


1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19	
Sep 2015	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																			
Sep-01	Tue	91	15:05	70	6:38	21.8	80.4	1.6	75	0	0																										
Sep-02	Tue	95	14:00	70	23:54	24.9	82.2	1.8	77	0	1	0.32	0.32	0.17																			1820	1825			
Sep-03	Wed	93	15:30	67	5:38	26.1	79.6	-2.6	77	0	1																										
Sep-04	Thu	93	13:10	70	6:40	22.4	81.4	1.9	77	0	2	T	T	T																			1318	1320			
Sep-05	Fri	85	15:49	69	22:56	16.1	76.8	-4.7	76	2	1																										
Sep-06	Sat	86	14:26	63	6:57	22.7	74.7	-2.1	75	0	2																										
Sep-07	Sun	90	15:45	68	6:04	22.3	78.7	4.0	76	1	1																										
Sep-08	Mon	92	15:27	67	6:37	24.6	79.2	0.5	76	0	1																										
Sep-09	Tue	94	13:43	73	6:52	20.7	83.2	4.0	77	0	1	0.20	0.20	0.06																			1358	1408			
Sep-10	Wed	87	15:27	70	23:57	17.3	78.2	-5.0	78	2	2	0.49	0.27	0.13																			0105	0200			
Sep-11	Thu	84	14:51	63	6:26	20.2	73.4	-4.8	77	0	0																										
Sep-12	Fri	77	13:30	65	0:38	11.4	71.1	-2.3	77	2	2	0.59	0.52	0.25																			0645	0835			
Sep-13	Sat	77	13:57	55	23:58	22	65.9	-5.2	74	1	1	0.05	0.05	0.02																			0930	0940			
Sep-14	Sun	76	14:34	47	6:35	28.6	61.7	-4.2	71	0	0																										
Sep-15	Mon	83	14:30	51	6:18	31.3	67.1	5.3	70	0	0																										
Sep-16	Tue	85	14:19	55	7:12	29.7	69.8	2.7	70	0	1																										
Sep-17	Wed	85	14:42	58	6:47	27.2	71.2	1.5	71	0	0																										
Sep-18	Thu	85	15:24	60	7:03	25.6	72.4	1.2	71	0	0																										
Sep-19	Fri	85	13:37	64	5:24	21.3	74.8	2.3	72	1	1																										
Sep-20	Sat	80	13:49	65	7:05	15.2	72.4	-2.3	72	0	0																										
Sep-21	Sun	70	12:08	62	6:10	7.9	66.1	-6.4	72	2	2	0.06	0.05	0.01																			1514	1910			
Sep-22	Mon	75	14:21	61	6:28	13.5	68.1	2.0	71	2	2																										
Sep-23	Tue	76	14:18	59	23:52	17.4	67.5	-0.5	71	2	1																										
Sep-24	Wed	80	15:19	55	6:12	25	67.4	-0.1	69	1	1																										
Sep-25	Thu	73	14:53	62	3:56	10.7	67.8	0.3	69	2	2	0.13	0.06	0.01																			0915	1055			
Sep-26	Fri	68	14:11	61	4:12	6.8	64.8	-3.0	69	2	2	0.42	0.08	0.02																				0001	1125		
Sep-27	Sat	74	15:57	60	5:16	14.4	66.8	2.0	68	2	2	0.14	0.10	0.02																				0001	0220		
Sep-28	Sun	81	12:41	68	0:33	12.8	74.6	7.8	69	2	2	0.21	0.18	0.10																				0055	0105		
Sep-29	Mon	79	13:44	71	1:23	8	74.9	0.3	71	2	2	1.58	0.48	0.21																				0148	0155		
Sep-30	Tue	84	11:00	66	23:59	17.1	75.0	0.0	73	2	2	T	T	T																			0215	0220			
TOTAL		2479		1894		585.0	2186.5	-3.9	2191	28	35	4.19	2.31	1.00	0.0	0.0	Col.26-27																				
NUM		30	30	30	30	30	30	30	30	30	30	11	11	11	0	0	DAILY AVE RH																				
AVE.		82.63	14:20	63.13	9:11	19.50	72.88		73.03	0.93	1.17	Ave. Tot.	Ave.Max	Ave.Max			75.8	Percent																			
Normals		80.90		61.13		19.77	71.01		73.49	0.96	1.02	3.60	0.68	0.18			73.1	Percent																			
Departures		1.73		2.00		-0.27	1.87		-0.46	-0.03	0.14	0.59	-0.16	0.07			2.7	Percent																			
MAX. DATES	Dates	95		73		31.3	83.2	7.8	78.0	Whole Day		1.58	0.52	0.25			Precip	24 Hr.																			
	1	Sep-02		Sep-09		Sep-15	Sep-09	Sep-28	Sep-10	Ave.	1.05	Sep-29	Sep-12	Sep-12			Amount	1.58																			
	2									Normal	1.09						Date	Sep-28																			
	3									Depart	-0.04																										
MIN. DATES	Dates	68		47		6.8	61.7	-6.4	68.0	SKY		AM	PM	>= 0.10	INCHES	>= 1.00	INCHES	>= 2.00	INCHES																		
	1	Sep-26		Sep-14		Sep-26	Sep-14	Sep-21	Sep-27	CLEAR	14	7	>= 9	DAYS	1	DAYS	0	DAYS																			
	2									P.CLO.	4	11	HOTTEST	83.2	Highest	Lowest	COOLEST	61.7																			
	3									CLO.	12	12	DAY	9-09	Mean	Mean	DAY	9-14																			
<=32 °F		0	<=32 °F	0	MAX.	>=95	>=90	>=85	>=80	>=75	>=70	>=65	>=60	>=55																							
>=90 °F		6	>=70 °F	3		0	6	11	19	25	29	30	30	30																							

