

May 2009	REMARKS FOR THE MONTH May - 2009
May-01	CLOUDY AND WINDY AND COOL EARLY BUT MORE HUMID LATER IN AFTERNOON WITH MAX. DEW POINT OF 66 °F-3RD PD. OF PRECIP. 1455-1500
May-02	THUNDER HEARD AT 1450-SMALL THUNDERSTORM WITH LITTLE LIGHTNING
May-03	CLOUDY COOL AND DAMP DAY WITH A STATIONARY FRONT LOCATED NEAR NC/VA BORDER-3RD PD. OF PRECIP. 0920-0940, 4TH PD. PRECIP. 1050-1300, 5TH PD. 1815-2
May-04	VISIBILITY ABOUT 0.5 MILES WITH A MODERATE FOG AND A LITTLE SUN FROM 1230-1450-3RD PD. OF PRECIP. 1500-1530, 4TH PD. PRECIP. 2210-2400
May-05	
May-06	VERY LIGHT FOG-THUNDER STARTED AT 2333 3RD PD. OF RAIN 2040-2400
May-07	THUNDER DURING EARLY AM
May-08	CIRRUS CAME IN AROUND 0900 UNTIL 1320 THAN ALTOCUMULUS AND CIRRUS AGAIN AFTER 1445 AND CUMULUS AND ALTOCUMULUS AFTER 1600
May-09	FIRST REAL HUMID DAY-THE MAX. DEW POINT WAS 72 °F
May-10	A LOT OF LATE AFTERNOON CIRRUS CLOUDS BUT A CLEAR AM AND MUCH LOWER DEW POINT TEMPS. TODAY
May-11	IT STARTED TO CLEAR OFF AT 1730 AND WAS MOSTLY CLEAR BY 1830
May-12	SOME CUMULUS CLOUDS FROM 1145-1450 BUT NOT ENOUGH TO CALL PARTLY CLOUDY
May-13	
May-14	3RD PD. OF PRECIP. 2020-2040
May-15	LITTLE ON THE HUMID SIDE TODAY WITH A MAX. DEW POINT OF 68.5 °F
May-16	THE PM WAS ABOUT 65% CLOUDY
May-17	3RD PD. OF RAIN 1615-1720 BUT VERY LIGHT RAIN MOST OF DAY
May-18	CIRRUS IN AM SKY UNTIL 1115 BUT SUNLIGHT THROUGH CIRRUS AND PM CLEAR UNTIL 1445 THEN CIRRUS AGAIN WITH COOL AND BREEZY CONDITIONS
May-19	VERY HEAVY DEW AND 34 °F IN CHARLOTTESVILLE THIS MORNING AND 41 °F AT KRIC-THE LOWEST FOR DATE SINCE 1935
May-20	KRIC HAD A 42 °F MIN. WHICH WAS ONLY ONE DEGREE FROM REC. LOW TEMP. FOR DATE IN 113 YEARS
May-21	36 DEGREE TEMP. RANGE TODAY-DEEP BLUE SKY AND VERY LOW REL. HUMIDITY
May-22	CIRRUS IN SKY MOST OF DAY BUT SUNLIGHT THROUGH THE CLOUDS
May-23	PT CLO WITH CIRRUS UNTIL 1045 THEN CUMULUS & PM WAS A MIX OF CIRRUS, CUMULUS & ALTOCUMULUS & BECAME MOSTLY CLOUDY BUT SOME SUNLIGHT THROUGH CLOS
May-24	CLOUDY ALL DAY WITH ON AND OFF SPRINKLES BETWEEN 0845-1420-3RD PD. OF RAIN 1230-1240, 4TH PD. 1335-1420
May-25	MOSTLY CLOUDY ALL DAY BUT SOME SUN THROUGH THIN SKY COVERAGE AND A SPRINKLE OCCURRED BETWEEN 0255-0300
May-26	MOSTLY CLOUDY ALL DAY AND A SHOWER PASSED TO NE IN THE AFTERNOON WITH ONLY A TRACE OF RAIN-3RD PD. OF PRECIP. 2330-2400
May-27	LIGHT AM FOG WHICH WAS HEAVIEST ABOUT 0645-SKY STARTED TO CLEAR AROUND 1400 AND WAS MOSTLY CLEAR BY 1645
May-28	AM ABOUT 60% CLOUDY-NOT MUCH LIGHTNING WITH AFTERNOON THUNDERSTORM
May-29	MODERATE DEW DETECTED ON CAR WINDOWS AND SKY MIRROR-THUNDER OCCURRED AT 1655 AND PM WAS ABOUT 60% CLOUDY
May-30	DEW POINT ABOUT 7 °F LOWER TODAY THAN YESTERDAY WITH VERY CLEAR MORNING SKY BUT CUMULUS CAME IN AROUND 1330
May-31	THUNDER HEARD TWICE BETWEEN 0605 AND 0630 BUT THE SKY WAS CLEAR BY 1045 TO 1100
DATE	EXTENSION OF LENGTHY DAILY REMARKS

PAGE #1 **May 2010 West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz**


1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
May	Week	TEMP.	TIME	TEMP.	TIME	TEMP.	TEMP.	MEAN	SOIL	SKY	SKY	PRECIP	MAX.1HR	MAX.15M	FROZ.	SNOW ON	START	END
2010	Day	MAX.	MAX.	MIN.	MIN.	RANGE	MEAN	CHANGE	TEMP.	AM	PM	MELTED	PRECIP.	PRECIP.	PRECIP.	GROUND	TIME	TIME
May-01	Sat	87	14:15	63	6:26	24	75.0	6.0	62	0	1							
May-02	Sun	88	16:55	74	4:48	14	81.0	6.0	64	2	2	T	T	T			0335	0337
May-03	Mon	80	0:01	72	23:58	8	76.0	-5.0	66	2	2	T	T	T			0635	0638
May-04	Tue	85	15:20	66	23:59	19	75.5	-0.5	66	2	0							
May-05	Wed	87	15:35	57	6:09	30	72.0	-3.5	66	0	0							
May-06	Thu	90	15:17	65	23:41	25	77.5	5.5	67	0	1							
May-07	Fri	82	16:24	52	6:43	30	67.0	-10.5	67	0	1							
May-08	Sat	85	12:13	57	23:56	28	71.0	4.0	67	1	0							
May-09	Sun	68	16:13	47	5:35	21	57.5	-13.5	67	0	0							
May-10	Mon	67	16:17	39	6:33	28	53.0	-4.5	65	0	1							
May-11	Tue	61	11:51	43	5:50	18	52.0	-1.0	64	2	2	0.02	0.02	0.01			1150	1655
May-12	Wed	84	13:58	57	1:50	27	70.5	18.5	63	1	2	0.39	0.24	0.10			0122	0125
May-13	Thu	66	15:03	55	6:32	11	60.5	-10.0	66	2	2	T	T	T				
May-14	Fri	88	15:34	59	0:53	29	73.5	13.0	65	2	1	0.10	0.09	0.07			2120	2235
May-15	Sat	84	16:21	65	6:13	19	74.5	1.0	67	0	0							
May-16	Sun	79	14:10	62	5:16	17	70.5	-4.0	64	1	2	0.11	0.07	0.03			0252	0400
May-17	Mon	62	0:01	53	23:28	9	57.5	-13.0	69	2	2	0.72	0.12	0.03			0001	0025
May-18	Tue	60	14:13	52	6:51	8	56.0	-1.5	65	2	2	0.21	0.16	0.03			0001	0645
May-19	Wed	72	14:39	54	5:41	18	63.0	7.0	64	2	2							
May-20	Thu	81	15:59	54	6:18	27	67.5	4.5	66	0	0							
May-21	Fri	84	15:31	53	6:14	31	68.5	1.0	67	0	2							
May-22	Sat	78	13:47	64	5:36	14	71.0	2.5	68	2	2	0.34	0.22	0.04			0840	0850
May-23	Sun	80	13:47	66	3:07	14	73.0	2.0	68	2	2	T	T	T			0520	0530
May-24	Mon	77	16:12	64	2:30	13	70.5	-2.5	69	2	2	0.05	0.05	0.02			2140	2225
May-25	Tue	78	15:54	63	23:44	15	70.5	0.0	69	2	2	T	T	T				
May-26	Wed	86	16:05	57	5:46	29	71.5	1.0	68	1	1							
May-27	Thu	91	15:58	66	6:02	25	78.5	7.0	70	1	0	T	T	T			2315	2330
May-28	Fri	80	13:20	63	5:59	17	71.5	-7.0	72	1	2	0.53	0.43	0.05			0115	0420
May-29	Sat	82	16:31	64	6:12	18	73.0	1.5	72	1	1							
May-30	Sun	89	13:10	69	5:55	20	79.0	6.0	72	1	1	0.09	0.09	0.07			1454	1510
May-31	Mon	89	14:39	70	6:14	19	79.5	0.5	73	0	1	T	T	T			0007	0012
TOTAL		2470	42953	1845	27079	625.0	2157.5	10.5	2078.0	34.0	39.0	2.56	1.49	0.45	0.0	0.0	MAX.	TEMP
NUM		31	31	31	31	31	31	31	31	31	31	10	10	10	0	0	≥ 95	0
AVE.		79.68	14:02	59.52	8:58	20.16	69.60		67.03	1.10	1.26	0.26	0.15	0.05	0.00	0.00	≥ 85	11
MAX.		91	16:55	74	23:59	31	81.0	18.5	CLEAR	10	7	24 Hr.	0.43	0.10	0.0	0	≥ 80	20
MIN.		60	0:01	39	0:53	8	52.0	-13.5	P.CLO.	8	9	0.77	≥ 1.00	≥ 2.00	Inches	THUNDER	≥ 75	24
		≥90 °F	2	≤32 °F	0				CLO.	13	15	0.72	0	0	Days	5	≥ 70	25
DATE		5-27	DATE	5-10	DATE OF	5-02	DATE OF	5-11	SkyAve	1.18	DATE	5-17					≥ 65	28
MAX.			MIN.		HOTTEST		COOLEST				MAX.						≥ 60	31
TEMP.			TEMP.		DAY		DAY				PREC.						≥ 55	0

May 2010	REMARKS FOR THE MONTH May - 2010
May-01	FEW AM CIRRUS BUT MANY PM CIRRUS
May-02	74 °F MIN. - WARMEST NIGHT SINCE AUG. 21, 2009 WHEN MIN. TEMP. WAS 77 °F-CLOUDY MOST OF DAY
May-03	NO MEASURABLE RAINFALL, FORECAST WAS FOR 0.25 INS.
May-04	CLEARING STARTED AROUND 1345 AND MOSTLY CLEAR FROM 1415-1700 AND ALSO 1845 TO SUNSET
May-05	BEAUTIFUL SPRING MORNING BUT A LITTLE WARM IN AFTERNOON
May-06	CUMULUS CLOUDS CAME IN AT 1330 AND WAS PARTLY CLOUDY UNTIL 1730 THEN CLEAR AGAIN UNTIL SUNSET
May-07	CIRRUS IN PM MADE IT PARTLY CLOUDY ABOUT 60% BUT MUCH SUNLIGHT THROUGH THIN CLOUDS
May-08	CLEARED OFF AT 0915 AND THEN SCATTERED CUMULUS FROM 1030-1150 FOLLOWED BY CLEAR REST OF DAY AND WAS ALSO WINDY MOST OF DAY
May-09	ONLY A FEW CUMULUS BETWEEN 1015-1545-MOSTLY CLEAR REST OF DAY
May-10	VERY DRY-14TH DAY WITH NO MEASURABLE RAIN-CLOUDS STARTED COMING IN AS CIRRUS AROUND 1445
May-11	COOLEST DAY SINCE APRIL 21, 2010 WHEN IT WAS 59 °F FOR THE MAX. TEMP. -1ST MEASURABLE RAINFALL IN 14 DAYS
May-12	3RD PD. OF RAIN OCCURRED FROM 2003-2315
May-13	CLOUDY AND COOL ALL DAY-11 DEGREES BELOW AVERAGE FOR MAX. TEMP. AT RICHMOND INTERNATIONAL AIRPORT
May-14	SPRINKLES IN EARLY MORNING BEFORE 0600 THEN SKY CLEARED AROUND 1100
May-15	A FEW CUMULUS FROM 1215-1430
May-16	CLEARING STARTED AT 0900-SUN THROUGH CIRRUS FROM 1145-1400 THEN CUMULUS AND TOTAL CLOUD COVER AFTER 1800
May-17	ALL DAY RAIN AND DRIZZLE-CLOUDY, DAMP AND VERY COOL SPRING DAY
May-18	
May-19	SOME BREAKS IN CLOUDS BUT MOSTLY CLOUDY ALL DAY
May-20	ONLY A FEW CUMULUS FROM 1530-1800
May-21	THIN CIRRUS BY 1100 AND ALTOCUMULUS BY 1650 THEN SUN THROUGH BROKEN CLOUDS UNTIL ABOUT 1830
May-22	MOSTLY CLOUDY ALL DAY WITH ONLY A FEW BREAKS IN CLOUDS-3RD PD. OF RAIN 1920-2345
May-23	CLOUDY ALL DAY WITH BREAKS OF SUN BUT ALSO SPRINKLES AND SOME AREAS GOT THUNDERSTORMS AND HEAVY RAIN BUT OF SHORT DURATION
May-24	PARTLY CLOUDY FOR ONLY ABOUT 2 HRS. IN LATE AFTERNOON BUT VERY CLOUDY MORNING
May-25	PM ABOUT 75% CLOUDY-SOME AM MIST AND LIGHT DRIZZLE BUT DRIZZLE WAS HARDLY DISCERNIBLE-CLOUDY TO 1330, BROKEN CLOUDS UNTIL 1450 AND
May-26	CIRRUS CLOUDS GAVE AM CLOUDINESS-PM SKY HAD CIRRUS THEN ALTOCUMULUS FOLLOWED BY CUMULUS -MUCH HOTTER TODAY
May-27	74 °F DEW POINT TODAY THE HIGHEST FOR 2010-SCATTERED THUNDERSTORMS OVER PARTS OF VA
May-28	ABOUT 2 HRS. OF THUNDER AND LIGHTNING LAST NIGHT-MOST OF THE ACTION WAS TO OUR NE-3RD PD. OF RAIN 2220-2232
May-29	SCATTERED CUMULUS MOST OF DAY BUT SKIES CLEARED AFTER 1900
May-30	MOSTLY CLEAR UNTIL 1145 THEN CUMULUS-AN UNEXPECTED QUICK HEAVY SHOWER BETWEEN 1454-1510
May-31	CLEAR UNTIL 1130 WITH SCATTERED CUMULUS IN AFTERNOON UNTIL 1945
DATE	EXTENSION OF LENGTHY DAILY REMARKS
May-25	PC BETWEEN 1500-1800 THEN BROKEN CLOUDS AGAIN

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
May	Week	TEMP.	TIME	TEMP.	TIME	TEMP.	TEMP.	MEAN	SOIL	SKY	SKY	PRECIP	MAX.1HR	MAX.15M	FROZ.	SNOW ON	START	END
2011	Day	MAX.	MAX.	MIN.	MIN.	RANGE	MEAN	CHANGE	TEMP.	AM	PM	MELTED	PRECIP.	PRECIP.	PRECIP.	GROUND	TIME	TIME
May-01	Sun	67	16:29	48	6:33	19	57.5	1.0	63	1	2	T	T	T			1430	1435
May-02	Mon	82	15:17	56	3:33	26	69.0	11.5	62	1	0							
May-03	Tue	84	14:53	63	6:30	21	73.5	4.5	63	1	1	T	T	T			2245	2255
May-04	Wed	67	0:01	46	23:59	21	56.5	-17.0	64	2	1	1.29	0.35	0.09			0120	1045
May-05	Thu	69	15:41	39	6:12	30	54.0	-2.5	62	0	0							
May-06	Fri	71	16:21	43	4:42	28	57.0	3.0	62	0	1	0.01	0.01	T			1705	1810
May-07	Sat	75	15:11	46	6:31	29	60.5	3.5	62	0	1	0.15	0.12	0.08			1935	2015
May-08	Sun	73	16:20	55	23:47	18	64.0	3.5	63	2	1	0.06	0.03	0.02			0001	0225
May-09	Mon	76	16:10	50	6:33	26	63.0	-1.0	63	0	0							
May-10	Tue	76	15:18	49	5:26	27	62.5	-0.5	63	0	1							
May-11	Wed	77	16:40	54	4:47	23	65.5	3.0	64	2	0							
May-12	Thu	73	16:16	54	3:28	19	63.5	-2.0	65	2	2							
May-13	Fri	66	12:35	62	23:59	4	64.0	0.5	64	2	2	0.23	0.13	0.05			0415	0505
May-14	Sat	74	16:57	60	4:32	14	67.0	3.0	64	2	2	1.10	0.71	0.25			0050	0345
May-15	Sun	77	16:01	62	2:06	15	69.5	2.5	65	2	2	0.14	0.11	0.04			0500	0505
May-16	Mon	79	15:42	60	2:30	19	69.5	0.0	65	2	2	0.35	0.35	0.16			1625	1730
May-17	Tue	72	16:39	61	8:56	11	66.5	-3.0	66	2	2	1.58	0.71	0.25			0450	0555
May-18	Wed	77	15:49	58	23:56	19	67.5	1.0	67	1	1	T	T	T			0455	0505
May-19	Thu	75	15:37	55	5:27	20	65.0	-2.5	67	2	1	T	T	T			0555	0600
May-20	Fri	76	14:04	54	6:13	22	65.0	0.0	67	2	2	0.01	0.01	T			1445	1500
May-21	Sat	82	16:22	56	5:48	26	69.0	4.0	67	0	1							
May-22	Sun	84	15:25	59	6:22	25	71.5	2.5	68	1	1							
May-23	Mon	85	15:21	67	4:16	18	76.0	4.5	69	1	2	0.05	0.04	0.04			1245	0130
May-24	Tue	89	13:13	71	3:23	18	80.0	4.0	70	0	1	T	T	T			1450	1505
May-25	Wed	89	15:23	63	6:08	26	76.0	-4.0	71	0	0							
May-26	Thu	91	14:54	73	4:41	18	82.0	6.0	72	0	0							
May-27	Fri	85	14:39	65	22:57	20	75.0	-7.0	72	1	2	0.19	0.19	0.04			1650	1750
May-28	Sat	84	15:07	63	6:08	21	73.5	-1.5	72	1	2	T	T	T			1205	1210
May-29	Sun	85	16:06	69	3:59	16	77.0	3.5	72	2	1	T	T	T				
May-30	Mon	94	15:18	70	4:33	24	82.0	5.0	72	0	0							
May-31	Tue	94	15:27	71	6:06	23	82.5	0.5	74	0	0							
TOTAL		2448	45996	1802	24721	646.0	2125.0	26.0	2060.0	32.0	34.0	5.16	2.76	1.02	0.0	0.0	MAX.	TEMP
NUM		31	31	31	31	31	31	31	31	31	31	12	12	10	0	0	≥ 95	0
AVE.		78.97	15:00	58.13	8:11	20.84	68.55		66.45	1.03	1.10	0.43	0.23	0.10	0.00	0.00	≥ 85	8
MAX.		94	16:57	73	23:59	30	82.5	11.5	CLEAR	11	8	24 Hr.	0.71	0.25	0.0	0	≥ 80	13
MIN.		66	0:01	39	2:06	4	54.0	-17.0	P.CLO.	8	12	1.61	≥ 1.00	≥ 2.00	Inches	THUNDER	≥ 75	22
		≥90 °F	3	≤32 °F	0				CLO.	12	11	1.58	3	0	Days	9	≥ 70	27
DATE		5-30	DATE	5-05	DATE OF	5-31	DATE OF	5-05	SkyAve	1.06	DATE	5-17					≥ 65	31
MAX.			MIN.		HOTTEST		COOLEST				MAX.						≥ 60	31
TEMP.		5-31	TEMP.		DAY		DAY				PREC.						≥ 55	0

