		lum	2045		nrice Co	Clan A	llon Mooi	har Cant	or 27.65	527º N	77 560209							
PAGE #		Jun									77.56929°							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Jun	Week	MAY		RATURE	Time	DANCE		RATURE CHANGE	SOIL	-	KY PM		RECIPITATION 1 Hr. 5 Min.		FROZ. PRECIP. NEW GROUND		1st PERIOD START END	
2015		MAX.	Time	MIN.	Time	RANGE	MEAN	-		AM		Liquid		-	INEVV	GROUND	-	
Jun-01	-	90	16:02	69	22:09	21.1	79.1	-0.9	75	0	2	1.26	0.61	0.37	-		0555	0600
Jun-02		77 62	12:56 15:30	60 59	23:22	17.7 3.2	68.5 60.1	-10.6 -8.4	75 72	2	2	0.02	0.01 0.20	T	-		0520 0001	0525 0600
Jun-03		-		59	4:53	3.2 6.4		-8.4	69	2	2	0.51		0.04	-		0001	
Jun-04 Jun-05		64 69	15:21 15:26	50	4:25 5:35	9.8	60.9 64.3	3.4	69 67	2	2	0.43	0.10	0.02 T	-		0001	1250 0200
Jun-06		83	16:52	59 61	6:09	9.0 21.3	72.1	7.8	69	0	2	0.01 T	0.01 T	T			1325	1328
Jun-07		80	16.52	61	6:09	18.9	72.1	-1.5	71	0	2	1	I		-		1325	1320
	Sat Sun	80	16:19	62	4:20	24.7	70.0	3.9	71	1	0	1.15	0.91	0.22	-		2104	2350
Jun-09		85	14:51	68	3:15	17.5	74.5	2.0	71	1	0	0.11	0.91	0.22	-		0104	0230
) Tue	84	15:56	62	6:09	22.2	70.3	-3.6	73	0	0	0.11	0.10	0.05	-		0104	0230
	Wed	91	15:36	67	3:54	24.2	79.0	6.2	70	0	0							
	2 Thu	92	14:55	75	6:13	16.8	83.1	4.1	74	0	1	Т	Т	Т	1		1825	1830
Jun-12		92	14.55	73	5:12	20.4	82.8	-0.3	70	0	2		I		-		1020	1030
Jun-14		93	16:25	73	4:14	20.4	82.7	-0.3	78	0	1				1			
	5 Sun	94	15:20	72	6:34	21.0	83.9	1.2	78	1	1				-			
	6 Mon	96	15:44	74	6:07	21.6	84.9	1.0	80	0	1	0.08	0.08	0.04			1755	1815
	7 Tue	86	16:06	74	7:03	12	79.8	-5.1	80	2	2	0.00	0.00	0.04	-		1755	1013
	3 Wed	92	17:02	71	6:12	21	81.2	1.4	78	1	2	0.05	0.05	0.02	-		0153	0240
	Thu	91	12:12	71	5:36	19.8	80.9	-0.3	78	1	2	0.00 T	0.00 T	T	-		2240	2330
Jun-20		93	16:24	72	4:41	20.6	82.7	1.8	78	1	2	0.83	0.45	0.25			0005	0040
Jun-21		92	16:07	73	6:22	19.1	82.2	-0.5	79	0	1	0.33	0.26	0.05			0030	0440
Jun-22		92	13:43	71	5:56	20.8	81.1	-1.1	80	0	1	0.00	0.20	0.00			0000	0110
Jun-23		95	15:39	74	5:45	20.9	84.8	3.7	81	1	1	0.02	0.02	0.01			2248	2320
Jun-24		85	14:33	70	23:56	14.2	77.5	-7.3	81	2	1	Т	T	T	-		0010	0030
	5 Wed	89	15:49	70	0:01	19.2	79.8	2.3	79	1	2	1.19	1.10	0.30	-		0435	0444
