

PAGE #1 Jul 2011 West Henrico Co. - Glen Allen Weather Center Lat. 37.6554° N. Long. 77.5692° W. - Koontz																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Jul 2011	Week Day	TEMP. MAX.	TIME MAX.	TEMP. MIN.	TIME MIN.	TEMP. RANGE	TEMP. MEAN	MEAN CHANGE	SOIL TEMP.	SKY AM	SKY PM	PRECIP. MELTED	MAX.1HR PRECIP.	MAX.5M PRECIP.	FROZ. PRECIP.	SNOW ON GROUND	START TIME	END TIME
Jul-01	Fri	88	15:13	64	6:33	24	76.0	1.5	78	0	0							
Jul-02	Sat	91	15:50	64	6:02	27	77.5	1.5	78	0	0							
Jul-03	Sun	95	15:34	70	7:07	25	82.5	5.0	78	1	1	0.80					0520	0740
Jul-04	Mon	92	14:47	68	7:00	24	80.0	-2.5	79	2	2	0.45					0001	---
Jul-05	Tue	91	15:46	70	1:02	21	80.5	0.5	78	1	1							
Jul-06	Wed	83	10:18	70	22:52	13	76.5	-4.0	78	2	2	0.25	0.22	0.08			0950	1600
Jul-07	Thu	93	16:06	68	2:40	25	80.5	4.0		0	0							
Jul-08	Fri	87	15:19	72	22:55	15	79.5	-1.0		2	2	1.71	0.96	0.16			1610	1630
Jul-09	Sat	88	16:25	69	6:09	19	78.5	-1.0		0	0	0.01	0.01	T			0001	0140
Jul-10	Sun	90	14:26	66	6:05	24	78.0	-0.5		0	1							
Jul-11	Mon	93	15:56	71	6:13	22	82.0	4.0		0	0							
Jul-12	Tue	97	16:02	78	6:06	19	87.5	5.5		1	0							
Jul-13	Wed	94	12:14	72	23:33	22	83.0	-4.5		1	2	0.01	0.01	T			1845	1910
Jul-14	Thu	82	16:43	66	6:40	16	74.0	-9.0		0	1							
Jul-15	Fri	84	16:12	61	5:48	23	72.5	-1.5		2	1							
Jul-16	Sat	86	16:29	63	6:03	23	74.5	2.0		0	0							
Jul-17	Sun	88	15:28	71	5:35	17	79.5	5.0		2	1							
Jul-18	Mon	92	15:03	68	6:17	24	80.0	0.5		0	1							
Jul-19	Tue	94	16:16	75	6:18	19	84.5	4.5		2	1							
Jul-20	Wed	95	15:40	72	6:03	23	83.5	-1.0		0	1							
Jul-21	Thu	99	15:48	76	6:08	23	87.5	4.0		0	0							
Jul-22	Fri	102	15:38	79	6:06	23	90.5	3.0		0	0							
Jul-23	Sat	99	15:32	75	23:54	24	87.0	-3.5		0	2	0.31	0.23	0.10			1600	2030
Jul-24	Sun	94	13:21	74	5:12	20	84.0	-3.0		0	1							
Jul-25	Mon	94	15:36	74	6:04	20	84.0	0.0		0	2	0.10	0.10	0.05			1835	1940
Jul-26	Tue	94	16:06	73	5:37	21	83.5	-0.5	87	0	0							
Jul-27	Wed	92	13:52	73	6:05	19	82.5	-1.0	87	0	0							
Jul-28	Thu	97	16:37	73	6:03	24	85.0	2.5	87	0	1							
Jul-29	Fri	100	14:31	74	6:30	26	87.0	2.0	86	0	0							
Jul-30	Sat	94	15:15	76	5:49	18	85.0	-2.0	87	0	0	T	T	T			1930	2115
Jul-31	Sun	88	16:35	73	23:49	15	80.5	-4.5	87	2	1	0.05	0.05	0.01			1020	1140
TOTAL		2856	46878	2198	26378	658.0	2527.0	6.0	990.0	18.0	24.0	3.69	1.58	0.40	0.0	0.0	MAX.	TEMP
NUM		31	31	31	31	31	31	31	12	31	31	9	7	5	0	0	>=95	8
AVE.		92.13	15:18	70.90	8:39	21.23	81.52		82.50	0.58	0.77	0.41	0.23	0.08	0.00	0.00	>=90	22
MAX.		102	16:43	79	23:54	27	90.5	5.5	CLEAR	20	13	24 Hr.	0.96	0.16	0.0	0	>=85	28
MIN.		82	10:18	61	1:02	13	72.5	-9.0	P.CLO.	4	12	1.72	>= 1.00	>= 2.00	Inches	THUNDER	>=80	31
	>=90 °F	22	<=32 °F	0					CLO.	7	6	1.71	1	0	Days	6	>=75	31
DATE	7-22	DATE	7-15	DATE OF	7-22	DATE OF	7-15			DATE	7-08						>=70	31
MAX. TEMP.		MIN. TEMP.		HOTTEST DAY		COOLEST DAY				MAX. PREC.							>=65	31
																	>=60	31

Jul 2011	REMARKS FOR THE MONTH July - 2011
