

PAGE #1		Jan 2020		West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.5693° W. - Koontz																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19					
Jan 2020	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					
Jan-01	Wed	54.7	14:28	30.5	7:29	24.2	42.6	-16.0	49	0	0												
Jan-02	Thu	60.6	15:22	31.8	7:06	28.8	46.2	3.6	47	2	2												
Jan-03	Fri	57.8	15:09	45.6	3:36	12.2	51.7	5.5	47	2	2	0.26	0.09	0.01			0018	0630					
Jan-04	Sat	63.7	15:00	44.6	23:53	19.1	54.2	2.5	48	2	2	0.46	0.22	0.04			0001	0255					
Jan-05	Sun	51.0	13:52	32.0	23:54	19.0	41.5	-12.7	50	0	0	T	T	T			0010	0020					
Jan-06	Mon	57.5	14:16	30.5	4:28	27.0	44.0	2.5	48	0	0												
Jan-07	Tue	42.3	15:11	28.8	5:09	13.5	35.6	-8.5	46	2	2	0.36	0.22	0.02			1055	1500					
Jan-08	Wed	53.5	13:54	27.7	23:59	25.8	40.6	5.1	45	0	0												
Jan-09	Thu	43.6	14:15	23.2	7:26	20.4	33.4	-7.2	44	0	0												
Jan-10	Fri	61.6	15:00	35.8	3:14	25.8	48.7	15.3	43	2	1												
Jan-11	Sat	71.6	14:27	58.9	3:23	12.7	65.3	16.6	45	2	2	0.04	0.04	0.01			1518	1805					
Jan-12	Sun	71.9	14:24	47.9	22:56	24.0	59.9	-5.3	49	2	0	0.22	0.20	0.05			0050	0325					
Jan-13	Mon	57.2	15:38	48.0	21:57	9.2	52.6	-7.3	50	2	2												
Jan-14	Tue	52.3	14:18	47.1	6:38	5.2	49.7	-2.9	50	2	2	0.86	0.48	0.07			0310	0335					
Jan-15	Wed	55.3	14:34	46.6	8:35	8.7	51.0	1.3	50	2	2	0.01	0.01	T			1330	1340					
Jan-16	Thu	61.8	14:20	36.6	23:59	25.2	49.2	-1.8	50	1	0												
Jan-17	Fri	41.9	12:54	26.9	21:01	15.0	34.4	-14.8	49	0	0												
Jan-18	Sat	40.0	23:58	28.2	0:01	11.8	34.1	-0.3	47	2	2	0.17	0.01	0.01	T	None	0455	0525					
Jan-19	Sun	53.2	14:20	27.3	23:20	25.9	40.3	6.2	46	0	0												
Jan-20	Mon	36.4	13:30	22.8	4:06	13.6	29.6	-10.7	45	0	0												
Jan-21	Tue	37.2	14:22	18.2	4:59	19.0	27.7	-1.9	43	0	0												
Jan-22	Wed	42.7	14:21	19.1	6:57	23.6	30.9	3.2	41	0	0												
Jan-23	Thu	45.0	14:02	20.8	6:54	24.2	32.9	2.0	41	2	2												