	5 Thu	79	17:20	70	2:30	9.6	74.3	-5.5	79	2	2	0.01	0.01	Т			1055	1225
Jun-27		82	17:15	69	5:43	12.7	75.6	1.3	77	2	2	1.80	0.60	0.18	-		0315	0710
Jun-28	3 Sat	80	15:00	63	23:58	17.5	71.3	-4.3	78	0	2							
	Sun	84	16:03	57	5:33	26.9	70.5	-0.8	75	0	0							
Jun-30) Mon	88	15:38	70	5:56	18.6	79.0	8.6	77	0	1	0.55	0.55	0.30			2235	2340
																		<u>.</u>
TOTAL		2567		2025		541.3	2296.0	-0.9	2278	24	40	8.35	5.06	1.83	0.0	0.0	Col.	26-27
NUM		30	30	30	30	30	30	30	30	30	30	16	16	13	0	0	DAILY	AVE RH
AVE.		85.55	15:26	67.51	7:35	18.04	76.53		75.93	0.80	1.33	Ave. Tot.	Ave.Max	Ave.Max			75.3	Percent
Normal	s	86.7		65.6		21.01	76.33		74.93	0.90	1.00	3.39	0.96	0.33			69.7	Percent
Departu	ires	-1.10		1.87		-2.97	0.20		1.00	-0.10	0.34	4.96	0.14	0.04			5.6	Percent
MAX.	Dates	96		75		26.9	84.9	8.6	81.0	Who	le Day	1.80	1.10	0.37			Precip	24 Hr.
DATES	1	Jun-16		Jun-12		Jun-29	Jun-16	Jun-30	Jun-23	AVE.	1.07	Jun-27	Jun-25	Jun-01			Amount	1.27
	2								Jun-24	Normal	0.94						Date	Jun-1
	3									Depart.	0.13						Date	Jun-2
MIN.	Dates	62		57		3.2	60.1	-10.6	67.0	SKY	AM	PM	>= 0.10	INCHES	>= 1.00	INCHES	>= 2.00	INCHES
DATES	1	Jun-03		Jun-29		Jun-03	Jun-03	Jun-02	Jun-05	CLEAR	14	5	10	DAYS	4	DAYS	0	DAYS
	2									P.CLO.	8	10	HOTTEST	84.9	Highest	Lowest	COOLEST	60.1
	3									CLO.	8	15	DAY	6-16	Mean	Mean	DAY	6-03
	<=32 °F	0	<=32 °F	0	MAX.	>=95	>=90	>=85	>=80	>=75	>=70	>=65	>=60	>=55	>=50	>=45	>=40	>=35
	>=90°F	12	>=70 °F	14		2	12	18	25	27	27	28	30	30	30	30	30	30

PAGE #2	Jun	2015	West He	nrico Co.	- Glen A	llen Weat	ther Cent	ter 37.6	5537° N. 🛛	77.56929	° W Ko	ontz						
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Jun		ERIOD		WIND		REL. HU		В	AROMETRI		RE							
2015	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG	Thunder	DEW	FROST
Jun-01	1357	1400	67.6	34	16:52	96	50	30.06	29.92	29.99	-0.15					3, 2	Р	
Jun-02	1442	1445	65.9	18	15:31	97	76	30.10	29.97	30.04	0.04						Р	
Jun-03	0715	1050	75.6	13	6:10	100	93	30.17	30.08	30.13	0.09				1		Р	
Jun-04	0140	0605	86.7	15	22:05	100	95	30.16	30.12	30.14	0.02				2		Р	
