

PAGE #1		Feb 2019		West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.5693° W. - Koontz															
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Feb 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	
Feb-01	Fri	30.4	13:48	18.5	5:33	11.9	24.5	3.1	38	2	2	0.02	0.01	0.01	0.1	0.1	1305	1540	
Feb-02	Sat	46.2	15:47	19.8	7:27	26.4	33.0	8.6	37	0	0								
Feb-03	Sun	64.2	14:10	29.7	3:34	34.5	47.0	14.0	38	1	2								
Feb-04	Mon	66.0	14:29	33.0	7:19	33.0	49.5	2.6	40	0	0								
Feb-05	Tue	75.4	14:47	36.9	4:37	38.5	56.2	6.7	42	0	0								
Feb-06	Wed	72.4	13:43	48.1	6:00	24.3	60.3	4.1	44	1	2	0.03	0.02	0.01			1515	1855	
Feb-07	Thu	61.1	4:59	49.5	23:51	11.6	55.3	-5.0	46	2	2	T	T	T			0210	0255	
Feb-08	Fri	68.3	13:47	40.3	23:53	28.0	54.3	-1.0	48	2	1								
Feb-09	Sat	40.5	13:22	23.7	23:46	16.8	32.1	-22.2	48	2	1								
Feb-10	Sun	45.2	13:58	18.1	6:46	27.1	31.7	-0.4	44	1	2	0.16	0.08	0.01			1940	2400	
Feb-11	Mon	38.9	15:15	34.1	0:37	4.8	36.5	4.9	44	2	2	0.25	0.09	0.01			0001	0600	
Feb-12	Tue	41.4	16:37	35.1	5:44	6.3	38.3	1.8	44	2	2	1.35	0.41	0.08			0001	2400	
Feb-13	Wed	54.1	14:43	32.1	23:36	22.0	43.1	4.9	43	0	0								
Feb-14	Thu	59.2	13:43	29.2	6:55	30.0	44.2	1.1	43	0	2								
Feb-15	Fri	65.1	14:02	51.7	0:10	13.4	58.4	14.2	44	2	2								
Feb-16	Sat	55.7	1:07	28.6	23:39	27.1	42.2	-16.3	46	2	2	0.40	0.14	0.02	0.3	T	0025	0300	
Feb-17	Sun	41.8	15:43	25.3	5:36	16.5	33.6	-8.6	44	2	2	0.84	0.35	0.06			1255	1420	
Feb-18	Mon	58.9	13:19	37.4	0:47	21.5	48.2	14.6	43	1	2	0.19	0.12	0.02			0001	0750	
Feb-19	Tue	46.2	14:25	28.9	5:48	17.3	37.6	-10.6	44	1	2								
Feb-20	Wed	37.7	1:28	30.5	6:31	7.2	34.1	-3.5	44	2	2	0.71	0.10	0.01	1.0	0.4	0305	2150	
Feb-21	Thu	58.7	16:17	33.1	0:01	25.6	45.9	11.8	43	2	2	0.02	0.01	T			0100	0130	
Feb-22	Fri	49.7	13:56	42.6	8:09	7.1	46.2	0.3	44	2	2	0.44	0.16	0.03			0200	1050	
Feb-23	Sat	42.8	0:01	38.0	23:38	4.8	40.4	-5.8	45	2	2	0.72	0.15	0.02			0001	0515	
Feb-24	Sun	61.9	16:57	38.1	0:01	23.8	50.0	9.6	44	2	1	0.29	0.09	0.01			0130	0845	
Feb-25	Mon	56.8	14:54	35.3	6:08	21.5	46.1	-4.0	45	0	0								
Feb-26	Tue	63.1	14:50	29.7	7:07	33.4	46.4	0.4	44	0	1								
Feb-27	Wed	49.1	12:38	33.5	7:15	15.6	41.3	-5.1	45	2	2	T	T	T			1705	1720	
Feb-28	Thu	55.4	13:38	39.6	5:15	15.8	47.5	6.2	46	0	2								
TOTAL NUMBER		1506	28	940	28	565.8	1223.3	26.2	1220	35	42	5.42	1.73	0.29	1.4	0.5	Col.26-27		
AVERAGE		53.79	12:43	33.59	8:55	20.21	43.69		43.57	1.25	1.50	Ave. Tot.	Ave. Max	Ave. Max	Ave.Tot.	Ave. Days	71.9	Percent	
NORMALS		52.11		30.47		21.64	41.29		42.58	1.18	1.20	2.71	0.37	0.09	4.2	3.6	62.6	Percent	
DEPARTURES		1.68		3.11		-1.44	2.40		0.99	0.07	0.30	2.71	0.04	-0.01	-2.8	-3.1	9.3	Percent	
Max. Temps. >= 70°F		75.4	High Max	51.7	High Min	38.5	60.3	14.6	48	Whole Day		1.35	0.41	0.08	1.0	0.4	Precip	24 Hr.	
2019 2		Feb-05	73.4	Feb-15	48.8	Feb-05	Feb-06	Feb-18	Feb-08	Ave.	1.38	Feb-12	Feb-12	Feb-12	Feb-20	Feb-20	Amount	1.58	
Ave. 3.3			Dep.		Dep.				Feb-09	Normal	1.19						Date	Feb. 11	
Departure -1.3			2.0		2.9					Depart.	0.19						Date	Feb. 12	
Min. Temps. <= 32°F		30.4	Low Max	18.1	Low Min	4.8	24.5	-22.2	37	SKY		>= 0.10 INCHES		>= 1.00 INCHES		>= 2.00 INCHES			
2019 12		Feb-01	32.8	Feb-10	13.5	Feb-11	Feb-01	Feb-09	Feb-02	AM	PM	10 DAYS		1 DAYS		0 DAYS			
Ave. 17.9			Dep.		Dep.					CLEAR	8	5	HOTTEST DAY		60.3	Highest Mean	Lowest Mean	COOLEST DAY	24.5
Departure -5.9			-2.4		4.6					PT. CLO.	5	4	DAY		Feb-06			DAY	Feb-01
										CLO.	15	19							
Days Max. <=32 °F		1		MAX.	>=85	>=80	>=75	>=70	>=65	>=60	>=55	>=50	>=45	>=40	>=35	>=30	>=25	>=20	
Days Max. >=90°F		0		DAYS	0	0	0	2	4	9	14	17	21	25	27	28	28	28	