Jan-24	Fri	60.3	15:38	31.6	0:28	28.7	46.0	13.1	41	2	2	0.01	0.01	T			1200	1250					
Jan-25	Sat	62.1	14:08	37.7	23:59	24.4	49.9	4.0	43	2	2	0.90	0.51	0.07			0001	0720					
Jan-26	Sun	54.0	13:32	29.7	6:45	24.3	41.9	-8.1	45	0	1												
Jan-27	Mon	55.0	14:23	29.2	5:56	25.8	42.1	0.3	44	1	0												
Jan-28	Tue	47.8	13:53	29.9	23:33	17.9	38.9	-3.3	44	2	2												
Jan-29	Wed	48.9	14:40	26.5	3:06	22.4	37.7	-1.1	44	2	1												
Jan-30	Thu	45.1	11:58	25.2	6:16	19.9	35.2	-2.6	43	2	2												
Jan-31	Fri	45.2	14:34	24.9	6:08	20.3	35.1	-0.1	42	2	2	0.09	0.06	0.01			1555	2255					
TOTAL		1631		1014		617.6	1322.4	-23.6	1419	38	33	3.38	1.85	0.29	T	0	Column 26 - 27						
NUMBER		31	31	31	31	31	31	31	31	31	31	11	11	9	0	0	DAILY AVE RH						
AVERAGE		52.62	14:39	32.70	11:00	19.92	42.66		45.77	1.23	1.06	Ave. Tot.	Ave.Max	Ave.Max	Ave.Tot.	Ave.Days	72.9	Percent					
NORMALS		47.11		27.31		19.80	37.21		41.91	1.13	1.14	3.30	0.36	0.09	5.3	3.2	66.0	Percent					
DEPARTURES		5.51		5.39		0.12	5.45		3.86	0.10	-0.08	0.08	0.15	-0.02	-5.3	-3.2	6.9	Percent					
MaxTemps. >= 70°F		71.9	Ave.HighMax	58.9	Ave.HighMin	28.8	65.3	16.6	50	Whole	Day	0.90	0.51	0.07	T	0.0	Precip	24 Hr.					
2020 2		Jan-12	68.0	Jan-11	46.5	Jan-02	Jan-11	Jan-11	Jan-05	AVE.	1.15	Jan-25	Jan-25	Jan-14	Jan-18		Amount	0.91					
Ave. 0.7			Dep.		Dep.				Jan-13	Normal	1.13			Jan-25			Date	Jan 24					
Departure 1.3			3.9		12.4				Jan-14	Depart.	0.01						Date	Jan '25					
MinTemps. <= 32°F		36.4	Ave.LowMax	18.2	Ave.LowMin	5.2	27.7	-16.0	41	SKY	AM	PM	≥ 0.10	INCHES	≥ 1.00	INCHES	≥ 2.00	INCHES					
2020 21		Jan-20	26.4	Jan-21	7.8	Jan-14	Jan-21	Jan-01	Jan-22	CLEAR	11	13	7	DAYS	0	DAYS	0	DAYS					
Ave. 21.3			Dep.		Dep.				Jan-23	PT. CLO.	2	3	HOTTEST	65.3	Highest	Lowest	COOLEST	27.7					
Departure -0.3			10.0		10.4				Jan-24	CLO.	18	15	DAY	Jan-11	Mean	Mean	DAY	Jan-21					
Days Max. <=32 °F		0			MAX.	≥80	≥75	≥70	≥65	≥60	≥55	≥50	≥45	≥40	≥35	≥30	≥25	≥20					
Days Max. >=90°F		0			DAYS	0	0	2	2	8	11	19	24	29	31	31	31	31					