Jun-05			46.1	13	8:54	100	81	30.13	29.95	30.04	-0.10						Р	
Jun-06	1915	1925	60.2	18	18:45	98	53	30.08	29.91	30.00	-0.05						4	
Jun-07			49.5	15	19:48	98	47	30.17	30.08	30.13	0.13						4	
Jun-08			145.8	27	16:54	97	55	30.13	29.82	29.98	-0.15					1	N	
Jun-09	0525	0555	87.8	19	8:54	97	49	29.88	29.77	29.83	-0.15						Р	
Jun-10			13.7	13	15:58	97	46	29.97	29.85	29.91	0.09						4	
Jun-11			48.9	18	16:09	95	50	30.01	29.92	29.97	0.06						3	
Jun-12			99.7	21	13:04	87	51	30.02	29.92	29.97	0.00						2	
Jun-13			26.1	14	15:50	95	47	30.04	29.94	29.99	0.02						3	
Jun-14			25.3	11	11:58	95	45	30.09	30.00	30.05	0.05						2	
Jun-15			39.3	15	15:36	92	48	30.05	29.94	30.00	-0.05						2	
Jun-16			37.5	18	14:28	89	45	30.03	29.91	29.97	-0.03						2	
Jun-17			41.4	11	8:34	87	57	30.13	30.03	30.08	0.11						Р	
Jun-18			64.7	21	20:01	96	55	30.09	29.92	30.01	-0.07					1	Р	
Jun-19			38.7	15	1:08	89	46	30.04	29.96	30.00	-0.01						2	
Jun-20	2000	2230	61.6	33	20:19	94	54	30.03	29.79	29.91	-0.09					3	Р	
Jun-21			100.5	26	1:47	96	54	29.93	29.75	29.84	-0.07						Р	
Jun-22			20.1	14	14:05	93	46	30.08	29.93	30.01	0.16						3	
Jun-23			83.1	26	23:24	89	46	30.01	29.85	29.93	-0.07					1	2	
Jun-24			62.5	24	0:06	93	52	30.10	29.94	30.02	0.09						Р	
Jun-25	1824	1950	32.7	22	21:58	96	47	30.12	29.88	30.00	-0.02					5	2	
Jun-26	1350	1410	25.8	12	11:39	97	68	30.03	29.90	29.97	-0.04						Р	
Jun-27	1230	1255	46.9	16	15:44	100	77	30.02	29.70	29.86	-0.11					1	Р	
Jun-28			44.2	18	11:57	96	48	29.93	29.67	29.80	-0.06						Р	
Jun-29			29.7	16	13:58	98	33	30.03	29.91	29.97	0.17						5	
Jun-30			74.5	35	22:46	94	50	29.95	29.82	29.89	-0.09					4	3	
	_		1700.4										_	_				
TOTAL		nn 23	1702.1	571		2851	1664	901.58	897.15	899.37	-0.26	0	0	0	2	7	15	0
Number		nd Run	30	30	30	30	30	30	30	30	30					~		
AVE.	Total	1702.1	56.74	19.03	14:08	95.0	55.5	30.05	29.91	29.98						L L		
Normals	Miles	1284.8	42.8	42.8		92.9	46.3	30.01	29.87	29.94		ZE	L.	Ş		Q	_	ST
Departures	Miles	417.3	13.9	-23.8		2.1	9.2	0.05	0.03	0.04		GLAZE	SLEET	NONS	FOG	THUNDER	DEW	FROST
MAXIMUM		Dates	145.8	35	SSW	100	95	30.17	30.12	30.14	0.17			S	Ĕ	Ē	ā	Ξ.
