	13:38	29	6:56	29.6	43.9	1.3	44	0	0							
Dec-16	Tue	48	19:01	38	6:15	10.2	42.6	-1.3	45	2	2	0.18	0.16	0.02			1053	1420
Dec-17	Wed	59	14:07	34	7:17	25.5	46.6	4.0	46	0	0							
Dec-18	Thu	45	13:35	27	6:46	18.2	36.1	-10.5	45	1	1							
Dec-19	Fri	46	13:52	27	7:35	18.9	36.1	-0.1	44	0	0							
Dec-20	Sat	38	14:25	26	4:06	11.4	32.1	-4.0	43	2	2							
Dec-21	Sun	46	13:52	33	20:20	13	39.0	6.9	44	2	0							
Dec-22	Mon	36	0:01	34	7:43	2.2	35.2	-3.8	44	2	2	0.30	0.11	0.02			0525	2400
Dec-23	Tue	45	15:07	35	0:01	10.7	40.1	4.8	44	2	2	0.18	0.10	0.01			0001	0200
Dec-24	Wed	64	23:53	44	0:01	19.7	54.2	14.1	46	2	2	0.98	0.23	0.04			0001	1600
Dec-25	Thu	64	0:22	34	23:58	30.3	49.2	-5.0	49	1	0	0.20	0.16	0.09			0001	0420
Dec-26	Fri	57	14:12	28	7:19	29.4	42.5	-6.7	46	0	0							
Dec-27	Sat	65	14:09	31	6:09	33.5	47.8	5.3	45	0	1	0.00	0.00	0.04			4.440	4700
Dec-28 Dec-29	Sun Mon	63 50	12:53 0:01	<b>50</b> 37	23:52 23:52	13.7 12.4	56.4 43.4	8.6 -13.0	47 48	2	2	0.02	0.02	0.01			1410 0220	1720 1330
Dec-29 Dec-30	Tue	43	14:32	24	23:57	19.2	33.6	-13.0	46	2	0	U.30	U.11	U.06	Т		0135	0150
Dec-30 Dec-31	Wed	43	12:43	22	3:47	19.7	32.1	-1.6	44	1	0	'	'	'	<u> </u>		0133	0130
TOTAL	mou	1593	12.10	1025	0.47	568.6	1309.0	-22.1	1434	36	35	3.07	1.38	0.33	T	0	Col	.26-27
NUM		31	31	31	31	31	31	31	31	31	31	15	15	14	0	0		AVE RH
AVE.		51.40	12:41	33.05	10:07	18.34	42.23	•	46.26	1.16	1.13	Ave. Tot.	Ave.Max	Ave.Max	Ave.Tot.	Ave.Days	72.24	Percent
Normals		51.32		31.58		19.64	41.45	46.35	46.4	1.05	1.17	4.75	0.64	0.08	4.2	3.0	69.7	Percent
Departures		0.07		1.48		-1.30	0.8	40.55	-0.1	0.11	-0.04	-1.68	0.74	0.25	-4.2	-3.0	2.6	Percent
MAX.	Dates	76		50		33.5	61.2	14.1	51	_	e Day	0.98	0.25	0.09	T	0.0	Precip	24 Hr.
		-									•					0.0	•	
DATES	1	Dec-01		Dec-28		Dec-27	Dec-01	Dec-24	Dec-02	Ave.	1.15	Dec-24	Dec-06	Dec-25	Dec-30		Amount	1.10
	2									Normal	1.08						Date	Dec. 23
	3									Depart.	0.06						Date	Dec. 24
MIN.	Dates	36		22.2		2.2	32.1	-19.2	43	SKY	AM	PM	>= 0.10	INCHES	>= 1.00	INCHES	>= 2.00	INCHES
DATES	1	Dec-22		Dec-31		Dec-22	Dec-31	Dec-02	Dec-20	CLEAR	11	12	8	DAYS	0	DAYS	0	DAYS
	2									P.CLO.	4	3	HOTTEST	61.2	Highest	Lowest	COOLEST	32.1
	3									CLO.	16	16	DAY	12-01	Mean	Mean	DAY	12-31
	<=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	1	1	5	10	13	25	28	31	31	31	31