May 2011	REMARKS FOR THE MONTH May - 2011
May-01	AM ABOUT 60% CLOUDY WITH MAINLY CIRRUS AND PM TOTALLY CLOUDY-ONLY CLEAR IN EARLY AM
May-02	COOL AM AND WARM PM
May-03	TOO MUCH WIND FOR MORNING DEW-AM SUN THROUGH THIN CIRRUS-PM HAD BOTH CUMULUS AND CIRRUS
May-04	EARLY MORNING THUNDERSTORMS-COLD FRONT PASSED AT 0450
May-05	VERY COLD NIGHT-COLDEST SINCE APRIL 6 WHEN IT WAS 32 DEGREES BUT AIRPORT MIN. WAS ONLY 46 DEGREES-PM WAS A BEAUTIFUL SPRING DAY
May-06	CLEAR AND CHILLY AM BUT PLEASANT 1100-1600 AND A SPRINKLE FROM 1705-1810
May-07	CLOUDS CAME IN AT 1645
May-08	CLOUDY AM BUT CLEARING SKIES AS DAY CONTINUED
May-09	A PLEASANT SPRING DAY WITH A MAX. OF 76 DEGREES WITH VERY LOW REL. HUMIDITY OF 30%
May-10	ANOTHER BEAUTIFUL SPRING DAY BUT LESS WIND THAN YESTERDAY
May-11	SKY STARTED TO CLEAR AROUND 1130 AND WAS VERY CLEAR BY 1215 UNTIL 1700 THEN CIRRUS CAME IN UNTIL SUNSET
May-12	CLOUDY ALL DAY WITH ONLY A FEW BREAKS IN THE CLOUDS
May-13	AM SPRINKLE-TWO LIGHTNING STRIKES AND THUNDER-VERY UNUSUAL IN FACT THAT IT OCCURRED WHEN LIGHT DRIZZLE WAS FALLING-DRIZZLE -830-1000-3RD PD
May-14	3RD PD. OF PRECIP. 1800-2035-HEAVIEST FOG FROM 0800-0830-STRONG THUNDERSTORM PASSES TO OUR EAST
May-15	THUNDER AT 1808-CLOUDY TODAY UNTIL 1530 THEN ALMOST CLEAR FROM 1815-3RD PD. OF RAIN 2030-2210
May-16	A FEW OTHER SPRINKLES BUT ALL OF THE MEASURABLE RAINFALL OCCURRED FROM 1625-1730
May-17	I CANNOT REMEMBER A MORE CHANGEABLE DAY-7 OR 8 PDS. OF RAIN WITH SUN BETWEEN AT LEAST 4 OF THE PDS.
May-18	AM ABOUT 60% CLOUDY-A FEW EARLY AM SPRINKLES-SOME AFTERNOON THUNDERSTORMS PASSED TO EAST AND NE
May-19	MORNING SUN THROUGH CIRRUS CLOUDS BUT COOL AND PLEASANT MOST OF THE DAY EXCEPT EARLY AM SPRINKLES
May-20	CLOUDS BECAME THICKER AROUND NOON AND A FEW SPRINKLES AROUND 1445
May-21	BEAUTIFUL SPRING DAY
May-22	CLEAR BEFORE 0900 AND AFTER 1650-MOSTLY CLOUDY WITH CIRRUS AND ALTOSTRATUS BETWEEN THESE TIMES
May-23	AM WAS MOSTLY CLOUDY TO 0915 THEN MOSTLY CLEAR TO 1205-PM SUNLIGHT WAS CAST THROUGH AN ALMOST COMPLETE VEIL OF CIRRUS
May-24	WARMEST NIGHT SINCE SEPT. 24, 2010 WHEN IT WAS 72 DEGREES F AND TODAY WAS WARMEST DAY SINCE OCT. 11, 2010 WHEN HIGH WAS 89 DEGREES F
May-25	THE HIGH DEW POINT WAS 68.6 DEGREES F A WARM AND SUNNY DAY
May-26	TOO MUCH WIND FOR DEW-WARMEST NIGHT SINCE 8/17/2010 WHEN MIN. WAS 75-THE MAX. TODAY WAS HIGHEST SINCE 9/25/2010 WHEN IT WAS 95
May-27	LIGHTNING BETWEEN 1515-1520
May-28	PARTLY CLOUDY TO CLEAR FROM 0815-1115 AND PM STARTED OUT CLOUDY UNTIL 1330 AND BECAME PC TO 1600 THEN CLOUDY AGAIN
May-29	ON AND OFF LIGHT AM MIST AND VERY LIGHT DRIZZLE-HARDLY DISCERNIBLE
May-30	CLEAR DAY AND HOTTEST DAY SINCE 9/25/2010 WHEN HIGH WAS 95 DEGREES F
May-31	HAZY DAY AND VERY WARM FOR MAY-HOTTEST DAY SINCE SEPT. 25, 2010 WHEN THE HIGH WAS 95 DEGREES F - ALSO THE MAX. DEW PT. WAS 72.8 DEGREES F.
DATE	EXTENSION OF LENGTHY DAILY REMARKS
May-13	OF RAIN 2155-2240

20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
May	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE				GLAZE	SLEET	SNOW	FOG		DEW	FROST
2012	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE							
May-01	0735	0830	109.2	20	5:25	93	50	30.11	29.99	30.05	-0.15							
May-02			42.4	14	4:50	90	42	30.09	29.99	30.04	-0.01					1	1	
May-03			33.2	15	23:31	96	51	30.17	30.03	30.10	0.06				2			
May-04			28.5	10	14:19	95	54	30.07	29.89	29.98	-0.12				1		3	
May-05	1630	2130	37.4	14	23:06	95	52	29.96	29.83	29.90	-0.09						4	
May-06	0540	0615	65.2	13	3:18	96	64	30.09	29.95	30.02	0.13				1		4	
May-07			57.0	15	12:28	94	45	30.12	30.01	30.07	0.05						3	
May-08			118.1	24	10:29	88	60	30.05	29.84	29.95	-0.12							
May-09	0715	0745	80.2	24	1:26	95	67	29.84	29.62	29.73	-0.22							
May-10			40.1	20	12:01	100	32	29.97	29.66	29.82	0.08						4	
May-11			41.4	21	10:45	92	25	30.21	29.97	30.09	0.28						4	
May-12			43.7	15	12:55	94	31	30.33	30.21	30.27	0.18						4	
May-13			102.9	21	16:55	89	45	30.25	30.14	30.20	-0.07							
May-14	2140	2210	58.6	23	12:43	95	63	30.17	30.00	30.09	-0.11							
May-15	1535	1550	50.9	20	21:24	96	54	30.01	29.90	29.96	-0.13					1		
May-16	0120	0255	16.5	11	1:29	97	49	29.98	29.89	29.94	-0.02					3		
May-17			76.4	23	8:41	98	63	30.10	29.93	30.02	0.08						4	
May-18			75.9	18	11:56	94	35	30.17	30.09	30.13	0.12						3	
May-19			59.8	18	11:49	89	33	30.17	30.10	30.14	0.00						3	
May-20	1835	1900	106.5	22	12:56	91	34	30.15	30.04	30.10	-0.04						3	
May-21	1130	1450	26.9	13	1:03	96	81	30.04	29.90	29.97	-0.13							
May-22	0525	0600	24.8	16	22:17	97	64	29.91	29.81	29.86	-0.11				3	3	4	
May-23	0305	0325	18.6	9	8:41	97	58	29.98	29.86	29.92	0.06				1	1	4	
May-24			26.4	17	14:27	97	60	30.09	29.97	30.03	0.11					1	5	
May-25			17.5	10	14:05	98	56	30.16	30.07	30.12	0.09				3		5	
May-26			26.3	11	19:03	97	48	30.19	30.10	30.15	0.03						4	
May-27			36.7	15	13:16	97	46	30.18	30.06	30.12	-0.03						5	
May-28			70.3	17	4:39	95	58	30.13	29.98	30.06	-0.06						4	
May-29			140.6	23	16:13	93	53	29.99	29.77	29.88	-0.18					1	3	
May-30	0315	1010	23.8	13	16:45	95	60	29.84	29.72	29.78	-0.10							
May-31			32.5	13	8:57	96	36	29.90	29.76	29.83	0.05						4	
TOTAL	Column 23		1688.3	518		2935	1569	932.42	928.08	930.25	-0.37	GLAZE	SLEET	SNOW	FOG	THUNDER	DEW	FROST
Number	Mar. Wind Run		31	31	31	31	31	31	31	31	31							
AVE.	Total		1688.3	54.5	16.7	11:59	94.7	50.6	30.08	29.94	30.01							
Normals	Miles		1301.8	47.4	18.8	Directions	85.2	42.9	30.07	29.93	30.00							
Departures	Miles		386.5	7.1	-2.1	Date Order	9.5	7.7	0.01	0.01	0.01							
MAXIMUM DATES	Dates		140.6	24	SSW, SSW	100	81	30.33	30.21	30.27	0.28	5. Very Heavy 4. Heavy or Unusual 3. Moderate or Ave. 2. Light or less than Average 1. Very Light - Slight - Trace M - Event with intensity missing						
	1		May-29	May-08	10:29	May-10	May-21	May-12	May-12	May-12	May-11							
	2			May-09	1:26													
	3																	
MINIMUM DATES	Dates		16.5	9		88	25	29.84	29.62	29.73	-0.22							
	1		May-16	May-23		May-08	May-11	May-09	May-09	May-09	May-09							
	2																	
MINIMUM	≤ 80	≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35	≤ 32	≤ 30	≤ 25					
	31	31	30	24	13	6	4	2	0	0	0	0	0					

May 2012	REMARKS FOR THE MONTH May - 2012
May-01	WARM FOR FIRST OF MAY-A STRONG THUNDERSTORM PASSED WELL TO SOUTH ALONG VA/NC BORDER-CLOUDY UNTIL 1115 THEN PC REST OF THE DAY
May-02	THUNDER HEARD TWICE-TIED FOR THE HOTTEST DAY SO FAR IN 2012-MOST OF CLOUDS CLEARED BY 0845 AND PM WAS PC WITH CIRRUS EST. 60%
May-03	AM DRIZZLE AND FOG-CLEARING STARTED AROUND 1140 AND PC WITH CIRRUS UNTIL 1545 THEN CLEAR TO SUNSET-DISTANT LIGHTNING BUT NO THUNDER HEARD
May-04	CLOUDY TO PC AROUND 1000 AND PM MOSTLY CLOUDY-AM EST. 70-80% CLOUDS-DISTANT LIGHTNING SEEN BUT NO THUNDER HEARD BEFORE DAYBREAK-
May-05	CLOUDS CAME IN AROUND 1140 AND CLOUDY THE REST OF THE DAY-NO THUNDER HEARD WITH RAINFALL
May-06	CONDENSATION FROM DEW PLUS RAINDROPS ON MIRROR-3RD PD.OF RAIN 0710-0840 WHICH WAS ONLY MEASURABLE PRECIP. OF 0.01-CLEAR ONLY
May-07	CLEAR FROM 1800 TO SUNSET -COOL AND PLEASANT SPRING DAY
May-08	VERY LIGHT SPRINKLE HARDLY DISCERNIBLE TODAY
May-09	VERY SLOW MOVING COLD FRONT PASSED AROUND 2130-MUCH HEAVIER RAIN IN SE VIRGINIA- 3RD PD. RAIN 1400-1425-4TH PD. 1615-2400
May-10	CLEAR UNTIL 1030 THEN PC UNTIL 1730 THEN CLEARING AND A BEAUTIFUL COOL SPRING DAY
May-11	CLEAR,COOL, LOW REL.HUMIDITY - ANOTHER NICE SPRING DAY
May-12	PC WITH CIRRUS MOST OF THE DAY AND 7 DEGREES WARMER ON THE MAX. TODAY
May-13	SUN THROUGH CIRRUS FROM 0830-1130 THEN CIRRUS AND CUMULUS UNTIL 1300 WHEN OVERCAST BECAME SOLID
May-14	VERY SLOW MOVING COLD FRONT STILL TO WEST IN SHENANDOAH VALLEY AND ONLY CLOUDS HERE
May-15	THUNDER AT 2145-ONLY ONE CLOSE STRIKE-3RD PD. OF RAIN 2120-2135-4TH PD. 2230-2400
May-16	WEAK COLD FRONT PASSED AT 0400 WITH A LONG DURATION THUNDERSTORM OF 1-1 1/2 HOURS WITH LIGHTNING FREQUENCY ABOUT 1 STRIKE PER 2-3 MINS.
May-17	CIRRUS CAME IN AROUND 0930 AND BECAME CLOUDY BY 1215-AM EST. 60% CLOUDY
May-18	PC MOST OF DAY WITH THIN FIBROUS CIRRUS-COOL AM WITH DEW POINT OF 44.9 °F
May-19	PC MOST OF DAY WITH THIN CIRRUS CLOUDS-WARMER BUT STILL LOW DEW POINT TEMPS.
May-20	CIRRUS CLOUDS UNTIL 1010 THEN CUMULUS AND ALTOSTRATUS FOLLOWED BY STRATUS -3RD PD. OF RAIN 2135-2400
May-21	3RD PD. OF RAIN 1545-1610, 4TH PD. 1700-1715, 5TH PD. 2050-2110
May-22	ONLY BREAKS IN CLOUDS FROM 0900-1100- 3RD PD. RAIN 2150-2400-2ND THUNDERSTORM WAS THE STRONGEST RATED 3 WITH 0.25 INS. IN 5 MINS.
May-23	3RD PD. OF RAIN 1450-1510, 4TH PD. RAIN 1615-1700-HUMID DAY
May-24	CLOUDS CAME IN AT 1015 AND WAS PC TO NOON-PM WAS MOSTLY CLOUDY-AM EST. 40-45% CLOUDY & A RAINBOW WAS SEEN TO SOUTH AT 1926 ABT. 1/5 OF ARC
May-25	CLOUDY UNTIL 1115 THEN PC TO 1730 FOLLOWED BY CLEARING TO SUNSET-VERY HUMID-MAX. DEW POINT 73.3 °F
May-26	ONLY A FEW CUMULUS AFTER 1315
May-27	ONLY A FEW CUMULUS FROM 1215-1845 THEN THIN CIRRUS FROM 1900-SUNSET
May-28	1ST 70 °F MIN. AND WARMEST NIGHT SINCE SEPT. 8, 2011-CLOUDY TO 1030 THEN MOSTLY CLOUDY TO 1300 THEN MOSTLY CLEAR BY 1515 AND TOTALLY CLEAR
May-29	TROPICAL STORM BERYL HEADED TOWARD CAROLINAS WITH RAIN IN FORECAST FOR VA TOMORROW
May-30	RAIN ENDED AT 1010 AND REMAINED MOSTLY CLOUDY UNTIL 1615 AND THE SKY WAS CLEAR BY 1900
May-31	WARM SPRING DAY BUT HUMIDITY WAS LOWER AND ONLY FAIR WEATHER CUMULUS DURING THE DAY
DATE	EXTENSION OF LENGTHY DAILY REMARKS
May-04	PM THUNDERSTORM TO THE EAST OF RICHMOND THAT MOVED VERY SLOWLY
May-06	FROM 1845-2000-PM EST. AT 75-80% CLOUDY
May-16	PM EST. 60% CLOUDY
May-28	BY 1900-LOWEST DEW POINT TODAY WAS ONLY 67.5 AND MAX. WAS 73.9 °F

1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19	
May	Week	TEMPERATURE °F				TEMPERATURE °F				SKY		PRECIPITATION			FROZ. PRECIP.		1st PERIOD																				
2013	Day	MAX.	Time	MIN.	Time	RANGE	MEAN	CHANGE	SOIL	AM	PM	Liquid	1 Hr.	5 Min.	NEW	GROUND	START	END																			
May-01	Wed	70	13:40	52	23:35	18	61.0	1.0	61	1	2	0.01	0.01	0.01			0001	0045																			
May-02	Thu	68	17:03	50	23:57	18	59.0	-2.0	61	2	1																										
May-03	Fri	70	14:39	45	4:23	25	57.5	-1.5	59	1	1																										
May-04	Sat	66	16:35	42	5:44	24	54.0	-3.5	59	2	2																										
May-05	Sun	64	15:30	43	4:05	21	53.5	-0.5	59	2	2																										
May-06	Mon	68	17:55	53	5:00	15	60.5	7.0	60	2	2	0.17	0.10	0.03			0415	0440																			
May-07	Tue	74	16:40	56	23:18	18	65.0	4.5	61	2	2	2.39	1.37	0.33			0001	0645																			
May-08	Wed	68	13:01	55	6:01	13	61.5	-3.5	60	2	2	0.13	- - -	0.01			0315	0715																			
May-09	Thu	79	16:11	53	7:18	26	66.0	4.5	61	1	0	T	T	T			1105	1115																			
May-10	Fri	86	14:29	55	6:04	31	70.5	4.5	63	0	0																										
May-11	Sat	81	12:30	61	23:38	20	71.0	0.5	66	2	2	0.38	0.37	0.27			0044	0415																			
May-12	Sun	71	14:43	47	23:57	24	59.0	-12.0	66	1	1	0.01	0.01	0.01			0010	0030																			
May-13	Mon	63	12:05	39	6:05	24	51.0	-8.0	64	1	1	T	T	T			1604	1608																			
May-14	Tue	69	16:58	36	6:06	33	52.5	1.5	61	0	0																										
May-15	Wed	87	16:54	57	6:11	30	72.0	19.5	63	1	0	T	T	T			0919	0925																			
May-16	Thu	88	13:04	65	22:46	23	76.5	4.5	66	0	2	0.28	0.27	0.14			1643	1805																			
May-17	Fri	84	17:10	62	5:36	22	73.0	-3.5	67	2	2	T	T	T			2345	2400																			
May-18	Sat	68	0:01	60	3:47	8	64.0	-9.0	67	2	2	0.78	0.27	0.17			0001	0920																			
May-19	Sun	76	16:31	62	0:01	14	69.0	5.0	67	2	2	0.01	0.01	T			0548	0552																			
May-20	Mon	84	15:20	65	3:30	19	74.5	5.5	67	2	1	0.11	0.11	0.05			0415	0515																			
May-21	Tue	81	17:04	68	1:44	13	74.5	0.0	69	2	2																										
May-22	Wed	85	14:35	70	4:31	15	77.5	3.0	70	2	0																										
May-23	Thu	83	14:10	67	23:59	16	75.0	-2.5	71	1	2	0.52	0.18	0.16			0018	0140																			
May-24	Fri	67	0:01	47	23:56	20	57.0	-18.0	71	2	1	0.06	0.04	0.03			0715	0745																			
May-25	Sat	71	17:09	40	6:02	31	55.5	-1.5	67	1	0																										
May-26	Sun	75	16:26	43	6:15	32	59.0	3.5	65	0	0																										
May-27	Mon	77	15:21	47	5:29	30	62.0	3.0	66	0	2	T	T	T			1745	1855																			
May-28	Tue	86	16:47	58	2:25	28	72.0	10.0	67	1	1	T	T	T			1128	1130																			
May-29	Wed	88	15:10	69	6:17	19	78.5	6.5	69	0	0																										
May-30	Thu	89	15:47	67	5:59	22	78.0	-0.5	71	0	0																										
May-31	Fri	89	15:51	66	2:58	23	77.5	-0.5	72	0	0																										
TOTAL		2375		1700		675.0	2037.5	17.5	2016	37	35	4.85	2.74	1.21	0.00	0.00	Col.26-27																				
NUM		31	31	31	31	31	31		31	31	31	12	11	11	0	0	DAILY AVE RH																				
AVE.		76.61	14:29	54.84	9:41	21.77	65.73		65.03	1.19	1.13	Ave. Tot.	Ave.Max	Ave.Max			69.4	Percent																			
Normals		79.25		58.97		20.28	69.11		67.18	1.06	1.15	3.98	0.69	0.19			71.7	Percent																			
Departures		-2.64		-4.13		1.49	-3.38		-2.15	0.13	-0.02	0.87	0.68	0.14			-2.3	Percent																			
MAX.	Dates	89		70		33	78.5	19.5	72.0	Whole Day		2.39	1.37	0.33			Precip	24Hr.																			
DATES	1	May-30		May-22		May-14	May-29	May-15	May-31	AVE.	1.16	May-07	May-07	May-07			Amount	2.43																			
	2	May-31								Normal	1.05						Date	May-06																			
	3									Depart	0.11						Date	May-07																			
MIN.	Dates	63		36		8	51.0	-18.0	59.0	SKY		>= 0.10 INCHES		>= 1.00 INCHES		>= 2.00 INCHES																					
DATES	1	May-13		May-14		May-18	May-13	May-24	May-03	AM	PM	8 DAYS		1 DAYS		1 DAYS																					
	2								May-04	CLEAR	8	10	HOTTEST		78.5	Highest	Lowest	COOLEST																			
	3								May-05	P.CLO.	9	7	DAY		5-29	Mean	Mean	DAY																			
									May-05	CLO.	14	14						51.0																			
<=32 °F	0	<=32 °F	0	MAX.		>= 95	>= 90	>= 85	>= 80	>= 75	>= 70	>= 65	>= 60	>= 55	>= 50	>= 45	>= 40	>= 35																			
>=90 °F	0	>=70 °F	1			0	0	8	13	17	22	29	31	31	31	31	31	31																			

20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38	
May		2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE				GLAZE	SLEET	SNOW	FOG	K		DEW	FROST																	
2013	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE																										
May-01			93.6	18	12:13	96	37	30.39	30.22	30.31	0.17								R																		
May-02			57.2	14	15:17	95	52	30.40	30.30	30.35	0.05								4																		
May-03			62.5	17	13:30	98	38	30.33	30.26	30.30	-0.05								5																		
May-04			72.8	16	16:13	96	53	30.30	30.15	30.23	-0.07								4																		
May-05			87.6	17	10:29	90	55	30.19	30.11	30.15	-0.08								1																		
May-06	1330	1335	91.1	18	17:56	96	65	30.13	29.94	30.04	-0.11									R																	
May-07	0730	0805	59.6	22	17:39	98	50	29.97	29.83	29.90	-0.14							4		R																	
May-08	1100	1135	25.4	18	13:36	98	61	30.00	29.92	29.96	0.06									R																	
May-09			35.5	14	15:41	100	45	30.03	29.94	29.99	0.02				3					5																	
May-10			69.2	22	15:27	97	38	30.03	29.90	29.97	-0.02									4																	
May-11	2205	2335	105.9	27	12:51	94	52	29.94	29.74	29.84	-0.13							2		R																	
May-12	0215	0230	36.8	17	15:09	97	30	30.04	29.75	29.90	0.05									R																	
May-13	1930	1935	31.1	16	17:11	95	28	30.17	30.04	30.11	0.21									3																	
May-14			39.8	16	12:44	92	28	30.22	30.04	30.13	0.02									4	2																
May-15			152.6	28	16:02	64	40	30.06	29.77	29.92	-0.22									1																	
May-16			42.2	24	16:43	96	36	29.95	29.81	29.88	-0.04							2		2																	
May-17			38.4	15	22:50	97	35	30.16	29.93	30.05	0.17									R																	
May-18	1115	1300	33.4	12	20:16	97	62	30.21	30.12	30.17	0.12							1		R																	
May-19	1730	1735	19.3	16	20:08	99	70	30.19	30.09	30.14	-0.02				3					R																	
May-20	1845	1915	67.5	18	9:31	97	56	30.12	30.01	30.07	-0.07									R																	
May-21			77.1	14	9:47	94	65	30.03	29.91	29.97	-0.10									2																	
May-22			145.4	22	13:52	93	60	29.99	29.87	29.93	-0.04									1																	
May-23	1530	1540	79.9	23	1:03	96	57	29.94	29.79	29.87	-0.06							1		R																	
May-24	0845	1050	81.4	26	17:54	96	47	30.17	29.77	29.97	0.10									R																	
May-25			62.8	19	17:24	79	26	30.24	30.10	30.17	0.20									3																	
May-26			33.7	18	16:01	89	26	30.25	30.14	30.20	0.02									4																	
May-27			23.3	13	11:55	88	34	30.28	30.17	30.23	0.03									4																	
May-28			115.3	24	8:22	85	50	30.20	30.09	30.15	-0.08									1																	
May-29			138.6	22	2:21	82	47	30.17	30.11	30.14	0.00																										
May-30			93.7	18	12:21	89	45	30.22	30.14	30.18	0.04																										
May-31			91.9	21	0:00	90	42	30.19	30.07	30.13	-0.05									3																	
TOTAL	Column 23		2164.6	585		2873	1430	934.51	930.03	932.27	0.00				2		5		17	1																	
Number	Mar. Wind Run		31	31	31	31	31	31	31	31	31																										
AVE.	Total	2164.6	69.8	18.9	14:04	92.7	46.1	30.15	30.00	30.07																											
Normals	Miles	1398.4	51.3	18.7		85.2	42.9	30.07	29.93	30.00																											
Departures	Miles	766.2	18.5	0.2		7.5	3.2	0.08	0.07	0.07																											
MAXIMUM	Dates		152.6	28	NNE	100	70	30.40	30.30	30.35	0.21																										
DATES	1	May-15	May-15	16:02	May-09	May-19	May-02	May-02	May-02	May-13																											
	2																																				
	3																																				
	4																																				
MINIMUM	Dates		19.3	12		64	26	29.94	29.74	29.84	-0.22																										
DATES	1	May-19	May-18		May-15	May-25	May-11	May-11	May-11	May-15																											
	2				May-26																																
MINIMUM			≤ 80	≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35	≤ 32	≤ 30	≤ 25																						
			31	31	31	25	20	16	11	7	3	0	0	0	0																						

5. Very Heavy
 4. Heavy-Unusual
 3. Moderate - Ave.
 2. Light - < Ave.
 1. Very Light - Slight - Trace
 M - Event with intensity missing

N- None No Dew Obs.
 R- Precip. prevent obs.