DATES		1	Jun-08	Jun-30	22:46	Jun-03	Jun-04	Jun-03	Jun-04	Jun-04		5. Very He	-					
		2				Jun-04		Jun-07				4. Heavy-U						
		3				Jun-05						3. Modera						
		4				Jun-27						2. Light - <						
MINIMUM		Dates	13.7	11		87	33	29.88	29.67	29.80		1. Very Lig	•					
DATES		1	Jun-10	Jun-14		Jun-12	Jun-29	Jun-09	Jun-28	Jun-28		M - Event						
		2		Jun-17		Jun-17						P - Rain hi		ew Observ	vation			
MINIMUM		<=75	<=70	<=65	<=60	<=55	<=50	<=45	<=40	<=35		N-	NONE					
		30	16	10	5	0	0	0	0	0	0							

PAGE #3	West Henrico Co Glen Allen Weather Center 37.65537° N. 77.56929° W Koontz
39	40
Jun	REMARKS FOR THE MONTH
2015	June - 2015
Jun-01	4 THUNDERS BETWEEN 1339-1354-3RD PD. OF RAIN 1640-1755 & 4TH PD. 1950-2355-2 THUNDERSTORMS TODAY
Jun-02	3RD PD. OF DRIZZLE 1800-1910-CLOUDY AND A BACK DOOR COLD FRONT PASSED AROUND 1330-4TH PD. OF PRECIP. 2315-2400
Jun-03	DRIZZLE FROM 2100 TO MIDNIGHT -3RD PD. OF PRECIP. 1150-1520, 4TH PD. 2115-2400 & SOME DRIZZLE BETWEEN THE FORMER RECORDED PERIODS
Jun-04	DRIZZLE FROM MIDNIGHT TO 0530 -CLOUDY ALL DAY
Jun-05	CLOUDY AGAIN TODAY
Jun-06	CLEAR AM AND ONLY A FEW PM SPRINKLES HERE BUT RAINFALL IN SE VA
Jun-07	CLOUDS CAME IN AROUND 1230-VERY PLEASANT DAY FOR TIME OF YEAR
Jun-08	PC IN AM AND CLEAR PM - EST. CLOUD COVER IN PM WAS 20-25% - MAX. AM REL. HUMIDITY WAS 78%
Jun-09	PM HAD A THIN CIRRUS OVERCAST BUT SKY WAS VERY BRIGHT WITH MUCH SUNLIGHT
Jun-10	SMOKE FROM CANADA CAUGHT UP IN JET STREAM LEVEL FILTERED SUNLIGHT ON WHAT WOULD HAVE BEEN A CLEAR DAY
Jun-11	STILL A HAZE FROM THE SMOKE BUT MUCH THINNER FROM CANADA BUT OTHERWISE A CLEAR AM AND PM HAD A FEW CUMULUS - EST. CLOUDS IN PM WAS 20%
Jun-12	SKY BLUE AGAIN THIS AM WITH ONLY A FEW CLOUDS - PM HAD SCATTERED CUMULUS-VENUS AND JUPITER PROMINENT IN WEST AT 2130
Jun-13	HOTTEST SINCE SEPT. 2, 2014 WHEN IT WAS 98°F
Jun-14	CUMULUS CLOUDS CAME IN AT AROUND NOON-THUNDERSTORMS OVER PIEDMONT AREA OF VA BUT NONE HERE
Jun-15	CIRRUS CLOUDS EARLY UNTIL 1300 THEN MORE CUMULUS DURING END OF DAY
Jun-16	CLOUDS CAME IN AT 1230 AND PARTLY CLOUDY TO CLOUDY FROM 1655-1755
Jun-17	PICKED FIRST TOMATOES TODAY-CLOUDY MOST OF DAY BUT HUMIDITY HIGH & DEW POINT REACHED 72.8°F AT 1602
Jun-18	MOSTLY AM CIRRUS CLOUDS BUT THICKER CLOUDS CAME IN BY NOON THEN ALTOSTRATUS AND CUMULUS AGAIN AFTER 1515 MIXED WITH CIRRUS
Jun-19	PM CLOUDS KEPT MAX. TEMP. A LITTLE LOWER THAN EXPECTED
Jun-20	CLEARING SOME AFTER 0730 AND PM MOSTLY CLOUDY EST. 70-80% WITH A SPRINKLE BET. 0005-0040
Jun-21	CIRRUS CLOUDS CAME IN AROUND 1300 AND PM WAS PARTLY CLOUDY
Jun-22	VERY CLEAR UNTIL NOON THEN SOME CUMULUS
Jun-23	VERY THIN LAYER OF CIRRUS OVER ENTIRE SKY MOST OF DAY AND SOME CUMULUS AFTER 1500 BUT MUCH SOLAR ENERGY THROUGH CIRRUS