PAGE #2	Dec	2014	West He	enrico C	o Glen /	Allen We	ather Co	enter 37	7.65537°	N. 77.5	6929° W	/ Ko	ontz					
Dec	21 2nd D	ERIOD	23 24 25		26 27		28 29 30			31	32	33	34	35	36	37	38	
2014	START	END	WIND RUN MAX. TIME		REL. HUMIDITY		BAROMETRIC PRES				01.475	0	anau.		K	DEW	FROST	
Dec-01	START	END	RUN 121.0	MAX. 31	20:22	MAX. 87	MIN. 46	MAX. 30.43	MIN. 30.17	AVE. 30.30	0.14	GLAZE	SLEET	SNOW	FOG		1	FROST
Dec-01	1108	1515	78.0	21	3:17	97	76	30.53	30.33	30.43	0.14						P	
Dec-03	0625	0735	89.7	21	13:16	97	82	30.33	30.08	30.21	-0.23						P	
Dec-04	2015	2310	37.4	15	10:11	89	45	30.48	30.27	30.38	0.17						Р	
Dec-05			5.5	5	14:32	93	70	30.53	30.34	30.44	0.06						Р	
Dec-06			62.6	27	23:47	98	77	30.34	30.02	30.18	-0.26						р	
Dec-07			204.7	30	3:45	92	40	30.51	30.19	30.35	0.17						р	
Dec-08			126.4	22	12:19	93	56	30.53	30.18	30.36	0.00						N	
Dec-09			70.8	18	2:47	97	81	30.18	29.88	30.03	-0.32						Р	
Dec-10			32.7	18	14:54	95	49	29.92	29.85	29.89	-0.15							4
Dec-11			44.3	18	14:11	82	24	30.06	29.89	29.98	0.09		1	-			N	3
Dec-12 Dec-13			33.6 9.0	19 9	11:42 12:37	<b>78</b> 90	25 31	30.16 30.15	30.05 30.00	30.11 30.08	0.13 -0.03						N	3
Dec-13 Dec-14			9.0 14.5	7	11:32	90	39	30.15	29.97	30.08	-0.03	1						3
Dec-14 Dec-15			16.6	11	15:29	91	48	30.07	30.06	30.02	0.08							4
Dec-15			43.8	13	15:05	96	77	30.09	29.88	29.99	-0.12				1		3	
Dec-17			32.3	17	13:05	97	40	30.08	29.92	30.00	0.02				•		5	
Dec-18			23.7	12	13:03	88	39	30.21	30.08	30.15	0.15							3
Dec-19			32.6	11	13:18	84	45	30.28	30.12	30.20	0.06							2
Dec-20			12.7	9	0:42	83	53	30.36	30.25	30.31	0.10							1
Dec-21			11.3	7	14:21	78	47	30.38	30.27	30.33	0.02							N
Dec-22			78.6	17	17:14	94	71	30.32	30.08	30.20	-0.13				2		N	
Dec-23	0600	0805	15.2	10	1:09	96	88	30.10	30.01	30.06	-0.15				3		Р	
Dec-24	1705	1715	20.5	22	23:01	100	94	30.02	29.60	29.81	-0.24				3		Р	
Dec-25			62.5	24	1:03	94	36	30.24	29.61	29.93	0.11						Р	
Dec-26			11.8	11	12:21	94	37	30.36	30.24	30.30	0.38							5
Dec-27			35.3	13	12:00	93	33	30.31	30.11	30.21	-0.09							4
Dec-28			96.8	20	6:05	93	48	30.11	29.94	30.03	-0.19						N	
Dec-29	0545	0550	75.4 62.5	15 18	3:06 9:46	92 92	76 41	30.27 30.45	30.07 30.26	30.17 30.36	0.15 0.18	1		1			P P	
Dec-30 Dec-31	0515	0550	20.0	12	9:46	92	27	30.45	30.26	30.39	0.18			'			Г	5
TOTAL	Colu	mn 23	1581.8	503	0.00	2838	1641	938.42	932.02	935.22	0.22	0	0	1	4	0	3	11
Number		ind Run	31	31	31	31	31	31	31	31	31							
AVE.	Total	1581.8	51.03	16.23	11:17	91.55	52.94	30.27	30.07	30.17	٠,					e:		
Normals	Miles	1509.2	49.0	34.2	Directions	90.4	48.9	30.22	29.95	30.22		ш	-	-		<b>B</b>		H-
Departures	Miles	72.6	1532.8	-17.9	Day Order	1.1	4.0	0.05	0.12	-0.06		¥	EET	8	O	<u> </u>	>	SC
MAXIMUM	1111100	Dates	204.7	31	SSW	100	94	30.53	30.34	30.44	0.38	GLAZE	SLE	SNOW	FOG	THUNDER	DEW	FROST
			-											0,				
DATES		1	Dec-07	Dec-01	20:22	Dec-24	Dec-24	Dec-02	Dec-05	Dec-05	Dec-26	5. Very I	•				N- None	
		2						Dec-05				4. Heavy	4					
		3						Dec-08				3. Mode		ve.				
		4										2. Light						
MINIMUM		Dates	5.5	5		78	24	29.92	29.60	29.81	-0.32	1. Very I	Light - S	light - T	race			
DATES		1 2	Dec-05	Dec-05		Dec-12 Dec-21	Dec-11	Dec-24	Dec-24	Dec-24	Dec-09	M - Event with intensity missing P - Rain hindering Dew Observation						
MINIMUM		<=75	<=70	<=65	<=60	<=55	<=50	<=45	<=40	<=35	<=30	<=25	<=20	<=15	<=10	<=5	<=0	
		31	31	31	31	31	31	29	27	22	11	3	0	0	0	0	0	

