




PAGE #1		Jun 2017 West Henrico Co. - Glen Allen Weather Center 37.6537° N. 77.56929° W. - Koontz																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Jun 2017	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
Jun-01	Thu	85.6	14:46	61.2	5:20	24.4	73.4	0.8	72	0	1							
Jun-02	Fri	85.0	16:28	56.8	6:16	28.2	70.9	-2.5	72	0	0							
Jun-03	Sat	86.4	15:02	54.8	6:15	31.6	70.6	-0.3	72	0	0							
Jun-04	Sun	88.9	14:59	59.3	6:00	29.6	74.1	3.5	72	0	0							
Jun-05	Mon	73.9	10:08	65.2	23:51	8.7	69.6	-4.5	74	2	2	0.53	0.29	0.18			0631	0920
Jun-06	Tue	79.9	17:08	62.8	4:29	17.1	71.4	1.8	72	1	1							
Jun-07	Wed	73.2	14:37	58.0	3:40	15.2	65.6	-5.8	71	2	2	T	T	T			1153	1156
Jun-08	Thu	71.0	17:42	54.0	5:33	17.0	62.5	-3.1	69	2	2							
Jun-09	Fri	81.8	17:48	52.7	5:22	29.1	67.3	4.8	68	0	0							
Jun-10	Sat	88.8	16:29	58.3	6:12	30.5	73.6	6.3	70	0	0							
Jun-11	Sun	92.8	16:09	68.2	6:01	24.6	80.5	7.0	72	0	0							
Jun-12	Mon	93.4	15:48	68.8	5:57	24.6	81.1	0.6	74	0	1							
Jun-13	Tue	91.5	13:46	72.3	5:41	19.2	81.9	0.8	75	0	2							
Jun-14	Wed	92.2	14:28	68.7	6:05	23.5	80.5	-1.5	75	0	2	0.95	0.41	0.16			1600	2255
Jun-15	Thu	86.3	16:10	69.5	2:12	16.8	77.9	-2.6	75	1	1							
Jun-16	Fri	86.0	13:54	71.3	3:40	14.7	78.7	0.8	76	2	2	1.93	1.40	0.22			0755	0800
Jun-17	Sat	85.9	14:53	70.9	5:04	15.0	78.4	-0.3	76	2	2	0.06	0.05	0.01			0123	0215
Jun-18	Sun	88.6	14:57	72.7	5:25	15.9	80.7	2.3	77	2	1							
Jun-19	Mon	89.4	15:06	69.9	23:58	19.5	79.7	-1.0	77	2	2	1.14	0.83	0.21			1545	1550
Jun-20	Tue	84.2	14:28	68.4	5:38	15.8	76.3	-3.3	76	2	2							
Jun-21	Wed	87.5	15:24	69.3	6:21	18.2	78.4	2.1	76	1	1	T	T	T			0255	0300
Jun-22	Thu	89.1	13:27	70.2	5:49	18.9	79.7	1.3	77	2	2							
Jun-23	Fri	89.0	17:20	72.4	6:03	16.6	80.7	1.1	78	2	2	0.16	0.09	0.02			0250	0830
Jun-24	Sat	89.1	15:28	77.1	23:44	12.0	83.1	2.4	78	0	0	T	T	T			0145	0240
Jun-25	Sun	85.9	14:56	66.2	23:58	19.7	76.1	-7.0	78	2	2							
Jun-26	Mon	83.5	16:13	57.0	6:07	26.5	70.3	-5.8	76	0	1							
Jun-27	Tue	82.1	15:20	61.5	2:58	20.6	71.8	1.6	75	1	2							
Jun-28	Wed	81.2	17:08	54.1	6:09	27.1	67.7	-4.1	74	0	0							
Jun-29	Thu	86.7	15:48	61.0	5:52	25.7	73.9	6.2	74	0	0							
Jun-30	Fri	90.1	16:10	69.0	4:14	21.1	79.6	5.7	75	0	1	T	T	T			1845	2015
TOTAL NUMBER		2569		1942		627.4	2255.3	6.9	2226	26	34	4.77	3.07	0.80	0.0	0.0	Col.26-27	
AVERAGE		85.63	15:24	64.72	7:47	20.91	75.18		74.20	0.87	1.13	Ave. Tot. 6	Ave.Max 6	Ave.Max 6			70.9	Percent
NORMALS		86.40		65.81		20.59	76.25		74.95	0.90	1.06	4.07	1.02	0.35	0.0	0.0	70.4	Percent
DEPARTURES		-0.77		-1.09		0.32	-1.07		-0.75	-0.03	0.07	0.70	0.38	-0.13			0.5	Percent
MaxTemps. >= 70°F	93		77		31.6	83.1	7.0	78.0	Whole Day		1.93	1.40	0.22				Precip Amount	24 Hr.
2017	30	Jun-12	Jun-24	Jun-03	Jun-24	Jun-11	Jun-23	Jun-25	AVE.	1.00	Jun-16	Jun-16	Jun-16				Date	Jun-16
Ave.	29.1								Normal	0.98							Date	Jun-17
Departure	0.9								Depart.	0.02								
Min. Temps. >70°F	71		52.7		8.7	62.5	-7.0	68.0	SKY		AM	PM	≥ 0.10	INCHES	≥ 1.00	INCHES	≥ 2.00	INCHES
2017	7	Jun-08	Jun-09	Jun-05	Jun-08	Jun-25	Jun-09		CLEAR	15	9	5	DAYS	2	DAYS	0	DAYS	
Ave.	9.3								PT.CLO.	4	8	HOTTEST	83.1	Highest	Lowest	COOLEST	62.5	
Departure	-2.3								CLOUDY	11	13	DAY	6-24	Mean	Mean	DAY	6-08	
Days Max. <=32 °F	0		MAX.	≥ 95	≥ 90	≥ 85	≥ 80	≥ 75	≥ 70	≥ 65	≥ 60	≥ 55	≥ 50	≥ 45	≥ 40			
Days Max. >=90°F	5		DAYS	0	5	21	27	27	30	30	30	30	30	30	30			