20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Feb 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							
Feb-01			47.9	14	20:55	86	69	30.42	30.30	30.36	-0.04			1				1
Feb-02			43.5	15	14:06	92	57	30.42	30.18	30.30	-0.06							1
Feb-03			36.0	10	13:41	95	47	30.19	30.06	30.13	-0.18							4
Feb-04			26.7	9	13:43	96	46	30.10	29.99	30.05	-0.08							4
Feb-05			38.6	11	12:56	93	49	30.09	29.97	30.03	-0.02							4
Feb-06			55.5	16	10:13	96	59	30.12	29.95	30.04	0.00							3
Feb-07	1110	1300	43.3	12	11:47	98	90	30.08	29.92	30.00	-0.04				2			P
Feb-08			100.1	26	13:29	99	25	30.41	29.88	30.15	0.15							4
Feb-09			79.3	17	14:41	69	32	30.76	30.40	30.58	0.43							N
Feb-10			36.6	12	13:26	91	39	30.74	30.36	30.55	-0.03							4
Feb-11	0650	1025	46.1	10	16:39	96	91	30.36	30.20	30.28	-0.27							P
Feb-12			55.1	11	1:26	97	96	30.26	29.69	29.98	-0.31							P
Feb-13			112.6	28	9:19	98	37	30.00	29.70	29.85	-0.13							P
Feb-14			74.8	17	20:20	83	28	30.15	29.92	30.04	0.18							1
Feb-15			155.5	23	5:19	71	47	29.92	29.70	29.81	-0.22							N
Feb-16	0610	1600	54.7	16	4:57	96	42	30.04	29.75	29.90	0.08		1	1				P
Feb-17	1735	2400	49.2	15	13:51	96	67	30.16	29.92	30.04	0.15							4
Feb-18			96.9	23	12:06	97	44	30.40	29.77	30.09	0.05							P
Feb-19			68.0	15	11:38	85	46	30.64	30.40	30.52	0.43							2
Feb-20	2310	2345	45.2	14	8:23	97	49	30.59	30.05	30.32	-0.20	1	1	2				P
Feb-21			51.1	14	5:03	97	79	30.21	29.99	30.10	-0.22							P
Feb-22	1800	2400	25.4	8	13:31	96	68	30.45	30.20	30.33	0.22							P
Feb-23	0600	2240	56.4	11	16:20	97	92	30.43	30.07	30.25	-0.07							P
Feb-24			135.4	28	20:25	98	35	30.07	29.54	29.81	-0.45							P
Feb-25			114.9	28	10:56	54	17	30.35	29.83	30.09	0.29							N
Feb-26			61.5	15	15:35	76	25	30.43	30.25	30.34	0.25							2
Feb-27	1755	1815	87.2	14	0:41	93	64	30.35	29.98	30.17	-0.18							1
Feb-28			120.2	20	8:46	96	46	30.19	29.90	30.05	-0.12							3

