PAGE #1		Feb	2017	West He	enrico (Co Gle	n Allen	Weathe	er Cente	er 37.65	537° N.	77.5693	° W K	oontz				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Feb	Week		TEMPERA	TURE °F		TEMPERATURE °F			SKY		PR	ECIPITATI	ON	FROZ. PRECIP.		1st PERIOD		
2017	Day	MAX.	Time	MIN.	Time	RANGE	MEAN	CHANGE	SOIL	AM	PM	Liquid	1 Hr.	5 Min.	NEW	GROUND	START	END
Feb-01	Wed	55.2	14:43	36.6	5:34	18.6	45.9	2.7	43	2	2	Т	Т	Т			2015	2030
Feb-02	Tue	55.1	13:40	35.9	7:35	19.2	45.5	-0.4	44	2	0	Т	Т	Т			0100	0125
Feb-03	Wed	37.2	15:01	28.1	4:25	9.1	32.7	-12.9	43	2	2							
Feb-04	Thu	42.5	15:10	18.6	7:22	23.9	30.55	-2.1	40	0	0							
Feb-05	Fri	56.1	14:33	30.4	3:48	25.7	43.3	12.7	40	2	0							
Feb-06	Sat	66.4	14:09	33.2	1:52	33.2	49.8	6.6	41	0	0							
Feb-07	Sun	74.4	14:01	55.1	0:01	19.3	64.8	15.0	45	2	2							
Feb-08	Mon	75.6	13:46	57.0	7:47	18.6	66.3	1.6	49	1	2	Т	Т	T			2355	2400
Feb-09	Tue	59.1	0:21	26.5	23:58	32.6	42.8	-23.5	51	1	2	0.09	0.05	0.01			0001	0055
Feb-10	Wed	42.1	23:49	19.1	4:47	23.0	30.60	-12.2	44	2	2							
Feb-11	Thu	62.5	16:23	42.1	0:01	20.4	52.3	21.7	44	2	2							
Feb-12	Fri	83.3	14:51	47.6	0:38	35.7	65.5	13.2	46	2	1	0.05	0.05	0.02			1620	1740
Feb-13	Sat	55.7	15:21	31.9	23:56	23.8	43.8	-21.7	48	0	0	1	1				1	
Feb-14	Sun	48.3	11:04	26.5	4:00	21.8	37.4	-6.4	45	2	2	L	1				1	
Feb-15	Mon	54.6	15:31	28.7	23:56	25.9	41.7	4.3	46	2	2	0.29	0.13	0.02	 _		0040	0115
Feb-16	Tue	46.0	14:54	27.1	23:58	18.9	36.6	-5.1	43	2	0	Т	Т	Т	Т	None	1105	1110
Feb-17	Wed	62.2	15:26	23.8	2:31	38.4	43.0	6.5	42	1	0	-						
Feb-18	Thu	74.5	14:19	32.5	6:42	42.0	53.5	10.5	44	1	2	T	T	T			2320	2400
Feb-19	Fri	74.7 71.1	13:53	46.3 38.2	7:11	28.4	60.5	7.0	47	0	0	Т	T	Т			0001	0010
Feb-20	Sat		14:29		7:15	32.9	54.7	-5.9	48									
Feb-21	Sun	59.6 57.6	15:37	38.6 44.9	6:50	21.0	49.1	-5.6	49	2	2	0.01	Т	-			0000	1050
Feb-22	Mon Tue	76.3	13:28 13:55	52.1	1:21 3:57	12.7 24.2	51.3 64.2	2.2 13.0	50 50	2	0	T	T	T			0903 0010	1650 0045
Feb-23 Feb-24	Wed	76.6	14:21	52.3	7:05	24.2	64.5	0.2	52	0	1	•	'	-			0010	0045
Feb-24	Thu	78.4	13:42	47.0	23:59	31.4	62.7	-1.7	55	2	2	0.01	0.01	Т			1445	1508
Feb-26	Fri	53.2	15:09	31.3	7:12	21.9	42.3	-20.5	52	0	0	0.01	0.01	<u> </u>			1110	1000
Feb-27	Sat	60.6	14:55	28.9	5:32	31.7	44.8	2.5	49	2	2							
Feb-28	Sun	72.0	14:03	46.1	7:09	25.9	59.1	14.3	50	0	2	0.09	0.05	0.01			1755	2050
. 5.5 25	-										_	0.00	0.00	0.0.				2000
