

Aug 2014		Week		TEMPERATURE				TEMPERATURE				SKY		PRECIPITATION			FROZ. PRECIP.		1st PERIOD	
Day	Day	MAX.	Time	MIN.	Time	RANGE	MEAN	CHANGE	SOIL	AM	PM	Liquid	1 Hr.	5 Min.	NEW	GROUND	START	END		
Aug-01	Fri	75	13:17	64	23:58	11	69.5	-3.5	76	2	2	0.45	0.08	0.01			0110	0330		
Aug-02	Sat	76	13:53	64	0:28	12	70.0	0.5	74	2	2	0.06	0.04	0.01			0001	0300		
Aug-03	Sun	84	16:24	69	6:06	15	76.5	6.5	75	2	1	0.01	0.01	T			0012	0105		
Aug-04	Mon	87	15:40	66	6:13	21	76.5	0.0	75	1	1	T	T	T			1800	1804		
Aug-05	Tue	89	15:33	68	6:53	21	78.5	2.0	76	0	1									
Aug-06	Wed	90	14:11	67	6:44	23	78.5	0.0	77	0	2	0.05	0.05	0.02			1520	1610		
Aug-07	Thu	87	14:55	66	6:50	21	76.5	-2.0	77	0	0									
Aug-08	Fri	85	12:34	62	3:58	23	73.5	-3.0	76	2	2									
Aug-09	Sat	79	13:42	65	23:48	14	72.0	-1.5	76	2	2									
Aug-10	Sun	84	14:13	62	6:50	22	73.0	1.0	75	1	1									
Aug-11	Mon	83	12:19	61	6:16	22	72.0	-1.0	75	1	2	0.03	0.02	0.01			1744	1825		
Aug-12	Tue	85	16:58	70	6:07	15	77.5	5.5	75	2	2	2.54	1.87	0.35			0001	0055		
Aug-13	Wed	84	12:37	67	23:58	17	75.5	-2.0	76	1	1									
Aug-14	Thu	84	15:20	56	6:14	28	70.0	-5.5	75	0	0									
Aug-15	Fri	83	15:45	60	6:40	23	71.5	1.5	75	0	0									
Aug-16	Sat	85	14:41	62	6:49	23	73.5	2.0	75	0	0									
Aug-17	Sun	88	12:01	65	5:37	23	76.5	3.0	75	2	2									
Aug-18	Mon	84	12:55	68	4:36	16	76.0	-0.5	76	2	2	0.02	0.01	T			1427	1455		
Aug-19	Tue	86	15:05	70	6:47	16	78.0	2.0	76	2	2	0.29	0.29	0.09			1517	1650		
Aug-20	Wed	87	15:23	68	6:08	19	77.5	-0.5	76	2	2	0.05	0.05	T			1738	1750		
Aug-21	Thu	91	14:09	66	6:34	25	78.5	1.0	76	0	2									
Aug-22	Fri	84	17:34	70	6:34	14	77.0	-1.5	78	2	2	T	T	T			1334	1340		