20		21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	
Sep 2015	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE												
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG	DEW	FROST			
Sep-01			18.1	12	0:39	98	46	30.11	30.02	30.07	0.04								3	
Sep-02	1930	1955	22.7	23	19:47	94	45	30.07	29.93	30.00	-0.06							3	1	
Sep-03			13.5	15	17:03	99	45	29.98	29.85	29.92	-0.09			1					P	
Sep-04			23.6	15	14:55	96	45	30.12	29.90	30.01	0.09								4	
Sep-05			53.7	15	12:18	98	53	30.21	30.11	30.16	0.15				1				4	
Sep-06			28.3	15	11:34	99	49	30.22	30.14	30.18	0.02								4	
Sep-07			14.9	11	14:53	98	47	30.17	30.05	30.11	-0.07								4	
Sep-08			35.4	16	18:42	98	48	30.10	29.96	30.03	-0.08								3	
Sep-09	1710	2100	43.4	17	16:00	98	46	30.01	29.84	29.93	-0.11							1	3	
Sep-10	1110	1125	23.4	15	1:02	99	64	29.88	29.72	29.80	-0.13								P	
Sep-11			30.6	15	11:19	99	40	29.89	29.78	29.84	0.04								4	
Sep-12	1358	1406	18.7	15	7:58	98	83	29.83	29.67	29.75	-0.09							1	4	
Sep-13	1445	1600	29.1	15	14:41	98	45	30.07	29.73	29.90	0.15								4	
Sep-14			17.8	12	15:22	99	35	30.29	30.07	30.18	0.28								5	
Sep-15			15.7	11	12:04	98	35	30.40	30.28	30.34	0.16								4	
Sep-16			11.0	12	13:18	99	36	30.38	30.25	30.32	-0.03								5	
Sep-17			12.2	10	14:32	99	38	30.26	30.08	30.17	-0.14								4	
Sep-18			13.8	12	15:25	99	40	30.09	29.96	30.03	-0.15								5	
Sep-19			21.7	16	16:08	100	45	30.01	29.88	29.95	-0.08				5				5	
Sep-20			71.3	20	9:43	98	52	30.06	29.87	29.97	0.02								4	
Sep-21			75.9	14	12:11	96	73	30.17	30.03	30.10	0.14								N	
Sep-22			128.1	20	13:27	98	64	30.23	30.15	30.19	0.09								P	
Sep-23			91.2	16	9:01	98	54	30.25	30.17	30.21	0.02								2	
Sep-24			72.1	19	10:51	94	32	30.26	30.19	30.23	0.02								4	
Sep-25	1315	2400	103.5	20	15:24	93	73	30.25	30.19	30.22	-0.01								1	
Sep-26	1305	1350	134.1	20	14:12	100	78	30.34	30.22	30.28	0.06								P	
Sep-27	0850	0855	106.8	18	13:24	96	75	30.33	30.20	30.27	-0.02								P	
Sep-28	1345	1415	34.7	14	13:11	98	68	30.22	30.06	30.14	-0.13								P	
Sep-29	1000	2125	38.8	22	20:42	100	85	30.07	29.76	29.92	-0.23				1		1		P	
Sep-30			84.5	24	16:55	99	71	29.91	29.70	29.81	-0.11								P	
TOTAL Number	Column 23		1388.6	479		2936	1610	904.18	899.76	901.97	-0.22	0	0	0	4	4	21	0		
	Mar. Wind Run		30	30	30	30	30	30	30	30	30									
AVE.	Total	1388.6	46.29	16.0	13:13	97.87	53.67	30.14	29.99	30.07		GLAZE	SLEET	SNOW	FOG	THUNDER	DEW	FROST		
Normals	Miles	1341.8	45.00	16.1		94.5	51.6	30.12	29.97	30.04										
Departures	Miles	46.8	1.28	-0.1		3.4	2.1	0.02	0.02	0.02		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								
MAXIMUM DATES	Dates	134.1	24	NNE	100	85	30.40	30.28	30.34	0.28										
	1	Sep-26	Sep-30	16:55	Sep-19	Sep-29	Sep-15	Sep-15	Sep-15	Sep-14										
	2				Sep-26															
	3				Sep-29															
MINIMUM DATES	Dates	11.0	10		93	32	29.83	29.67	29.75	-0.23										
	1	Sep-16	Sep-17		Sep-25	Sep-24	Sep-12	Sep-12	Sep-12	Sep-29										
MINIMUM	<=75	<=70	<=65	<=60	<=55	<=50	<=45	<=40	<=35	<=30										
	0	3	13	21	25	29	30	30	30	30										