TOTAL		1731		1026		704.5	1378.7	15.9	1300	36	33	0.54	0.29	0.06	Т	0	Col	.26-27
NUMBER		28	28	28	28	28	28	28	28	28	28	6	5	4	0	0	DAILY	AVE RH
AVERAGE		61.82	14:18	36.66	8:13	25.16	49.24		46.43	1.29	1.18	Ave. Tot.	Ave.Max	Ave.Max	Ave.Tot.	Ave.Days	60.3	Percent
NORMALS		50.25		28.88		21.37	39.56		41.58	1.11	1.17	2.88	0.40	0.09	5.3	4.5	61.0	Percent
DEPARTUR		11.57		7.78		3.79	9.67		4.84	0.18	0.01	-2.34	-0.27	-0.07	-5.3	-4.5	-0.8	Percent
Max ≥70°F	Dates	83.3		57.0		42	66.3	21.7	55		e Day	0.29	0.13	0.02	Т	0.0	Precip	24 Hr.
2.1 DAYS	1	Feb-12		Feb-08		Feb-18	Feb-08	Feb-11	Feb-25	AVE.	1.23	Feb-15	Feb-15	Feb-12	Feb-16		Amount	0.29
Departure	2									Normal	1.14			Feb-15			Date	Feb-15
7.9 Days	3									Depart.	0.09						Date	
MINIMUM	Dates	37.2		18.6		9.1	30.55	-23.5	40	SKY	AM	PM	>= 0.10	INCHES	>= 1.00	INCHES	>= 2.00	INCHES
MIN ≤ 32°F	1	Feb-03		Feb-04		Feb-03	Feb-04	Feb-09	Feb-04	CLEAR	8	10	1	DAYS	0	DAYS	0	DAYS
19.5 AVE.	2								Feb-05	PT. CLO.	4	3	HOTTEST	66.3	Highest	Lowest	COOLEST	30.6
DAYS	3									CLO.	16	15	DAY	2-08	Mean	Mean	DAY	2-04
Departure		0	<=32 °F	12	MAX.	>=80	>=75	>=70	>=65	>=60	>=55	>=50	>=45	>=40	>=35	>=30	>=25	>=20
-7.5 DAYS	>=90°F	0	>=70 °F	0	DAYS	1	5	10	11	15	19	23	25	27	28	28	28	28

PAGE #2	Feb	2017	West He	enrico Co	Glen A	llen Wea	ther Cen	ter 37.6	5537° N.	77.5693	° W Koc	ontz						
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Feb	2nd P	ERIOD		WIND		REL. HU	MIDITY		BAROMETR	IC PRESSUR	PRESSURE					17		
2017	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG	K	DEW	FROST
Feb-01	2125	2130	12.8	9	13:06	76	45	30.08	29.94	30.01	0.10						N	
Feb-02			31.3	15	19:47	93	37	30.26	30.08	30.17	0.16						3	
Feb-03			10.2	11	23:44	74	42	30.37	30.18	30.28	0.10							N
Feb-04			17.0	12	0:03	75	24	30.56	30.33	30.45	0.17							3
Feb-05			68.8	22	11:43	80	37	30.33	29.94	30.14	-0.31							N
Feb-06			32.0	15	15:10	89	31	30.21	30.03	30.12	-0.01						3	1
Feb-07			204.3	36	14:25	75	46	30.03	29.67	29.85	-0.27						N	
Feb-08			54.7	23	2:31	85	34	29.72	29.58	29.65	-0.20						N	
Feb-09	0220	0635	119.9	33	5:37	95	30	30.30	29.42	29.86	0.21					1	Р	
Feb-10			52.7	18	23:31	71	26	30.47	30.07	30.27	0.41						<u>.</u> .	3
Feb-11			91.9	22	11:38	80	39	30.08	29.94	30.01	-0.26						N	
Feb-12			89.7	29	12:42	88	40	30.01	29.62	29.82	-0.19						N N	
Feb-13			95.1	30	2:50	64	19	30.10	29.84	29.97	0.15						N	