May 2013	REMARKS FOR THE MONTH May - 2013
May-01	AM WAS CLEAR FROM 1000-NOON-EST. 55-60% CLEAR -PM PARTLY CLOUDY 1215-1330 THEN CLOUDY TO SUNSET
May-02	SKY CLEARED AT 1415 AND WAS CLEAR TO 1700-AM 100% CLOUDY, PM ABOUT 45-50% CLOUDY
May-03	VERY HEAVY DEW AND CUMULUS CLOUDS TO 1130 THEN MAINLY CIRRUS TO SUNSET THEN CLEARING-FURNACE CUT ON DURING MORNING
May-04	CLOUDY ALL DAY UNTIL 1530 WHEN IT BECAME PC-PM EST. OF ABOUT 70-75% CLOUDY
May-05	SOME BREAKS IN CLOUDS AT TIMES BUT 75-80% CLOUDY TODAY
May-06	3RD PD. OF PRECIP. 1815-2115, 4TH PD. 2200-2300, 5TH PD. 2330-2400-VERY LITTLE RAIN UNTIL AFTER 1830
May-07	THUNDERSTORM RATED 4 DUE TO HAIL-PEA SIZE HAIL 3/8 INCH FROM 1742-1748-2ND ROUND OF HAIL 1/2 INCH IN DIA. FROM 1757-1804-SEE NOTES BELOW
May-08	3RD PD. OF RAIN 1415-1700, 4TH PD. 1815-2015-BUT ONLY LIGHT RAIN TODAY
May-09	EARLY AM FOG BUT PM WAS CLEAREST PERIOD OF MONTH SO FAR
May-10	WARMEST DAY SINCE APR. 11TH WHEN IT WAS ALSO 86 °F -MOSTLY CLEAR DAY BUT A FEW CIRRUS CLOUDS
May-11	AM SUNLIGHT THROUGH A COMPLETE THIN OVERCAST UNTIL 1145-PM WAS ABOUT 60-70% CLOUDY
May-12	3RD PD. OF RAIN 0300-0330 BUT MAIN PD. OF PRECIP. WAS THE 4TH PD. 0500-0515
May-13	VIRGA SEEN IN AFTERNOON-VERY LIGHT PRECIP. ONLY REGISTERED 4 OF 15 ON PRECIP. SENSOR
May-14	VERY LIGHT PATCHY FROST ON SOUTH END OF BACKYARD ALSO LIGHT FROST SEEN ON ROOFS BUT ONLY DEW ON SKY MIRROR-AIRPORT HAD 41 °F MIN.
May-15	CLEARING AT 1130-PC FROM 0945-HIGHEST WIND RUN SINCE APR. 19 WHEN IT WAS 177.8 MILES
May-16	CLOUDS CAME IN AT 1345-THUNDERSTORM CAME FROM CHARLOTTESVILLE DOWN 64 TO GLEN ALLEN
May-17	CLOUDY ALL DAY-PLANTED TOMATOES IN SHENANDOAH VALLEY
May-18	3RD PD. OF PRECIP. 1400-1505-THUNDERSTORM BETWEEN 0400 AND 0500.
May-19	3RD PD. OF PRECIP. 2008-2105-ONLY SPRINKLES AND VERY LIGHT RAIN TODAY
May-20	THE 0.11 INS. OF RAIN WAS IN EARLY AM-THE OTHER PD. WAS NOT MEASURABLE
May-21	CLEARED OFF AT 1630 BUT CLOUDS MADE FOR A COOLER THAN FORECASTED DAY
May-22	HIGHEST DEW POINT OF 2013 AT 73.3 °F -PM WAS ABT. 20-30% CLOUDY
May-23	3RD PD.OF RAIN 1845-1920-HIGH DEW POINT OF 71.1 °F AT 1523-COLD FRONT TO PASS GLEN ALLEN LATE TONIGHT
May-24	CLOUDY MOST OF DAY WITH CLEARING STARTING AT 1500 AND WAS CLEAR BY 1745 UNTIL SUNSET-PM 65% CLOUDY
May-25	COLD START TODAY BUT A BEAUTIFUL LATE AFTERNOON-TODAY WAS VERY CLEAR UNTIL 1000 THEN CLOUDS TO 1430 THEN VERY CLEAR AGAIN.
May-26	BEAUTIFUL SPRING DAY-DEEP BLUE SKY AND LOW RELATIVE HUMIDITY
May-27	WARM FRONT GAVE OCCASIONAL SPRINKLES FROM 1745-1855 AND AM WAS ABOUT 15-20% CLOUDY
May-28	WIND REDUCED DEW BUT SKY WAS CLEAR TO 1015 THEN CLOUDS TO 1500-PC TO1830 THEN CLEAR AGAIN-THE TRACE TODAY WAS LIGHTEST OF SPRINKLES.
May-29	WIND PREVENTED DEW-BUT AM WAS VERY CLEAR-PM HAD SOME CUMULUS FROM 1500-1700
May-30	VERY SUNNY AND PLEASANT AM-PM A LITTLE ON HOT SIDE-MAX. DEW POINT WAS 70 °F -NO CLOUDS TODAY
May-31	ONLY A FEW CUMULUS CLOUDS FROM 1145 TO 1645 BUT MOSTLY CLEAR AND THE HIGH DEW PT. WAS 71.6 °F TODAY.
DATE	EXTENSION OF LENGTHY DAILY REMARKS
May-07	VIEW THE ACTUAL STORM DATA EVERY 5 MINUTES
May-07	<p>THUNDERSTORM WITH HAIL A small cell rapidly intensified into a slow moving thunderstorm.</p> <p>Light rain started at 1715 and heavy rain started between 1735 and 1740. It was also a new record for a 15 minute period with 0.64 inches.</p> <p>Hail started at 1740-1745 around 1742 small cloudy pea size hail mixed in with the rain and increased in intensity to a max. at 1745 and tapered off by 1748.</p> <p>The largest of this hail was 3/8 inch in diameter. It was also a new record for a 15 minute period with 0.67 inches.</p> <p>This left the deck about 50 percent covered by a layer of small hail in a very heavy rainfall.</p> <p>The hail started again between 1755-1800 & was up to 0.5 inches- some of this hail was clear ice & some had a platelet shape between 1758-1802 & damaged garden plants. The most rain in 1 hour was 1.37 inches a new record for May and in 5 mins. 0.33 inches.</p> <p>The total precipitation for the day was 2.39 inches which is a new record for a day in the month of May and also a record for any spring day.</p> <p>It is the most rain to fall in one hour here since August 24, 2009 when 1.44 inches fell and the record is 2.13 on June 3, 2009.</p>
May-25	AM EST. TO BE 40-45% CLOUDY AND PM EST. AT 20-30% CLOUDY.

PAGE #1 **May 2014 West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz**

1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19	
May	Week	TEMPERATURE °F				TEMPERATURE °F				SKY		PRECIPITATION			FROZ. PRECIP.		1st PERIOD																				
2014	Day	MAX.	Time	MIN.	Time	RANGE	MEAN	CHANGE	SOIL	AM	PM	Liquid	1 Hr.	5 Min.	NEW	GROUND	START	END																			
May-01	Thu	80	15:21	65	10:20	15	72.5	10.0	60	2	1	0.10	0.08	0.04			0550	0635																			
May-02	Thu	68	16:50	52	6:50	16	60.0	-12.5	62	1	1																										
May-03	Fri	76	15:30	53	6:20	23	64.5	4.5	61	2	1																										
May-04	Sat	84	17:05	48	6:25	36	66.0	1.5	61	0	0																										
May-05	Sun	67	13:58	49	5:49	18	58.0	-8.0	62	1	2	0.02	0.02	0.01			1455	1505																			
May-06	Mon	75	16:55	54	6:23	21	64.5	6.5	61	2	1																										
May-07	Tue	77	15:10	57	4:37	20	67.0	2.5	62	2	1	0.01	0.01	T			0635	0712																			
May-08	Wed	89	16:05	62	0:01	27	75.5	8.5	64	1	0																										
May-09	Thu	89	15:37	60	6:09	29	74.5	-1.0	65	0	2	T	T	T			2030	2135																			
May-10	Fri	80	14:56	65	23:56	15	72.5	-2.0	67	2	2	0.12	0.04	0.04			0415	0625																			
May-11	Sat	84	17:11	59	6:02	25	71.5	-1.0	66	0	0																										
May-12	Sun	90	16:17	60	6:11	30	75.0	3.5	66	0	1	0.07	0.07	0.03			1740	1845																			
May-13	Mon	94	17:00	66	5:11	28	80.0	5.0	68	0	1	T	T	T			1857	1905																			
May-14	Tue	74	16:37	64	7:24	10	69.0	-11.0	70	2	2	T	T	T																							
May-15	Wed	84	14:42	65	5:46	19	74.5	5.5	68	2	2	1.17	0.60	0.18			1556	2400																			
May-16	Thu	75	17:10	56	23:58	19	65.5	-9.0	69	2	1	1.63	0.96	0.11			0001	0855																			
May-17	Fri	69	15:26	47	6:07	22	58.0	-7.5	67	1	1																										
May-18	Sat	70	16:24	48	6:28	22	59.0	1.0	66	1	1																										
May-19	Sun	74	16:43	43	6:10	31	58.5	-0.5	65	0	0																										
May-20	Mon	80	17:09	48	5:50	32	64.0	5.5	65	2	0																										
May-21	Tue	87	14:46	64	6:37	23	75.5	11.5	67	0	1	T	T	T	HAIL	0.5	1627	1645																			
May-22	Wed	88	14:03	64	23:55	24	76.0	0.5	69	1	1	0.77	0.77	0.39			1637	1710																			
May-23	Thu	80	16:23	60	6:31	20	70.0	-6.0	68	2	1																										
May-24	Fri	78	16:03	51	5:07	27	64.5	-5.5	68	0	0																										
May-25	Sat	82	14:12	53	5:40	29	67.5	3.0	68	0	0																										
May-26	Sun	87	15:47	58	5:52	29	72.5	5.0	69	0	1																										
May-27	Mon	91	14:47	67	5:14	24	79.0	6.5	70	0	2	T	T	T			1915	1925																			
May-28	Tue	90	15:13	67	5:50	23	78.5	-0.5	72	0	1	0.77	0.64	0.11			1853	1145																			
May-29	Wed	68	1:14	59	7:12	9	63.5	-15.0	72	2	2	0.07	0.03	0.02			0200	0300																			
May-30	Thu	70	17:29	58	22:59	12	64.0	0.5	70	2	2	0.01	0.01	0.01			0535	0725																			
May-31	Fri	78	16:58	56	3:37	22	67.0	3.0	68	0	0																										
TOTAL		2478		1778		700.0	2128.0	4.5	2056	30	31	4.74	3.23	0.94	0.50	0.00	Col.26-27																				
NUM		31	31	31	31	31	31		31	31	31	11	11	10	1	0	DAILY AVE RH																				
AVE.		79.94	15:27	57.35	8:12	22.58	68.65		66.32	0.97	1.00	Ave. Tot.	Ave.Max	Ave.Max			67.5	Percent																			
Normals		78.72		58.14		19.64	68.43		66.75	1.07	1.15	4.16	0.83	0.22			71.2	Percent																			
Departures		1.22		-0.79		2.94	0.22		-0.43	-0.10	-0.15	0.58	0.13	0.17			-3.7	Percent																			
MAX.	Dates	94		67		36	80.0	11.5	72.0	Whole Day		1.63	0.96	0.39			Precip	24Hr.																			
DATES	1	May-13		May-27		May-04	May-13	May-21	May-28	AVE.	0.98	May-16	May-16	May-22			Amount	2.80																			
	2			May-28					May-29	Normal	1.21						Date	May 15																			
	3									Depart	-0.23						Date	May 16																			
MIN.	Dates	67		43		9	58.0	-15.0	60.0	SKY		>= 0.10 INCHES		>= 1.00 INCHES		>= 2.00 INCHES																					
DATES	1	May-05		May-19		May-29	May-05	May-29	May-01	CLEAR	13	8	6	DAYS	2	DAYS	0	DAYS																			
	2						May-17			P.CLO.	6	15	HOTTEST	80.0	Highest	Lowest	COOLEST	58.0																			
	3									CLO.	12	8	DAY	5-13	Mean	Mean	DAY	5-05																			
<=32 °F	0	<=32 °F	0	MAX.		>= 95	>= 90	>= 85	>= 80	>= 75	>= 70	>= 65	>= 60	>= 55	>= 50	>= 45	>= 40	>= 35																			
>=90 °F	4	>=70 °F	0			0	4	9	17	23	27	31	31	31	31	31	31	31																			

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20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
May	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE				GLAZE	SLEET	SNOW	FOG	THUNDER	DEW	FROST
2014	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE							
May-01	0845	0955	68.6	18	15:32	100	42	29.86	29.73	29.80	0.17						P	
May-02			63.6	22	0:26	85	35	29.90	29.77	29.84	0.04						1	
May-03			36.7	20	17:05	87	30	29.89	29.78	29.84	0.00						3	
May-04			72.0	29	12:30	89	27	29.93	29.74	29.84	0.00						4	
May-05			41.8	15	9:29	91	30	30.06	29.91	29.99	0.15						1	
May-06			22.7	10	16:07	88	45	30.04	29.90	29.97	-0.02						2	
May-07			40.2	13	10:22	93	31	30.19	30.04	30.12	0.15						P	
May-08			48.8	20	17:45	96	34	30.15	30.02	30.09	-0.03				2		4	
May-09			68.4	26	20:42	85	33	30.11	29.96	30.04	-0.05						4	
May-10	1205	1400	93.0	22	15:00	91	56	30.07	29.97	30.02	-0.02					1	3	
May-11			29.8	12	11:06	98	38	30.15	30.00	30.08	0.05				1		4	
May-12			58.8	19	15:24	97	33	30.17	30.08	30.13	0.05						4	
May-13			38.0	18	22:52	91	34	30.16	30.05	30.11	-0.02				1	2	P	
May-14			37.3	12	5:41	96	78	30.20	30.11	30.16	0.05				3		4	
May-15			72.9	23	11:53	96	50	30.13	29.89	30.01	-0.15						3	
May-16			76.3	26	1:45	97	50	29.95	29.75	29.85	-0.16						P	
May-17			30.7	17	13:06	96	32	30.26	29.95	30.11	0.25						3	
May-18			54.9	21	9:10	87	33	30.25	30.15	30.20	0.09						3	
May-19			25.6	14	11:14	96	27	30.31	30.21	30.26	0.06						5	
May-20			34.1	17	15:11	92	35	30.23	30.02	30.13	-0.13						4	
May-21			49.5	13	10:56	87	43	30.02	29.88	29.95	-0.18						3	
May-22			25.1	40	16:41	96	42	29.90	29.79	29.85	-0.11				3	4	4	
May-23			62.4	17	22:03	96	39	30.04	29.90	29.97	0.13						P	
May-24			58.0	18	8:07	86	42	30.13	30.03	30.08	0.11						3	
May-25			17.8	12	17:10	97	34	30.19	30.11	30.15	0.07						5	
May-26			71.6	23	13:41	93	43	30.17	30.01	30.09	-0.06						4	
May-27			45.3	21	19:20	91	44	30.03	29.88	29.96	-0.14						3	
May-28			37.5	29	18:22	96	46	30.02	29.89	29.96	0.00					3	4	
May-29	1010	1445	34.1	13	2:34	99	89	30.17	30.02	30.10	0.14						P	
May-30	0950	1125	23.6	12	14:16	97	69	30.15	30.08	30.12	0.02						P	
May-31			60.8	17	9:20	99	34	30.27	30.11	30.19	0.07						4	
TOTAL	Column 23		1499.9	589		2888	1298	933.10	928.73	930.92	0.56	0	0	0	5	4	24	0
Number	Mar. Wind Run		31	31	31	31	31	31	31	31	31							
AVE.	Total	1499.9	48.4	19.0	13:03	93.2	41.9	30.10	29.96	30.03								
Normals	Miles	1551.6	51.3	18.7		86.0	44.6	30.08	29.94	30.01								
Departures	Miles	-51.7	-2.9	0.3		7.2	-2.7	0.02	0.02	0.02								
MAXIMUM DATES	Dates		93.0 May-10	40 May-22	NNE 16:41	100 May-01	89 May-29	30.31 May-19	30.21 May-19	30.26 May-19	0.25 May-17							
MINIMUM DATES	Dates		17.8 May-25	10 May-06		85 May-02 May-09	27 May-04 May-19	29.86 May-01	29.73 May-01	29.80 May-01	-0.18 May-21							
MINIMUM		≤ 80	≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35	≤ 32	≤ 30	≤ 25				
		31	31	31	28	21	11	6	1	0	0	0	0	0				

5. Very Heavy
4. Heavy-Unusual
3. Moderate - Ave.
2. Light - < Ave.
1. Very Light - Slight - Trace
M - Event with intensity missing

N- None No Dew Obs.
P- Precip. prevent obs.

