

1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19	
Oct 2016	Week Day	TEMPERATURE °F				TEMPERATURE °F				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																			
Oct-01	Sat	77.3	14:44	66.4	23:28	10.9	71.9	3.3	72	2	2	0.33	0.22	0.10			0001	0100																			
Oct-02	Sun	73.3	15:47	63.6	22:16	9.7	68.5	-3.4	72	2	2																										
Oct-03	Mon	79.1	13:58	60.3	23:49	18.8	69.7	1.2	71	0	1																										
Oct-04	Tue	75.4	14:04	55.5	6:50	19.9	65.5	-4.2	70	0	1																										
Oct-05	Wed	70.0	14:19	59.0	2:55	11	64.5	-1.0	70	2	2																										
Oct-06	Thu	68.8	14:24	54.0	6:11	14.8	61.4	-3.1	69	2	2	0.01	0.01	T			1015	1040																			
Oct-07	Fri	74.0	15:58	62.7	2:51	11.3	68.4	7.0	69	2	2	0.04	0.03	0.01			0001	0210																			
Oct-08	Sat	68.5	0:01	62.4	20:57	6.1	65.5	-2.9	70	2	2	2.81	0.30	0.05			0040	0135																			
Oct-09	Sun	67.7	14:38	52.3	6:35	15.4	60.0	-5.5	67	1	0	0.75	0.22	0.02			0001	0655																			
Oct-10	Mon	65.2	14:23	45.2	23:45	20	55.2	-4.8	65	0	0																										
Oct-11	Tue	68.0	14:58	40.1	6:46	27.9	54.1	-1.2	63	1	1																										
Oct-12	Wed	72.0	15:04	43.1	7:01	28.9	57.6	3.5	63	1	0																										
Oct-13	Thu	76.8	15:28	49.7	7:24	27.1	63.3	5.7	63	1	1																										
Oct-14	Fri	66.8	15:01	47.0	7:26	19.8	56.9	-6.4	64	0	1																										
Oct-15	Sat	70.3	14:37	46.1	7:38	24.2	58.2	1.3	63	0	0																										
Oct-16	Sun	76.3	14:58	51.7	4:43	24.6	64.0	5.8	63	0	0																										
Oct-17	Mon	83.1	14:31	57.4	5:57	25.7	70.3	6.3	64	0	0																										
Oct-18	Tue	85.2	15:29	64.1	7:21	21.1	74.7	4.4	66	0	0																										
Oct-19	Wed	89.3	14:36	63.5	6:52	25.8	76.4	1.8	67	0	0																										
Oct-20	Thu	86.0	13:36	64.1	7:36	21.9	75.1	-1.4	68	0	0																										
Oct-21	Fri	79.9	12:24	59.9	23:58	20	69.9	-5.1	69	1	2	0.04	0.03	0.03			1324	1355																			
Oct-22	Sat	64.9	13:58	41.5	23:47	23.4	53.2	-16.7	67	0	0	T	T	T			0605	0610																			
Oct-23	Sun	68.0	15:22	37.9	4:23	30.1	53.0	-0.3	63	0	0																										
Oct-24	Mon	77.9	14:56	52.6	7:37	25.3	65.3	12.3	63	0	0																										
Oct-25	Tue	64.7	14:47	40.2	7:40	24.5	52.5	-12.8	62	0	0																										
Oct-26	Wed	62.0	15:24	38.6	7:24	23.4	50.3	-2.2	60	0	1																										
Oct-27	Thu	70.2	13:09	46.1	6:50	24.1	58.2	7.9	60	2	2	0.06	0.05	0.05			1343	1440																			
Oct-28	Fri	66.5	15:09	46.1	23:57	20.4	56.3	-1.9	61	0	0																										
Oct-29	Sat	77.7	14:51	41.8	6:56	35.9	59.8	3.5	60	0	0																										
Oct-30	Sun	82.3	13:22	53.9	7:03	28.4	68.1	8.3	61	2	1																										
Oct-31	Mon	65.9	0:39	45.5	23:52	20.4	55.7	-12.4	63	0	1																										
TOTAL		2273		1612		660.8	1942.7	-12.9	2028	21	24	4.04	0.86	0.26	0	0	Col26-27																				
NUMBER		31	31	31	31	31	31	31	31	31	31	7	7	6	0	0	DAILY AVERH																				
AVERAGE		73.33	13:41	52.01	11:20	21.32	62.67		65.42	0.68	0.77	Ave. Tot.	Ave.Max	Ave.Max	Ave.Tot.	Ave.Days	75.1	Percent																			
Normals		69.89		48.83		21.07	59.36		64.33	1.01	1.03	3.44	0.94	0.14	0.0	0.0	73.6	Percent																			
DEPARTURES		3.43		3.18		0.25	3.31		1.09	-0.33	-0.26	0.60	-0.08	0.12	0.0	0.0	1.5	Percent																			
Max >70°F	Dates	89.3		66.4		35.9	76.4	12.3	72.0	Whole Day		2.81	0.30	0.10	0.0	0.0	Precip	24 Hr.																			