PAGE #2		Jun 2017 West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Kiontz											32		33		34		35		36		37		38												
20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38	
Jun 2017	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE				GLAZE	SLEET	SNOW	FOG		DEW	FROST																			
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE																										
Jun-01			21.5	16	13:09	96	44	30.05	29.94	30.00	-0.01																							3			
Jun-02			25.3	17	12:28	91	35	30.05	29.97	30.01	0.01																							4			
Jun-03			20.6	16	12:16	97	34	30.07	29.96	30.02	0.01																							5			
Jun-04			73.6	23	12:48	98	42	30.03	29.83	29.93	-0.09																							5			
Jun-05	1045	1545	55.7	16	2:33	96	80	29.84	29.67	29.76	-0.17																							P			
Jun-06			53.0	16	16:16	99	48	29.83	29.67	29.75	-0.01															1							5				
Jun-07	1310	1315	56.7	20	16:07	89	63	30.03	29.83	29.93	0.18																							2			
Jun-08			59.3	17	11:03	96	62	30.03	29.83	29.93	0.00																							4			
Jun-09			20.1	13	13:24	98	43	29.97	29.82	29.90	-0.04																							5			
Jun-10			34.2	17	13:15	94	37	30.09	29.96	30.03	0.13														1									3			
Jun-11			49.7	16	15:43	88	41	30.14	30.06	30.10	0.08																							2			
Jun-12			36.6	14	15:59	88	45	30.12	29.99	30.06	-0.05																							2			
Jun-13			41.3	17	16:37	90	56	30.01	29.89	29.95	-0.10																							2			
Jun-14			37.6	33	16:12	97	58	29.97	29.86	29.92	-0.04																							4			
Jun-15			27.2	12	15:17	98	60	29.97	29.85	29.91	0.00														2									P			
Jun-16	1710	2310	19.9	14	21:51	94	66	29.90	29.82	29.86	-0.05																							1	2		
Jun-17	0300	0325	28.6	14	18:11	95	66	29.92	29.84	29.88	0.02																								P		
Jun-18			123.2	29	16:17	95	65	29.92	29.81	29.87	-0.02																								4		
Jun-19	1728	2210	143.0	38	15:56	94	61	29.93	29.82	29.88	0.01																							3	N		
Jun-20			56.9	19	15:08	98	54	30.02	29.92	29.97	0.09																								P		
Jun-21	0318	0340	98.6	19	16:55	91	52	30.03	29.94	29.99	0.02																								P		
Jun-22			55.0	17	16:12	93	58	30.03	29.95	29.99	0.01																								3		
Jun-23			128.0	25	13:27	94	60	29.98	29.73	29.86	-0.14																								P		
Jun-24			90.8	30	1:08	76	46	29.96	29.61	29.79	-0.07																								N		
Jun-25			20.3	13	16:01	90	39	30.05	29.95	30.00	0.22																								4		
Jun-26			25.7	16	15:29	89	31	30.10	29.98	30.04	0.04																								5		
Jun-27			23.3	15	13:42	80	34	30.08	29.97	30.03	-0.02																								3		
Jun-28			24.4	14	16:08	88	31	30.20	30.07	30.14	0.11																								4		
Jun-29			98.8	21	13:22	87	44	30.19	30.17	30.18	0.05																								3		
Jun-30			115.6	23	11:30	76	45	30.09	29.97	30.03	-0.15																								N		
TOTAL NUMBER	Column 23		1664.5	570		2755	1500	900.60	896.68	898.64	DAYS	0	0	0	3	3	21	0																			
	Mar. Wind Run		30	30	30	30	30	30	30	30	30	Normal	0.0	0.0	0.0	1.6	6.8	17.9	0.0																		
AVERAGE	Total	1664.5	55.48	19.00	14:08	91.8	50.0	30.02	29.89	29.95	Depart.	0.0	0.0	0.0	1.4	-3.8	3.1	0.0																			
NORMALS	Miles	1357.8	45.3	18.4		93.2	47.5	30.02	29.88	29.95	Rating ▶	0	0	0	4	7	74	0																			
DEPARTURES	Miles	306.7	10.2	0.6		-1.4	2.5	0.00	0.01	0.01	Intensity	GLAZE	SLEET	SNOW	FOG		Dew	Frost																			
MAXIMUM DATES		Dates	143.0	38	South	99	80	30.20	30.17	30.18	0.22	GLAZE	SLEET	SNOW	FOG		Dew	Frost																			
1		Jun-19	Jun-19	15:56	Jun-06	Jun-05	Jun-28	Jun-29	Jun-29	Jun-25																											
2																																					
3																																					
4																																					
MINIMUM DATES		Dates	19.9	12		76	31	29.83	29.61	29.75	-0.17	5. Very Heavy 4. Heavy-Unusual 3. Moderate - Ave. 2. Light - >= Ave. 1. Very Light - Slight - Trace M - Event with intensity missing																									
1		Jun-16	Jun-15		Jun-24	Jun-26	Jun-06	Jun-24	Jun-06	Jun-05		N- None No Dew Obs. P- Precip. prevent obs.																									
2					Jun-30	Jun-28																															
Days Min. <=32 °F		0	≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35																										
Days Min >=70°F		7	29	22	13	9	3	0	0	0	0																										