May 2014	REMARKS FOR THE MONTH May - 2014
May-01	MORNING SHOWERS WHICH WERE THE LAST RAINFALL IN STORM - STORM TOTAL 4/28 - 5/1 WAS 3.49 INCHES OF PRECIP.
May-02	VARIABLE SKY TODAY BUT CLOUDY FROM 1015-1700-PM EST. TO BE 65% CLOUDY
May-03	MOSTLY CLOUDY IN AM AND PC FROM 1300-1630 THEN CLEAR AND PLEASANT TEMPERATURES
May-04	WAKED ALONG RIVER ROAD AND POLLEN AND OAK CATKINS BLOWN BY WIND WAS WORST I HAVE SEEN-MAX. WIND GUST 29 MPH-PM CUMULUS EST. 10-20%
May-05	PLANTED 29 TOMATO PLANTS TODAY
May-06	COOL START TO DAY WITH CLOUDS BUT ENDED UP PLEASANT AFTERNOON
May-07	HAZY SKY
May-08	MUCH WARMER-HOTTEST DAY OF 2014-CLEARING AT 0930
May-09	LATE PM SPRINKLES HARDLY ENOUGH TO WET SURFACES
May-10	3RD PD. OF PRECIP. 1520-1535, 4TH PD. 1745-1845, 5TH PD. 2215-2230
May-11	VERY PLEASANT MOTHER'S DAY
May-12	CLOUDS CAME IN AT 1215 BUT THEN CLEARED AFTER 1300 THEN CLOUDS AGAIN FROM 1630-1915
May-13	STORMS AROUND GLEN ALLEN STATION LOC. BUT MAINLY TO N & NE BUT ONLY TRACE OF RAIN HERE-HOTTEST DAY SINCE JULY 19 WHEN IT WAS ALSO 94°F
May-14	SOME MIST FELT BUT REGISTERED ONLY 1 ON PRECIP. SENSOR-SO LIGHT AND SHORT NO TIMES ARE GIVEN TO THE DRIZZLE
May-15	SLOW MOVING COLD FRONT APPROACHING-RAIN MOST OF DAY IN CHARLOTTESVILLE BUT DIDN'T START HERE UNTIL 1556
May-16	2.80 INS. OF RAIN FELL IN 15 HRS. & WAS HEAVIEST WITHIN 24 HR. PD. SINCE SEPT. 6 AND 7, 2011- DAY STARTED WITH RAIN AND CLEARING STARTED AT 1345 AND PM
May-17	AM WAS PC AND COOL FOR MAY - CUMULUS BECAME ALTOSTRATUS AT 1645
May-18	AM HAD CIRRUS CLOUDS EST. 50-60% AND PM WAS MAINLY CUMULUS CLOUDS EST. 30-40%
May-19	VERY HEAVY DEW-COOLEST 19TH SINCE 2009 WHEN IT WAS 41°F -VERY CLEAR DAY AND LOW HUMIDITY
May-20	AM SUN THROUGH CIRRUS 0700-1030 THEN ALTOCUMULUS AND ONLY FEW CLOUDS IN PM
May-21	MOSTLY CLEAR UNTIL 1330 THEN PC AND MUCH WARMER TODAY-3.2 EARTHQUAKE FELT AT 2147 TODAY-SOUND WAS HEARD MAIN ENERGY OF QUAKE CAME IN
May-22	HAIL BETWEEN 1643-1647 - AVERAGE DEPTH ON GROUND APPROX. 0.5 INS. OF HAIL-SIZE EST. AVERAGING 0.4-0.5 INS. LARGEST MEASURED WAS 0.7 INS.
May-23	AM WAS ABOUT 75% CLOUDY AND PM WAS EST. AT 40% CLOUDY WITH AVERAGE TEMPS. FOR SEASON
May-24	AM WAS VERY CLEAR AND PM WAS EST. TO BE 20-25% CLOUDY
May-25	EXTREMELY HEAVY DEW AND CLEAR AM-PM EST. 20% CLOUDY
May-26	
May-27	2ND HOTTEST DAY OF 2014-AM ABOUT 15-20% CLOUDY-PM EST. 75% CLOUDY-THUNDERSTORMS IN N. VA BUT NO THUNDER HERE
May-28	LONG PERIOD OF LIGHTNING DURING AN OTHERWISE TYPICAL THUNDERSTORM
May-29	5 PERIODS OF PRECIP. BET. 0400-1000 FOLLOWED BY PRECIP. 1010-1445 AND 1800-2315 - ALMOST ALL DRIZZLE
May-30	AM CLOUDY WITH OFF AND ON DRIZZLE - PM SHOWED SLOW CLEARING THAT BEGAN AFTER 1700-COOL FOR ALMOST BEGINNING OF JUNE
May-31	COOL BREEZY AND PLEASANT FOR END OF MAY
DATE	EXTENSION OF LENGTHY DAILY REMARKS
May-16	WAS PC RESULTING IN A BEAUTIFUL SPRING DAY
May-21	FIRST SHOCK WAVE-VERY SHALLOW QUAKE GIVEN A DEPTH OF 1 KILOMETER
May-22	AND SMALLEST HAIL STONES WERE PEA SIZED-VERY INTENSE HAIL FOR VERY SHORT TIME-DID MUCH DAMAGE TO TOMATOES, LETTICE AND FERNS (FIRST TIME IN MY LIFE I HAVE EXPERIENCED A HAIL STORM AFTER AN EARTHQUAKE)



1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19	
May	Week	TEMPERATURE °F				TEMPERATURE °F				SKY		PRECIPITATION			FROZ. PRECIP.		1st PERIOD																				
2015	Day	MAX.	Time	MIN.	Time	RANGE	MEAN	CHANGE	SOIL	AM	PM	Liquid	1 Hr.	5 Min.	NEW	GROUND	START	END																			
May-01	Fri	59	16:17	47	23:54	12.1	53.3	-6.8	60	2	2	0.27	0.06	0.01			0110	1330																			
May-02	Thu	74	16:45	46	1:30	27.7	59.8	6.5	58	0	2																										
May-03	Fri	81	15:12	45	6:24	36.0	63.3	3.6	59	0	0																										
May-04	Sat	84	14:56	52	3:19	31.8	68.3	5.0	61	0	0																										
May-05	Sun	86	16:43	62	6:19	23.9	73.7	5.4	63	0	0	0.29	0.29	0.07			1947	2250																			
May-06	Mon	84	15:55	61	5:43	23.8	72.5	-1.2	65	1	1																										
May-07	Tue	81	17:18	59	6:26	21.5	70.1	-2.5	66	1	1																										
May-08	Wed	83	17:08	58	4:17	25.3	70.3	0.2	66	0	0																										
May-09	Thu	83	17:14	65	0:57	18.3	74.0	3.7	67	2	1																										
May-10	Fri	84	16:24	66	5:41	17.7	75.3	1.3	68	1	1	T	T	T			0253	0258																			
May-11	Sat	80	17:15	66	4:01	13.5	73.2	-2.1	68	2	2	0.27	0.22	0.06			0925	1010																			
May-12	Sun	88	15:18	67	3:33	21.4	77.6	4.4	69	1	0																										
May-13	Mon	73	16:17	55	23:51	18.0	63.8	-13.8	69	0	0																										
May-14	Tue	70	16:25	48	6:25	22.0	59.0	-4.8	66	0	0																										
May-15	Wed	77	17:07	50	6:10	27.2	63.5	4.5	66	2	0																										
May-16	Thu	89	15:35	63	5:58	25.5	75.8	12.3	67	1	1	T	T	T			2012	2015																			
May-17	Fri	86	16:24	67	6:05	19.0	76.5	0.8	70	2	2	T	T	T			0833	0835																			
May-18	Sat	90	17:11	70	6:48	19.6	80.0	3.5	71	2	1	0.05	0.04	0.03			0138	0145																			
May-19	Sun	88	15:22	69	5:36	19.4	78.4	-1.6	72	2	1	0.09	0.09	0.05			1615	1630																			
May-20	Mon	77	15:02	60	23:58	17.7	68.5	-10.0	73	0	0																										
May-21	Tue	60	0:01	53	23:56	6.2	56.5	-12.0	70	2	2	0.61	0.17	0.03			0630	1610																			
May-22	Wed	75	16:18	47	6:26	28.1	60.7	4.2	66	0	0																										
May-23	Thu	76	16:40	51	6:07	25.0	63.0	2.3	66	0	0																										
May-24	Fri	83	15:41	54	6:11	28.8	68.3	5.3	67	0	0																										
May-25	Sat	84	16:11	64	6:26	19.4	74.0	5.7	69	0	0																										
May-26	Sun	85	14:44	65	6:00	20.4	75.0	1.0	69	0	1																										
May-27	Mon	88	16:26	71	5:36	16.7	79.8	4.8	71	0	2	T	T	T																							
May-28	Tue	89	14:40	70	5:08	19.0	79.0	-0.8	72	2	2	0.05	0.05	0.01			1630	1735																			
May-29	Wed	88	14:08	68	6:09	19.7	78.1	-0.9	73	1	2	0.74	0.70	0.26			1534	1810																			
May-30	Thu	87	15:42	66	5:25	20.9	76.9	-1.2	72	0	1																										
May-31	Fri	89	15:46	70	6:05	19.2	79.1	2.3	74	0	1	T	T	T			1423	1425																			
TOTAL		2519		1854		664.8	2186.6	19.1	2093	24	26	2.37	1.62	0.52	0.00	0.00	Col.26-27																				
NUM		31	31	31	31	31	31		31	31	31	8	8	8	0	0	DAILY AVE RH																				
AVE.		81.26	15:33	59.81	7:45	21.45	70.54		67.52	0.77	0.84	Ave. Tot.	Ave.Max	Ave.Max			68.5	Percent																			
Normals		78.92		58.01		20.91	68.47		66.68	1.06	1.13	4.25	0.85	0.25			70.6	Percent																			
Departures		2.34		1.80		0.54	2.07		0.84	-0.29	-0.29	-1.88	-0.15	0.01			-2.1	Percent																			
MAX. DATES	Dates	90		71		36	80.0	12.3	74.0	Whole Day		0.74	0.70	0.26			Precip	24Hr.																			
	1	May-18		May-27		May-03	May-18	May-16	May-31	AVE.	0.81	May-29	May-29	May-29			Amount	0.79																			
	2									Normal	1.17						Date	May 28																			
	3									Depart	-0.36						Date	May 29																			
MIN. DATES	Dates	59		45		6.2	53.3	-13.8	58.0	SKY		>= 0.10 INCHES		>= 1.00 INCHES		>= 2.00 INCHES																					
	1	May-01		May-03		May-21	May-01	May-13	May-02	CLEAR	16	13	5	DAYS	0	DAYS	0	DAYS																			
	2									P.CLO.	6	10	HOTTEST	80.0	Highest	Lowest	COOLEST	53.3																			
	3									CLO.	9	8	DAY	5-18	Mean	Mean	DAY	5-01																			
<=32 °F	0	<=32 °F	0	MAX.		>= 95	>= 90	>= 85	>= 80	>= 75	>= 70	>= 65	>= 60	>= 55	>= 50	>= 45	>= 40	>= 35																			
>=90 °F	1	>=70 °F	2			0	1	12	21	25	29	29	29	31	31	31	31	31																			

May 2015		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
2nd PERIOD	START	END	WIND			REL. HUMIDITY		BAROMETRIC PRESSURE				GLAZE	SLEET	SNOW	FOG	THUNDER	DEW	FROST		
			RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE									
May-01			63.5	21	10:46	97	65	29.99	29.79	29.89	0.14								P	
May-02			28.3	15	11:55	98	35	30.07	29.97	30.02	0.13								4	
May-03			19.6	12	12:46	97	24	30.18	30.07	30.13	0.11								4	
May-04			81.9	19	16:59	85	30	30.28	30.18	30.23	0.11								2	
May-05			89.4	20	19:32	95	38	30.30	30.17	30.24	0.00						1		1	
May-06			24.6	10	10:27	96	45	30.26	30.11	30.19	-0.05						1		P	
May-07			19.9	9	13:18	100	51	30.20	30.10	30.15	-0.04								5	
May-08			30.0	13	15:19	97	41	30.16	30.08	30.12	-0.03								4	
May-09			29.2	13	17:20	93	50	30.24	30.14	30.19	0.07								3	
May-10			36.1	17	17:02	97	51	30.21	30.10	30.16	-0.03								4	
May-11	1140	1250	27.6	12	9:02	99	48	30.12	29.96	30.04	-0.12								4	
May-12			92.3	22	15:23	94	35	30.02	29.88	29.95	-0.09								3	
May-13			89.0	18	13:05	73	35	30.34	29.97	30.16	0.21								1	
May-14			60.8	17	0:59	80	37	30.46	30.33	30.40	0.24								1	
May-15			75.3	18	14:50	82	51	30.36	30.19	30.28	-0.12								1	
May-16	2137	2144	99.6	18	17:45	89	47	30.23	30.10	30.17	-0.11								1	
May-17			48.3	14	1:00	89	53	30.23	30.13	30.18	0.02								N	
May-18	0240	0250	31.3	11	12:20	91	46	30.16	30.00	30.08	-0.10						1		N	
May-19	1700	1735	21.8	13	23:58	98	49	30.01	29.85	29.93	-0.15								P	
May-20			68.5	17	8:08	96	45	30.00	29.89	29.95	0.02								P	
May-21			61.4	14	15:27	100	71	30.00	29.88	29.94	-0.01								P	
May-22			31.8	13	16:04	98	31	30.24	29.98	30.11	0.17								4	
May-23			42.0	17	9:20	90	30	30.48	30.24	30.36	0.25								4	
May-24			79.2	17	13:44	90	39	30.42	30.27	30.35	-0.02								3	
May-25			110.3	22	14:13	80	41	30.33	30.21	30.27	-0.07								N	
May-26			110.6	20	11:22	87	57	30.28	30.16	30.22	-0.05								N	
May-27			111.9	21	12:10	90	51	30.20	30.11	30.16	-0.06								N	
May-28			43.4	13	2:25	93	50	30.21	30.14	30.18	0.02						1		2	
May-29			20.9	13	16:10	96	52	30.25	30.17	30.21	0.04						3		P	
May-30			66.5	17	14:30	98	48	30.22	30.06	30.14	-0.07								P	
May-31			97.3	20	15:01	87	48	30.10	29.97	30.04	-0.11								N	
TOTAL	Column 23		1812.3	496		2855	1394	936.55	932.20	934.38	0.29	0	0	0	0	5	18	0		
Number	Mar. Wind Run		31	31	31	31	31	31	31	31	31									
AVE.	Total	1812.3	58.5	16.0	12:58	92.1	45.0	30.21	30.07	30.14										
Normals	Miles	1543.0	54.5	18.8	Directions	84.4	43.5	30.09	29.95	30.02										
Departures	Miles	269.3	4.0	-2.8	Date Order	7.7	1.5	0.12	0.12	0.12										
MAXIMUM DATES	Dates		111.9 May-27	22 May-12 May-25	SW, SSW 15:23 14:13	100 May-07 May-21	71 May-21	30.48 May-23	30.33 May-14	30.40 May-14	0.25 May-23									
MINIMUM DATES	Dates		19.6 May-03	9 May-07		73 May-13	24 May-03	29.99 May-01	29.79 May-01	29.89 May-01	-0.15 May-19									
MINIMUM		≤ 80	≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35	≤ 32	≤ 30	≤ 25						
		31	31	29	20	14	11	6	0	0	0	0	0	0						

5. Very Heavy
 4. Heavy-Unusual
 3. Moderate - Ave.
 2. Light - < Ave.
 1. Very Light - Slight - Trace
 M - Event with intensity missing
 P- Precip. prevent obs.
 N- None No Dew Obs.

May 2015	REMARKS FOR THE MONTH May - 2015
May-01	MOST OF THE RAIN WAS OVER BY 1130 JUST SPRINKLES TO 1330-COOL DAY FOR MAY
May-02	CUMULUS CLOUDS CAME IN AT 1145 AND MOSTLY CLOUDY FOR REST OF DAY
May-03	CUMULUS CLOUDS CAME IN ABOUT 1215 BUT WERE SCATTERED-PM EST. TO BE 25-30% CLOUDY
May-04	CUMULUS CLOUDS AGAIN CAME IN AT 1300 BUT WERE MORE SCATTERED THAN YESTERDAY-PM EST. 15-20% CLOUDY
May-05	ONE THUNDER AT 2129, 2ND. 2135 AND 3RD 2138-CUMULUS CLOUDS DID NOT COME IN UNTIL 1630
May-06	A POPUP THUNDERSTORM FORMED OVER NW SECTION OF HENRICO & MOVED SOUTH PASSING JUST W OF US-THUNDER HEARD BUT NO RAIN HERE-
May-07	VERY HEAVY DEW IN AM AS FOG WAS JUST TO WEST AND FORMED OVERNIGHT WHERE IT HAD RAINED YESTERDAY EVENING
May-08	A FEW CIRRUS AND CUMULUS BUT NOT ENOUGH TO CALL IT PARTLY CLOUDY-SUBTROPICAL STORM ALMOST STATIONARY OFF SE COAST
May-09	AM WAS MOSTLY CLOUDY-CLOUDS BECAME SCATTERED AT 1330 AND IT WAS ALMOST CLEAR AFTER 1800
May-10	BOTH AM AND PM WERE ON THE HIGH END OF BEING PC-ABOUT 50-60% CLOUDY
May-11	3RD PD. OF PRECIP. STARTED AS A HARD SHOWER AT 1350 AND LASTED TO 1520-HIGHEST DEW POINT OF YEAR SO FAR 73.8°F AT 1539-MOSTLY CLO. AFTER 1530
May-12	SKY CLEARED AT ABOUT 0930
May-13	A BEAUTIFUL DAY IN GLEN ALLEN-MOSTLY CLEAR WITH A COOL BREEZE AND LOW REL. HUMIDITY-LOWEST DEW POINT TODAY WAS 42.1°F
May-14	ANOTHER BEAUTIFUL DAY IN GLEN ALL AND A VERY COOL AM
May-15	CLOUDS CLEARED AROUND NOON COMPLETELY THEN CIRRUS CAME BACK AROUND 1715
May-16	CIRRUS CLOUDS MOST OF DAY BUT THEY WERE THIN-VERY DRY-STARTED IRRIGATING LAWN TODAY
May-17	HONEYSUCKLE NOW IN BLOOM-WARM AND HUMID DAY
May-18	3 SPRINKLES SINCE MIDNIGHT-3RD SPRINKLE WAS 0445-0450-ONE THUNDER AT 2035, 4TH PD. THUNDERSHOWER 2152-2205, 5TH PD. SPRINKLE 2345-2355
May-19	HARDEST SHOWER OCCURED JUST BEFORE MIDNIGHT BET. 2345-2358
May-20	VERY PLEASANT DAY
May-21	ALL DAY RAIN AND VERY COOL FOR LAST 1/3 OF MAY
May-22	NO CLOUDS OBSERVED TODAY
May-23	ONLY A FEW CIRRUS TODAY BET. 1030-1130-A BEAUTIFUL DAY
May-24	A BEAUTIFUL SPRING DAY WITH A FEW FAIR WEATHER PM CUMULUS
May-25	BREEZY AM-NO DEW
May-26	BREEZY AM-NO DEW
May-27	CLOUDS CAME IN AROUND NOON
May-28	AM A COMPLETE COVERING OF CIRRUS BUT THIN-ONE THUNDER HEARD AT 1620 WITH A FEW DROPS OF RAIN AT 1629 & 1646 & 1650 - HARDLY DISCERNIBLE
May-29	PM THUNDERSTORM BET. 1534-1810 GAVE THE 2ND GOOD RAIN OF MONTH WITH LITTLE WIND AND LITTLE BELOW AVE. WITH LIGHTNING
May-30	AM STARTED OUT VERY CLEAR AND THEN FAIR WEATHER CUMULUS FORMED STARTING AROUND 1000 AND SCATTERED PM CUMULUS
May-31	AM BREEZE THUS NO MORNING DEW- JUST A FEW SPRINKLES OF RAIN AT 1423
DATE	EXTENSION OF LENGTHY DAILY REMARKS
May-06	2 PEOPLE HIT BY LIGHTNING AT POCOHONTAS MIDDLE SCHOOL FROM THE THUNDER CELL THAT PASSED TO OUR WEST