19 DAYS										Ave.	0.73						Amount	3.43																			
Departure		Oct-19		Oct-01		Oct-29	Oct-19	Oct-24	Oct-01	Normal	1.02	Oct-08	Oct-08	Oct-01			Date	Oct-08																			
2.0									Oct-02	Depart.	-0.30						Date	Oct-09																			
3										SKY	AM	PM	>= 0.10	INCHES	>= 1.00	INCHES	>= 2.00	INCHES																			
MIN >60°F	Dates	62	Oct-26	37.9	Oct-23	6.1	50.3	-16.7	60.0	CLEAR	18	15	3	DAYS	1	DAYS	1	DAYS																			
12										PT. CLO.	5	8	HOTTEST	76.4	Highest	Lowest	COOLEST	50.3																			
2										Oct-27	8	8	DAY	10-19	Mean	Mean	DAY	10-26																			
3										Oct-29	CLOUDY	8	8																								
Departure		<32 °F	0	<=32 °F	0	MAX. DAYS	>=85	>=80	>=75	>=70	>=65	>=60	>=55	>=50	>=45	>=40	>=35	>=30																			
8.0		>=90 °F	0	>=70 °F	0		3	6	13	19	30	31	31	31	31	31	31	0																			

PAGE #2 **Oct 2016** **West Henrico Co. - Glen Allen Weather Center 37.6554° N. 77.5692° W. - Kointz**

20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38	
Oct 2016	2nd PERIOD		WIND				REL. HUMIDITY		BAROMETRIC PRESSURE					GLAZE	SLEET	SNOW	FOG	K	DEW	FROST																	
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE																										
Oct-01	0215	0235	27.5	11	9:40	100	76	30.10	30.03	30.07	0.00																										
Oct-02			16.1	7	8:38	100	76	30.10	30.02	30.06	0.00																										
Oct-03			31.0	16	10:43	100	50	30.11	29.99	30.05	-0.01																										
Oct-04			51.1	15	13:17	99	59	30.25	30.10	30.18	0.13																										
Oct-05			100.6	17	11:35	97	70	30.29	30.23	30.26	0.08																										
Oct-06	2050	2400	73.7	15	16:29	100	81	30.30	30.24	30.27	0.01																										
Oct-07	1555	1640	70.6	14	7:22	99	85	30.25	30.08	30.17	-0.11																										
Oct-08	0300	2400	134.4	25	22:22	100	93	30.08	29.87	29.98	-0.19																										
Oct-09			206.8	38	10:03	100	44	30.22	29.82	30.02	0.04																										
Oct-10			70.3	25	9:18	91	43	30.40	30.22	30.31	0.29																										
Oct-11			13.3	10	13:39	99	39	30.48	30.37	30.43	0.12																										
Oct-12			8.0	9	15:52	100	54	30.38	30.19	30.29	-0.14																										
Oct-13			37.6	21	23:11	99	52	30.24	30.08	30.16	-0.13																										
Oct-14			51.0	17	0:17	93	45	30.41	30.24	30.33	0.17																										
Oct-15			9.2	10	16:24	99	47	30.43	30.31	30.37	0.04																										
Oct-16			37.8	17	13:46	100	60	30.32	30.09	30.21	-0.16																										
Oct-17			14.0	12	16:36	100	51	30.10	29.94	30.02	-0.18																										