PAGE #2		Jan 2020 West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.5693° W. - Koontz																								
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38								
Jan 2020	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE				K DEW FROST														
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG		DEW	FROST								
Jan-01			66.2	19	13:22	91	40	29.98	29.76	29.87	0.14							3								
Jan-02			105.3	19	19:17	91	36	30.05	29.92	29.99	0.11							3								
Jan-03	1340	1820	97.9	22	0:33	67	73	29.94	29.78	29.86	-0.13						P									
Jan-04	0450	0920	81.7	20	21:42	98	81	29.81	29.55	29.68	-0.18						P									
Jan-05	0050	0115	77.6	20	5:04	92	47	30.12	29.75	29.94	0.26						P									
Jan-06			54.0	15	13:29	89	37	30.15	29.99	30.07	0.13							3								
Jan-07			50.0	17	15:51	95	65	30.15	29.79	29.97	-0.10							2								
Jan-08			86.6	23	13:12	96	31	30.51	30.07	30.29	0.32							5								
Jan-09			50.6	13	20:39	88	44	30.78	30.50	30.64	0.35							4								
Jan-10			72.5	24	14:06	90	68	30.67	30.42	30.55	-0.09						N									
Jan-11			158.3	27	23:28	95	74	30.42	29.97	30.20	-0.35						N									
Jan-12			103.2	32	5:55	94	44	30.32	29.93	30.13	-0.07						P									
Jan-13			33.6	9	1:42	94	77	30.38	30.30	30.34	0.22						1									
Jan-14	0400	1045	23.0	11	7:26	99	88	30.35	30.10	30.23	-0.11				3	1	P									
Jan-15			15.4	10	22:42	100	87	30.25	30.04	30.15	-0.08				5		N									
Jan-16			111.7	22	14:00	98	28	30.46	29.93	30.20	0.05						4									
Jan-17			85.0	22	10:12	71	39	30.73	30.45	30.59	0.40						2									
Jan-18	1130	1215	82.0	18	23:57	95	60	30.69	29.88	30.29	-0.31		1				P									
Jan-19			130.0	24	1:04	97	37	30.18	29.76	29.97	-0.32						P									
Jan-20			107.7	22	9:47	76	37	30.44	30.17	30.31	0.34							1								
Jan-21			106.1	22	10:30	82	42	30.55	30.43	30.49	0.19							3								
Jan-22			51.4	12	0:05	84	45	30.54	30.41	30.48	-0.02							2								
Jan-23			21.1	9	15:29	91	54	30.46	30.32	30.39	-0.09							4								
Jan-24	1850	1855	110.0	23	23:27	91	76	30.32	29.92	30.12	-0.27						N									
Jan-25			53.3	19	0:17	98	68	29.93	29.81	29.87	-0.25						P									
Jan-26			56.0	16	13:12	96	47	29.95	29.86	29.91	0.04							4								
Jan-27			70.2	16	20:28	91	51	29.90	29.77	29.84	-0.07							3								
Jan-28			45.3	15	9:58	90	54	30.05	29.86	29.96	0.12						2									
Jan-29			24.1	10	11:29	94	51	30.19	30.04	30.12	0.16							3								
Jan-30			43.5	10	14:27	93	56	30.32	30.17	30.25	0.13							4								
Jan-31			21.5	10	16:18	95	60	30.34	30.13	30.24	-0.01							5								
TOTAL			2194.8	551		2821	1697	938.93	930.78	934.86	COUNT	0	1	0	2	1	4	15								
NUMBER	Mar. Wind Run		31	31	31	31	31	31	31	31	NORMAL	1.1	1.1	4.1	3.1	0.5	3.4	10.7								
AVERAGE	Total	2194.8	70.80	17.77	12:40	91.00	54.74	30.29	30.03	30.16	DEPART.	-1.1	-0.1	-4.1	-1.1	0.5	0.6	4.3								
NORMALS	Miles	1916.4	61.82	18.79		85.78	45.66	30.23	29.95	30.09	Rating ▶	0	1	0	8	1	9	49								
DEPARTURES	Miles	278.4	8.98	-1.02		5.22	9.09	0.06	0.08	0.07	Intensity	GLAZE	SLEET	SNOW	FOG	K	Dew	Frost								
MAXIMUM DATES			Dates	158.3	32	South	100	88	30.78	30.50	30.64	0.40	GLAZE	SLEET	SNOW	FOG	K	Dew	Frost							
			1	Jan-11	Jan-12	5:55	Jan-15	Jan-14	Jan-09	Jan-09	Jan-09	Jan-17														
			2																							
			3			Wind																				
Min. Temps. >= 70°F						Ave. Max.						5. Very Heavy N- None No Dew Obs.														
2020 0												4. Heavy-Unusual P- Precip. prevent obs.														
Ave. 0.0												3. Moderate - Ave.														
Departure 0.0												2. Light - >= Ave.														
			Dates	15.4	9	35.1	67	28	29.81	29.55	29.68	-0.35								1. Very Light - Slight - Trace						
			1	Jan-15	Jan-13	Dep.	Jan-03	Jan-16	Jan-04	Jan-04	Jan-04	Jan-11								M - Event with intensity missing						
			2	Jan-23	-3.1																					
Days Min. <=32 °F		21	MIN.	≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35	≤ 30	≤ 25	≤ 20	≤ 15	≤ 10	≤ 5								
Days Min >=70°F		0	DAYS	31	31	31	31	30	30	25	24	21	18	7	2	0	0	0								