Aug-23	Sat	80	12:56	68	23:57	12	74.0	-3.0	77	2	2	0.15	0.06	0.02			0320	0735		
Aug-24	Sun	79	12:09	62	23:44	17	70.5	-3.5	76	1	1									
Aug-25	Mon	81	15:39	58	6:03	23	69.5	-1.0	74	1	0									
Aug-26	Tue	87	14:53	58	5:12	29	72.5	3.0	73	0	0									
Aug-27	Wed	88	14:52	58	6:23	30	73.0	0.5	74	0	0									
Aug-28	Thu	90	14:02	69	3:45	21	79.5	6.5	75	1	0									
Aug-29	Fri	85	15:31	63	7:03	22	74.0	-5.5	76	0	0									
Aug-30	Sat	87	17:08	69	1:16	18	78.0	4.0	76	2	2	T	T	T			1655	1700		
Aug-31	Sun	94	14:48	74	6:44	20	84.0	6.0	76	0	1									
TOTAL		2631		2015		616.	2323.	11.0	2342	33	37	3.65	2.48	0.51	0.0	0.0	Col.26-27			
NUM AVE.		31	31	31	31	031	031	31	31	31	31	10	10	7	0	0	DAILY AVE RH			
Normals		84.87	14:33	65.00	8:39	19.8	74.94		75.5	1.06	1.1	Ave. Tot.	Ave.Max	Ave.Max			73.8	Percent		
Departure		87.38 -		67.99 -		7	77.69 -		5	1.07	9	4.92	1.14	0.37			71.5	Percent		
s		2.51		2.99		19.6	275		77.9	-	1.1	-1.27	0.73	-0.02			2.3	Percent		
MAX. DATES		Dates	94	74		30	84.0	6.5	78.0	Whole Day		2.54	1.87	0.35			Precip	24 Hr.		
		1	Aug-31	Aug-31		Aug-27	Aug-31	Aug-03	Aug-22	Ave.		Aug-12	Aug-12	Aug-12			Amount	2.57		
		2						Aug-28		1.13							Date	Aug 11		
		3								Normal							Date	Aug-12		
MIN. DATES		Dates	75	56		11	69.5	-5.5	73.0	SKY		>= 0.10	INCHES		>= 1.00	INCHES	>= 2.00	INCHES		
		1	Aug-01	Aug-14		Aug-01	Aug-01	Aug-14	Aug-26	CLEAR	11	9	4	DAYS	1	DAYS	1	DAYS		
		2					Aug-25	Aug-29		P.CLO.	7	7	HOTTEST DAY		84.0	Highest	Lowest	COOLEST		
		3								CLO.	13	15	8-31		Mean	Mean	DAY	69.5		
																		8-01		
<=32 °F		0	<=32 °F	0	MAX.	>=95	>=90	>=85	>=80	>=75	>=70	>=65	>=60							
>=90 °F		4	>=70 °F	4			0	4	17	27	31	31	31							