Oct-18			78.0	15	14:01	91	49	30.01	29.91	29.96	-0.06																										
Oct-19			23.0	12	2:09	98	49	30.08	29.97	30.03	0.06																										
Oct-20			33.6	14	15:35	99	54	30.07	29.90	29.99	-0.04																										
Oct-21	2245	2340	63.1	24	12:53	96	61	29.90	29.58	29.74	-0.25																										
Oct-22			72.0	24	1:00	88	34	29.97	29.60	29.79	0.05																										
Oct-23			88.3	25	12:48	91	40	30.15	29.97	30.06	0.27																										
Oct-24			68.4	17	22:33	76	33	30.24	29.98	30.11	0.05																										
Oct-25			20.3	12	0:04	91	35	30.41	30.24	30.33	0.22																										
Oct-26			6.3	10	23:57	96	44	30.48	30.36	30.42	0.10																										
Oct-27	1830	1840	74.3	29	12:56	94	65	30.39	30.10	30.25	-0.18																										
Oct-28			47.5	17	11:01	97	43	30.29	30.10	30.20	-0.05																										
Oct-29			69.0	19	10:15	99	49	30.27	30.05	30.16	-0.04																										
Oct-30			41.7	17	13:30	99	43	30.08	29.90	29.99	-0.17																										
Oct-31			72.5	24	9:55	92	47	30.28	29.99	30.14	0.15																										
TOTAL	Column 23		1711.0	538		2983	1671	937.08	931.47	934.28	TOTAL	0	0	0	2	1	24	1																			
NUMBER	Mar. Wind Run		31	31	31	31	31	31	31	31	NORMAL	0.0	0.0	0.0	4.4	6.1	17.7	0.1																			
AVERAGE	Total		1711.0	55.2	17.35	12:19	96.2	53.9	30.23	30.05	30.14	DEPART.	0.0	0.0	0.0	-2.4	-5.1	6.3	0.9																		
NORMALS	Miles		1537.7	49.8	17.2		95.3	51.7	30.10	29.92	30.03	DAYS OF	GLAZE	SLEET	SNOW	FOG	K	DEW	FROST																		
Departures	Miles		173.3	5.4	0.2		0.9	-2.2	0.13	0.12	0.11																										
MAXIMUM			Dates	206.8	38	NNE	100	93	30.48	30.37	30.43	0.29	5. Very Heavy 4. Heavy-Unusual 3. Moderate - Ave. 2. Light - < Ave. 1. Very Light - Slight - Trace M - Event with intensity missing P - Rain hindering Dew Observation N- NONE																								
DATES			1	Oct-09	Oct-09	10:03	Oct-01	Oct-08	Oct-11	Oct-11	Oct-11	Oct-10																									
			2				Oct-02																														
			3				Oct-03																														
			4				Oct-06																														
MINIMUM			Dates	6.3	7		76	33	29.90	29.58	29.74	-0.25																									
DATES			1	Oct-26	Oct-02		Oct-24	Oct-24	Oct-21	Oct-21	Oct-21	Oct-21																									
			2																																		
MIN. DAYS			<=75	<=70	<=65	<=60	<=55	<=50	<=45	<=40	<=35	<=30																									
			31	31	30	24	19	14	8	4	0	0																									

39 Oct 2016	40 REMARKS FOR THE MONTH October - 2016