Jun 2017	REMARKS FOR THE MONTH June - 2017
Jun-01	AM WAS VERY CLEAR AND PLEASANT-PM WAS PARTLY CLOUDY AS CUMULUS CAME IN AT 1330-A LITTLE WARM FOR FIRST OF JUNE
Jun-02	BEAUTIFUL JUNE DAY WITH ONLY A FEW FAIR WEATHER CUMULUS AND LOW REL. HUMIDITY
Jun-03	BEAUTIFUL JUNE ONLY A FEW CUMULUS AFTER 1400 THAT LASTED TO 1600
Jun-04	MOSTLY CLEAR AGAIN TODAY AND WARMER WITH MORE REL. HUMIDITY-MAX. DEW POINT WAS 67.9°F
Jun-05	CLOUDY ALL DAY AND HUMID WITH A MAX. DEW POINT OF 71.1°F AND HARD SHOWER FROM 1300-1305 & THEN A SPRINKLE FROM 2115-2120
Jun-06	WATER DROPS ON VINYL OF HOUSE FROM DEW-A COOL AND PLEASANT JUNE DAY UNDER PC SKIES
Jun-07	ONLY DEW ON GRASS-AM BREEZE PREVENTED DEW ON SKY MIRROR-IT WAS 80-95% CLOUDY ALL DAY AND VERY COOL
Jun-08	VERY CLEAR TO 1115 THEN SCATTERED CUMULUS IN PM-EST. CLOUD COVER IN PM 20-30%
Jun-09	CONTINUED PLEASANT WITH COOL NIGHTS AND ABOVE AVERAGE MAX. TEMPS. WITH LOW DEW POINT TEMPS.
Jun-10	ONLY A FEW AM CLOUDS BETWEEN 0800-0900 AND MUCH WARMER-PM WAS VERY CLEAR
Jun-11	VERY CLEAR AM AND ONLY A FEW FAIR WEATHER CUMULUS IN PM-PM EST. 75-80% CLEAR
Jun-12	
Jun-13	
Jun-14	THUNDERSTORM RATING 3-4-3-MORE THAN ONE STORM WITH LIGHTNING AND LONG PERIOD OF RAIN
Jun-15	VERY HUMID DAY WITH MAX. DEW POINT OF 74.7°F AT 1207
Jun-16	TS RATED 1-2-5-DEW ONLY ON GRASS-CLOUDY ALL DAY AND ONLY A LITTLE THUNDER LESS THAN 10 THUNDERS BUT MUCH RAIN MOST SINCE OCT. 8, 2016 WHEN 2.81 INS. WAS REC.
Jun-17	CLOUDY ALL DAY AND VERY HUMID
Jun-18	CLOUDY MORNING AND WINDY PM THAT WAS PC AND VERY HUMID
Jun-19	TS RATED 3-4-4-AM WIND PREVENTED DEW-MOSTLY CLOUDY DAY-SPC HAD A ENHANCED RATE OF STORMS
Jun-20	AM SUN THROUGH AN ALMOST COMPLETE THIN CIRRUS OVERCAST BUT PM WAS COMPLETELY CLOUDY AFTER 1500
Jun-21	
Jun-22	SUN THROUGH BOTH HAZE AND THIN CIRRUS CLOUDS-RAIN TO SW OF VA FROM REMNANTS OF TROPICAL STORM CINDY-HIGH DEW POINT OF 75°F
Jun-23	VERY HUMID AND MOSTLY CLOUDY ALL DAY WITH MAX. DEW POINT OF 76.7°F AT 1710 AND ALSO BREEZY
Jun-24	WINDY NIGHT WITH ONLY A TRACE OF RAIN FOLLOWED BY VERY CLEAR AM AND PM WAS ALSO CLEAR EXCEPT FROM 1545-SUNSET WHEN IT WAS PC
Jun-25	COOLER AND LESS HUMID WITH A MAX. DEW POINT OF 67.2°F AT 1052-SUN THROUGH CUMULUS TO 1245 AND THEN CIRRUS AND CIRROSTRATUS FROM 1700
Jun-26	NO CLOUDS SEEN UNTIL NOON AND PM HAD SCATTERED FAIR WEATHER CUMULUS
Jun-27	COOL FOR END OF JUNE WITH LOW DEW POINT OF ONLY 49.2°F AT 1215
Jun-28	RECORD LOW MIN. 8°F LOWER THAN PREVIOUS RECORD AND ONLY 2 DEGREES FROM ALL TIME REC. LOW FOR JUNE-ONLY A FEW CUMULUS CLOUDS
Jun-29	WARMER WITH A CLEAR AM BUT THE PM HAD BOTH CIRRUS AND CUMULUS CLOUDS AFTER 1315 AND THE PM WAS ABOUT 30% CLOUDY
Jun-30	HOT DAY WITH EVENING SPRINKLES THAT WERE VERY LIGHT