PAGE #1																			
May 2016 West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz																			
1 May 2016	2 Week Day	3 TEMPERATURE °F				4 TEMPERATURE °F				5 SKY		6 PRECIPITATION			7 FROZ. PRECIP.		8 1st PERIOD		
		MAX.	Time	MIN.	Time	RANGE	MEAN	CHANGE	SOIL	AM	PM	Liquid	1 Hr.	5 Min.	NEW	GROUND	START	END	
May-01	Sun	64.3	18:15	52.6	5:48	11.7	58.5	0.6	61	2	2	0.94	0.30	0.08			0114	0128	
May-02	Mon	85.8	15:34	62.2	5:02	23.6	74.0	15.6	62	2	0	0.69	0.23	0.05			0005	0355	
May-03	Tue	77.7	16:57	58.7	21:54	19.0	68.2	-5.8	66	2	2	0.54	0.21	0.03			0001	0625	
May-04	Wed	70.2	14:22	56.7	23:42	13.5	63.5	-4.8	66	2	2	0.44	0.44	0.16			0055	0205	
May-05	Thu	56.7	0:01	51.5	23:56	5.2	54.1	-9.4	65	2	2	0.15	0.07	0.01			0035	0112	
May-06	Fri	60.2	12:52	51.4	0:05	8.8	55.8	1.7	62	2	2	1.01	0.15	0.02			0001	1240	
May-07	Sat	69.7	17:13	46.5	4:41	23.2	58.1	2.3	61	2	1	T	T	T			1315	1350	
May-08	Sun	78.4	11:21	53.6	4:29	24.8	66.0	7.9	63	1	2								
May-09	Mon	76.1	15:47	53.2	5:09	22.9	64.7	-1.3	65	2	2								
May-10	Tue	67.0	17:36	56.6	6:30	10.4	61.8	-2.9	65	2	2	0.03	0.01	0.01			0355	1010	
May-11	Wed	65.7	15:14	57.9	6:38	7.8	61.8	0.0	65	2	2	0.01	0.01	T			0245	0315	
May-12	Thu	70.0	16:40	59.3	5:31	10.7	64.7	2.9	64	2	2	0.01	0.01	T			0058	0120	
May-13	Fri	78.6	17:40	60.8	23:57	17.8	69.7	5.0	65	2	2	0.05	0.05	0.01			1210	1425	
May-14	Sat	80.3	15:02	53.9	6:26	26.4	67.1	-2.6	65	0	1	0.11	0.07	0.01			1548	1800	
May-15	Sun	65.1	15:23	43.4	5:31	21.7	54.3	-12.9	64	1	1								
May-16	Mon	69.0	16:29	40.6	4:33	28.4	54.8	0.5	63	2	0								
May-17	Tue	59.3	7:41	54.2	23:41	5.1	56.8	2.0	65	2	2	1.06	0.52	0.05			0743	2150	
May-18	Wed	64.4	16:12	53.2	2:16	11.2	58.8	2.1	63	2	2								
May-19	Thu	70.6	17:47	54.2	23:57	16.4	62.4	3.6	64	2	2								
May-20	Fri	75.9	14:55	48.5	6:02	27.4	62.2	-0.2	63	0	2								
May-21	Sat	64.1	0:01	56.1	23:54	8.0	60.1	-2.1	65	2	2	1.23	0.61	0.17			0025	0035	
May-22	Sun	62.8	13:18	53.5	21:29	9.3	58.2	-2.0	64	2	2	0.20	0.05	0.01			0755	0840	
May-23	Mon	70.3	17:11	53.7	0:01	16.6	62.0	3.9	63	2	2	0.60	0.20	0.03			0020	1128	
May-24	Tue	83.3	16:01	53.2	3:40	30.1	68.3	6.3	63	0	1	T	T	T			0525	0530	
May-25	Wed	86.8	17:01	56.0	6:09	30.8	71.4	3.2	66	0	1								
May-26	Thu	90.0	15:32	60.9	4:01	29.1	75.5	4.1	68	0	1								
May-27	Fri	89.1	15:14	70.0	6:26	19.1	79.6	4.1	70	0	0								
May-28	Sat	87.9	13:57	65.7	6:07	22.2	76.8	-2.7	71	0	0								
May-29	Sun	83.9	12:04	65.2	6:31	18.7	74.6	-2.3	71	1	2	1.47	0.89	0.17			1410	2010	
May-30	Mon	78.4	14:57	66.2	6:20	12.2	72.3	-2.3	71	2	2	0.01	0.01	T			1039	1044	
May-31	Tue	85.6	17:10	66.0	3:19	19.6	75.8	3.5	71	2	1								
TOTAL		2287		1736		551.7	2011.4	18.0	2020	45	47	8.55	3.83	0.81	0.00	0.00	Col.26-27		
NUMBER		31	31	31	31	31	31	31	31	31	31	17	17	14	0	0	DAILY AVE RH		
AVERAGE		73.78	14:22	55.98	9:36	17.80	64.88		65.16	1.45	1.52	Ave. Tot.	Ave.Max	Ave.Max			75.8	Percent	
NORMALS		79.33		57.98		20.59	68.28		66.59	1.15	1.19	4.56	0.84	0.24	0.0	0.0	71.4	Percent	
DEPARTURES		-5.55		-2.00		-2.79	-3.4		-1.43	0.31	0.33	4.00	0.05	-0.07			4.4	Percent	
Max ≥70°F	Dates	90		70		30.8	79.6	15.6	71.0	Whole Day		1.47	0.89	0.17			Precip	24 Hr.	
20 DAYS	1	May-26		May-27		May-25	May-27	May-02	May-28	AVERAGE 1.48		May-29	May-29	May-21			Amount	1.48	
Departure	2								May-29	Normal 1.27				May-29			Date	May 29	
	3								May-30	Depart 0.22							Date	May 30	
MINIMUM	Dates	57		41		5.1	54.1	-12.9	61.0	SKY			≥= 0.10	INCHES	≥= 1.00	INCHES	≥= 2.00	INCHES	
MIN >60°F	1	May-05		May-16		May-17	May-05	May-15	May-01	CLEAR	7	4	12 DAYS		4 DAYS		0 DAYS		
8	2								May-07	PT. CLO.	3	7	HOTTEST 79.6		Highest	Lowest	COOLEST 54.1		
DAYS	3									CLOUDY	21	20	DAY 5-27		Mean	Mean	DAY 5-05		
Departure		≤32 °F	0	≤32 °F	0	MAX.	≥ 95	≥ 90	≥ 85	≥ 80	≥ 75	≥ 70	≥ 65	≥ 60	≥ 55	≥ 50	≥ 45	≥ 40	≥ 35
8.0		≥90 °F	1	≥90 °F	1	DAYS	0	1	6	9	15	20	24	29	31	31	31	31	31

		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
May 2016	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE												
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG	R	DEW	FROST		
May-01	0310	0630	15.1	13	0:42	100	85	30.18	29.97	30.08	-0.08							P		
May-02	2045	2400	44.6	27	17:17	99	46	30.03	29.83	29.93	-0.15					3		P		
May-03	1755	1840	36.1	28	17:33	100	58	29.90	29.69	29.80	-0.13					1		P		
May-04	0540	0545	36.8	19	15:13	98	66	29.78	29.60	29.69	-0.11					1		P		
May-05	0455	0500	74.7	17	18:17	100	83	29.69	29.60	29.65	-0.04							P		
May-06	1355	1840	50.1	17	17:26	98	79	29.79	29.65	29.72	0.07							P		
May-07	1845	1900	17.9	10	9:18	99	52	29.83	29.73	29.78	0.06							3		
May-08			48.3	20	11:49	96	33	30.03	29.68	29.86	0.07							4		
May-09			26.8	13	8:57	84	38	30.11	30.02	30.07	0.21							N		
May-10	2145	2245	33.6	11	5:49	94	78	30.25	30.10	30.18	0.11							P		
May-11	0645	0705	21.7	10	11:18	98	88	30.19	30.12	30.16	-0.02			2				P		
May-12	0235	0240	12.0	7	19:33	100	78	30.16	30.00	30.08	-0.08							P		
May-13			45.0	16	9:36	97	56	30.00	29.83	29.92	-0.16							2		
May-14			57.6	25	14:48	99	34	29.90	29.70	29.80	-0.12							5		
May-15			47.0	19	13:02	82	30	30.13	29.86	30.00	0.20							4		
May-16			23.2	15	15:42	90	29	30.28	30.13	30.21	0.21							3		
May-17			29.1	11	18:36	96	62	30.24	30.15	30.20	-0.01							1		
May-18			58.2	13	9:24	97	71	30.16	30.05	30.11	-0.09							P		
May-19			45.1	12	12:39	94	52	30.21	30.08	30.15	0.04							2		
May-20			34.8	15	16:38	99	37	30.28	30.14	30.21	0.07							5		
May-21	0150	1500	77.0	16	6:25	100	57	30.14	29.87	30.01	-0.20							P		
May-22	0940	1042	74.4	17	15:19	97	77	29.91	29.83	29.87	-0.14							P		
May-23	1325	1328	54.8	18	4:58	100	60	30.00	29.87	29.94	0.07							P		
May-24			16.0	16	17:52	99	35	30.10	29.97	30.04	0.10							3		
May-25			27.5	19	15:10	96	33	30.20	30.10	30.15	0.11							4		
May-26			55.0	18	16:37	90	34	30.15	30.02	30.09	-0.06							3		
May-27			88.6	20	15:57	85	48	30.13	30.04	30.09	0.00							N		
May-28			48.5	16	0:25	83	40	30.19	30.11	30.15	0.06							1		
May-29	2135	2210	26.5	14	19:33	97	53	30.16	30.04	30.10	-0.05							3		
May-30	1130	1415	8.8	11	18:18	98	79	30.05	29.95	30.00	-0.10				2			P		
May-31			20.1	11	14:26	99	66	30.01	29.93	29.97	-0.03					3		5		
TOTAL NUMBER AVERAGE NORMALS DEPARTURES	Column 23		1254.9	494		2964	1737	932.18	927.66	929.92	TOTAL	0	0	0	3	3	15	0		
	Mar. Wind Run		31	31	31	31	31	31	31	31	NORMAL	0.0	0.0	0.0	3.6	5.8	17.4	0.1		
	Total		1254.9	40.5	15.9	13:10	95.6	56.0	30.07	29.92	30.00	DEPART.	0.0	0.0	0.0	-0.6	-2.8	-2.4	-0.1	
	Miles		1540.7	49.7	18.2		93.8	49.1	30.10	29.96	30.03	DAYS OF								
Miles		-285.8	-9.2	-2.2		1.8	7.0	-0.03	-0.03	-0.03										
MAXIMUM DATES		Dates	88.6 May-27	28 May-03	South 17:33	100 May-01	88 May-11	30.28 May-16	30.15 May-17	30.21 May-20	0.21 May-9	5. Very Heavy 4. Heavy-Unusual 3. Moderate - Ave. 2. Light - < Ave. 1. Very Light - Slight - Trace M - Event with intensity missing P- Precip. prevent obs.								
MINIMUM DATES		Dates	8.8 May-30	7 May-12		82 May-15	29 May-16	29.69 May-05	29.60 May-04	29.65 May-05	-0.20 May-21									
MIN. DAYS			≤ 80 31	≤ 75 31	≤ 70 31	≤ 65 27	≤ 60 23	≤ 55 16	≤ 50 4	≤ 45 2	≤ 40 0	≤ 35 0	≤ 32 0	≤ 30 0	≤ 25 0					

PAGE #3	West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz
39 May 2016	40 REMARKS FOR THE MONTH May - 2016
May-01	3RD PD. OF PRECIP. 0705-1340
May-02	THUNDERSTORM WITH THUNDER FORM 0030-0115-CLOUDY UNTIL 1145 THEN FAIR WEATHER CUMULUS IN PM ABOUT 20-30% CLOUDY
May-03	SPRINKLES BET. 0630-0950 THEN THUNDERSTORM FROM 1755-1840- 3RD PD. OF PRECIP. FROM 2325-2355-ANOTHER CLOUDY DAY BUT LESS HUMID
May-04	2 THUNDERS HEARD BUT DISTANT AROUND 1500 THEN A STRIKE NEAR GLEN ALLEN STATION AROUND 1532-1535-3RD PD. OF PRECIP. 0920-0940 FOLLOWED BY 2 SPRINKLES-TS BET. 1500-1605
May-05	A VERY DAMP, CLOUDY, DRIZZLY DAY AND COOL FOR MAY-3RD PD. OF PRECIP. 1015-1235, 4TH PD. 1925-2400
May-06	AN ALL DAY RAIN AND VERY WET PERIOD-THIS IS 11TH DAY WITH AT LEAST A TRACE OF RAIN
May-07	RAINFALL YESTERDAY MADE IT HARD TO DETERMINE DEW AMT.-CLEARED OFF AT 1400 AND WAS CLEAR TO 1810 THEN BECAME CLOUDY AGAIN
May-08	HAZY SKY-SOME CLEARING IN AM BUT A CLOUDY PM-PLANTED TOMATOES IN SHENANDOAH VALLEY
May-09	RAIN IN NW VA IN AM BUT NO RAIN IN RICHMOND
May-10	THUNDER TWICE AROUND 2200-CLOUDY, COOL DAMP DAY WITH EAST AND NE BREEZE-PLANTED TOMATOES THE LATEST ON MY RECORDS AS IT HAS BEEN TOO WET
May-11	VERY LIGHT SPRINKLE AT 0855 AND HEAVIER SPRINKLES FROM 1135-1335-COOL, DAMP CLOUDY DAY- MIN. REL. HUMIDITY WAS A HIGH 88%
May-12	NO RAIN DURING DAYLIGHT HOURS BUT STILL CLOUDY DAMP AND COOL FOR MAY
May-13	ONLY DEW ON GRASS-CLEARING STARTED AT 1530 AND CLEAR BY 1800-PM EST. 70-80% CLOUDY
May-14	SUNNIEST AM OF MONTH-ONLY CIRRUS MAINLY TO NORTH-COLD FRONT PASSED AROUND 1600
May-15	CLOUDS STARTED IN AT 0915 AND MANY CLOUDY BY 1030 THEN PM WAS PC UNTIL 1815-VERY CHILLY DAY FOR MID-MAY
May-16	CLEARING STARTED AT 0930 AND CLEAR BY 1115-VERY CLEAR FROM NOON TO 1730-AM 70-80% CLOUDY
May-17	CLOUDY ALL DAY BUT NO RAIN AND COOL FOR MAY
May-18	A LITTLE WARMER TODAY BUT STILL BELOW AVERAGE TEMP.
May-19	CLEARING STARTED AROUND NOON AND PM WAS ABOUT 65-70% CLOUDY-DEW ONLY ON GRASS
May-20	GUTTATION ADDED TO DEW AS GROUND WAS WET & THE GRASS WAS MUCH WETTER THAN OTHER OBJECTS. CLOUDS CAME IN AROUND 1115 AS CUMULUS BUT AT NOON CIRRUS & COVERED MOST OF SKY IN PM
May-21	RAINY CLOUDY AND COOL DAY FOR MAY WHICH IS ALREADY WETTEST MAY ON RECORD AT THIS STATION
May-22	3RD PD. OF SPRINKLES 1340-1508-ANOTHER CLOUDY AND COOL DAY FOR LAST 1/3 OF MAY-4TH PD. OF PRECIP. 1925-2400
May-23	3RD PD. OF SPRINKLES 1445-1530, 4TH PD. OF SPRINKLES 2010-2150
May-24	HARD TO TELL HOW HEAVY DEW WAS BECAUSE OF RAIN-PRECIP. TRACE WAS ONLY 2 ON RAIN SENSOR-CUMULUS IN PM EST. 35-45% CLOUDY
May-25	CLEAR IN AM BUT THIN PM CIRRUS AND WARMEST DAY OF MAY SO FAR
May-26	VERY THIN CIRRUS IN AM BUT THICKER AND MORE COVERAGE IN PM
May-27	BRISK SW BREEZE KEPT DEW FROM FORMING-PM CUMULUS SCATTERED FROM 1340-1800 BUT ONLY ABOUT 20% COVERAGE
May-28	VERY CLEAR AM THEN CUMULUS STARTED IN AT 1240 BUT WAS SCATTERED THEN CLEAR AGAIN AFTER 1500-NICE SPRING DAY
May-29	MOST RAIN TODAY SINCE 12/23/2015 WHEN 1.67 INS. FELL-NO THUNDER WITH RAIN
May-30	SOME FOG TODAY BET. 0815-0845-IT WAS DISCOVERED THAN GLEN ALLEN HAD ONE OF HIGHEST RAIN TOTALS IN VA YESTERDAY
May-31	MODERATE AM FOG THAT CLEARED AROUND 0830
DATE	EXTENSION OF LENGTHY DAILY REMARKS
May-04	<p>SOME CLEARING STARTED AT 1430 BUT RAIN BY 1500-PM EST. ABOUT 75-80% CLOUDY</p> <p>This was the wettest May on record at Glen Allen. (Records since August 2008) The total precipitation for May was 8.55 inches the wettest month since November 2009 when 10.74 inches was recorded. Richmond had a total of 9.37 inches of precipitation for May making the wettest May on record in 143 years.</p> <p>The link below explains how observations are taken at the Glen Allen Weather Station - Note the Numbers match the column numbers on the Observation Sheet www.glenallenweather.com/upload/glenallencclimate/log/2016/2016 Obs Rules.pdf</p>

DAILY RECORDS FOR THE MONTH

41
May
2016

The Glen Allen Station had 31 Records or Record Ties in May 2016

Days	The Glen Allen Station Had Records or Record Ties in MAY 2016
1	The daily precipitation on the 1st was 0.94 inches a new 6 year HIGH daily precipitation record for the date - the old record was 0.27 inches in 2015. The daily temperature range on the 1st was 10.4°F, a new 6 year LOW daily temperature range record for the date - the old record was 12.1°F in 2015.
2	The daily precipitation on the 2nd was 0.69 inches a new 6 year HIGH daily precipitation record for the date - the old record was 0.34 inches in 2009.
3	The daily precipitation on the 3rd was 0.54 inches a new 6 year HIGH daily precipitation record for the date - the old record was 0.45 inches in 2009.
4	The daily temperature range on the 4th was 13.5°F, a new 6 year LOW daily temperature range record for the date - the old record was 19°F in 2010.
5	The maximum temperature on the 5th was 56.7°F, a new 6 year cool daily maximum temperature record for the date - the old record was 58°F in 2009.
6	The daily precipitation on the 6th was 1.01 inches a new 6 year HIGH daily precipitation record for the date - the old record was 0.42 inches in 2009. The daily temperature range on the 6th was 8.8°F, a new 6 year LOW daily temperature range record for the date - the old record was 13°F in 2012 and 2009. The maximum temperature on the 6th was 60.2°F, a new 6 year cool daily maximum temperature record for the date - the old record was 68°F in 2013.
7	The maximum temperature on the 7th was 69.7°F, a new 6 year cool daily maximum temperature record for the date - the old record was 74°F in 2013 and 2012.
8	The minimum temperature on the 8th was 53.6°F a new 6 year LOW daily minimum temperature record for the date - the old record was 55°F in 2013 and 2011.
9	
10	The maximum temperature on the 10th was 67°F, and EQUALED the 6 year LOW daily maximum temperature record for the date - the old record was set in °F in 2010. The daily temperature range on the 10th was 10.4°F, a new 6 year LOW daily temperature range record for the date - the old record was 15°F in 2014.
11	The daily temperature range on the 11th was 7.8°F, a new 6 year LOW daily temperature range record for the date - the old record was 10°F in 2009.
12	The maximum temperature on the 12th was 70°F, a new 6 year cool daily maximum temperature record for the date - the old record was 71°F in 2013. The daily temperature range on the 12th was 10.7°F, a new 6 year LOW daily temperature range record for the date - the old record was 19°F in 2011.
13	
14	
15	The minimum temperature on the 15th was 43.4°F a new 6 year LOW daily minimum temperature record for the date - the old record was 49.9°F in 2015. The maximum temperature on the 15th was 65.1°F, a new 6 year cool daily maximum temperature record for the date - the old record was 77°F in 2011.
16	The minimum temperature on the 16th was 40.6°F a new 6 year LOW daily minimum temperature record for the date - the old record was 56°F in 2014. The maximum temperature on the 16th was 69°F, a new 6 year cool daily maximum temperature record for the date - the old record was 75°F in 2014. The daily temperature range on the 16th was 28.4°F a new 6 year HIGH daily temperature range record for the date - the old record was 25.5°F in 2015.
17	The daily temperature range on the 17th was 2.4°F, a new 6 year LOW daily temperature range record for the date - the old record was 9°F in 2010. The maximum temperature on the 17th was 59.3°F, a new 6 year cool daily maximum temperature record for the date - the old record was 62°F in 2010.
18	
19	
20	The maximum temperature on the 20th was 75.9°F, a new 6 year cool daily maximum temperature record for the date - the old record was 76°F in 2011.
21	The daily precipitation on the 21st was 1.23 inches a new 6 year HIGH daily precipitation record for the date - the old record was 0.61 inches in 2015.
22	The maximum temperature on the 22nd was 62.8°F, a new 6 year cool daily maximum temperature record for the date - the old record was 74.7°F in 2015. The daily temperature range on the 22nd was 9.3°F, a new 6 year LOW daily temperature range record for the date - the old record was 14°F in 2010.
23	The daily precipitation on the 23rd was 0.60 inches a new 6 year HIGH daily precipitation record for the date - the old record was 0.52 inches in 2013. The maximum temperature on the 23rd was 70.3°F, a new 6 year cool daily maximum temperature record for the date - the old record was 75.5°F in 2015.
24	The daily temperature range on the 24th was 30.1°F a new 6 year HIGH daily temperature range record for the date - the old record was 28.8°F in 2015.
25	
26	
27	
28	
29	The daily precipitation on the 29th was 1.47 inches a new 6 year HIGH daily precipitation record for the date - the old record was 0.74 inches in 2015.
30	
31	