Oct-01	3RD PD. SHOWER 0628-0710-A LITTLE SUN AFTER 1645, THE FIRST SUN IN 7 DAYS
Oct-02	CLOUDY ALL DAY UNTIL 1600-SKY WAS BROKEN AND BECAME CLEAR BY 1700-PM EST. 70-75% CLOUDY
Oct-03	HURRICANE MATTHEW WILL HIT HAITI AND CUBA AND THEN CAPE HATTERAS ACCORDING TO MODELS
Oct-04	COOLEST SINCE JUNE 19, 2016 WHEN IT WAS 55.1°F -CLEAR TO 1130 THEN CUMULUS THE REST OF THE DAY-HURRICANE TRACK IS EVEN A LITTLE MORE TO THE WEST
Oct-05	CLO. ALL DAY EXCEPT PC FROM 1415-1450-MATTHEW'S TRACK FORECAST CHANGED GREATLY FROM A TRACK UP THE COAST TO CIRCLING BACK OFF THE COAST-VA IN REDUCED THREAT
Oct-06	COOLEST AM SINCE JUNE 9, 2016 WHEN IT WAS 50.2°F -MATTHEW IS HITTING FLA COAST TONIGHT
Oct-07	HURRICANE MATTHEW SKIRTED N. FLA COAST AND GA COAST TODAY
Oct-08	MATTHEW SKIRTED SC AND SOUTHERN PART OF NC TO WILMINGTON BEFORE SHOWING EASTWARD MOTION-ALL DAY RAIN HERE
Oct-09	2ND GREATEST 24 HR RAIN FROM 0600 OF THE 8TH TO 0600 OF 9TH A TOTAL OF 3.4 INS. - THE HEAVIEST CALENDAR DAY RAIN SINCE IRENE ON AUG. 27, 2011 WHEN 3.75 INS. FELL-SKY
Oct-10	COLDEST SINCE MAY 16, 2016 WHEN IT WAS 40.6°F -BEAUTIFUL SUNNY COOL FALL DAY
Oct-11	COLDEST SINCE APR. 17, 2017 WHEN IT WAS 35.9°F -CIRRUS ALL DAY BUT THICKENING IN PM-AM CIRRUS WAS THIN-FROST OBSERVED IN A COUPLE PATCHES ON NEIGHBOR'S ROOF
Oct-12	AM HAD CIRRUS TO 1040 THIS CUMULUS TO 1250 FOLLOWED BY CLEARING AND TOTALLY CLEAR FROM 1415 TO DARK
Oct-13	A WEAK COLD FRONT TO PASS TONIGHT WITH NO PRECIP.-TODAY WAS ANOTHER BEAUTIFUL FALL DAY
Oct-14	A FEW THIN SCATTERED CIRRUS CLOUDS IN AM THAT BECAME THICKER AND COVERED MORE OF THE SKY BY 1515-PM EST. TO BE 60% CLOUDY
Oct-15	NO CLOUDS ALL DAY AND A BEAUTIFUL FALL DAY
Oct-16	EARLY AM FOG FROM 0745-0915 THEN VERY CLEAR THE REST OF THE DAY
Oct-17	CLEAR ALL DAY AND WARM FOR MID-OCT.-ALSO VERY HEAVY DEW-REC. HIGH MAX. FOR DATE
Oct-18	CLEAR MOST OF THE DAY AND A NEW REC. HIGH MAX. AND MIN. FOR DATE
Oct-19	CLEAR MOST OF THE DAY AND A NEW HIGH MAX. AND MIN. FOR DATE-ONLY ONE DEGREE FROM THE HIGHEST TEMP. EVER REC. IN OCT BUT IT WAS HIGHEST TEMP. EVER REC. SO LATE
Oct-20	CLEAR AM WITH A PM OF SCATTERED THIN CIRRUS-ANOTHER DAY WITH REC. HIGH MAX. AND MIN. TEMP. FOR DATE
Oct-21	CLEAR TO 0945 THEN PC TO 1100 FOLLOWED BY CLEARING UNTIL 1215 THEN MOSTLY CLOUDY PM
Oct-22	EARLY VERY LIGHT SPRINKLE AROUND 0600 THAT REG. ONLY 2 ON RAIN SENSOR-WINDY DAY AND A FEW EARLY AM SCATTERED CUMULUS CLOUDS THEN BECAME VERY CLEAR-
Oct-23	COLDEST AM SINCE APR. 17, 2016 WHEN IT WAS 35.9°F
Oct-24	SOUTH WIND TODAY-MUCH WARMER AND NO OVERNIGHT DEW FOR A CHANGE BECAUSE OF WIND AND WARMER TEMPS.