DATE

EXTENSION OF LENGTHY DAILY 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/glenallenclimate/log/2016/2016\\_Obs\\_Rules.pdf](http://www.glenallenweather.com/upload/glenallenclimate/log/2016/2016_Obs_Rules.pdf)

DAILY RECORDS FOR THE MONTH

41

Jun 2017

The Glen Allen Station had 14 Records or Record Ties in June 2017

1  
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The daily temperature range on the 3rd was 31.6°F, a new 8-year HIGH daily temperature range record for the date - the old record was 28°F in 2014.

The minimum temperature on the 8th was 54°F, a new 8-year LOW daily minimum temperature record for the date - the old record was 55°F in 2012.  
The maximum temperature on the 8th was 74°F, a new 8-year cold daily maximum temperature record for the date - the old record was 78°F in 2010.

The minimum temperature on the 10th was 58.3°F, a new 8-year LOW daily minimum temperature record for the date - the old record was 59.1°F in 2016.  
The daily temperature range on the 10th was 30.5°F, a new 8-year HIGH daily temperature range record for the date - the old record was 29°F in 2012.

The daily precipitation on the 14th was 0.95 inches, a new 8-year HIGH daily precipitation record for the date - the old record was 0.03 inches in 2014.  
The daily temperature range on the 14th was 23.5°F, a new 8-year HIGH daily temperature range record for the date - the old record was 22°F in 2011 and 2010.

The daily precipitation on the 16th was 1.93 inches, a new 8-year HIGH daily precipitation record for the date - the old record was 1.55 inches in 2016.  
This was the most rain in one day since October 8, 2016 when Glen Allen had 2.81 inches from the remnants of tropical storm Matthew.

The minimum temperature on the 18th was 72.7°F, a new 8-year warm daily minimum temperature record for the date - the old record was 72°F in 2014.  
The daily precipitation on the 19th was 1.14 inches, a new 8-year HIGH daily precipitation record for the date - the old record was 0.18 inches in 2014.

The minimum temperature on the 24th was 77.1°F, a new 8-year warm daily minimum temperature record for the date - the old record was 74°F in 2010.  
The daily temperature range on the 24th was 12°F, a new 8-year LOW daily temperature range record for the date - the old record was 14.2°F in 2015.

The daily temperature range on the 26th was 26.5°F, a new 8-year HIGH daily temperature range record for the date - the old record was 25°F in 2012.

The minimum temperature on the 28th was 54.1°F, a new 8-year LOW daily minimum temperature record for the date - the old record was 62°F in 2012.