Jan
2020

REMARKS FOR THE MONTH

January - 2020

Jan-01	A VERY CLEAR DAY WITH ABOVE AVERAGE TEMPS.
Jan-02	MILD WEATHER FOR FIRST OF JANUARY
Jan-03	PRECIP. PD. 2210-2400 - MILD, CLOUDY, BREEZY AM AND MILD PM WITH OCCASIONAL SPRINKLES
Jan-04	3RD PD. OF PRECIP. 1625-1815, 4TH PD. 1950-2330 - ONLY DRY PD. 1100-1600
Jan-05	FEW CUMULUS AT 1115 THAT INCREASED BY 1230
Jan-06	BEAUTIFUL DAY FOR JAN. WITH A DEEP BLUE SKY AND ALMOST NO CLOUDS
Jan-07	COLD DAMP DAY WITH SNOW TO NORTH AND WEST OF GLEN ALLEN BUT NONE HERE
Jan-08	VERY HEAVY FROST AND ICE FROM FROZEN RAIN-ROOFS REALLY WHITE AND A WINDY DAY
Jan-09	CIRRUS CLOUDS AFTER 1530-AM 100% CLEAR, PM EST. 20-25% CLOUDY
Jan-10	AM WAS VERY CLOUDY, PM HAD SUN THROUGH CIRRUS AND WAS ABOUT 50-60% CLOUDY-VERY WARM
Jan-11	SQUALL LINE AND STORM APPROACHING FROM WEST TO PASS AFTER MIDNIGHT
Jan-12	CLOUDY AM BUT CLEARING AFTER 1215-1230 AND A BEAUTIFUL WINTER PM
Jan-13	ONLY A LITTLE DEW ON GRASS-CLOUDY ALL DAY WITH ALTOSTRATUS
Jan-14	FIRST TS OF 2020 RATING 1-1-3-FOGGY, DAMP, GLOOMY DAY
Jan-15	FOG AND RAIN FROM 14TH SO DEW CANNOT BE DETERMINED-FOG HEAVIEST AT 0815 ONLY SUN TODAY WAS AT 1430
Jan-16	CIRRUS IN AM SKY MAINLY BEFORE 0915-PM VERY CLEAR WITH LOW REL. HUMIDITY
Jan-17	ONLY FROST ON GRASS-ONLY A FEW AM CIRRUS BUT WINDY AND COLD-MIN. WIND CHILL OCCURRED AT 0753 AND WAS 19.3°F
Jan-18	3RD AND MAIN PD. OF PRECIP. AS RAIN 1445-2115-SLEET TOO LITTLE TO MEASURE AND A FEW SPITS OF SLEET IN AM BET. PRECIP. TIMES RECORDED
Jan-19	A FEW CLOUDS EARLY - CIRRUS BUT INCREASING CLOUDS AFTER 1700-AM EST. 20% CLOUDY, PM EST. 25% CLOUDY
Jan-20	FROST ONLY ON GRASS AND WAS LIGHT BECAUSE OF OVERNIGHT BREEZE-COLDEST WINTER DAY SO FAR AND WINDY BUT VERY CLEAR DAY
Jan-21	COLDEST AM SINCE FEB. 10, 2019 WHEN IT WAS 18.1°F - A VERY CLEAR AND COLD WINTER DAY
Jan-22	WARMER AND A VERY SUNNY DAY WITH NO CLOUDS SEEN AND LITTLE WIND
Jan-23	SUN THROUGH CIRROSTRATUS EARLY THEN ALTO STRATUS AND INCREASING CLOUDINESS IN PM BUT LITTLE WIND
Jan-24	ONLY SUN TODAY FROM 1325-1420 BUT MUCH WARMER WITH A FEW DROPS OF RAIN AT 1626-1650-MAIN PD. OF RAIN STARTED AT 2130 AND CONTINUED THROUGH MIDNIGHT
Jan-25	PRECIP. SENSOR SLOW DRYING - RAIN STOPPED EARLIER THAN INSTRUMENTS INDICATED AT AROUND 0720 NOT 0800- AM 90% CLOUDY, PM 70-75% CLOUDY
Jan-26	FROST ON TOP OF FROZEN DEW-AM WAS ABOUT 100% CLEAR BUT CLOUDS INCREASED IN PM AND PM EST. 60-70% CLOUDY
Jan-27	AM EST. 50-60% CLOUDY, PM EST. 20-25% CLOUDY - STILL WARM FOR JANUARY
Jan-28	LIGHT DEW ONLY ON GRASS AND CLOUDY ALL OF AM AND ONLY 45 MINS OF SUN JUST BEFORE SUNSET-2 DAFFODILS SEEN BLOOMING IN NEIGHBORHOOD-THIS IS EARLIEST SEEN
Jan-29	CLOUDS INCREASED TEMP. AFTER 0306-AM CLOUDY AND PM WAS 60-65% CLOUDY-FIRST SUN TODAY AT 1330
Jan-30	VERY HEAVY FROST AND A CLOUDY COLD DAY COMPARED TO THIS WARM JANUARY
Jan-31	VERY HEAVY FROST AND ANOTHER CLOUDY CHILLY DAY THAT ENDED WITH A LITTLE COLD RAIN

DATE

EXTENSION OF LENGTHY DAILY REMARKS

This was Springfield Park's warmest January with a mean of 42.66°F the previous warmest January was 42.11 °F in 2012.

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 2020](#)

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TEMPERATURE GRAPH FOR JANUARY