Aug 2014	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE										
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG	THUNDER	DEW	FROST
Aug-01	435	1200	23.8	13	17:48	98	82	30.20	30.14	30.17	0.05				1		P	
Aug-02	1550	1555	26.0	11	5:02	100	71	30.16	30.08	30.12	-0.05				1		P	
Aug-03			17.6	12	22:25	98	56	30.11	30.03	30.07	-0.05						P	
Aug-04			17.0	10	10:33	98	50	30.12	30.05	30.09	0.02				2		5	
Aug-05			20.9	12	15:35	99	43	30.08	29.95	30.02	-0.07				3		5	
Aug-06			24.0	17	15:02	95	42	29.97	29.90	29.94	-0.08						3	
Aug-07			53.3	15	13:24	99	45	30.07	29.94	30.01	0.07				1		4	
Aug-08			19.1	14	13:16	95	42	30.14	30.05	30.10	0.09						3	
Aug-09			35.6	12	12:23	96	60	30.15	30.10	30.13	0.03						2	
Aug-10			25.0	12	15:13	100	47	30.15	30.08	30.12	-0.01						4	
Aug-11	1930	2005	30.7	13	13:08	97	51	30.13	30.02	30.08	-0.04						4	
Aug-12	0345	0410	15.7	12	12:29	98	72	30.02	29.77	29.90	-0.18				2		P	
Aug-13			32.1	17	17:49	98	46	29.94	29.77	29.86	-0.04						4	
Aug-14			55.7	19	13:39	97	42	30.00	29.90	29.95	0.09						4	
Aug-15			36.9	13	14:49	98	40	30.06	29.96	30.01	0.06						5	
Aug-16			29.9	13	10:05	96	32	30.04	29.97	30.01	0.00						3	
Aug-17			12.6	11	11:44	94	47	29.98	29.91	29.95	-0.06						2	
Aug-18	2000	2025	17.8	10	15:54	96	62	29.93	29.80	29.87	-0.08						3	
Aug-19			40.5	16	15:06	96	61	29.92	29.78	29.85	-0.02						2	
Aug-20	2120	2200	25.3	14	15:04	99	51	30.03	29.91	29.97	0.12				1		4	
Aug-21			12.1	9	12:41	98	50	30.07	29.99	30.03	0.06						P	
Aug-22			16.5	11	1:29	96	64	30.02	29.94	29.98	-0.05						3	
Aug-23	0915	1140	35.4	18	18:35	96	72	30.07	29.96	30.02	0.04						P	
Aug-24			57.9	17	8:44	98	54	30.14	30.06	30.10	0.09						P	
Aug-25			42.8	14	13:51	100	46	30.18	30.12	30.15	0.05						5	
Aug-26			39.8	16	14:17	98	39	30.18	30.08	30.13	-0.02						4	
Aug-27			23.0	13	12:09	99	39	30.11	29.94	30.03	-0.11						4	
Aug-28			51.3	15	9:28	91	41	30.08	29.91	30.00	-0.03						2	
Aug-29			56.4	12	13:28	83	42	30.20	30.08	30.14	0.15						1	
Aug-30			39.9	14	14:01	85	60	30.24	30.11	30.18	0.03						N	
Aug-31			92.5	19	12:24	93	45	30.18	30.01	30.03	-0.14				1		2	
TOTAL	Column 23		1027.	42		298	1594	9326	9293	930.93	-0.09	GLAZE	SLEET	SNOW	FOG	THUNDER	DEW	FROST
Number	Aug. Wind Run		1 31	4 31	31	4 31	31	7 31	1 31	31	31							
AVE.	Total	1027.1	33.1	13.7	13:16	96.3	51.4	30.09	29.98	30.03								
Normals	Miles	1202.2	38.9	38.9		94.1	48.9	30.04	29.91	29.97								
Departures	Miles	-175.1	-5.8	-		2.1	2.5	0.04	0.07	0.06								
MAXIMUM DATES		Dates	92.5 Aug-31	19 Aug-14 Aug-31	HOUR 13:39 12:24	100 Aug-02 Aug-10 Aug-25	82 Aug-01	30.24 Aug-30	30.14 Aug-01	30.18 Aug-30	0.15 Aug-29	5. Very Heavy 4. Heavy-Unusual 3. Moderate - Ave. 2. Light - < Ave.						
MINIMUM DATES		Dates	12.1 Aug-21	9 Aug-21		83 Aug-29	32 Aug-16	29.92 Aug-12 Aug-13	29.77 Aug-12 Aug-13	29.85 Aug-19	-0.18 Aug-12	1. Very Light - Slight - Trace M - Event with intensity missing P - Rain hindering Dew Observation						
MINIMUM			<=80 31	<=75 31	<=70 30	<=65 15	<=60 5	<=55 0	<=50 0	<=45 0		N- NONE						