**Sep
2015**

REMARKS FOR THE MONTH

September - 2015

Sep-01	
Sep-02	AM CLEAR BUT A HAZY SKY-PM PARTLY CLOUDY AND HAZY-1820-1825 SPRINKLE-TS 1930-1955, ANOTHER SPRINKLE 2040-2100
Sep-03	LIGHT AM FOG AND LOW CLOUDS DISIPATED AT 0830 THEN VERY CLEAR TO 1300 FOLLOWED BY PC BECAUSE OF CUMULUS CLOUDS
Sep-04	CLOUDS CAME IN AROUND 1230 AND PM HAD A HARDLY DISCERNIBLE SPRINKLE BETWEEN 1318-1320
Sep-05	PM EST. TO BE 55-60% CLOUDY-BOTH WITH CUMULUS CLOUDS THEN CIRRUS AFTER 1645
Sep-06	AM MOSTLY CLEAR ONLY THIN CIRRUS THEN SCATTERED CUMULUS AROUND 1020 & MOSTLY CLOUDY BY NOON STAYING SO UNTIL 1300 THEN CLEAR TO 1430 &
Sep-07	
Sep-08	CUMULUS CLOUDS CAME IN AT 1100 AND INCREASED IN NUMBER AGAINST A DARK BLUE BACKGROUND
Sep-09	MAIN RAIN WAS IN A THUNDERSTORM FROM AROUND 2021-2100
Sep-10	3RD PD. OF PRECIP. 1610-1825
Sep-11	COLD FRONT PASSED AT 0800-MUCH LOWER REL. HUMIDITY TODAY AND LOWER DEWPOINTS-NO CLOUDS SEEN
Sep-12	
Sep-13	THIS EVENING WAS THE 1ST DAY THAT IT FELT LIKE FALL
Sep-14	NOT ONE CLOUD SEEN TODAY AND VERY PLEASANT WITH A LOW DEWPOINT OF 46°F
Sep-15	ANOTHER BEAUTIFUL DAY-ONLY A FEW PM CIRRUS AND ABOUT 6 DEGREES WARMER
Sep-16	CIRRUS CLOUDS CAME IN ABOUT 1345 BUT WERE FEW AND THIN UNTIL 1645
Sep-17	SOME CIRRUS IN AM UNTIL 0900 THEN VERY CLEAR
Sep-18	AM WAS ALMOST TOTALLY CLEAR AND FIRST CUMULUS WERE SPOTTED AROUND NOON
Sep-19	VERY HEAVY FOG AT 0645 - VISIBILITY ABOUT 0.1 MILE OR LESS-HEAVIEST FOG SEEN SINCE THIS STATION WAS PUT INTO OPERATION BUT ALL FOG CLEARED BY 1000
Sep-20	CIRRUS AND CIRROCUMULUS AROUND NOON BUT VERY THIN AND MUCH SOLAR ENERGY THROUGH CLOUDS
Sep-21	COOLEST DAY SINCE JUNE 5, 2015-CLOUDY ALL DAY AND MAINLY DRIZZLE FOR A PRECIP. TYPE
Sep-22	
Sep-23	AM ABOUT 70% CLOUDY AND PM ABOUT 45-55% CLOUDY
Sep-24	CIRRUS AVERAGE COVERAGE DURING DAY WAS ABOUT 50% BUT MUCH SOLAR ENERGY THROUGH CLOUDS
Sep-25	BREEZY IN MORNING KEEPING DEW FROM FORMING
Sep-26	SPRINKLES OR LIGHT RAIN MOST OF DAY-3RD PD. OF PRECIP. 1435-2400
Sep-27	3RD PD. OF SPRINKLES 1445-1455, 4TH PD. OF SPRINKLES 1955-2020
Sep-28	3RD PD. OF PRECIP. AND HEAVIEST ALL DAY WITH DISTANT THUNDER (QUESTIONALBE) FROM 1730-1805-4TH PD. SPRINKLES 1900-1940
Sep-29	THUNDER HEARD ONLY ONCE AROUND 1635 FOLLOWED BY HEAVY DOWNPOUR
Sep-30	VERY WARM NIGHT-EXTREMELY HIGH DEWPOINTS FOR END OF SEPT. -JOAQUIN TRACK BY GSF INDICATES IT'S HEADED TOWARD VA BUT FORECAST UNCERTAIN