Feb-14	0200	1000	44.8	20	11:10	84	35	30.11	29.74	29.93	-0.05						Р	4
Feb-15	0200	1000	43.0 49.6	27 23	16:22	96 74	31 28	29.74	29.46	29.60	-0.32			1			Г	N
Feb-16 Feb-17			23.9	15	14:39	75	28	29.97 30.02	29.71 29.84	29.84 29.93	0.24			'				1
Feb-18			49.7	24	13:51 14:31	87	23	29.94	29.80	29.93	-0.06						2	•
Feb-19			44.8	15	2:35	80	38	30.08	29.82	29.95	0.08						N	
Feb-19			34.8	16	10:03	92	30	30.30	30.08	30.19	0.08						3	i
Feb-21			34.5	12	12:11	86	40	30.35	30.12	30.24	0.05						2	
Feb-22			53.6	13	12:36	94	76	30.13	29.94	30.04	-0.20						2	
Feb-23	0635	0745	71.0	23	12:12	98	46	29.96	29.85	29.91	-0.13						P	
Feb-24			60.1	21	13:46	98	47	29.96	29.79	29.88	-0.03						4	
Feb-25			118.8	32	10:59	93	44	29.86	29.46	29.66	-0.22					1	3	
Feb-26			43.9	17	12:06	74	26	30.32	29.86	30.09	0.43							2
Feb-27			29.9	16	12:07	84	26	30.48	30.32	30.40	0.31							3
Feb-28	2145	2335	40.4	19	13:51	97	51	30.37	30.04	30.21	-0.20						1	
TOTAL			1623.2	568		2357	1019	844.11	836.47	840.29	DAYS	0	0	1	0	2	9	7
NUMBER	Feb. W	ind Run	28	28	28	28	28	28	28	28	NORMAL	1.3	1.8	4.8	2.4	0.6	2.3	9.1
AVERAGE	Total	1623.2	58.0	20.3	12:08	84.2	36.4	30.15	29.87	30.01	DEPART.		-1.8	-3.8	-2.4	1.4	6.8	-2.1
NORMALS	Miles	1885.8	66.69	20.53		83.40	38.31	30.18	29.90	30.04	Intensity	0	0	1	0	2	23	17
Departures	Miles	-262.6	-8.7	-0.2		0.8	-1.9	-0.04	-0.02	-0.03	Rating ►	ZE	SLEET	SNOW	Ö	V	>	st
	MAXIMUM		204.3	36	SSW	98	76	30.56	30.33	30.45	0.43	LAZ	J.E	N.	FOG	1	Dew	Frost
	DATES	1	Feb-07	Feb-07	14:25	Feb-23	Feb-22	Feb-04	Feb-04	Feb-04	Feb-26	<u>5</u>				N. N.	N- P	
		2				Feb-24						-	Heavy			N- None		
		3											vy-Unus			P- Preci	p. preve	nt obs.
	MAINIMALISA	4 Detec	40.0			0.1	40	00.70	20.42	00.00	0.00		derate -					
	MINIMUM		10.2	9		64	19	29.72	29.42	29.60		_	it - >= <i>F</i>		T			
	DATES		Feb-03	Feb-01		Feb-13	Feb-13	Feb-08	Feb-08	Feb-15	Feb-15		_	Slight -				
	MILL	2	< 70	< CF	< 00	< FF	< 50	< 45	< 40	< 25	< 20			h intensi	•	_		
	MIN.		≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40 40	≤ 35	≤ 30			≤ 15			≤ 0	
	Days	28	28	28	28	27	24	20	18	14	10	3	2	0	0	0	0	

PAGE #3	West Henrico Co Glen Allen Weather Center 37.65537° N. 77.5693° W Koontz
Feb	REMARKS FOR THE MONTH
2017	February - 2017
Feb-01	
Feb-02	CLOUDY AM AND CLEARING STARTED AT 1315 AND CLEAR BY 1415
Feb-03	CLOUDY COLD DAY WITH A LOW DEW POINT OF 15.7°F WITH A SKY THAT LOOKED LIKE SNOW BUT NO PRECIP.