West Henrico Co Glen Allen Weather Center 37.65537° N. 77.56929° W Koontz										
REMARKS FOR THE MONTH										
December - 2014										
BEAUTIFUL SPRINGLIKE DAY-AIRPORT WAS 1 DEGREE FROM REC. HIGH FOR DATE										
CLOUDY, DAMP, DRIZZLY, CHILLY DAY - APPROX. 30 DEGREES COLDER THAN YESTERDAY-FROM 1655-2400 THERE WERE 6 PDS. OF DRIZZLE										
DAMP. CLOUDY COOL DAY WITH A NE BREEZE										
DECK AND GRASS STILL WET FROM RAIN YESTERDAY-CLOUDY AND COOL DAY										
DECK AND GRASS STILL WET FROM RAIN YESTERDAY- WEATHER MUCH LIKE YESTERDAY BUT COOLER										
RAINY DAY BUT VERY LIGHT UNTIL ABOUT 1500 THEN MODERATE RAIN										
SUNNY CHILLY DAY PARTICULARLY DUE TO THE WIND BUT NO CLOUDS										
NOV. 19TH ALSO HAD A LOW MAX. OF 40°F BUT IT WAS CLEAR-TODAY WAS CLOUDY DAMP AND WINDY MAKING IT FEEL LIKE THE COLDEST DAY OF THE SEASON										
COASTAL LP STRONG BY TIME IT GOT TO NE U.S. BUT WEAK AS IT PASSED VA										
CLEAR UNTIL 1045 THEN ALTOCUMULUS AND MOSTLY CLOUDY REST OF DAY										
LOWEST TEMP. SINCE NOV. 28, 2014-VERY DRY AIR WITH A LOW DEW POINT OF 10.3°F AT 2057										
THE HIGH REL. HUMIDITY FROM MIDNIGHT TO 0700 WAS 45%-LOWEST I CAN REMEMBER FOR A SUNRISE READING										
CIRRUS AFTER 1245 BUT THIN AND A VERY NICE DEC. DAY										
ALMOST A 4 FROST-BEAUTIFUL DAY FOR DECREC. MAX. TEMP. FOR DATE-NO CLOUDS TODAY										
PLEASANT DAY FOR DEC.										
CLOUDY DAY-RAIN FROM A COLD FRONT AND LOW PRESSURE THAT PASSED TO OUR NW										
FROZEN RAIN ON THE DECK-ONLY A FEW SCATTERED WAVE CLOUDS AND PLEASANT TEMPS. FOR DEC.										
CIRRUS CAME IN AT 0930 AND WAS CLOUDY FROM 1030-1400 THEN CLEARED BY 1600  SKY MIRROR SHOWED MORE FROST THAN GROUND OR ROOFS										
SKY MIRROR SHOWED MORE FROST THAN GROUND OR ROOFS										
HARDLY ANY FROST BECAUSE OF CLOUDS-ONLY A LITTLE SUN TODAY BET. 0715-0800 AND 1530-SUNSET										
CLOUDY AM BUT CLEARED QUICKLY AT 1300 AND BECAME SUNNY AND WARMER										
RAINY DAY- HIGH PRESSURE TO N GIVING A CHILLY NE FLOW BELOW OVERRIDING WARM AIR FROM SOUTH										
DRIZZLE DURING NIGHT-3RD PD. OF PRECIP. 2130-2400										
FOGGY, RAINY CHRISTMAS EVE-3RD PD. OF PRECIP. 2320-2400 CLOUDS CLEARED OFF AT 0830 AND AM AVERAGED ~35-40% CLOUDY										
SOME THIN CIRRUS DURING DAY BUT NOT ENOUGH TO CALL PC										
SOME THIN CIRRUS DURING AFTERNOON EST. CLOUDINESS FOR AFTERNOON WAS 35-40%										
A COLD FRONT PASSED AT 1900 THAT WAS MOVING VERY SLOWLY										
RAINY AM AS LOW PRESSURE MOVED N TO S UP THE COLD FRONT THAT PASSED YESTERDAY										
SNOW PELLETS BETWEEN. 0913-0925 - RAPID CLEARING AT 1230										
CLEAR CHILLY DAY WITH A HEAVY AM FROST AND COLDEST MORNING OF THE MONTH - MOSTLY CLOUDY FROM 1115 TO 1415 - SKY COVERED WITH FROST TO 1045										
EXTENSION OF LENGTHY DAILY REMARKS										