TOTAL NUMBER	Feb. Wind Run	1917.7	452	28	2538	1486	848.33	839.87	844.10	DAYS	1	2	3	1	0	6	8	
AVERAGE	Total	1917.7	68.5	16.1	11:56	90.6	53.1	30.30	30.00	30.15	Normal	1.0	1.4	3.9	2.3	0.7	3.3	8.5
NORMALS	Miles	1915.4	67.88	20.33		84.52	40.35	30.20	29.91	30.06	Depart.	0.0	0.6	-0.9	-1.3	-0.7	2.7	-0.5
Departures	Miles	2.3	0.6	-4.2		6.1	12.7	0.10	0.08	0.09	Rating	1	2	4	2	0	19	19
											Intensity	GLAZE	SLEET	SNOW	FOG	K	Dew	Frost
	MAXIMUM DATES	Dates	155.5	28	South	99	96	30.76	30.40	30.58	0.43							
		1	Feb-15	Feb-13	9:19	Feb-08	Feb-12	Feb-09	Feb-09	Feb-09	Feb-09							
		2		Feb-24	20:25				Feb-19		Feb-19							
		3		Feb-25	10:56													
		4			Ave. Max.													
	MINIMUM DATES	Dates	25.4	8	38.0	54	17	29.92	29.54	29.81	-0.45							
		1	Feb-22	Feb-22	Dep.	Feb-25	Feb-25	Feb-15	Feb-24	Feb-24	Feb-24							
		2			-10.0													
	Days Min. <=32°F	12	MIN.	<=75	<=70	<=65	<=60	<=55	<=50	<=45	<=40	<=35	<=30	<=25	<=20	<=15	<=10	
	Days Min >=70°F	0	Days	28	28	28	28	28	27	25	24	18	10	5	3	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.