Aug

REMARKS FOR THE MONTH

2014

August - 2014

Aug-01	3RD PD. OF PRECIP. 1420-2400- VERY LIGHT RAIN MOST OF DAY
Aug-02	3RD PD. OF PRECIP. 1725-1805 BUT ONLY A TRACE AMOUNT
Aug-03	OFF AND ON CLOUDINESS ALL DAY
Aug-04	VERY HEAVY DEW AND LIGHT FOG UNTIL 0840 THEN CLEARING BUT REMAINED PC WITH CUMULUS REST OF DAY
Aug-05	VERY HEAVY DEW AND LIGHT FOG AGAIN-PM WAS ABOUT 35-45% CLOUDY
Aug-06	A WEAK BACKDOOR COLD FRONT PASSED AROUND 1700
Aug-07	CUMULUS CLOUDS FROM 1045-1400 BUT MOST OF THE DAY WAS SUNNY AND PM HAD LOWER DEW POINT TEMPS.
Aug-08	SKY HAD A THIN LAYER OF CIRRUS CLOUDS IN AM THAT BECAME ALTOCUMULUS AT 1100
Aug-09	CLOUDY ALL DAY-SUN THROUGH CIRRUS CLOUDS-RAIN STAYED TO OUR SOUTH AND SW
Aug-10	HEAVY DEW-CLEAR UNTIL 0800 THEN ALTOCUMULUS TO 1000 THEN THIN CIRRUS-AM EST. 60% CLOUDY AND PM EST. 55-60% CLOUDY
Aug-11	3RD PD. SHOWERS FROM 2155-2400
Aug-12	HEAVIEST RAIN SINCE IRENE ON 8/27/2011 WHEN 3.75 INCHES WAS RECORDED
Aug-13	VARIABLE SKY - CLEAR 0630-0730, CLOUDY 0745-0845, CLEAR 0930-1115 THEN PC TO 1600 THEN CLEAR AGAIN
Aug-14	CLOUDY ALL DAY EXCEPT 1500-1515 AND 1600-1615-NEW MIN. RECORD FOR DATE AND ALSO NEW MAX. TEMP.
Aug-15	RANGE BEAUTIFUL AUG. DAY WITH LOW TEMP. AND A MIN. DEW POINT OF 52.6°F AT 0805
Aug-16	BEAUTIFUL AUG. DAY WITH STILL A BELOW AVERAGE TEMP. AND MIN. DEW POINT OF 51.4°F AT 1443
Aug-17	CLOUDY MOST OF DAY -CLEAREST PD. 1100-1130 AND FILTERED SUN THROUGH THICK CIRRUS 1745-SUNSET
Aug-18	CLOUDY ALL DAY AND VERY HUMID-HIGH DEW POINT WAS 74.6°F AT 1511-3RD PD. OF SPRINKLES 2345-2400
Aug-19	CLOUDY MOST OF DAY AND VERY HUMID-HIGH DEW POINT WAS 75.2°F AT 1748-PM HAD A HARD SHOWER BUT NO LIGHTNING
Aug-20	3RD PD. OF PRECIP. 2245-2400-AM WAS CLOUDY AND PM WAS ABOUT 70-75% CLOUDY-MAX. DEW POINT WAS 73°F AT 1745
Aug-21	AM CLEAR WITH THIN CIRRUS BY 1215 AND THICK CIRRUS BY 1315 THEN CLOUDY REST OF DAY
Aug-22	PM EST. 75-80% CLOUDY AND VERY HUMID WITH HIGH DEW POINT OF 73.1°F AT 1527
Aug-23	3RDD PD. OF PRECIP. 1850-2115-VERY HUMID DAY-MAX. DEW POINT 72.8°F AT 1218
Aug-24	CLEAR EARLY THEN A LOT OF HIGH DEFINITION CUMULUS CLOUDS AGAIN A DEEP BLUE SKY-REALLY A BEAUTIFUL AUG. DAY
Aug-25	CLEAR 0630-0845-PC 0900-1315 WITH CUMULUS THEN CLOUDY REST OF DAY
Aug-26	A LITTLE WARMER BUT STILL A NICE AUG. DAY BECAUSE OF LOW REL. HUMIDITY
Aug-27	COOL PLEASANT AM BUT A VERY SUNNY PM AND WARM WITH A REC. TEMP. RANGE FOR DAY OF 30 DEGREES
Aug-28	CIRRUS CLOUDS UNTIL 1115 THEN CUMULUS TO 1430 THEN CLEAR MOST OF THE REST OF DAY-3RD WARMEST DAY OF AUG.
Aug-29	CLEAR ALL DAY EXCEPT ALTOCUMULUS FROM 1000-1100 AND CUMULUS FROM 1830-1945
Aug-30	CLOUDY AM WITH INCREASING HUMIDITY DURING DAY-COLD FRONT THAT PASSED YESTERDAY COMING BACK AS A WARM FRONT-PM WAS 70% CLOUDY
Aug-31	CLEAR UNTIL 1000 -CLOUDY TO 1300 - PT.CLOUDY 10 1430 THEN SCATTERED AND A EVENING PASSED TO OUR NW - LIGHTNING SEEN & A LITTLE THUNDER