Feb-04	ROOFS SHOWED MORE FROST THAN SKY MIRROR-VERY DRY AIR WITH A DEW POINT OF 6.2°F AT 1817-CLOUDS CAME IN AT 1545 AND MOSTLY CLOUDY TO SUNSET
Feb-05	LOW DEW POINT OF 11.9°F AND BREEZY YIELDING NO FROST -AM REL. HUMIDITY 51% AND CLEAR FROM 1130-SUNSET-ONLY A FEW CIRRUS TODAY
Feb-06 Feb-07	MUCH WARMER TODAY AND A BEAUTIFUL FEB. DAY WITH CLEAR SKY LIGHT BREEZE AND LOW REL. HUMIDITY AM REL. HUM. 64% & BREEZY-SUN THROUGH THIN CLOUDS WITH BROKEN OVERCAST-BROKE THE RICHMOND HIGH TEMP. REC. TODAY OF 70°F AT THE AIRPORT-THEIR TEMP. WAS 74°F
Feb-08	YESTERDAY WAS WINDIEST DAY SINCE OCT. 9, 2016 WHEN WIND RUN WAS 206.8 MILES -AM CLEAR EXCEPT FOR THIN CIRRUS UNTIL NOON & CIRROSTRATUS BEFORE 0900
Feb-09	STRONG COLD FRONT PASSED AROUND 0500-THUNDER OCCURRED AT 1225, 1233, AND ABOUT 4 OTHER TIMES-VIRGA SEEN TODAY BUT NO FLURRIES-PM EST. TO BE 60% CLOUDY
Feb-10	SUN THROUGH CIRRUS ONLY FROM 0930-NOON-VERY LOW DEW POINT OF 5.6°F AT 018
Feb-11	SUNRISE REL. HUM. A LOW 45%-MUCH WARMER BUT CLOUDY ALL DAY WITH ONLY A FEW BREAKS IN CLOUDS
Feb-12	EXTREME HEAT FOR MID FEB. OF 83.3°F -AIRPORT HAD 82°F AS A MAXSUN THROUGH CIRRUS 1230-1500
Feb-13	MORNING REL. HUM. ONLY 49% & DROPPED TO 19% AT 1423-CLEAR ALL DAY AND BREEZY
Feb-14	FROST ON DECK-CLOUDY, BREEZY DAY AFTER EXTREME WARMTH OF 12TH
Feb-15	3RD PD. OF SPRINKLES 1405-1435-COLD FRONT PASSED AT 1400-CLEARING AFTER 1600
Feb-16	LIGHTEST OF SNOW FLURRIES FROM 1105-1110 & SUN WAS OUT DURING PART OF FLURRY-CLEARING STARTED AT 1300 & CLEAR BY 1430-PM EST. 55-65% CLOUDY
Feb-17	VERY LIGHT FROST -RAPID CLEARING AFTER 1000 AND ONLY SCATTERED CIRRUS REST OF DAY TO 1645 THEN CIRROSTRATUS COVERED NORTHERN SKY
Feb-18	VERY WARM FOR FEBSUN THROUGH CIRRUS IN AM AND AFTER 1500 CIRROSTRATUS BLOCKED SUN
Feb-19	FEW EARLY AM CLOUDS AND THEN CLEAR TO 1230-CIRRUS BECAME CUMULUS AND A BEAUTIFUL FEB. DAY-WARMTH IS INCREDIBLE FOR THIS TIME OF YEAR
Feb-20	ONLY A FEW THIN CIRRUS ALL DAY-CHERRY TREES BLOOMING, GRASS GREENING & WILLOW TREES ARE LEAFING
Feb-21	THIN CIRRUS IN AM AND CIRROSTRATUS IN PM AND AVERAGED 80% COVERAGE OF SKY
Feb-22	PRECIP. DURING PERIOD GIVEN WAS ONLY OCCASIONAL SPRINKLES THAT OCCURRED DURING MUCH OF DAY
Feb-23 Feb-24	ANOTHER REC. WARM DAY-AIRPORT HAD 75°F AND TIED 120 YR. RECORD VERY CLEAR UNTIL 1115 THEN SCATTERED CUMULUS TO SUNSET-VERY WARM FOR FEB.