Jun-24	CLEARING STARTED AT 1130
Jun-25	3RD PD. THUNDERSTORM 2119-2245 - CLOUDS CLEARED AT 0950 THEN VERY THIN CIRRUS AND CUMULUS AFTER 1300 - THUNDERSTORM THAT STARTED AT 2119 WAS THE WORST ELECTRICAL STORM SINCE
Jun-26	ONLY A LITTLE SUN AFTER 1700-CLOUDY ALL DAY WITH 2 PDS. OF SPRINLKLES
Jun-27	3RD PD. OF PRECIP. 1430-1650, 4TH PD. 2035-2300-THUNDER HEARD AT 0400
Jun-28	BEAUTIFUL SUNNY AM UNTIL 1145 AND FOLLOWED BY CLOUDY PM WITH STRATOCUMULUS CLOUDS-MUCH COOLER-LOW DEW POINT OF 58°F AT 1126
Jun-29	ONLY A FEW CLOUDS FROM 1430-1600
Jun-30	12.7°F DEGREE TEMP, INCREASE IN THE 0700 MORNING OBSERVATION AND HUMIDITY HAS COME BACK INTO THE 70S - STRONG TS JUST BEFORE MIDNIGHT
DATE	EXTENSION OF LENGTHY DAILY REMARKS
Jun-25	JUNE 3. 2009. IT WAS THE FIRST TS RATED 5 SINCE JUNE 25. 2012 BUT THAT WAS RATED 5 FOR WIND DAMAGE NOT ELECTRICAL. THE STORM DAMAGE DONE TO WEATHER EQUIPMENT ON JULY 3. 2011
	CAUSED BY A CLOSE LIGHTNING STRIKE NOT THAT THE STORM WAS SO ELECTRICALLY SEVERE. ALSO NOTE THAT THUNDERSTORM RATINGS OF 1-5 IN SEVERITY WAS STARTED AT FIRST OF YEAR 2012

	The Glen Allen Station Had 35 Records or Record Ties in JUNE 2015
Days	
1	The daily precipitation on the 1st was 1.26 inches a new 6 year HIGH daily precipitation record for the date - the old record was 0.29 inches in 2010.
2	The daily temperature range on the 2nd was 17.7°F, a new 6 year LOW daily temperature range record for the date - the old record was 18°F in 2013.
3	The maximum temperature on the 3rd was 61.7°F, a new 6 year cool daily maximum temperature record for the date - the old record was 79°F in 2012 and 2011.
	The daily temperature range on the 3rd was 3.2°F, a new 6 year LOW daily temperature range record for the date - the old record was 16°F in 2013.
4	The maximum temperature on the 4th was 64.1°F, a new 6 year cool daily maximum temperature record for the date - the old record was 68°F in 2009.
	The daily precipitation on the 4th was 0.43 inches a new 6 year HIGH daily precipitation record for the date - the old record was 0.13 inches in 2009.
5	
6	
7	
8	The daily precipitation on the 8th was 1.15 inches a new 6 year HIGH daily precipitation record for the date - the old record was 0.23 inches in 2013.
9	
	The minimum temperature on the 10th was 61.7°F a new 6 year LOW daily minimum temperature record for the date - the old record was 62°F in 2012.
	The daily temperature range on the 11th was 24.2°F a new 6 year HIGH daily temperature range record for the date - the old record was 24°F in 2014 and 2010.
12	The minimum temperature on the 12th was 74.7°F, a new 6 year warm daily minimum temperature record for the date - the old record was 69°F in 2012 and 2010.