PAGE #1 May 2017 West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz

May 2017		TEMPERATURE °F		TEMPERATURE °F				SKY		PRECIPITATION			FROZ. PRECIP.		1st PERIOD			
May 2017	Week Day	MAX.	Time	MIN.	Time	RANGE	MEAN	CHANGE	SOIL	AM	PM	Liquid	1 Hr.	5 Min.	NEW	GROUND	START	END
May-01	Mon	83.5	15:29	70.2	23:56	13.3	76.9	-2.8	71	2	2	0.11	0.08	0.02			2033	2100
May-02	Tue	77.5	17:09	58.1	23:59	19.4	67.8	-9.1	70	0	0	0.02	0.02	0.01			0001	0045
May-03	Wed	74.5	14:17	49.7	6:39	24.8	62.1	-5.7	68	0	0							
May-04	Thu	70.6	15:41	46.4	5:42	24.2	58.5	-3.6	60	1	2	0.21	0.13	0.02			1748	2020
May-05	Fri	75.3	13:35	60.1	0:01	15.2	67.7	9.2	66	2	2	1.39	0.80	0.25			0001	0045
May-06	Sat	65.9	11:46	47.3	22:44	18.6	56.6	-11.1	66	2	2	0.03	0.02	0.02			0800	0935
May-07	Sun	65.0	13:57	43.5	6:08	21.5	54.3	-2.4	63	2	2	0.02	0.02	0.02				
May-08	Mon	66.5	16:31	40.5	6:09	26.0	53.5	-0.8	63	0	1							
May-09	Tue	71.1	16:23	38.0	6:27	33.1	54.6	1.1	62	0	0							
May-10	Wed	77.5	15:48	46.6	6:17	30.9	62.1	7.5	63	2	1							
May-11	Thu	65.5	0:02	52.2	23:47	13.3	58.9	-3.2	66	2	2	0.22	0.11	0.02			0007	0130
May-12	Fri	53.5	15:40	50.1	21:29	3.4	51.8	-7.1	64	2	2	0.98	0.16	0.03			0001	0025
May-13	Sat	65.1	16:46	48.5	23:59	16.6	56.8	5.0	61	2	2	0.34	0.17	0.02			0001	0825
May-14	Sun	82.3	16:37	44.7	5:27	37.6	63.5	6.7	60	0	0							
May-15	Mon	80.1	16:34	55.3	6:52	24.8	67.7	4.2	64	0	0							
May-16	Tue	82.6	17:02	47.0	6:15	35.6	64.8	-2.9	65	0	0							
May-17	Wed	93.7	15:09	62.2	6:13	31.5	78.0	13.2	66	0	0							
May-18	Thu	88.0	16:57	70.0	7:04	18.0	79.0	1.1	69	1	0							
May-19	Fri	91.3	14:06	72.1	6:22	19.2	81.7	2.7	71	0	0							
May-20	Sat	81.1	10:49	62.3	23:47	18.8	71.7	-10.0	72	1	0	T	T	T			0545	0550
May-21	Sun	71.3	13:04	56.4	5:13	14.9	63.9	-7.8	70	2	2							
May-22	Mon	73.0	17:59	60.2	6:24	12.8	66.6	2.8	69	2	2	0.14	0.09	0.02			0030	0315
May-23	Tue	66.9	13:38	59.3	23:17	7.6	63.1	-3.5	69	2	2	0.52	0.11	0.03			0500	0505
May-24	Wed	66.1	15:09	57.1	4:06	9.0	61.6	-1.5	67	2	2	0.46	0.23	0.06			0001	0605
May-25	Thu	77.1	15:06	59.0	0:02	18.1	68.1	6.5	66	2	1	0.57	0.31	0.13			0001	0630
May-26	Fri	80.7	16:33	58.0	6:09	22.7	69.4	1.3	67	0	0							
May-27	Sat	86.8	16:08	56.9	5:27	29.9	71.9	2.5	68	0	1	0.49	0.33	0.10			1736	1825
May-28	Sun	76.5	16:01	63.2	5:46	13.3	69.9	-2.0	70	2	2	0.33	0.18	0.06			1105	1255
May-29	Mon	85.9	15:31	66.4	6:25	19.5	76.2	6.3	70	1	1							
May-30	Tue	83.8	16:48	67.7	6:00	16.1	75.8	-0.4	73	2	2	T	T	T			1115	1155
May-31	Wed	83.8	17:12	64.6	23:54	19.2	74.2	-1.6	72	2	1							
TOTAL		2362.5		1733.6		628.9	2048.1	-5.5	2071	36	34	5.83	2.76	0.81	0.00	0.00	Col.26-27	
NUMBER		31	31	31	31	31	31	31	31	31	31	15	15	15	0	0	DAILY AVE RH	
AVERAGE		76.21	14:57	55.92	10:42	20.29	66.07		66.81	1.16	1.10	Ave. Tot.	Ave. Max	Ave. Max			74.6	Percent
NORMALS		78.57		57.98		20.59	68.28		66.59	1.15	1.19	0.84	0.84	0.24	0.0	0.0	71.4	Percent
DEPARTURES		-2.36		-2.06		-0.30	-2.2		0.21	0.02	-0.09	1.28	-0.04	0.01			3.2	Percent
Max. Temps. >= 70°F	94	High Max	72	High Min	37.6	81.7	13.2	73.0	Whole Day			1.39	0.80	0.25			Precip	24 Hr.
2017	23	May-17	91.3	May-19	71.0	May-14	May-19	May-17	May-30	AVERAGE	1.13	May-05	May-05	May-05			Amount	1.60
Ave.	26.7	Dep.	2.4	Dep.	1.1					Normal	1.27						Date	May 04
Departure	-3.7									Depart	-0.14						Date	May 05
Min. Temps. >70°F	54	Low Max	38	Low Min	3.4	51.8	-11.1	60.0	SKY			>= 0.10	INCHES	>= 1.00	INCHES	>= 2.00	INCHES	
2017	3	May-12	63.0	May-09	40.8	May-12	May-12	May-06	May-04	CLEAR	11	11	12	DAYS	1	DAYS	0	DAYS
Ave.	1.6	Dep.		Dep.						PT. CLO.	4	6	Hottest	81.7	Highest	Coollest	51.8	Lowest
Departure	1.4		-9.5		-2.8					CLOUDY	16	14	DAY	5-19	Mean	DAY	5-12	Mean
Days Max. <=32 °F	0			MAX.	>= 95	>= 90	>= 85	>= 80	>= 75	>= 70	>= 65	>= 60	>= 55	>= 50	>= 45	>= 40	>= 35	>= 30
Days Max. >=90°F	2			DAYS	0	2	5	13	19	23	30	30	30	30	31	31	31	31

PAGE #2																			
May 2017 West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz																			
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	
May 2017	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE				GLAZE	SLEET	SNOW	FOG	R	DEW	FROST	
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE								
May-01			182.3	34	15:33	87	59	30.02	29.69	29.86	-0.21					1	N		
May-02			132.1	26	15:28	95	32	29.87	29.65	29.76	-0.10						P		
May-03			60.8	21	12:10	85	35	30.18	29.87	30.03	0.27						3		
May-04	2115	2240	64.9	17	10:11	95	56	30.19	29.85	30.02	0.00						3		
May-05	0235	0900	103.3	22	15:33	99	76	29.85	29.36	29.61	-0.42						P		
May-06	1450	1620	95.5	24	3:23	96	60	29.66	29.36	29.51	-0.10						N		
May-07			35.5	17	13:56	96	46	29.91	29.66	29.79	0.28						P		
May-08			30.8	16	11:13	98	36	30.01	29.91	29.96	0.18						P		
May-09			36.5	16	18:19	98	31	30.04	29.91	29.98	0.02						4	1	
May-10			19.1	13	21:57	97	41	30.01	29.92	29.97	-0.01						4		
May-11	0850	1135	42.2	16	19:59	97	63	29.99	29.83	29.91	-0.06						P		
May-12	0515	2400	39.7	11	0:42	98	95	30.01	29.89	29.95	0.04			1			P		
May-13			69.9	16	18:04	99	69	29.89	29.78	29.84	-0.12						P		
May-14			43.6	20	15:42	100	43	29.85	29.70	29.78	-0.06						5		
May-15			72.0	18	2:35	76	25	30.02	29.74	29.88	0.11						N		
May-16			20.4	12	13:48	97	36	30.12	30.01	30.07	0.19						4		
May-17			70.3	19	15:33	90	37	30.07	29.98	30.03	-0.04						3		
May-18			129.8	23	16:38	77	55	30.08	29.95	30.02	-0.01						N		
May-19			86.0	23	16:59	84	54	30.03	29.92	29.98	-0.04						N		
May-20			65.7	17	11:31	93	59	30.27	29.99	30.13	0.15						2		
May-21			35.3	13	4:26	83	60	30.31	30.15	30.23	0.10						N		
May-22	0415	1415	9.1	6	13:18	96	77	30.15	29.93	30.04	-0.19						P		
May-23	0837	1150	50.2	13	4:32	98	88	29.97	29.70	29.84	-0.20			1			P		
May-24	2034	2400	60.9	16	21:56	99	88	29.74	29.61	29.68	-0.16						P		
May-25	1530	1630	89.3	26	15:20	99	54	29.60	29.44	29.52	-0.15					2	P		
May-26			62.1	17	7:00	93	47	29.92	29.60	29.76	0.24						P		
May-27	1835	2020	24.4	29	15:36	97	53	29.93	29.79	29.86	0.10					5	4		
May-28	2120	2335	13.3	10	8:47	99	82	29.89	29.78	29.84	-0.02			2			P		
May-29			17.1	12	12:29	98	54	30.01	29.78	29.90	0.06						P		
May-30			28.1	12	0:15	97	63	30.06	29.95	30.01	0.11						2		
May-31			16.2	12	18:27	97	41	30.05	29.96	30.01	0.00						3		
TOTAL	Column 23		1806.4	547		2913	1715	929.70	923.66	926.68	TOTAL	0	0	0	3	3	11	1	
NUMBER	Mar. Wind Run		31	31	31	31	31	31	31	31	NORMAL	0.0	0.0	0.0	3.6	5.8	17.4	0.1	
AVERAGE	Total		1806.4	58.3	17.6	12:37	94.0	55.3	29.99	29.80	29.89	DEPART.	0.0	0.0	0.0	-0.6	-2.8	-6.4	0.9
NORMALS	Miles		1697.1	49.7	18.2		93.8	49.1	30.10	29.96	30.03	Rating ▶	0	0	0	4	8	37	1
DEPARTURES	Miles		109.3	8.6	-0.5		0.1	6.3	-0.11	-0.16	-0.14	Intensity							
MAXIMUM DATES	Dates		182.3	34	South	100	95	30.31	30.15	30.23	0.28	GLAZE	SLEET	SNOW	FOG	R	Dew	Frost	
	1		May-01	May-01	15:33	May-14	May-12	May-21	May-21	May-21	May-07								
	2																		
	3																		
	4				Ave. Max.														
MINIMUM DATES	Dates		9.1	6	31.2	76	25	29.60	29.36	29.51	-0.42								
	1		May-22	May-22	Dep.	May-15	May-15	May-25	May-05	May-06	May-05								
	2				2.8				May-06										
Days Min. <=32 °F	0		MIN.	≤ 80	≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35	≤ 32	≤ 30	≤ 25			
Days Min >=70 °F	3		DAYS	31	31	30	26	22	13	11	4	1	0	0	0	0			

5. Very Heavy
4. Heavy-Unusual
3. Moderate - Ave.
2. Light - >= Ave.
1. Very Light - Slight - Trace
M - Event with intensity missing

N- None No Dew Obs.
P- Precip. prevent obs.

PAGE #3 39	West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz
May 2017	REMARKS FOR THE MONTH 40 May - 2017
May-01 May-02 May-03 May-04 May-05	NO DEW BECAUSE OF AM WIND-4 THUNDERS 2051, 2137, 2317, 2318-AM WAS ABOUT 80-90% CLOUDY AND PM 75-85% CLOUDY-HIGH WIND GUST 34 MPH FROM S VERY CLEAR COOL AND PLEASANT SPRING DAY WITH LOW REL. HUMIDITY FOR A CHANGE-MIN. DEW POINT 42.8°F AT 1946 BEAUTIFUL COOL SPRING DAY WITH LOW REL. HUMIDITY CIRRUS CAME IN AT 1115 THEN CUMULUS CAME IN FOLLOWED BY ALTOSTRATUS BY 1330-3RD PD. OF RAIN 2348-2400 3RD PD. OF SPRINKLES 1130-1135, 4TH PD. OF SPRINKLES 1405-1430 AND A TORNADO HIT IN DINWIDDIE CO. AS A EF1
May-06 May-07 May-08 May-09 May-10	NO DEW BECAUSE OF AM WIND- HEAVY STRATOCUMULUS TODAY - MAX. 24 HR. RAIN TOTAL WAS 1.60 INS. FROM 1415-1809 OF THE 5TH-3RD PD. OF PRECIP. 1705-1710 AND 4TH PD. 1820-1910 EST. OF #3 DEW BUT DIFFICULT BECAUSE OF LATE RAIN YESTERDAY-MOST OF AM WAS CLOUDY-PM WAS PC FROM NOON TO 1300-1500 & EST. TO BE 75-80% CLOUDY-3RD PD. OF SPRINKLES 1803-1830 BOTH 7TH AND 8TH HAD REC. LOW MAX. TEMPS. & REC. LOW MIN. TEMPS.-AM MOSTLY CLEAR, PM PC WITH CUMULUS TRACE OF FROST ON ROOFS BUT DIDN'T HURT ANY PLANTS - CIRRUS CLOUDS CAME IN AROUND 1700 AND THICK BY 1900 BUT VERY CLEAR AM & MOST OF DAY-WITH VERY LARGE TEMP. RANGE THIN AM CLOUDS WITH WEAK SUN-CLOUDS CAME IN AROUND 1900 AND WAS CLOUDY TO DARK
May-11 May-12 May-13 May-14 May-15	3RD PD. OF DRIZZLE 1510-2155 WITH INTERMITTENT DRIZZLE-4TH PD. OF DRIZZLE 2325-2400 RAIN CONTINUOUS FROM 0515-MIDNIGHT CLOUDY MOST OF DAY -RAIN ENDED EARLY HOWEVER SUNNY PLEASANT SPRING DAY-AM DEW WAS EXTREMELY HEAVY-TEMP. RANGE TODAY WAS VERY HIGH AT 37.6°F FROM MIDNIGHT TO SUNRISE WIND GUSTS UP TO 18MPH PREVENTED DEW & WIND SHIFTED TO N-A BEAUTIFUL SPRING DAY WITH LOW DEW POINT AT 37.2°F AT 0446
May-16 May-17 May-18 May-19 May-20	THESE PAST 2 SPRING DAYS HAVE BOTH SHOWN BEAUTIFUL WEATHER WITH LOW REL. HUMIDITY & CLEAR WITH A FEW CIRRUS IN SKY-TEMPS. NEAR AVERAGE VERY HOT DAY FOR MAY AND NEW REC. HIGH FOR DATE AT GLEN ALLEN-RICHMOND'S MAX. WAS 93°F TODAY WAS MORE HUMID BUT BREEZY-HIGH DEW POINT WAS 74.2°F AT 1518-SUMMERLIKE WEATHER IN MAY VERY CLEAR AM WITH PD. OF CLOUDS IN PM FROM 1430-1500 OTHERWISE A FEW SCATTERED CUMULUS TO 1945 THEN CLOUDY AFTER 1945 ABOUT A DOZEN DROPS OF RAIN ON SKY MIRROR WITH DEW FORMATION-CUMULUS CLOUDS FROM 1015-1145-PM MOSTLY CLEAR AND COLD FRONT PASSED AT 0900
May-21 May-22 May-23 May-24 May-25	NO SUN ALL DAY-CLOUDS MOSTLY ALTOSTRATUS-COLD FRONT NOW IN KY & WARM FRONT IN WV WITH COOL EASTERLY FLOW OVER VA ALL MORNING RAIN WITH LIGHT FOG-HEAVY RAIN PASSED TO S AND SE 3RD PD. OF RAIN FROM 1310-MIDNIGHT-RAIN MOST OF DAY BUT HARDEST BET. 1620-1700 & 2250-2310 3RD PD. OF PRECIP. 1810-1900-2 THUNDERSTORMS ONE WEAK AROUND 1600 AND STRONGER 2ND STORM AT 1830 WITH CLOSER LIGHTNING-AM WAS EST. 75% CLOUDY PM EST. 55-60% CLOUDY
May-26 May-27 May-28 May-29 May-30 May-31	RAIN ENDING YESTERDAY AT 1900 PREVENTED DEW EST.-SCATTERED CUMULUS AROUND NOON OTHERWISE MOSTLY CLEAR TS-WAS A 2-3-2 BUT THE 1.5 INCH HAIL WAS A REC.-HAIL FROM 1737-1740-STARTED AT 1/2 IN. HAIL & INCREASED TO 1 1/4-1 1/2 INS. AT 1738 THEN BACK TO 1/2 IN. AT 1539 & ENDED 1540-SEE REMARKS BELOW LIGHT AM FOG & MORNING SHOWER-ANOTHER NIGHT OF RAIN AFTER AN ALMOST TOTALLY CLOUDY DAY CLOUDY UNTIL 0900 THEN CLEAR TO 1215 FOLLOWED BY PC AND HUMID CONDITIONS WITH HIGH DEW POINT OF 73.4°F AT 1152 CLOUDY AM AND DEW WAS FROM GATATION-CLEARING STARTED AT 1545 BUT STILL PC AFTER 1600 AM WAS CLOUDY - CLEARING STARTED AROUND 1500 AND CLOUDS DECREASED TO DARK - PC SKIES WAS EST. TO BE 50% TO 60% CLOUDY-PM LITTLE HUMID CONDITIONS AROUND NOON
DATE	EXTENSION OF LENGTHY DAILY REMARKS
	<p>On the evening of May 27, 2017, a thunderstorm approached the Springfield Park area from the west southwest coming roughly down Route 64. At 5:36 PM Glen Allen had a wind gust to 29 mph that was followed by small hail that was approximately 0.5 inches in diameter and lasted for about one minute. At 5:38 PM large hail began to fall that was approximately 1.25 to 1.5 inches in diameter. Note the time on the radar capture image is 5:38 PM and you can see the area of hail at its maximum diameter here was bounded by Nuckols Road on the north, Springfield Road on the east, Broad Street on the south, and Innsbrook on the west. The hail made holes in the plastic gutter guards on our roof that needed to be replaced. The Springfield Park Glen Allen station is located at the center of this perimeter. This hail storm damaged many of the roofs of the neighborhood that had to be replaced. Some of the hailstones were flat like platelets about three quarters of an inch thick and they were even larger some upwards to 2 inches. This was the largest hail that the Glen Allen Station has recorded in its past 8 years of existence. See the following link for pictures. http://www.glenallenweather.com/historylinks/2017/may/2017-05-27_Hail.pdf</p> <p>The daily records for the month are listed on page # 4 and not found in the remarks.</p> <p>The link below explains how observations are taken at the Glen Allen Weather Station - Note the Numbers match the column numbers on the Observation Sheet www.glenallenweather.com/upload/glenallenclimate/log/2016/2016_Obs_Rules.pdf</p>

DAILY RECORDS FOR THE MONTH

41

May
2017

The Glen Allen Station had 26 Records or Record Ties in May 2017

1	The minimum temperature on the 1st was 70.2°F, a new 8-year warm daily minimum temperature record for the date - the old record was 65°F in 2014.
2	
3	
4	
5	The daily precipitation on the 5th was 1.39 inches, a new 8-year HIGH daily precipitation record for the date - the old record was 1.03 inches in 2009.
6	
7	The minimum temperature on the 7th was 43.5°F, a new 8-year LOW daily minimum temperature record for the date - the old record was 46°F in 2011. The maximum temperature on the 7th was 66°F, a new 8-year cold daily maximum temperature record for the date - the old record was 69.7°F in 2016.
8	The minimum temperature on the 8th was 40.5°F, a new 8-year LOW daily minimum temperature record for the date - the old record was 53.6°F in 2016. The maximum temperature on the 8th was 66.5°F, a new 8-year cold daily maximum temperature record for the date - the old record was 68°F in 2013.
9	The minimum temperature on the 9th was 38°F, a new 8-year LOW daily minimum temperature record for the date - the old record was 47°F in 2010. The daily temperature range on the 9th was 33.1°F, a new 8-year HIGH daily temperature range record for the date - the old record was 29°F in 2014.
10	
11	
12	The daily precipitation on the 12th was 0.98 inches, a new 8-year HIGH daily precipitation record for the date - the old record was 0.39 inches in 2010. The maximum temperature on the 12th was 53.5°F, a new 8-year cold daily maximum temperature record for the date - the old record was 70°F in 2016. The daily temperature range on the 12th was 3.4°F, a new 8-year LOW daily temperature range record for the date - the old record was 10.7°F in 2016.
13	The daily precipitation on the 13th was 0.34 inches, a new 8-year HIGH daily precipitation record for the date - the old record was 0.23 inches in 2011.
14	The daily temperature range on the 14th was 37.6°F, a new 8-year HIGH daily temperature range record for the date - the old record was 33°F in 2013.
15	
16	The daily temperature range on the 16th was 35.6°F, a new 8-year HIGH daily temperature range record for the date - the old record was 28.4°F in 2016.
17	The maximum temperature on the 17th was 93.7°F, a new 8-year daily HIGH maximum temperature record for the date - the old record was 86°F in 2015. The daily temperature range on the 17th was 31.5°F, a new 8-year HIGH daily temperature range record for the date - the old record was 22°F in 2014 and 2013.
18	
19	The minimum temperature on the 19th was 72.1°F, a new 8-year warm daily minimum temperature record for the date - the old record was 68.7°F in 2015. The maximum temperature on the 19th was 91.3°F, a new 8-year daily HIGH maximum temperature record for the date - the old record was 88.1°F in 2015.
20	
21	
22	
23	The maximum temperature on the 23rd was 66.9°F, a new 8-year cold daily maximum temperature record for the date - the old record was 70.3°F in 2016. The daily temperature range on the 23rd was 5.2°F, a new 8-year LOW daily temperature range record for the date - the old record was 14°F in 2010.
24	The maximum temperature on the 24th was 66.1°F, a new 8-year cold daily maximum temperature record for the date - the old record was 67°F in 2013. The daily temperature range on the 24th was 8.9°F, a new 8-year LOW daily temperature range record for the date - the old record was 13°F in 2010 and 2009. The daily precipitation on the 24th was 0.17 inches, a new 8-year HIGH daily precipitation record for the date - the old record was 0.06 inches in 2013.
25	
26	
27	The daily precipitation on the 27th was 0.49 inches, a new 8-year HIGH daily precipitation record for the date - the old record was 0.19 inches in 2011.
28	The maximum temperature on the 28th was 76.5°F, a new 8-year cold daily maximum temperature record for the date - the old record was 80°F in 2010. The daily temperature range on the 28th was 13.3°F, a new 8-year LOW daily temperature range record for the date - the old record was 16°F in 2012.
29	
30	
31	