Feb-25	AM WAS ABOUT 65-70% CLOUDY-TS PASSED TO SE GIVING US VERY LITTLE PRECIP. BUT HAIL OCCURRED IN RICHMOND AND CHESTERFIELD-WARMTH IS CAUSING ORNAMENTAL
Feb-26	NO CLOUDS SEEN ALL DAY AND MUCH COOLER AFTER STRONG COLD FRONT PASSAGE OF YESTERDAY
Feb-27	CLOUDY ALL DAY WITH SOME WEAK SUN THROUGH MAINLY ALTOSTRATUS AND MUCH WARMER
Feb-28	WARMTH CONTINUES WITH A HIGH TEMP. IN 70'S WHICH IS 10TH DAY OF MONTH WITH 70 OR 70+ TEMPS CLEAR SKIES FROM SUNRISE TO 1045 WITH ONLY A FEW CIRRUS
DATE	EXTENSION OF LENGTHY DAILY REMARKS
Feb-08 Feb-12	THICKER CLOUDS OF STRATOCUMULUS AND THEN CUMULUS IN PM-3 BUNCHES OF DAFFODILS WERE OBSERVED BLOOMING TODAY A NEW REC. MAX. AT GLEN ALLEN FOR FEB PREVIOUS REC. WAS 81°F ON FEB. 24, 2012
Feb-25	PEARS TO BLOOM, RED MAPLES BUDDING, FORSYNTHIA, HYACINTHS, CHERRY TREES, STAR MAGNOLIAS, FLOWERING MAGNOLIAS, QUINCE, PEACH TREE
1 65-25	I LAKO TO BLOOM, KED MAI ELO BODDINO, TOKOTIVITIA, TITAGIRITTO, CHEKKT TKELO, STAK MAGNOLIAO, TEOWEKINO MAGNOLIAO, QOINOL, TEACITTKEL
	The link helew evaleing how choosesting are taken at the Clay Allan Weather Station. Note the Newborn watch the column newborn on the Character Character.
	The link below explains how observations are taken at the Glen Allen Weather Station - Note the Numbers match the column numbers on the Observation Sheet www.glenallenweather.com/upload/glenallenclimate/log/2016/2016 Obs Rules.pdf
	www.gienalienweather.com/upioad/gienalienciimate/log/zoffo/zoffo Obs Kules.pui

Page 4	West Henrico Co Glen Allen Weather Center 37.65537° N. 77.56929° W Koontz
41	DAILY RECORDS FOR THE MONTH
Feb	DAYS MISSING IN COLUMN 41 HAD NO RECORDS & WERE DELETED TO ADD ROOM FOR ADDITIONAL RECORDS
2017	The Glen Allen Station had 29 Records or Record Ties in FEBRUARY 2016
1	
2	
3	The maximum temperature on the 3rd was 37.2°F, a new 8-year cold daily maximum temperature record for the date - the old record was 40°F in 2010 .
4	The minimum temperature on the 4th was 18.6°F, a new 8-year LOW daily minimum temperature record for the date - the old record was 21°F in 2009.
5	The daily temperature range on the 5th was 25.7°F, a new 8-year HIGH daily temperature range record for the date - the old record was 24.8°F in 2015.
6	The maximum temperature on the 6th was 66.4°F, a new 8-year daily HIGH maximum temperature record for the date - the old record was 57°F in 2013.
	The minimum temperature on the 6th was 33.2°F, a new 8-year warm daily minimum temperature record for the date - the old record was 29°F in 2014 and 2013.
7	The minimum temperature on the 7th was 55.1°F, a new 8-year warm daily minimum temperature record for the date - the old record was 31°F in 2012.
	The maximum temperature on the 7th was 74.4°F, a new 8-year daily HIGH maximum temperature record for the date - the old record was 70°F in 2009.