DATE

EXTENSION OF LENGTHY DAILY REMARKS

Sep-06 CLOUDY TO SUNSET

West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz

41

DAILY RECORDS FOR THE MONTH

The Glen Allen Station has 28 Records or Record Ties in September 2015

**Sep
Days**

1	
2	
3	
4	The maximum temperature on the 4th was 92.6°F, a new 7 year daily HIGH maximum temperature record for the date - the old record was 92°F in 2008.
5	
6	
7	The minimum temperature on the 7th was 67.5°F, a new 7 year warm daily minimum temperature record for the date - the old record was 67°F in 2011 and 2010.
8	The maximum temperature on the 8th was 91.5°F, a new 7 year daily HIGH maximum temperature record for the date - the old record was 90°F in 2010.
9	The maximum temperature on the 9th was 92°F, a new 7 year daily HIGH maximum temperature record for the date - the old record was 85°F in 2011. The minimum temperature on the 9th was 72.8°F, a new 7 year warm daily minimum temperature record for the date - the old record was 71°F in 2008. The daily precipitation on the 9th was 0.20 inches a new 7 year HIGH daily precipitation record for the date - the old record was 0.04 inches in 2014.
10	The daily precipitation on the 10th was 0.49 inches a new 7 year HIGH daily precipitation record for the date - the old record was 0.03 inches in 2009. The minimum temperature on the 10th was 69.5°F, a new 7 year warm daily minimum temperature record for the date - the old record was 68°F in 2013.
11	
12	The maximum temperature on the 12th was 76.8°F, a new 7 year LOW daily maximum temperature record for the date - the old record was 78°F in 2014 and 2010. The daily temperature range on the 12th was 11.4°F, a new 7 year LOW daily temperature range record for the date - the old record was 12°F in 2014.
13	
14	The minimum temperature on the 14th was 47.4°F a new 7 year LOW daily minimum temperature record for the date - the old record was 53°F in 2013.
*	The minimum temperature last night was 47.4 °F the lowest minimum temperature since May 22, 2015 when the minimum temperature was 46.6°F. The daily temperature range on the 14th was 28.6°F a new 7 year HIGH daily temperature range record for the date - the old record was 27°F in 2010.
15	
16	The daily temperature range on the 16th was 29.7°F a new 7 year HIGH daily temperature range record for the date - the old record was 27°F in 2010.
17	The daily temperature range on the 17th was 27.2°F a new 7 year HIGH daily temperature range record for the date - the old record was 23°F in 2010.
18	The maximum temperature on the 18th was 86°F, a new 7 year daily HIGH maximum temperature record for the date - the old record was 82°F in 2010 and 2008.
19	The minimum temperature on the 19th was 64.1°F, a new 7 year warm daily minimum temperature record for the date - the old record was 62°F in 2014.
20	The minimum temperature on the 20th was 65.1°F, a new 7 year warm daily minimum temperature record for the date - the old record was 63°F in 2011.
21	The maximum temperature on the 21st was 70°F, a new 7 year LOW daily maximum temperature record for the date - the old record was 74°F in 2013. The daily temperature range on the 21st was 7.9°F, a new 7 year LOW daily temperature range record for the date - the old record was 10°F in 2011.
*	The 70°F maximum today was the coolest maximum temperature since June 5, 2015 when the maximum temperature was 69°F.
22	The maximum temperature on the 22nd was 74.8°F, a new 7 year LOW daily maximum temperature record for the date - the old record was 76°F in 2013.
23	
24	
25	
26	
27	
28	The daily temperature range on the 28th was 12.8°F, a new 7 year LOW daily temperature range record for the date - the old record was 13°F in 2011 and 2008. The daily precipitation on the 28th was 0.21 inches a new 7 year HIGH daily precipitation record for the date - the old record was 0.05 inches in 2009.
29	The minimum temperature on the 29th was 70.9°F, a new 7 year warm daily minimum temperature record for the date - the old record was 61°F in 2011 and 2008. The daily precipitation on the 29th was 1.58 inches a new 7 year HIGH daily precipitation record for the date - the old record was 1.18 inches in 2010.
30	The minimum temperature on the 30th was 66.4°F, a new 7 year warm daily minimum temperature record for the date - the old record was 65°F in 2010. The maximum temperature on the 30th was 83.5°F, a new 7 year daily HIGH maximum temperature record for the date - the old record was 80°F in 2011.