PAGE #1																			
May 2018 West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
May 2018	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	
May-01	Tue	83.8	17:17	41.2	5:30	42.6	62.5	8.1	60	0	0								
May-02	Tue	90.9	15:15	52.9	6:28	38.0	71.9	9.4	60	0	0								
May-03	Wed	89.8	14:53	63.9	6:30	25.9	76.9	4.9	62	0	0								
May-04	Thu	89.2	15:43	66.0	6:51	23.2	77.6	0.8	63	0	0								
May-05	Fri	74.8	11:28	62.1	23:57	12.7	68.5	-9.1	65	2	2	T	T	T			1230	1305	
May-06	Sat	75.0	13:41	55.8	6:39	19.2	65.4	-3.1	64	2	2	T	T	T			1425	1450	
May-07	Sun	73.6	16:26	54.2	6:09	19.4	63.9	-1.5	64	2	2								
May-08	Mon	77.2	15:57	51.1	5:54	26.1	64.2	0.3	63	0	0								
May-09	Tue	79.6	15:23	48.8	5:58	30.8	64.2	0.0	64	0	0								
May-10	Wed	87.0	15:01	59.0	4:07	28.0	73.0	8.8	64	2	2	0.41	0.35	0.17	Hail	None	1626	1752	
May-11	Thu	87.6	17:01	57.0	6:17	30.6	72.3	-0.7	65	0	1	0.24	0.24	0.07			2115	2205	
May-12	Fri	92.8	16:41	66.5	6:11	26.3	79.7	7.4	67	0	0								
May-13	Sat	89.4	16:14	67.1	6:15	22.3	78.3	-1.4	69	1	1								
May-14	Sun	92.5	16:34	63.1	3:11	29.4	77.8	-0.5	70	1	0	0.44	0.33	0.05			1937	2150	
May-15	Mon	88.6	14:06	63.6	3:40	25.0	76.1	-1.7	71	2	1								
May-16	Tue	79.6	14:27	68.9	6:12	10.7	74.3	-1.8	71	2	2	1.73	0.70	0.06			0015	0450	
May-17	Wed	81.2	13:55	68.2	4:42	13.0	74.7	0.5	71	2	2	1.88	0.83	0.07			0001	0145	
May-18	Thu	78.1	13:43	63.0	23:57	15.1	70.6	-4.2	71	2	2	5.09	1.83	0.10			0001	0800	
May-19	Fri	75.2	16:02	62.6	0:47	12.6	68.9	-1.6	70	2	2	0.50	0.18	0.04			0001	0400	
May-20	Sat	87.9	16:50	70.7	5:30	17.2	79.3	10.4	70	2	1	T	T	T			2036	2043	
May-21	Sun	83.1	15:50	67.1	5:09	16.0	75.1	-4.2	72	1	2								
May-22	Mon	85.7	15:52	66.4	5:48	19.3	76.1	1.0	72	2	2	0.52	0.46	0.16			0545	0550	
May-23	Tue	86.9	14:44	67.0	23:59	19.9	77.0	0.9	72	0	2	0.02	0.02	0.01			0040	0050	
May-24	Wed	85.0	16:16	58.7	6:23	26.3	71.9	-5.1	73	0	0								
May-25	Thu	85.9	15:18	61.4	6:11	24.5	73.7	1.8	73	0	1								
May-26	Fri	87.3	13:51	70.3	5:47	17.0	78.8	5.1	73	1	2	T	T	T			2105	2115	
May-27	Sat	88.5	14:47	72.0	23:22	16.5	80.3	1.5	74	2	2	0.44	0.17	0.07			0013	0018	
May-28	Sun	86.5	13:14	69.8	23:59	16.7	78.2	-2.1	75	2	2	0.04	0.03	0.01			0001	0145	
May-29	Mon	83.0	15:53	68.5	5:55	14.5	75.8	-2.4	75	2	2	0.01	0.01	T			0030	0305	
May-30	Tue	83.3	14:28	72.9	5:32	10.4	78.1	2.3	75	2	2	0.05	0.05	0.02			1545	1555	
May-31	Wed	87.8	16:33	71.4	23:54	16.4	79.6	1.5	75	2	2	0.45	0.43	0.12			2153	2335	
TOTAL		2616.8		1951.2		665.6	2284.0	25.2	2133	36	39	11.82	5.63	0.95	0.00	0.00	Col.26-27		
NUMBER		31	31	31	31	31	31	31	31	31	31	14	14	13	0	0	DAILY AVE RH		
AVERAGE		84.41	15:16	62.94	9:03	21.47	73.68		68.81	1.16	1.26	Ave. Tot.	Ave. Max	Ave. Max			75.6	Percent	
NORMALS		79.33		58.58		20.75	68.96		67.11	1.14	1.18	5.26	0.95	0.23	0.0	0.0	72.1	Percent	
DEPARTURES		5.08		4.36		0.72	4.7		1.70	0.03	0.08	6.56	0.88	-0.06			3.6	Percent	
Max. Temps. >= 70°F	93	Ave.HighMax	73	Ave.HighMin	42.6	80.3	10.4	75.0	Whole Day			5.09	1.83	0.17			Precip	24 Hr.	
2018	31	May-12	91.3	May-30	71.0	May-01	May-27	May-20	May-28	AVERAGE	1.21	May-18	May-18	May-10			Amount	6.10	
Ave.	26.4		Dep.		Dep.				May-29	Normal	1.16						Date	May 17	
Departure	4.6		1.5		1.9				May-30	Depart	0.05						Date	May 18	
Min. Temps. >70°F	74	Ave.LowMax	41	Ave.LowMin	10.4	62.5	-9.1	60.0	SKY			AM	PM	>= 0.10	INCHES	>= 1.00	INCHES	>= 2.00	INCHES
2018	6	May-07	63.0	May-01	40.8	May-30	May-01	May-05	May-01	CLEAR	11	9	>= 0.10	DAYS	3	DAYS	1	DAYS	
Ave.	2.2		Dep.		Dep.				May-02	PT. CLO.	4	5	Hottest	80.3	Highest	Coollest	62.5	Lowest	
Departure	3.8		10.6		0.4					CLOUDY	16	17	DAY	5-27	Mean	DAY	5-01	Mean	
Days Max. <=32°F	0		MAX.	>= 95	>= 90	>= 85	>= 80	>= 75	>= 70	>= 65	>= 60	>= 55	>= 50						
Days Max. >=90°F	4		DAYS	0	4	18	25	30	31	31	31	31	31						

		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
May 2018	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE				GLAZE	SLEET	SNOW	FOG	R	DEW	FROST		
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE									
May-01			38.0	13	14:42	92	18	30.23	30.12	30.18	0.09								3	
May-02			101.2	21	17:02	79	23	30.22	30.08	30.15	-0.03								1	
May-03			159.9	27	15:13	72	41	30.16	30.01	30.09	-0.06								N	
May-04			149.7	22	13:46	73	46	30.07	29.90	29.99	-0.10								N	
May-05	1505	1525	61.2	14	9:37	87	53	30.12	29.97	30.05	0.06								1	
May-06			51.0	15	21:36	92	68	30.04	29.82	29.93	-0.12								N	
May-07			75.2	15	9:18	95	58	30.15	29.94	30.05	0.12								3	
May-08			72.0	16	13:51	99	45	30.22	30.12	30.17	0.13								4	
May-09			51.1	12	13:13	98	39	30.17	30.06	30.12	-0.05								4	
May-10	2115	2150	101.5	24	16:28	98	51	30.09	29.84	29.97	-0.15						4		4	
May-11			37.7	13	17:28	100	43	30.06	29.94	30.00	0.04				1		1		5	
May-12			85.2	17	15:31	95	45	30.08	29.94	30.01	0.01								P	
May-13			76.3	15	6:18	92	55	30.07	29.93	30.00	-0.01								N	
May-14			81.0	47	19:29	96	48	30.08	29.95	30.02	0.02						4		3	
May-15			110.7	25	15:38	95	58	30.01	29.85	29.93	-0.09								P	
May-16	0750	0835	26.5	19	12:15	98	76	30.00	29.93	29.97	0.04							1	P	
May-17	0250	0425	52.2	15	14:29	99	73	30.02	29.92	29.97	0.00								P	
May-18	1510	2400	76.9	16	17:46	99	84	30.13	29.97	30.05	0.08								P	
May-19	0710	1020	62.4	16	22:09	100	89	30.15	30.04	30.10	0.05				1				P	
May-20			98.9	16	3:17	94	61	30.09	30.00	30.05	-0.05								N	
May-21			68.8	13	17:53	95	67	30.18	30.06	30.12	0.07								3	
May-22	1755	1850	69.3	22	17:40	97	64	30.14	29.97	30.06	-0.06							1	P	
May-23	0140	0235	68.1	13	15:57	98	58	30.11	29.93	30.02	-0.04								P	
May-24			43.8	15	10:24	96	39	30.19	30.11	30.15	0.13								4	
May-25			87.1	19	12:39	95	59	30.15	29.93	30.04	-0.11								3	
May-26	2207	2400	129.1	22	11:58	93	66	29.95	29.84	29.90	-0.15								2	
May-27	1535	1640	88.0	18	16:06	97	67	30.01	29.88	29.95	0.05							2	P	
May-28	1755	2140	42.5	15	14:14	98	65	30.04	29.98	30.01	0.06							1	P	
May-29	2105	2115	27.2	11	19:05	97	73	30.04	29.96	30.00	-0.01								P	
May-30	1635	1840	70.8	14	13:52	95	79	30.04	29.96	30.00	0.00								2	
May-31			74.6	17	15:53	97	68	29.99	29.85	29.92	-0.08							2	P	
TOTAL	Column 23		2337.9	557		2911	1779	933.00	928.80	930.90		TOTAL	0	0	0	2	8	14	0	
NUMBER	Mar. Wind Run		31	31	31	31	31	31	31	31		NORMAL	0.0	0.0	0.0	3.3	5.5	16.5	0.2	
AVERAGE	Total	2337.9	75.4	18.0	14:40	93.9	57.4	30.10	29.96	30.03		DEPART.	0.0	0.0	0.0	-1.3	2.5	-2.5	-0.2	
NORMALS	Miles	1697.1	54.7	18.0		93.8	50.4	30.08	29.94	30.01		Rating ▶	0	0	0	2	16	42	0	
DEPARTURES	Miles	640.8	20.7	0.0		0.1	7.0	0.01	0.02	0.02		Intensity								
MAXIMUM DATES	Dates		159.9 May-03	47 May-14	NNW 19:29	100 May-11 May-19	89 May-19	30.23 May-01	30.12 May-01 May-08	30.18 May-01	0.13 May-24	GLAZE	SLEET	SNOW	FOG	R	Dew	Frost		
Min. Temps. >= 70°F	Dates		26.5 May-16	11 May-29	Column 24 Ave. Max.	72 May-03	18 May-01	29.95 May-26	29.82 May-06	29.90 May-26	-0.15 May-10	5. Very Heavy 4. Heavy-Unusual 3. Moderate - Ave. 2. Light - >= Ave. 1. Very Light - Slight - Trace M - Event with intensity missing								
Ave.	2.2				31.2 Dep.															
Departure	3.8				15.8															
Days Min. <=32 °F	0		MIN.	<= 80	<= 75	<= 70	<= 65	<= 60	<= 55	<= 50	<= 45	<= 40	<= 35	<= 32	<= 30					
Days Min >=70°F	6		DAYS	31	31	27	16	9	5	2	1	0	0	0	0					

PAGE #3	West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz
39	40
May 2018	REMARKS FOR THE MONTH May - 2018
May-01	COOL START TO THE DAY AND WARM FINISH-VERY LARGE TEMP. RANGE OF 42.6°F & DRY-LOW DEW POINT 32.8°F AT 1103
May-02	FIRST SUMMER LIKE DAY-100% SUN NO CLOUDS SEEN-A/C CUT ON BUT LOW REL. HUMIDITY & HIGH DEW POINT WAS ONLY 58°F AT 1205
May-03	FEW THIN CIRRUS IN AM & MORE HUMIDITY TODAY WITH A WINDY AFTERNOON-VERY WARM DAY FOR FIRST OF MAY
May-04	SOME CIRRUS MOST OF DAY BUT VERY THIN & MUCH SOLAR ENERGY PASSED THROUGH CLOUDS
May-05	CLOUDY ALL DAY EXCEPT BROKEN OVERCAST FROM 0800-0945
May-06	CLOUDY ALL DAY EXCEPT 1545-1615-SPRINKLES FROM 1425-1450 BUT NO MEASURABLE PRECIP.
May-07	CLOUDY BUT PLEASANT DAY-DRY FOR MAY ALREADY USING IRRIGATION
May-08	AM WAS VERY CLEAR AND AFTER 1300 THE PM HAD A FEW SCATTERED CUMULUS WITH A FEW CIRRUS
May-09	ANOTHER BEAUTIFUL DRY DAY BUT VERY DRY FOR MAY AND LITTLE RAIN IN FORECAST
May-10	PC FROM NOON-1500 THEN CLOUDY TO SUNSET-TS RATED 4-3-2 HAD HAIL FROM 1627-1631-WITHOUT HAIL IT WOULD HAVE BEEN RATED 3-3-2-MAX. HAIL SIZE 0.5 INCHES
May-11	HEAVIEST DEW OF YEAR DRIPPING FROM HOUSE VINYL-ONE LIGHTNING AND THUNDER AROUND 2125-PM WAS PC WITH CUMULUS
May-12	HOTTEST DAY SINCE AUG. 22, 2017 WHEN IT WAS 93.6°F & ALSO VERY CLEAR PM-MAX. DEW POINT WAS 75.8°F AT 1202
May-13	IT WAS CLOUDY TO 0930 THEN PC WITH CIRRUS & CLEARING AFTER 1300 THEN CLOUDY AGAIN AFTER 1600-PM EST. 50% CLOUDY
May-14	RADAR SHOWED A BOW SHAPED ECHO & WINDS TO 47MPH FROM NNW AT 1929 LONG PD. OF LIGHTNING -TS RATED 4-5-2-WIND RUN EST. 81 MILES-47 MPH WIND IS HIGHEST WIND
May-15	PM WAS EST. 55-65% CLOUDY-10 TOMATOES WERE BLOWN OVER IN YESTERDAY'S WIND
May-16	THUNDER HEARD 1536, 1547, 1553, 1603-3RD PD. OF RAIN 1147-1900-HEAVIEST RAIN FROM 1600-1630 & AM HAD VERY LITTLE RAIN-4TH PD. RAIN 2020-2210
May-17	SPRINKLE FROM 1110-1115-SPRINKLES FROM 1455-1515-RAIN STARTED 1615-2025, 2ND PD. OF RAIN 2155-2400
May-18	WE WALKED DEEP RUN PARK & FOUND THAT FLOODING OVERFLOODED WALK BRIDGE NEAR THE PARKING AREA
May-19	3RD PD. OF RAIN 1330-1600-DRIZZLE FROM 1850-1910-MANY STRAWBERRIES ROTTING-LIGHT FOG AT 0615
May-20	BECAME PC AT 1145 & ALMOST CLOUDY 1600-1845 THEN CLOUDY AGAIN-EVERYONE MOWING GRASS TODAY-JAMES RIVER CRESTED AT 14.5 FT AT MAX. FLOOD STAGE
May-21	VARIABLE CLOUDINESS & AM WAS CLEARER THEN PM WHICH HAD MANY CUMULUS-AM HAD MAINLY THIN CIRRUS
May-22	3RD PD. OF PRECIP. 2115-2300-CLOUDY MOST OF DAY WITH PDS. OF SUN-RAINBOW SEEN AT 1845 BUT ONLY RIGHT 90 DEGREES OF ARC-VERY WET NOW WITH 10.76 INS. FOR MAY
May-23	
May-24	LAST NIGHT AND TODAY VERY CLEAR ALL DAY GIVING A LARGE TEMP. RANGE & VERY HEAVY DEW-LOW DAYTIME REL. HUMIDITY WAS 39%
May-25	VERY CLEAR AM UNTIL 1030 THEN CUMULUS CAME IN-AM EST. 30% CLOUDY-MANY CUMULUS IN PM EST. 55-65% CLOUDY
May-26	DEW MAINLY ON GRASS-MOSTLY CLOUDY BY 1000-PM MOSTLY CLOUDY & TOTALLY CLOUDY AFTER 1745
May-27	3RD PD. OF RAIN 2025-2400 -T/S RATED 2-2-2-PC FROM NOON TO 1500-THEN CLOUDY REST OF DAY
May-28	ONLY ENOUGH SUN TODAY FOR SHADOWS BET. 0900-1000
May-29	CLOUDY ALL DAY AND HUMID-MAX. DEW POINT WAS 75.3°F AT 1433
May-30	CLOUDY ALL DAY BUT NO RAIN UNTIL 1545-BREEZY IN AFTERNOON BUT VERY HUMID WITH HIGH DEW POINT OF 77.3°F AT 1234
May-31	MOSTLY CLOUDY ALL DAY WITH VERY HIGH HUMIDITY AND MAX. DEW POINT OF 77.8°F AT 1239 - ABT. 15 THUNDERS FROM 2201 TO 2225 AND THE TS WAS RATED 2-1-2
DATE	EXTENSION OF LENGTHY DAILY REMARKS
May-14	<u>EVER REC. IN MAY-PREVIOUS REC. 40 MPH REC. IN MAY, 2014</u>
	THIS WAS THE WARMEST AND WETNESS MAY ON RECORD AT GLEN ALLEN SPRINGFIELD PARK STATION.
May-30	The minimum temperature on the 30th was 72.9°F, a new 9-year warm daily minimum temperature record for the date - the old record was 70°F in 2011.
	The daily temperature range on the 30th was 10.4°F, a new 9-year LOW daily temperature range record for the date - the old record was 12°F in 2014.
May-31	The minimum temperature on the 31st was 71.4°F, a new 9-year warm daily minimum temperature record for the date - the old record was 71°F in 2011.
	The daily temperature range on the 31st was 16.4°F, a new 9-year LOW daily temperature range record for the date - the old record was 19°F in 2010.
	The daily precipitation on the 31st was 0.45 inches, a new 9-year HIGH daily precipitation record for the date - the old record was 0.06 inches in 2009.
	The daily records for the month are listed on page # 4 and not found in the remarks.
	The link below explains how observations are taken at the Glen Allen Weather Station - Note the Numbers match the column numbers on the Observation Sheet
	www.glenallenweather.com/upload/glenallencclimate/log/2017/2017_Obs_Rules.pdf

The Glen Allen Station had 37 Records or Record Ties in May 2018

1	The minimum temperature on the 1st was 41.2°F, a new 9-year LOW daily minimum temperature record for the date - the old record was 47.2°F in 2015. The daily temperature range on the 1st was 42.6°F, a new 9-year HIGH daily temperature range record for the date - the old record was 24°F in 2010
2	The maximum temperature on the 2nd was 90.9°F, a new 9-year daily HIGH maximum temperature record for the date - the old record was 88°F in 2012 and 2010. The daily temperature range on the 2nd was 38°F, a new 9-year HIGH daily temperature range record for the date - the old record was 27.7°F in 2015.
3	The maximum temperature on the 3rd was 89.8°F, a new 9-year daily HIGH maximum temperature record for the date - the old record was 85°F in 2012.
4	The maximum temperature on the 4th was 89°F, a new 9-year daily HIGH maximum temperature record for the date - the old record was 86°F in 2012. The minimum temperature on the 4th was 66°F, and EQUALED the, 8-year HIGH daily minimum temperature record for the date - the old record was set in 2012 and 2010.
5	
6	
7	
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9	
10	The maximum temperature on the 10th was 87°F, a new 9-year daily HIGH maximum temperature record for the date - the old record was 86°F in 2013. The daily precipitation on the 10th was 0.41 inches, a new 9-year HIGH daily precipitation record for the date - the old record was 0.12 inches in 2014. REMARK- Hail was as large as 0.5 inches lasted from 4:27 to 4:31 PM and was enough to whiten the ground where there was no grass- Thunderstorm rated 4-3-2
11	The maximum temperature on the 11th was 87.6°F, a new 9-year daily HIGH maximum temperature record for the date - the old record was 84°F in 2014. The daily temperature range on the 11th was 30.6°F, a new 9-year HIGH daily temperature range record for the date - the old record was 28°F in 2012.
12	The maximum temperature on the 12th was 92.8°F, a new 9-year daily HIGH maximum temperature record for the date - the old record was 90°F in 2014. REMARK-The maximum temperature today was the highest since August 22, 2017 when it was 93.6 degrees F.
13	The minimum temperature on the 13th was 67.1°F, a new 9-year warm daily minimum temperature record for the date - the old record was 66°F in 2014.
14	The maximum temperature on the 14th was 92.5°F, a new 9-year daily HIGH maximum temperature record for the date - the old record was 88°F in 2010.
15	The maximum temperature on the 15th was 88.6°F, a new 9-year daily HIGH maximum temperature record for the date - the old record was 87°F in 2013.
16	The minimum temperature on the 16th was 68.9°F, a new 9-year warm daily minimum temperature record for the date - the old record was 67°F in 2009. The daily temperature range on the 16th was 10.7°F, a new 9-year LOW daily temperature range record for the date - the old record was 17°F in 2010 and 2009. The daily precipitation on the 16th was 1.73 inches, a new 9-year HIGH daily precipitation record for the date - the old record was 1.63 inches in 2014.
17	The minimum temperature on the 17th was 68.2°F, a new 9-year warm daily minimum temperature record for the date - the old record was 67°F in 2015. The daily precipitation on the 17th was 1.81 inches, a new 9-year HIGH daily precipitation record for the date - the old record was 1.58 inches in 2011.
18	The daily precipitation on the 18th was 3.68 inches, a new 9-year HIGH daily precipitation record for the date - the old record was 0.78 inches in 2013.
19	The daily precipitation on the 19th was 0.50 inches, a new 9-year HIGH daily precipitation record for the date - the old record was 0.09 inches in 2015. The daily temperature range on the 19th was 12.5°F, a new 9-year LOW daily temperature range record for the date - the old record was 14°F in 2013.
20	The minimum temperature on the 20th was 70.7°F, a new 9-year warm daily minimum temperature record for the date - the old record was 65°F in 2013. The maximum temperature on the 20th was 87.9°F, a new 9-year daily HIGH maximum temperature record for the date - the old record was 84°F in 2013. The daily temperature range on the 20th was 17.2°F, a new 9-year LOW daily temperature range record for the date - the old record was 17.7°F in 2015.
21	
22	
23	The maximum temperature on the 23rd was 86.9°F, a new 9-year daily HIGH maximum temperature record for the date - the old record was 85°F in 2011. The minimum temperature on the 23rd was 67°F, and EQUALED the, 8-year HIGH daily minimum temperature record for the date - the old record was set in 2013 and 2011.
24	
25	
26	The daily temperature range on the 26th was 17°F, and EQUALED the, 9-year LOW daily minimum temperature range record for the date - the old record was set in 2009. The daily precipitation on the 26th was Trace, and EQUALED the, 9-year HIGH daily precipitation record for the date - the old record was set in 2009.
27	The minimum temperature on the 27th was 72°F, a new 9-year warm daily minimum temperature record for the date - the old record was 71.4°F in 2015. The daily temperature range on the 27th was 16.5°F, a new 9-year LOW daily temperature range record for the date - the old record was 16.7°F in 2015.
28	
29	
Continued under Remarks on page 3	