Feb
2019REMARKS FOR THE MONTH
February - 2019

Feb-01	SNOW FLURRIES HARDLY DETECTABLE 1225-1304 THEN EASILY SEEN FLURRIES 1305-1540-MOST OF THE SNOW WAS IN FORM OF SNOW PELLETS
Feb-02	MOSTLY CLEAR ALL DAY WITH A LITTLE BELOW AVERAGE TEMP.
Feb-03	FILTERED SUN THROUGH CIRRUS AND CIRROSTRATUS IN PM-LESS IN AM
Feb-04	BEAUTIFUL SPRINGLIKE DAY-DEEP BLUE SKY AND PLEASANT TEMPS.
Feb-05	A GREAT FEB. DAY ONLY A FEW CIRRUS MOST OF DAY-AIRPORT MISSED THE REC. MAX. TEMP. BY 1°F
Feb-06	MORNING WAS PC AND WARM AND AFTERNOON BECAME CLOUDY WITH SPRINKLES
Feb-07	CLOUDS ALL DAY WITH SOME MIST AND DRIZZLE WITH FOG AFTER DARK AT 2200
Feb-08	DECK STILL WET WITH PRECIP. BUT THERE WAS ALSO DEW-PM EST. 55-65% CLOUDY
Feb-09	AM CLOUDY WITH NO DEW-CLOUDS BECAME CIRRUS FIBROUS AFTER NOON WITH SOME FILTERED SUN IN PM
Feb-10	CLOUDS CAME IN AT 1015 PC BUT PM WAS COMPLETELY CLOUDY
Feb-11	3RD PD. OF RAIN 1130-1450-GLOOMY DARK DAY WITH SMALL TEMP. RANGE
Feb-12	WHEN IT WASN'T RAINING THERE WAS DRIZZLE AND TODAY WAS ANOTHER DARK GLOOMY DAY
Feb-13	WINDY BUT FINALLY AN ALMOST FULL DAY OF SUN
Feb-14	4 CHERRY TREES AND 1 DAFFODIL BLOOMING SEEN ON TODAY'S WALK-MOSTLY CLEAR IN AM AND A CLOUDY PM
Feb-15	CLOUDY BUT WARM BREEZY DAY WITH RAIN EXPECTED TONIGHT
Feb-16	A STRANGE DAY-IT RAINED, SNOWED, SLEETED, RAINED, SNOWED THEN THE SUN CAME OUT
Feb-17	ALL RAIN FROZE AND A VERY WHITE MORNING ON THE YARD BUT MOST WASN'T FROST BUT FROZEN RAIN-CLOUDY ALL DAY EXCEPT 0830-0915
Feb-18	FILTERED SUN THROUGH CIRRUS IN AM-EST. CLOUDY COVER 60% THEN THICKER CIRROSTRATUS AND ALTOSTRATUS IN PM-PM WAS TOTALLY CLOUDY
Feb-19	FILTERED SUN THROUGH CIRRUS IN AM EST. 50% CLO.-PM CLOUDY FROM 1215 TO DARK
Feb-20	VERY DAMP COLD DAY WITH ALL DAY PRECIP. AS SNOW, SLEET, AND FREEZING RAIN THAT ENDED IN RAIN WITH A LOW TEMP. RANGE
Feb-21	CLOUDY ALL MORNING-THIN CIRRUS 1313-1400-CLEAR PD. FROM 1500-1645-PM EST. TO BE 70-80% CLO.
Feb-22	ANOTHER VERY CLOUDY DAY WITH RAIN IN AM BUT BREAK IN PM-GLEN ALLEN IS UNDER A FLOOD WATCH
Feb-23	ALL DAY RAIN-FLOOD WARNING EST. OF 15 FEET FOR JAMES RIVER-VERY WET CONDITIONS
Feb-24	RAIN AT SUNRISE BUT CLEARING BY 1420 AND PM EST. TO BE 38%
Feb-25	VERY LOW DEW POINT OF 17°F AT 1632-MIN. REL. HUMIDITY DROPPED TO 17%-NO CLOUDS SEEN TODAY
Feb-26	FROST ONLY ON GRASS NONE ON SKY MIRROR OR DECK-JAMES RIVER TO CREST AT 16.2 FT TODAY-JAMES WAS THE HIGHEST SINCE JAN. 27, 2010 WHEN IT WAS ABT. 18 FEET
Feb-27	CLOUDY AND COLD AFTER WARMTH OF YESTERDAY - MANY CHERRY TREES BLOOMING NOW, BUDS SEEN ON RED MAPLES AND ORNAMENTAL PEARS-VERY LIGHT DRIZZLE
Feb-28	RATHER CLOUDY MONTH ENDS WITH CLEAR MORNING WITH A BLUE SKY AND CLOUDS CAME IN AT 1400 GIVING A CLOUDY AFTERNOON- RAIN IS FORECAST FOR TONIGHT