DATE

EXTENSION OF LENGTHY DAILY REMARKS

29 Records Broken or Tied in the 6 Years of Data at the Glen Allen Station

Days

1	The maximum temperature on the 1st was 75°F, a new 6 year LOW daily maximum temperature record for the date; the old record was 77°F in 2010. The minimum temperature on the 1st was 64°F, a new 6 year LOW daily minimum temperature record for the date; the old record was 66°F in 2012.
2	The maximum temperature on the 2nd was 76°F, a new 6 year LOW daily maximum temperature record for the date; the old record was 83°F in 2009. The minimum temperature on the 2nd was 64°F, a new 6 year LOW daily minimum temperature record for the date; the old record was 65°F in 2013.
3	The maximum temperature on the 3rd was 84°F, a new 6 year LOW daily maximum temperature record for the date; the old record was 87°F in 2013. The daily temperature range on the 3rd was 15°F, a new 6 year LOW daily temperature range record for the date; the old record was 17 °F in 2010.
4	
5	
6	The daily temperature range on the 6th was 23°F, and EQUALED the 6 year HIGH daily maximum temperature range record for the date; the old record was set in 2008.
7	
8	The maximum temperature on the 8th was 85°F, a new 6 year LOW daily maximum temperature record for the date; the old record was 87°F in 2012. The minimum temperature on the 8th was 62°F, a new 6 year LOW daily minimum temperature record for the date; the old record was 63°F in 2008.
9	The maximum temperature on the 9th was 79°F, a new 6 year LOW daily maximum temperature record for the date; the old record was 87°F in 2008. The daily temperature range on the 9th was 14°F, a new 6 year LOW daily temperature range record for the date; the old record was 16 °F in 2013.
10	The minimum temperature on the 10th was 62°F, a new 6 year LOW daily minimum temperature record for the date; the old record was 66°F in 2008. The maximum temperature on the 10th was 84°F, a new 6 year LOW daily maximum temperature record for the date; the old record was 86°F in 2013 and 2012.
11	The maximum temperature on the 11th was 83°F, a new 6 year LOW daily maximum temperature record for the date; the old record was 84°F in 2013 and 2008.
12	The daily precipitation on the 12th was 2.54 inches, a new 6 year HIGH daily precipitation record for the date; the old record was 1.19 inches in 2010. The rainfall on the 12th was the heaviest since Tropical storm Irene on August 27, 2011 when 3.75 inches was recorded. The radar made it look like hail in the thunderstorm but it was just very intense rain.
13	
14	The minimum temperature on the 14th was 56°F, a new 6 year LOW daily minimum temperature record for the date; the old record was 59°F in 2013. The daily temperature range on the 14th was 29°F, a new 6 year HIGH daily temperature range record for the date; the old record was 26°F in 2008.
15	The daily temperature range on the 15th was 23°F, a new 6 year HIGH daily temperature range record for the date; the old record was 22°F in 2008.
16	
15	
17	
18	
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18	
19	The daily precipitation on the 19th was 0.29 inches, a new 6 year HIGH daily precipitation record for the date; the old record was 0.16 inches in 2012.
20	
21	The daily temperature range on the 21st was 25°F, a new 6 year HIGH daily temperature range record for the date; the old record was 24°F in 2008.
22	The maximum temperature on the 22nd was 84°F, a new 6 year LOW daily maximum temperature record for the date; the old record was 85°F in 2012 and 2011. The daily temperature range on the 22nd was 14°F, a new 6 year LOW daily temperature range record for the date; the old record was 18 °F in 2013 and 2010.
23	The daily temperature range on the 23rd was 12°F, a new 6 year LOW daily temperature range record for the date; the old record was 17 °F in 2010.
24	
25	The minimum temperature on the 25th was 58°F, a new 6 year LOW daily minimum temperature record for the date; the old record was 60°F in 2013.
26	
27	The minimum temperature on the 27th was 58°F, a new 6 year LOW daily minimum temperature record for the date; the old record was 66°F in 2013 and 2010. The daily temperature range on the 27th was 30°F, a new 6 year HIGH daily temperature range record for the date; the old record was 24°F in 2013.
28	The maximum temperature on the 28th was 90°F, and EQUALED the 6 year HIGH daily maximum temperature record for the date; the old record was set in 2012.
29	The minimum temperature on the 29th was 63°F, a new 6 year LOW daily minimum temperature record for the date; the old record was 66°F in 2012 and 2011.
30	
31	The minimum temperature on the 31st was 74 °F, a new 6 year HIGH daily minimum temperature record for the date; the old record was 72°F in 2012.