

May 2019 West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz

		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
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		78.92		58.27		20.65	68.60		66.84	1.15	1.19	5.41	0.93	0.23	0.0	0.0	71.8	Percent	
DEPARTURES		4.54		3.41		1.13	4.0		3.04	-0.15	-0.09	-1.64	0.18	-0.04			2.8	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	91.0	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.	26.1		Dep.		Dep.					Normal	1.17						Date	May 31	
Departure	2.9		3.2		-0.2					Depart	-0.12						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	62.9	May-15	40.7	May-11	May-14	May-21	May-01	CLEAR	12	8	8	DAYS	1	DAYS	0	DAYS	
Ave.	2.2		Dep.		Dep.				May-15	PT. CLO.	7	12		Hottest	82.2	Highest	Coolest	56.4	Lowest
Departure	-0.2		1.0		1.1					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						

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May 2019 West Henrico Co. - Glen Allen Weather Center 37.6537° 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 2019	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE												
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG	DEW	FROST			
May-01			69.9	15	17:02	95	46	30.30	30.15	30.23	0.03				1		3			
May-02			105.1	21	11:35	90	56	30.18	30.04	30.11	-0.12						N			
May-03			118.0	21	16:49	85	50	30.08	29.89	29.99	-0.13						N			
May-04			64.7	12	8:28	94	52	29.91	29.74	29.83	-0.16				1		3			
May-05	1505	1645	60.4	22	18:29	97	75	29.81	29.59	29.70	-0.13						P			
May-06			62.6	17	0:17	94	57	30.11	29.81	29.96	0.26						P			
May-07			76.7	16	15:01	96	55	30.20	30.10	30.15	0.19						4			
May-08			56.1	14	15:19	95	58	30.17	30.07	30.12	-0.03						2			
May-09			82.4	19	21:55	96	56	30.17	30.05	30.11	-0.01						P			
May-10			132.1	22	14:31	86	64	30.11	29.96	30.04	-0.07						1			
May-11	1908	2050	52.8	13	11:35	97	75	30.03	29.86	29.95	-0.09				1		2			
May-12	0555	0745	64.2	15	12:31	99	88	29.87	29.68	29.78	-0.17						P			
May-13	0440	0800	58.8	13	3:17	97	79	29.85	29.74	29.80	0.02						P			
May-14			42.7	17	12:07	98	52	30.00	29.82	29.91	0.11						5			
May-15			39.6	11	12:35	96	39	30.03	29.93	29.98	0.07						4			
May-16			51.4	13	15:48	91	42	29.99	29.87	29.93	-0.05						3			
May-17			60.9	14	15:09	94	57	29.93	29.81	29.87	-0.06				3		2			
May-18			32.0	13	20:12	97	52	30.02	29.88	29.95	0.08						P			
May-19			95.1	20	16:33	94	49	30.04	29.91	29.98	0.03						3			
May-20			112.3	19	16:16	89	54	29.96	29.82	29.89	-0.09						N			
May-21			65.7	14	11:43	96	51	30.14	29.88	30.01	0.12						4			
May-22			58.1	13	17:53	93	43	30.27	30.13	30.20	0.19						3			
May-23			131.7	24	8:30	85	63	30.26	30.00	30.13	-0.07						N			
May-24			60.2	13	14:30	91	58	30.09	29.96	30.03	-0.11						1			
May-25			64.7	16	15:18	94	55	30.18	30.03	30.11	0.08						3			
May-26			56.7	20	16:46	95	49	30.06	29.91	29.99	-0.12				1		3			
May-27			47.6	14	0:53	95	59	29.99	29.90	29.95	-0.04						3			
May-28			80.5	20	14:52	96	52	29.92	29.73	29.83	-0.12						P			
May-29			65.9	19	15:45	91	50	29.82	29.71	29.77	-0.06						2			
May-30			81.4	19	9:00	89	45	29.86	29.72	29.79	0.02						N			
May-31	1925	2300	47.8	21	20:42	94	45	29.89	29.74	29.82	0.02					3	P			
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	3.4	5.7	16.4	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	-1.4	-1.7	1.6	-0.2		
NORMALS	Miles	1647.0	53.1	18.1		93.8	49.9	30.09	29.94	30.02	Rating ▶	0	0	0	2	8	51	0		
DEPARTURES	Miles	551.1	17.8	-1.3		-0.3	5.8	-0.05	-0.06	-0.05	Intensity	GLAZE	SLEET	SNOW	FOG		Dew	Frost		
MAXIMUM DATES		Dates	132.1 May-10	24 May-23	ESE 8:30	99 May-12	88 May-12	30.30 May-01	30.15 May-01	30.23 May-01	0.26 May-06	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.								
Min. Temps. >= 70°F		Dates	32.0 2019 2	11 May-15	31.9 Dep.	85 May-03	39 May-15	29.81 May-05	29.59 May-05	29.70 May-05	-0.17 May-12									
Ave.		2.2	1 May-18	1 May-15	-7.9	1 May-23														
Departure		-0.2	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					

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 STAROSTRATUS 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

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

[Rules for making Observations in 2019](#)

May
2019

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.

MAY TEMPERATURE GRAPH