DATE

EXTENSION OF LENGTHY DAILY REMARKS

Feb-26	THIN CIRRUS BY NOON AND CLOUDY BY 1500
Feb-27	BETWEEN 1705-2300 BUT STEADY DRIZZLE BETWEEN 2100-2230 NOT ENOUGH TO MEASURE
	THE WIND WAS 28 MPH ON 3 DATES -- (THE 13TH AT 0919 FROM THE SOUTH) -- (THE 24TH AT 2025 FROM THE WSW) -- (THE 25TH AT 1056 FROM THE NW)

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](#)

The Glen Allen Station had 23 Records or Record Ties in FEBRUARY 2019

1	The maximum temperature on the 1st was 30.4°F, a new 10-year cold daily maximum temperature record for the date - the old record was 37°F in 2013. The daily temperature range on the 1st was 11.9°F, a new 10-year LOW daily temperature range record for the date - the old record was 18°F in 2008. The daily greatest snow on the 1st was 0.1 inches, and is a new 8-year daily greatest snow record for the date - the old record was 0 inches.
2	
3	The daily temperature range on the 3rd was 34.5°F, a new 10-year HIGH daily temperature range record for the date - the old record was 26.1°F in 2016.
4	The daily temperature range on the 4th was 33°F, a new 10-year HIGH daily temperature range record for the date - the old record was 28.1°F in 2015. The maximum temperature on the 4th was 66°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 61.6°F in 2016.
5	The daily temperature range on the 5th was 38.5°F, a new 10-year HIGH daily temperature range record for the date - the old record was 25.7°F in 2017. The maximum temperature on the 5th was 75.4°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 59°F in 2013.
6	The maximum temperature on the 6th was 72.4°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 66.4°F in 2017. The minimum temperature on the 6th was 48.1°F, a new 10-year warm daily minimum temperature record for the date - the old record was 33.2°F in 2017.
7	
8	
9	
10	The minimum temperature on the 10th was 18.1°F, a new 10-year LOW daily minimum temperature record for the date - the old record was 19.1°F in 2017.
11	The daily temperature range on the 11th was 4.8°F, a new 10-year LOW daily temperature range record for the date - the old record was 15°F in 2014.
12	The daily temperature range on the 12th was 6.3°F, a new 10-year LOW daily temperature range record for the date - the old record was 11°F in 2014. The daily precipitation on the 12th was 1.35 inches, a new 10-year HIGH daily precipitation record for the date - the old record was 0.50 inches in 2014.
13	
14	The daily temperature range on the 14th was 30°F, a new 10-year HIGH daily temperature range record for the date - the old record was 29°F in 2009.
15	
16	
17	The daily precipitation on the 17th was 0.84 inches, a new 10-year HIGH daily precipitation record for the date - the old record was 0.31 inches in 2018.
18	The daily precipitation on the 18th was 0.19 inches, and EQUALED the, 10-year HIGH daily precipitation record for the date - the old record was set in 2009.
19	
20	The daily precipitation on the 20th was 0.57 inches, a new 10-year HIGH daily precipitation record for the date - the old record was 0.01 inches in 2012. The daily temperature range on the 20th was 7.2°F, a new 10-year LOW daily temperature range record for the date - the old record was 19°F in 2012. The daily greatest snow on the 20th was 1.0 inches, and is a new 10-year daily greatest snow record for the date - the old record was 0.1 inches, in 2012.
21	
22	The daily precipitation on the 22nd was 0.44 inches, a new 10-year HIGH daily precipitation record for the date - the old record was 0.33 inches in 2015.
23	
24	
25	
26	The daily temperature range on the 26th was 33.4°F, a new 10-year HIGH daily temperature range record for the date - the old record was 29°F in 2009.
27	The daily precipitation on the 27th was Trace, and EQUALED the, 10-year HIGH daily precipitation record for the date - the old record was set in 2012 and 2011.
28	

TEMPERATURE GRAPH FOR FEBRUARY 2019