	*Comment-The wind run today was 204.3 miles making it the windiest day since Oct. 9, 2016 when the wind run was 206.8 miles.
8	The minimum temperature on the 8th was 58.2°F, a new 8-year warm daily minimum temperature record for the date - the old record was 49°F in 2009.
	The maximum temperature on the 8th was 75.6°F, a new 8-year daily HIGH maximum temperature record for the date - the old record was 74°F in 2009.
9	The maximum temperature on the 9th was 59.1°F, a new 8-year daily HIGH maximum temperature record for the date - the old record was 58.9°F in 2015.
	The daily temperature range on the 9th was 32.6°F, a new 8-year HIGH daily temperature range record for the date - the old record was 25.2°F in 2015.
10	The minimum temperature on the 10th was 19.1°F, a new 8-year LOW daily minimum temperature record for the date - the old record was 22°F in 2013.
11	
12	The maximum temperature on the 12th was 83.3°F, a new 8-year daily HIGH maximum temperature record for the date - the old record was 66°F in 2009.
	*Comment - The 83.3°F was the highest temperature ever recorded at Glen Allen in February; the previous record was 81°F on February 24, 2012.
	*Comment - The 82°F at the Richmond International Airport was the highest temperature on record in February since February 15, 1989 when it was also 82°F.
	The minimum temperature on the 12th was 47.6°F, a new 8-year warm daily minimum temperature record for the date - the old record was 45°F in 2009.
40	The daily temperature range on the 12th was 35.7°F, a new 8-year HIGH daily temperature range record for the date - the old record was 32°F in 2011.
13	
14	
15 16	
17	The deliketermonature represent the 47th was 20 the control of the deliketermonature representation the delicent the delic
18	The daily temperature range on the 17th was 38.4°F, a new 8-year HIGH daily temperature range record for the date - the old record was 29°F in 2011.
19	The daily temperature range on the 18th was 42°F, a new 8-year HIGH daily temperature range record for the date - the old record was 32°F in 2014 and 2013. The maximum temperature on the 19th was 74.7°F, a new 8-year daily HIGH maximum temperature record for the date - the old record was 69°F in 2014.
19	The minimum temperature on the 19th was 46.3°F, a new 8-year daily minimum temperature record for the date - the old record was 43°F in 2014. The minimum temperature on the 19th was 46.3°F, a new 8-year warm daily minimum temperature record for the date - the old record was 43°F in 2014.
20	
20	The maximum temperature on the 20th was 71.1°F, a new 8-year daily HIGH maximum temperature record for the date - the old record was 66.1°F in 2016. The daily temperature range on the 20th was 32.9°F, a new 8-year HIGH daily temperature range record for the date - the old record was 29°F in 2011.
21	The daily temperature range on the 21st was 21.0°F, a new 8-year LOW daily temperature range record for the date - the old record was 21.4°F in 2012 and 2010.
22	The daily temperature range on the 21st was 21.0 F, a new 8-year LOW daily minimum temperature record for the date - the old record was 21.4 F in 2012 and 2010. The minimum temperature on the 22nd was 44.9°F, a new 8-year warm daily minimum temperature record for the date - the old record was 44.4°F in 2016.
23	The minimum temperature on the 23rd was 52.1°F, a new 8-year warm daily minimum temperature record for the date - the old record was 44°F in 2012.
	The maximum temperature on the 23rd was 76.3°F, a new 8-year daily HIGH maximum temperature record for the date - the old record was 71°F in 2012.
24	The minimum temperature on the 24th was 52.6°F, a new 8-year warm daily minimum temperature record for the date - the old record was 45°F in 2012.
25	The minimum temperature on the 25th was 47.0°F, a new 8-year warm daily minimum temperature record for the date - the old record was 41.4°F in 2016.
	The maximum temperature on the 25th was 78.4°F, a new 8-year daily HIGH maximum temperature record for the date - the old record was 71°F in 2011.
26	
27	The daily temperature range on the 27th was 31.7°F, a new 8-year HIGH daily temperature range record for the date - the old record was 28°F in 2012.
28	, , , , , , , , , , , , , , , , , , ,