Oct-25	CLEAR WARM OCT. DAY-VERY CLEAR AM WITH A DEEP BLUE SKY-PM DID HAVE FEW SCATTERED CUMULUS
Oct-26	CLOUDS CAME IN AT 1115 AS ALTOCUMULUS BUT IT BECAME CLEAR AGAIN AFTER 1445-PM EST. 40% CLOUDY
Oct-27	CLOUDY ALL DAY WITH SOME SUN THROUGH CLOUDS EARLY-THUNDERSHOWER OCCURRED BET. 1345-1355
Oct-28	SOME WATER ON DECK FROM YESTERDAY'S RAIN BUT ALSO MANY SMALLER DEW DROPS SEEN ON DECK-ONLY A FEW CIRRUS DURING DAY
Oct-29	ONLY A FEW SCATTERED CIRRUS AND A BEAUTIFUL FALL DAY
Oct-30	AM HAD CIRRUS AND CIRROSTRATUS WITH WEAK SUN THROUGH CLOUDS-PM HAD DECREASING CIRRUS AFTER 1600 AND WAS CLEAR BY 1630 TO DARK
Oct-31	WEAK COLD FRONT PASSED DURING NIGHT WITH A NORTH BREEZE THAT PREVENTED ANY DEW-ANOTHER MOSTLY CLEAR DAY AND THE MONTH IS THE CLEAREST OCT. ON RECORD
DATE	EXTENSION OF LENGTHY DAILY REMARKS

Oct-09	MOSTLY CLEAR BY 0945 AND COMPLETELY CLEAR BY 1105-WIND RUN WAS 206.8 MILES THE HIGHEST SINCE MARCH 10, 2016 WHEN IT WAS 210.5 MILES
Nov-11	WHEN THE TEMP. AT 5 FEET WAS 40.1°F -THIS IS HIGHEST TEMP. THAT I HAVE EVER OBSERVED FROST BUT THE TEMP. ON THE WEATHER STATION ROOF DID READ A MIN. OF 30°F THIS MORNING - THIS IS THOUGHT TO HAVE OCCURRED BY EXCELLENT RADIATION AND VERY CALM CONDITIONS
Oct-19	IN OCT. - REC. FOR MONTH OF OCT. IS 90°F REC. ON OCT. 5, 2013
Oct-22	SNOWSHOE WV HAD FIRST LIGHT SNOW OF FALL SEASON
Oct-23	NOTE FROST ON THE 23 WAS NOT A KILLING FROST BUT ROOFS WERE MOSTLY WHITE FROM THE MORNING FROST - THE T's ON THE 11th AND 26th ARE FOR A TRACE OF FROST

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DAILY RECORDS FOR THE MONTH

Oct

2016

The Glen Allen Station had 28 Records or Record Ties and 3 Comments October 2016

1	The minimum temperature on the 1st was 66.4°F, a new 8 year warm daily minimum temperature record for the date - the old record was 58°F in 2014.
2	
3	
4	
5	The daily temperature range on the 5th was 11°F, a new 8 year LOW daily temperature range record for the date - the old record was 13.2°F in 2015.
6	The daily temperature range on the 6th was 14.8°F, a new 8 year LOW daily temperature range record for the date - the old record was 20°F in 2008. The daily precipitation on the 6th was 0.01 inches, a new 8 year HIGH daily precipitation record for the date - the old record was T inches in 2010 and 2009.