May 2019 West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz																		
May 2019	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
May-01	Wed	86.1	17:19	63.9	5:40	22.2	75.0	4.7	65	2	1							
May-02	Thu	87.6	13:49	68.2	6:52	19.4	77.9	2.9	66	0	1	T	T	T			2040	2105
May-03	Fri	85.8	14:19	65.9	6:18	19.9	75.9	-2.1	67	0	0							
May-04	Sat	86.8	15:40	69.1	6:13	17.7	78.0	2.1	68	2	1	0.08	0.08	0.02			2140	2325
May-05	Sun	77.7	14:49	60.2	23:56	17.5	69.0	-9.0	69	2	2	0.70	0.45	0.10			0610	0935
May-06	Mon	75.8	17:57	55.6	3:32	20.2	65.7	-3.3	68	2	2							
May-07	Tue	80.9	14:32	58.0	6:23	22.9	69.5	3.8	68	0	1							
May-08	Wed	84.8	14:17	61.8	6:26	23.0	73.3	3.8	68	0	2	0.59	0.58	0.12			1650	1835
May-09	Thu	82.2	15:32	63.9	1:55	18.3	73.1	-0.3	69	1	1							
May-10	Fri	81.9	15:58	66.1	6:25	15.8	74.0	1.0	70	2	2	T	T	T			0815	0825
May-11	Sat	75.6	10:06	63.9	22:32	11.7	69.8	-4.3	70	2	2	0.15	0.09	0.01			1400	1645
May-12	Sun	71.2	14:24	55.1	23:51	16.1	63.2	-6.6	69	2	2	0.23	0.10	0.01			0255	0350
May-13	Mon	63.9	17:12	51.0	7:13	12.9	57.5	-5.7	68	2	2	0.38	0.20	0.05			0035	0305
May-14	Tue	66.1	14:27	46.6	23:58	19.5	56.4	-1.1	67	1	2	T	T	T			1205	1300
May-15	Wed	73.7	16:39	41.8	6:07	31.9	57.8	1.4	65	0	0							
May-16	Thu	80.4	15:49	48.8	6:01	31.6	64.6	6.8	66	0	1							
May-17	Fri	84.6	17:06	59.4	4:05	25.2	72.0	7.4	67	2	0	0.14	0.13	0.06			2135	2345
May-18	Sat	89.9	16:36	62.9	6:36	27.0	76.4	4.4	68	1	0							
May-19	Sun	91.9	15:38	67.4	6:18	24.5	79.7	3.3	70	0	0							
May-20	Mon	89.1	14:09	68.5	23:58	20.6	78.8	-0.9	72	0	1	0.02	0.02	0.01			1705	1750
May-21	Tue	77.3	14:09	56.8	23:57	20.5	67.1	-11.8	72	0	1							
May-22	Wed	79.5	17:01	52.6	6:06	26.9	66.1	-1.0	71	1	1							
May-23	Thu	87.5	15:48	61.9	5:59	25.6	74.7	8.7	70	1	2							
May-24	Fri	89.6	14:30	70.8	23:45	18.8	80.2	5.5	71	0	0							
May-25	Sat	88.3	16:48	64.0	5:47	24.3	76.2	-4.0	73	0	0							
May-26	Sun	93.8	15:41	70.6	6:14	23.2	82.2	6.0	74	0	1	T	T	T			1700	1705
May-27	Mon	85.6	16:36	68.0	6:04	17.6	76.8	-5.4	75	1	2	0.17	0.17	0.08			2130	2205
May-28	Tue	93.3	17:05	68.3	3:34	25.0	80.8	4.0	74	2	0	T	T	T			0745	0830
May-29	Wed	94.2	15:18	68.8	5:59	25.4	81.5	0.7	75	2	1	T	T	T			1845	1910
May-30	Thu	93.1	15:33	67.6	5:15	25.5	80.4	-1.2	75	1	2							
May-31	Fri	89.2	16:49	64.7	23:59	24.5	77.0	-3.4	76	2	1	1.31	1.11	0.19			0023	0028
TOTAL		2587.4		1912.2		675.2	2249.8	6.7	2166	31	34	3.77	2.93	0.65	0.00	0.00	Col.26-27	
NUMBER		31	31	31	31	31	31	31	31	31	31	10	10	10	0	0	DAILY AVE RH	
AVERAGE		83.46	15:32	61.68	10:21	21.78	72.57		69.87	1.00	1.10	Ave. Tot.	Ave. Max	Ave. Max			74.6	Percent
NORMALS		79.33		58.58		20.75	68.96		67.11	1.14	1.18	5.26	0.95	0.23	0.0	0.0	72.1	Percent
DEPARTURES		4.13		3.10		1.03	3.6		2.76	-0.14	-0.08	-1.49	0.16	-0.04			2.5	Percent
Max. Temps. >= 70°F	94	Ave.HighMax	71	Ave.HighMin	31.9	82.2	8.7	76.0	Whole Day			1.31	1.11	0.19			Precip	24 Hr.
2019	29	May-29	91.3	May-24	71.0	May-15	May-26	May-23	May-31	AVERAGE	1.05	May-31	May-31	May-31			Amount	1.31
Ave.	26.4	Dep.		Dep.						Normal	1.16						Date	May 31
Departure	2.6		2.9	-0.2						Depart	-0.11						Date	
Min. Temps. >70°F	64	Ave.LowMax	42	Ave.LowMin	11.7	56.4	-11.8	65.0	SKY	AM	PM	>= 0.10 INCHES			>= 1.00 INCHES		>= 2.00 INCHES	
2019	2	May-13	63.0	May-15	40.8	May-11	May-14	May-21	CLEAR	12	8	8	DAYS	1	DAYS	0	DAYS	
Ave.	2.2	Dep.		Dep.					PT. CLO.	7	12		Hottest	82.2	Highest	Coollest	56.4	Lowest
Departure	-0.2		0.9	1.0					CLOUDY	12	11		DAY	5-26	Mean	DAY	5-14	Mean
Days Max. <=32 °F	0	MAX.		>= 95	>= 90	>= 85	>= 80	>= 75	>= 70	>= 65	>= 60	>= 55	>= 50					
Days Max. >=90°F	7	DAYS		0	7	18	23	27	29	30	31	31	31					

20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38	
May 2019	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																										
May-01			69.9	15	17:02	95	46	30.30	30.15	30.23	0.03																										
May-02			105.1	21	11:35	90	56	30.18	30.04	30.11	-0.12																										
May-03			118.0	21	16:49	85	50	30.08	29.89	29.99	-0.13																										
May-04			64.7	12	8:28	94	52	29.91	29.74	29.83	-0.16																										
May-05	1505	1645	60.4	22	18:29	97	75	29.81	29.59	29.70	-0.13																										
May-06			62.6	17	0:17	94	57	30.11	29.81	29.96	0.26																										
May-07			76.7	16	15:01	96	55	30.20	30.10	30.15	0.19																										
May-08			56.1	14	15:19	95	58	30.17	30.07	30.12	-0.03																										
May-09			82.4	19	21:55	96	56	30.17	30.05	30.11	-0.01																										
May-10			132.1	22	14:31	86	64	30.11	29.96	30.04	-0.07																										
May-11	1908	2050	52.8	13	11:35	97	75	30.03	29.86	29.95	-0.09																										
May-12	0555	0745	64.2	15	12:31	99	88	29.87	29.68	29.78	-0.17																										
May-13	0440	0800	58.8	13	3:17	97	79	29.85	29.74	29.80	0.02																										
May-14			42.7	17	12:07	98	52	30.00	29.82	29.91	0.11																										
May-15			39.6	11	12:35	96	39	30.03	29.93	29.98	0.07																										
May-16			51.4	13	15:48	91	42	29.99	29.87	29.93	-0.05																										
May-17			60.9	14	15:09	94	57	29.93	29.81	29.87	-0.06																										
May-18			32.0	13	20:12	97	52	30.02	29.88	29.95	0.08																										
May-19			95.1	20	16:33	94	49	30.04	29.91	29.98	0.03																										
May-20			112.3	19	16:16	89	54	29.96	29.82	29.89	-0.09																										
May-21			65.7	14	11:43	96	51	30.14	29.88	30.01	0.12																										
May-22			58.1	13	17:53	93	43	30.27	30.13	30.20	0.19																										
May-23			131.7	24	8:30	85	63	30.26	30.00	30.13	-0.07																										
May-24			60.2	13	14:30	91	58	30.09	29.96	30.03	-0.11																										
May-25			64.7	16	15:18	94	55	30.18	30.03	30.11	0.08																										
May-26			56.7	20	16:46	95	49	30.06	29.91	29.99	-0.12																										
May-27			47.6	14	0:53	95	59	29.99	29.90	29.95	-0.04																										
May-28			80.5	20	14:52	96	52	29.92	29.73	29.83	-0.12																										
May-29			65.9	19	15:45	91	50	29.82	29.71	29.77	-0.06																										
May-30			81.4	19	9:00	89	45	29.86	29.72	29.79	0.02																										
May-31	1925	2300	47.8	21	20:42	94	45	29.89	29.74	29.82	0.02																										
TOTAL	Column 23		2198.1	520		2899	1726	931.24	926.43	928.84	TOTAL	0	0	0	2	4	18	0																			
NUMBER	Mar. Wind Run		31	31	31	31	31	31	31	31	NORMAL	0.0	0.0	0.0	3.3	5.5	16.5	0.2																			
AVERAGE	Total	2198.1	70.9	16.8	13:35	93.5	55.7	30.04	29.88	29.96	DEPART.	0.0	0.0	0.0	-1.3	-1.5	1.5	-0.2																			
NORMALS	Miles	1697.1	54.7	18.0		93.8	50.4	30.08	29.94	30.01	Rating ▶	0	0	0	2	8	51	0																			
DEPARTURES	Miles	501.0	16.2	-1.2		-0.3	5.3	-0.04	-0.05	-0.05	Intensity	0	0	0	2	8	51	0																			
MAXIMUM DATES	Dates		132.1	24	ESE	99	88	30.30	30.15	30.23	0.26	GLAZE	SLEET	SNOW	FOG	K	Dew	Frost																			
	1		May-10	May-23	8:30	May-12	May-12	May-01	May-01	May-01	May-06																										
	2																																				
	3				Column 24																																
	4				Ave. Max.																																
Min. Temps. >= 70°F	Dates		32.0	11	31.2	85	39	29.81	29.59	29.70	-0.17																										
2019	2		May-18	May-15	Dep.	May-03	May-15	May-05	May-05	May-05	May-12																										
Ave.	2.2				-7.2	May-23																															
Departure	-0.2																																				
Days Min. <=32 °F	0	MIN.	<= 80	<= 75	<= 70	<= 65	<= 60	<= 55	<= 50	<= 45	<= 40	<= 35	<= 32	<= 30																							
Days Min >=70°F	2	DAYS	31	31	29	19	11	6	3	1	0	0	0	0																							

5. Very Heavy
 4. Heavy-Unusual
 3. Moderate - Ave.
 2. Light - >= Ave.
 1. Very Light - Slight - Trace
 M - Event with intensity missing

N- None No Dew Obs.
 P- Precip. prevent obs.

PAGE #3	West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz
39	40
May 2019	REMARKS FOR THE MONTH May - 2019
May-01	AM FOG WAS LIGHT AND AM WAS CLOUDY-CLOUDS CLEARED STARTING AT 1230 & WAS PC DUE TO CIRRUS
May-02	HIGH DEW POINT MADE IT FEEL WARMER-PM HAD CUMULUS & WAS VERY CLOUDY AFTER 1900-PM EST 50-60% CLOUDY
May-03	AM WAS VERY CLEAR UNTIL AROUND NOON THEN FAIR WEATHER CUMULUS & SCATTERED CIRRUS-PM EST. 20-25% CLOUDY
May-04	AM WAS MOSTLY CLOUDY EST. 65-75% & PM WAS PC EST. 50-60% CLOUDY-TS RATED 1-1-1 THAT OCCURRED AND THUNDER AT 2232
May-05	3RD PD. OF SPRINKLES 1756-1802 AND ONLY A LITTLE SUN IN BROKEN SKY FROM 1230-1400 & HUMID UNTIL 1600-NO THUNDER HEARD
May-06	MUCH COOLER & HEAVY CLOUDS WITH LITTLE SUN-CLOUDS WERE CUMULUS AND STRATOCUMULUS
May-07	DEW ON VINYL AND CONDENSATION ON MIRROR THAT DOES NOT HAVE RUN PATHS-AM CLEAR TO 1130 THEN CUMULUS-PM MANY CUMULUS EST. 60-65%
May-08	VERY CLEAR AM BUT CUMULUS CAME IN AT NOON & BY 1300 IT WAS CLOUDY-NO THUNDER HEARD WITH PM SHOWER
May-09	VERY PLEASANT SPRING DAY BUT RATHER CLOUDY-BOTH AM AND PM WERE 60-65% CLOUDY
May-10	WITH CLOUDINESS AND BREEZE IT WAS A PLEASANT DAY WITH ONE MORNING SPRINKLE
May-11	3RD PD. OF PRECIP. 1130-1355 & COLD FRONT PASSED AROUND 1500-A CLOUDY COOL DAMP DAY-4TH PD. OF PRECIP. 1935-2350
May-12	RAIN ENDED AROUND 0800 & THERE WERE 5 ADDITIONAL PDS. OF DRIZZLE OR SPRINKLES BUT ALL AMOUNTED TO LESS THAN 0.01 INCHES
May-13	MORE RAIN & SOME STRAWBERRIES HAVE ROTTED -ALSO VERY COOL FOR MAY
May-14	REC. CHILLY DAY WITH STRATOCUMULUS AND HEAVY CLOUDS WITH ONE LIGHT NOON SHOWER
May-15	REC. LOW MIN. FOR DATE-CLEAR AM WITH FAIR WEATHER CUMULUS STARTING AT 1145-PM EST. 20-25% CLOUDY
May-16	MUCH WARMER BUT WITH LOW REL. HUMIDITY IT FELT PLEASANT-CLEAR AM AND PM HAS MANY FAIR WEATHER CUMULUS
May-17	TS RATED 3-1-2-THUNDER HEARD AT 2141, 2155 & TOO MANY TO COUNT-A CLOUDY AM AND CLEARING AT 1400-MOSTLY CLEAR TO SUNSET
May-18	CLOUDS STARTED TO CLEAR TO CIRROSTRATUS AT 1030 & BECAME THIN CIRRUS BY NOON AND SKY CLEAR BY 1400
May-19	HOTTEST DAY SINCE SEPT. 7, 2018 WHEN HIGH WAS 92.8°F-ALSO CLEAR ONLY A FEW FAIR WEATHER CUMULUS FROM 1330-1615
May-20	AM WAS CLEAR & CUMULUS CAME IN AT 1245 & A LITTLE SHOWER WITH A COLD FRONT PASSAGE AT 1630
May-21	AM WAS MOSTLY CLEAR BUT WITH SOME THIN CIRRUS - PM HAD CIRROSTRATUS BUT IT WAS A VERY PLEASANT DAY TEMP. WISE
May-22	BOTH AM AND PM HAD THIN CIRRUS BUT STILL A LOT OF SOLAR RADIATION & ANOTHER BEAUTIFUL SPRING DAY
May-23	HEAVY TS IN NO. VA AROUND 1700-AM HERE HAD THIN CIRRUS AND SOME CIRROSTRATUS-PM HAD CUMULUS, ALTOCUMULUS & CIRROSTRATUS-NO TS HERE
May-24	AM WAS VERY CLEAR TO NOON-PM HAD CIRRUS BUT WAS ABOUT 25-30% CLOUDY-10 YR REC. MAX. AND MIN. TEMP.
May-25	AM PLEASANT AND CLEAR WITH ONLY A FEW FAIR WEATHER CUMULUS-PM EST. 5-10% CLOUDY-YARD GETTING DRY-STARTED IRRIGATION
May-26	WEAK TS RATED 1-1-2-HOTTEST DAY SINCE SEPT. 4, 2018 WHEN HIGH WAS 95.1°F-ONLY ONE THUNDER HEARD FROM A DYING TS
May-27	CLEAR IN EARLY AM-CLOUDS CAME IN AROUND 1015 AS CUMULUS & PC 1045-1115-A COOL DAY
May-28	SLIGHT TRACE OF PRECIP. BET. 0745-0830-CLEARING STARTED AT 1230-THIN CIRRUS UNTIL 1345 THEN SOME CUMULUS-PM EST. 60-65% CLOUDY-CUMULUS CLEARED
May-29	HOTTEST DAY SINCE SEPT. 4, 2018 WHEN IT WAS 95.1°F-AM MOSTLY CLOUDY WITH CIRRUS AND CIRROSTRATUS-PM HAD CUMULUS & CIRRUS EST. 60-65% CLOUDY
May-30	CLEAR IN AM EXCEPT THIN CIRRUS - PM WAS ALMOST COMPLETE COVERAGE AND THICKER CLOUDS OF CIRROSTRATUS & CUMULUS AFTER 1500
May-31	CLOUDY MORNING BECAME PC AROUND 0900-SEVERE TS FORECAST FOR TONIGHT GAVE 1.31 INCHES OF RAIN AND THE TS WAS RATED 3-3-4
DATE	EXTENSION OF LENGTHY DAILY REMARKS
May-28	AT 1730 AND THEN CLEAR TO DARK-PM EST. 20-25% CLOUDY
<p style="text-align: center;">The daily records for the month are listed on page # 4 and not found in the remarks.</p> <p style="text-align: center;">The link below explains how observations are taken at the Glen Allen Weather Station - Note the Numbers match the column numbers on the Observation Sheet</p> <p style="text-align: center;">Rules for making Observations in 2019</p>	

The Glen Allen Station had 22 Records or Record Ties in May 2019

1	
2	
3	
4	The minimum temperature on the 4th was 69.1°F, a new 10-year warm daily minimum temperature record for the date - the old record was 66°F in 2018 and 2012.
5	
6	
7	
8	The daily precipitation on the 8th was 0.59 inches, a new 10-year HIGH daily precipitation record for the date - the old record was 0.13 inches in 2013.
9	The daily temperature range on the 9th was 18.3°F, and EQUALED the, 10-year LOW daily minimum temperature range record for the date - the old record was set in 2015.
10	
11	
12	The daily precipitation on the 13th was 0.38 inches, a new 10-year HIGH daily precipitation record for the date - the old record was 0.34 inches in 2017.
13	
14	The maximum temperature on the 14th was 66.1°F, a new 10-year cold daily maximum temperature record for the date - the old record was 69°F in 2013.
15	The minimum temperature on the 15th was 41.8°F, a new 10-year LOW daily minimum temperature record for the date - the old record was 43.4°F in 2016. The daily temperature range on the 15th was 31.9°F, a new 10-year HIGH daily temperature range record for the date - the old record was 30°F in 2013.
16	
17	
18	The maximum temperature on the 18th was 89.9°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 89.8°F in 2015. The daily temperature range on the 18th was 27°F, a new 10-year HIGH daily temperature range record for the date - the old record was 23°F in 2012.
19	The maximum temperature on the 19th was 91.9°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 91.3°F in 2017. Remark_ The maximum temperature today was the highest since September 7, 2018 when it was 92.8°F
20	The maximum temperature on the 20th was 89.1°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 87.9°F in 2018.
21	
22	
23	The maximum temperature on the 23rd was 87.5°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 86.9°F in 2018. The daily temperature range on the 23rd was 25.6°F, a new 10-year HIGH daily temperature range record for the date - the old record was 25°F in 2015.
24	The maximum temperature on the 24th was 89.6°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 89°F in 2011.
25	
26	The maximum temperature on the 26th was 93.8°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 91°F in 2011. The daily precipitation on the 26th was Trace, and EQUALED the, 10-year HIGH daily precipitation record for the date of a trace also set in 2018 and 2009.
27	
28	The maximum temperature on the 28th was 93.3°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 90°F in 2014.
29	The maximum temperature on the 29th was 94.2°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 88°F in 2013 and 2012. The daily temperature range on the 29th was 25.4°F, a new 10-year HIGH daily temperature range record for the date - the old record was 19.7°F in 2015. Remark_ The maximum temperature today was the highest since September 4, 2018 when it was 95.1°F.
30	The daily temperature range on the 30th was 25.5°F, a new 10-year HIGH daily temperature range record for the date - the old record was 24°F in 2011 and 2009.
31	The daily temperature range on the 31st was 24.5°F, a new 10-year HIGH daily temperature range record for the date - the old record was 24°F in 2012. The daily precipitation on the 31st was 1.31 inches, a new 10-year HIGH daily precipitation record for the date - the old record was 0.45 inches in 2018.