## West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz REMARKS FOR THE MONTH

DAYS 30 Daily Records for December 2014 --- 6 year Data Base

The maximum temperature on the 1st was 75.6°F, a new 6 year daily HIGH maximum temperature record for the date - the old record was 66°F in 2010. The minimum temperature on the 1st was 46.7 °F, a new 6 year HIGH daily minimum temperature record for the date - the old record was 38°F in 2013

The daily temperature range on the 2nd was 10°F, a new 6 year LOW daily temperature range record for the date; the old record was 20°F in 2010. The daily precipitation on the 3rd was 0.02 inches, a new 6 year HIGH daily precipitation record for the date - the old record was 0.01 inches in 2009.

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The daily precipitation on the 4th was 0.02 inches, and EQUALED the 6 year HIGH daily precipitation record for the date - the old record was set in 2010.

The daily temperature range on the 5th was 7°F, a new 6 year LOW daily temperature range record for the date; the old record was 11°F in 2013. The daily precipitation on the 6th was 0.44 inches, a new 6 year HIGH daily precipitation record for the date - the old record was 0.05 inches in 2011.

The daily temperature range on the 7th was 10°F, a new 6 year LOW daily temperature range record for the date; the old record was 12°F in 2013.

The daily temperature range on the 11th was 24°F, and EQUALED the 6 year HIGH daily maximum temperature range record for the date; the old record was set in 2013.

The maximum temperature on the 12th was 53.3°F, a new 6 year daily HIGH maximum temperature record for the date - the old record was 51°F in 2008.

The maximum temperature on the 14th was 58.9°F, a new 6 year daily HIGH maximum temperature record for the date - the old record was 57°F in 2012. The daily temperature range on the 15th was 29.6°F, a new 6 year HIGH daily temperature range record for the date - the old record was 27°F in 2008.

The daily temperature range on the 17th was 25.5°F, a new 6 year HIGH daily temperature range record for the date - the old record was 25°F in 2013.

The maximum temperature on the 20th was 37.8°F, a new 6 year LOW daily maximum temperature record for the date - the old record was 39°F in 2009.

18 19 20 21 The daily temperature range on the 21st was 13°F, a new 6 year LOW daily temperature range record for the date; the old record was 14°F in 2011. 22

The daily temperature range on the 22nd was 2.2°F, a new 6 year LOW daily temperature range record for the date: the old record was 11°F in 2011. The daily temperature range on the 23rdwas 10.7°F, a new 6 year LOW daily temperature range record for the date; the old record was 19°F in 2011.

23 The minimum temperature on the 24th was 44.3 °F, a new 6 year HIGH daily minimum temperature record for the date - the old record was 36°F in 2010.

The daily precipitation on the 24th was 0.98 inches, a new 6 year HIGH daily precipitation record for the date - the old record was 0.25 inches in 2012.

The maximum temperature on the 24th was 64°F. EQUALED the 6 year HIGH daily maximum temperature record for the date - the old record was set in °F in 2008.

25 The maximum temperature on the 25th was 64.3°F, a new 6 year daily HIGH maximum temperature record for the date - the old record was 61°F in 2008.

The minimum temperature on the 28th was 49.5 °F, a new 6 year HIGH daily minimum temperature record for the date - the old record was 49°F in 2010. The daily temperature range on the 28th was 13.7°F, a new 6 year LOW daily temperature range record for the date: the old record was 15°F in 2009. The daily precipitation on the 28th was 0.02 inches, and EQUALED the 6 year HIGH daily precipitation record for the date - the old record was set in 2008.

The daily precipitation on the 30th was Trace, and EQUALED the 6 year HIGH daily precipitation record for the date - the old record was set in 2010. The daily greatest snow on the 30st is now a Trace, and is a new 6 year daily greatest snow record for the date - the old record was 0 inches.

The daily temperature range on the 25th was 30,3°F, a new 6 year HIGH daily temperature range record for the date - the old record was 26°F in 2009 and 2008.

The maximum temperature on the 26th was 57.2°F, a new 6 year daily HIGH maximum temperature record for the date - the old record was 53°F in 2011 and 2009.

The maximum temperature on the 27th was 64.5°F, a new 6 year daily HIGH maximum temperature record for the date - the old record was 61°F in 2008.

The daily temperature range on the 27th was 33.5°F, a new 6 year HIGH daily temperature range record for the date - the old record was 30°F in 2013.