7	The minimum temperature on the 7th was 62.7°F, a new 8 year warm daily minimum temperature record for the date - the old record was 57°F in 2013.
8	The minimum temperature on the 8th was 62.4°F, a new 8 year warm daily minimum temperature record for the date - the old record was 56°F in 2014. The daily temperature range on the 8th was 6.1°F, a new 8 year LOW daily temperature range record for the date - the old record was 8°F in 2012. The daily precipitation on the 8th was 2.81 inches, a new 8 year HIGH daily precipitation record for the date - the old record was 0.34 inches in 2014.
9	The daily precipitation on the 9th was 0.75 inches, a new 8 year HIGH daily precipitation record for the date - the old record was 0.73 inches in 2013. * Both the calendar day rain (2.81 inches) and the 24 hour rainfall (3.43 inches) were both the most since Tropical Storm Irene on Aug. 27, 2011
10	The minimum temperature on the 10th was 45.2°F, a new 8 year LOW daily minimum temperature record for the date - the old record was 48.4°F in 2015. * The minimum temperature last night was 45.2°F the lowest minimum temperature since May 16, 2016 when the minimum temperature was 40.6°F.
11	The minimum temperature on the 11th was 40.1°F, a new 8 year LOW daily minimum temperature record for the date - the old record was 41°F in 2012. * The minimum temperature last night was 40.1°F the lowest minimum temperature since April 17, 2016 when the minimum temperature was 35.9°F.
12	The minimum temperature on the 12th was 43.6°F, a new 8 year LOW daily minimum temperature record for the date - the old record was 44°F in 2012.
13	
14	
15	
16	
17	The maximum temperature on the 17th was 83.1°F, a new 8 year HIGH daily maximum temperature record for the date - the old record was 79°F in 2011.
18	The maximum temperature on the 18th was 85.3°F, a new 8 year HIGH daily maximum temperature record for the date - the old record was 81°F in 2011. The minimum temperature on the 18th was 64.1°F, a new 8 year warm daily minimum temperature record for the date - the old record was 56°F in 2011.
19	The minimum temperature on the 19th was 63.6°F, a new 8 year warm daily minimum temperature record for the date - the old record was 62°F in 2011. The maximum temperature on the 19th was 89.3°F, a new 8 year HIGH daily maximum temperature record for the date - the old record was 79°F in 2012. The daily temperature range on the 19th was 25.8°F, a new 8 year HIGH daily temperature range record for the date - the old record was 25.5°F in 2015.
20	The minimum temperature on the 20th was 64.1°F, a new 8 year warm daily minimum temperature record for the date - the old record was 52°F in 2010. The maximum temperature on the 20th was 86°F, a new 8 year HIGH daily maximum temperature record for the date - the old record was 72°F in 2012 and 2009.
21	The minimum temperature on the 21st was 59.9°F, a new 8 year warm daily minimum temperature record for the date - the old record was 51°F in 2014. The maximum temperature on the 21st was 79.9°F, a new 8 year HIGH daily maximum temperature record for the date - the old record was 78°F in 2009. The daily temperature range on the 21st was 20°F, a new 8 year LOW daily temperature range record for the date - the old record was 22°F in 2014. The daily precipitation on the 21st was 0.04 inches, a new 8 year HIGH daily precipitation record for the date - the old record was 0 inches in .
22	
23	
24	
25	
26	
27	
28	
29	The daily temperature range on the 29th was 35.9°F, a new 8 year HIGH daily temperature range record for the date - the old record was 24°F in 2014. The maximum temperature on the 29th was 77.7°F, a new 8 year HIGH daily maximum temperature record for the date - the old record was 76°F in 2014.
30	The maximum temperature on the 30th was 82.3°F, a new 8 year HIGH daily maximum temperature record for the date - the old record was 67°F in 2013. The daily temperature range on the 30th was 28.3°F, a new 8 year HIGH daily temperature range record for the date - the old record was 28°F in 2011.
31	