	The minimum temperature on the 13th was 72.6°F, a new 6 year warm daily minimum temperature record for the date - the old record was 72°F in 2010.
	The minimum temperature on the 14th was 71.9°F, a new 6 year warm daily minimum temperature record for the date - the old record was 71°F in 2010.
	The maximum temperature on the 14th was 93.5°F, a new 6 year daily HIGH maximum temperature record for the date - the old record was 93°F in 2010.
	The minimum temperature on the 15th was 73.4°F, a new 6 year warm daily minimum temperature record for the date - the old record was 72°F in 2010.
	The maximum temperature on the 15th was 94.4°F, a new 6 year daily HIGH maximum temperature record for the date - the old record was 87°F in 2010. The minimum temperature on the 16th was 74.1°F, a new 6 year warm daily minimum temperature record for the date - the old record was 71°F in 2010.
16	
17	The maximum temperature on the 16th was 95.7°F, a new 6 year daily HIGH maximum temperature record for the date - the old record was 93°F in 2014. The minimum temperature on the 17th was 73.8°F, a new 6 year warm daily minimum temperature record for the date - the old record was 70°F in 2014 and 2010.
17	The minimum temperature on the 17th was 75.6 F, a new 6 year warm daily minimum temperature record for the date - the old record was 70 F in 2014 and 2010.
10	
	The daily precipitation on the 20th was 0.83 inches a new 6 year HIGH daily precipitation record for the date - the old record was 0.63 inches in 2011.
	The daily precipitation on the 25th was 0.33 inches a new 6 year HIGH daily precipitation record for the date - the old record was 0.05 inches in 2011.
21	The minimum temperature on the 21st was 72.6°F, a new 6 year warm daily minimum temperature record for the date - the old record was 0.01 minies in 2011.
22	The minimum temperature of the 21st was 72.51, a new oyear warm dairy minimum temperature record for the date - the old record was 72.1 m 2012 and 2010.
23	
	The maximum temperature on the 24th was 84.6°F, a new 6 year cool daily maximum temperature record for the date - the old record was 86°F in 2009.
	The daily temperature range on the 24th was 14.2°F, a new 6 year LOW daily temperature range record for the date - the old record was 18°F in 2013 and 2011.1
	The daily precipitation on the 24th was T inches and EQUALED the 6 year HIGH daily precipitation record for the date - the old record was set in 2010.
25	The daily precipitation on the 25th was 1.19 inches a new 6 year HIGH daily precipitation record for the date - the old record was 1.11 inches in 2012.
	The daily temperature range on the 26th was 9.6°F, a new 6 year LOW daily temperature range record for the date - the old record was 20°F in 2014.
	The maximum temperature on the 26th was 79.1°F, a new 6 year cool daily maximum temperature record for the date - the old record was 80°F in 2012.
27	The daily precipitation on the 27th was 1.80 inches a new 6 year HIGH daily precipitation record for the date - the old record was 0.08 inches in 2011.
	The maximum temperature on the 27th was 81.9°F, a new 6 year cool daily maximum temperature record for the date - the old record was 86°F in 2013 and 2011.
	The daily temperature range on the 27th was 12.7°F, a new 6 year LOW daily temperature range record for the date - the old record was 18°F in 2013 and 2009.
28	The maximum temperature on the 28th was 80°F, a new 6 year cool daily maximum temperature record for the date - the old record was 85°F in 2009.
	The daily temperature range on the 28th was 17.5°F, a new 6 year LOW daily temperature range record for the date - the old record was 19°F in 2013.
29	The maximum temperature on the 29th was 83.9°F, a new 6 year cool daily maximum temperature record for the date - the old record was 86°F in 2014.
	The minimum temperature on the 29th was 57°F a new 6 year LOW daily minimum temperature record for the date - the old record was 59°F in 2014.
30	The daily precipitation on the 30th was 0.55 inches a new 6 year HIGH daily precipitation record for the date - the old record was 0.15 inches in 2013.