

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	MAX.	Time	MIN.	Time	RANGE	MEAN	CHANGE	SOIL	SKY		PRECIPITATION			FROZ. PRECIP.		1st PERIOD		
										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
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		78.31		57.75		20.56	68.03		66.62	1.15	1.18	4.70	0.83	0.24	0.0	0.0	71.4	Percent	
DEPARTURES		6.10		5.19		0.91	5.6		2.19	0.01	0.08	7.12	1.00	-0.07			4.2	Percent	
Max. Temps. >= 70°F		93	High Max	73	High Min	42.6	80.3	10.4	75.0	Whole Day		5.09	1.83	0.17			Precip	24 Hr.	
2018 31		May-12	90.8	May-30	70.8	May-01	May-27	May-20	May-28	AVERAGE 1.21		May-18	May-18	May-10			Amount	6.10	
Ave. 25.6			Dep. 2.0		Dep. 2.1				May-29	Normal 1.16							Date	May 17	
Departure 5.4									May-30	Depart 0.05							May 18		
Min. Temps. >70°F		74	Low Max	41	Low Min	10.4	62.5	-9.1	60.0	SKY		AM	PM	>= 0.10 INCHES		>= 1.00 INCHES		>= 2.00 INCHES	
2018 6		May-07	61.7	May-01	40.7	May-30	May-01	May-05	May-01	CLEAR		11	9	10 DAYS		3 DAYS		1 DAYS	
Ave. 1.8			Dep. 11.9		Dep. 0.5				May-02	PT. CLO.		4	5	Hottest 80.3		Highest 62.5		Lowest	
Departure 4.2										CLOUDY		16	17	DAY 5-27		Mean		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				<div>⌚</div>							
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG		DEW	FROST	
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	3.6	5.4	16.7	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	-1.6	2.6	-2.7	-0.2
NORMALS	Miles		1570.2	50.7	18.1		93.8	49.1	30.09	29.94	30.01	Rating ► Intensity	0	0	0	2	16	42	0
DEPARTURES	Miles		767.7	24.8	-0.1		0.1	8.3	0.01	0.02	0.01		GLAZE	SLEET	SNOW	FOG	⌚	Dew	Frost
MAXIMUM DATES		Dates	159.9 May-03	47 May-14	NNW 19:29  Column 24 Ave. Max.	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	<div>5. Very Heavy 4. Heavy-Unusual 3. Moderate - Ave. 2. Light - &gt;= Ave. 1. Very Light - Slight - Trace M - Event with intensity missing</div> <div>N- None No Dew Obs. P- Precip. prevent obs.</div>							
MINIMUM DATES		Dates	26.5 May-16	11 May-29	30.2 Dep. 16.8	72 May-03	18 May-01	29.95 May-26	29.82 May-06	29.90 May-26	-0.15 May-10								
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
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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 MAY 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	EVER REC. IN MAY-PREVIOUS REC. 40 MPH REC. IN MAY, 2014  <b>THIS WAS THE WARMEST AND WETNESS MAY ON RECORD AT GLEN ALLEN SPRINGFIELD PARK STATION.</b>
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 <a href="http://www.glenallenweather.com/upload/glenallenclimate/log/2017/2017_Obs_Rules.pdf">www.glenallenweather.com/upload/glenallenclimate/log/2017/2017_Obs_Rules.pdf</a>

## 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	
8	
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 TEMPERATURE GRAPH

Temperature in Degrees F