Jul-01 Jul-02 Jul-03 Jul-04 Jul-05	VERY CLEAR DAY AND LOW RELATIVE HUMIDITY AND PLEASANT TEMPS. IF IN THE SHADE CLEAR SUNNY DAY CLOUDY UNTIL 0945 THEN CLEAR TO 1530 AND PC AT 1545 WITH CLOUDS INCREASING TO SUNSET-LIGHTNING STRIKE TONIGHT AT 2240 TOOK OUT THE HEAT INDEX OF 103-HOT AND HUMID
Jul-06 Jul-07 Jul-08 Jul-09 Jul-10	RAIN TIMES ARE APPROX. DUE TO INSTRUMENTATION-VERY HUMID DAY AND A STRONG TS PASSED TO OUR SOUTH THAT HAD DAMAGING WINDS NOT AS HUMID BUT SUNNY STILL HOT DAY ONLY PLEASANT TEMPS. IN EARLY MORNING 1ST THUNDER AT 1636 AND MORE LATER-HEAVIEST RAIN SINCE OCT. 27, 2010 WHEN 2.06 INS. FELL WET AM FROM RAIN LAST NIGHT THUS DEW NOT REPORTED
Jul-11 Jul-12 Jul-13 Jul-14 Jul-15	RAIN BETWEEN 1800-1900 BEAUTIFUL COOL SUMMER DAY CLOUDY AM START BUT BECAME A BEAUTIFUL COOL SUMMER'S DAY
Jul-16 Jul-17 Jul-18 Jul-19 Jul-20	FEW FAIR WEATHER CUMULUS AGAINST A DEEP BLUE SKY WARM AFTERNOON BUT LOW REL. HUMIDITY MADE IT FEEL MORE PLEASANT-CLOUDY UNTIL 1100 CUMULUS CLOUDS FROM 1000-1600 AND CIRRUS FROM 1730 TO SUNSET HAZY HOT AND HUMID DAY WITH MAX. DEW POINT OF 77.4 DEGREES F HAZY HOT AND HUMID DAY WITH MAX. DEW POINT OF 77.3 DEGREES F
Jul-21 Jul-22 Jul-23 Jul-24 Jul-25	HOTTEST DAY SINCE 7/29/2010 WHEN IT WAS 100 DEGREES-MAX. DEW POINT TODAY OF 78.5 DEGREES AND HEAT INDEX OF 116 HOTTEST DAY SINCE 7/24/2010 WHEN IT WAS 103 DEGREES F.-MAX. DEW POINT 79.3 WITH HEAT INDEX MAX. OF 118 HOTTEST NIGHT AT THIS STATION ON RECORD OF 80.1 DEGREES F BUT REC. WAS LOST DUE TO PM THUNDERSTORM THAT COOLED TEMPS. INTO 70S TEMP. LOWER BUT DEW POINT HIGHER-MAX. DEW POINT 77.7 AT 1157 MADE IT FEEL VERY HOT CLEAR AM AND CLOUDS COMING IN ABOUT NOON-MAX. DEW POINT TODAY WAS 77.6 AT 1130
Jul-26 Jul-27 Jul-28 Jul-29 Jul-30	MUCH LOWER REL. HUMIDITY MADE IT FEEL A LITTLE COOLER ALTHOUGH MAX. WAS 94 DEGREES F AGAIN TODAY VERY SUNNY DAY BUT NOT SO HUMID PM WAS PARTLY CLOUDY WITH THIN CIRRUS CLOUDS ALTHOUGH SUNLIGHT PASSED THROUGH CIRRUS VERY HOT BUT LOW REL. HUMIDITY - MAX. DEW POINT OF 75.3 AND MAX. HEAT INDEX WAS 105-PC FROM 1300-1500 NEW ANEMOMETER INSTALLED TODAY AND WEATHER STATION IS NOW BACK IN FULL OPERATION
Jul-31	THUNDERSTORM PASSED JUST TO THE NORTH OF THIS STATION - CLEARING SKIES AROUND 1400 WITH A FEW PM CIRRUS
DATE	
Jul-03	FOLLOWING PARAMETERS OF MY WEB SITE - DAVIS SENSOR INTERFACE MODULE 6152 WHICH INCLUDED THE SUN, RAIN, WIND TEMP. AND REL. HUMIDITY. ALSO BURNED OUT THE WIRELESS LEAF AND SOIL MOISTURE/TEMP. STATION 6345. IT ALSO DESTROYED BOTH LEAF WETNESS SENSORS, THE WIND SPEED SENSOR, SOLAR RADIATION SENSOR, TEMP./REL. HUMIDITY SENSOR, INTERCOM SYSTEM, AND 2 THERMOMETERS THAT MONITORED SOIL TEMP. AND LEAF WETNESS SENSOR TEMPERATURE. GROUND TEMPERATURES IN COLUMN 10 WILL NOT BE CHECKED UNTIL A SECOND THERMOMETER IS INSTALLED NEXT MONTH READINGS SEEM A LITTLE HIGH NO WIND WAS HIGHER THIS MONTH THAN THE 35 MPH GUST IN THE STORM IN WHICH LIGHTNING DESTROYED THE ANEMOMETER ON THE 3RD. ALSO THE TIMES OF RAINFALL ARE NOT AS ACCURATE AS USUAL BECAUSE OF THE LACK OF INSTRUMENTS