

		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19	
Aug 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																			
Aug-01	Thu	92.9	14:23	65.5	6:29	27.4	79.2	-2.7	79	0	2																										
Aug-02	Fri	85.2	15:30	68.3	7:04	16.9	76.8	-2.5	79	2	2	0.55	0.49	0.12			0603	0935																			
Aug-03	Sat	90.7	17:18	69.0	6:32	21.7	79.9	3.1	78	1	2																										
Aug-04	Sun	93.4	15:26	70.1	20:42	23.3	81.8	1.9	78	0	1	1.40	1.28	0.35			1925	2105																			
Aug-05	Mon	87.8	14:48	69.4	23:59	18.4	78.6	-3.2	78	2	2	1.41	1.15	0.15			1605	1945																			
Aug-06	Tue	90.6	16:03	66.2	6:12	24.4	78.4	-0.2	78	0	1																										
Aug-07	Wed	92.7	14:01	72.8	6:20	19.9	82.8	4.3	78	1	2	0.04	0.04	0.01			1516	1605																			
Aug-08	Thu	91.1	15:26	65.6	5:18	25.5	78.4	-4.4	78	1	0	1.17	1.10	0.27			0008	0120																			
Aug-09	Fri	92.2	15:43	68.9	6:32	23.3	80.6	2.2	78	1	0	T	T	T			0818	0825																			
Aug-10	Sat	87.0	15:13	61.5	6:46	25.5	74.3	-6.3	79	1	1																										
Aug-11	Sun	87.6	16:06	62.4	6:45	25.2	75.0	0.8	78	0	0																										
Aug-12	Mon	91.6	14:22	66.5	6:00	25.1	79.1	4.1	78	0	1																										
Aug-13	Tue	91.2	17:05	74.3	22:47	16.9	82.8	3.7	78	2	2	0.75	0.75	0.30			1210	1230																			
Aug-14	Wed	92.0	16:12	71.9	6:11	20.1	82.0	-0.8	78	2	2	0.03	0.03	0.03			0228	0240																			
Aug-15	Thu	87.5	13:06	72.3	15:33	15.2	79.9	-2.1	79	2	2	1.05	1.04	0.27			0130	0155																			
Aug-16	Fri	88.0	15:19	73.2	6:50	14.8	80.6	0.7	78	2	2																										
Aug-17	Sat	91.6	15:15	72.8	4:25	18.8	82.2	1.6	79	2	2																										
Aug-18	Sun	94.5	15:41	70.0	6:23	24.5	82.3	0.1	79	0	0																										
Aug-19	Mon	97.1	14:40	74.4	6:23	22.7	85.8	3.5	80	0	1																										
Aug-20	Tue	95.4	14:52	72.6	6:49	22.8	84.0	-1.8	80	0	2	0.52	0.52	0.17			2134	2245																			
Aug-21	Wed	89.8	17:29	72.4	2:05	17.4	81.1	-2.9	80	1	0																										
Aug-22	Thu	94.7	14:40	71.0	5:43	23.7	82.9	1.8	80	0	1	0.71	0.65	0.30			1801	2000																			
Aug-23	Fri	84.7	14:57	65.4	23:25	19.3	75.1	-7.8	80	2	2	0.13	0.08	0.03			1129	1200																			
Aug-24	Sat	78.9	15:14	64.4	3:47	14.5	71.7	-3.4	79	2	1	0.02	0.02	0.01			0225	0305																			
Aug-25	Sun	77.8	15:08	62.3	6:49	15.5	70.1	-1.6	78	0	2																										
Aug-26	Mon	76.1	13:58	59.9	6:03	16.2	68.0	-2.1	76	2	2	T	T	T			1423	1428																			
Aug-27	Tue	81.8	16:26	63.4	5:51	18.4	72.6	4.6	76	2	2	T	T	T			1145	1150																			
Aug-28	Wed	85.0	15:52	65.3	23:58	19.7	75.2	2.6	76	2	2	0.18	0.18	0.07			1225	1230																			
Aug-29	Thu	84.2	15:19	59.8	6:40	24.4	72.0	-3.2	76	0	0																										
Aug-30	Fri	87.8	15:26	58.6	6:42	29.2	73.2	1.2	76	0	0																										
Aug-31	Sat	91.6	15:21	63.7	5:56	27.9	77.7	4.5	76	0	0																										
TOTAL NUMBER		2753		2094		658.6	2423	-4.3	2423	30	39	7.96	7.33	2.08	0.00	0.00	Col.26-27																				
		31	31	31	31	31	31	31	31	31	31	13	13	13	0	0	DAILY AVE RH																				
AVERAGE		88.79	15:21	67.55	9:03	21.25	78.17		78.16	0.97	1.26	Ave. Tot.	Ave. Max	Ave. Max			76.3	Percent																			
NORMALS		87.50		68.10		19.61	77.68		77.8	1.02	1.12	4.06	1.21	0.35			72.7	Percent																			
DEPARTURES		1.29		-0.55		1.64	0.49		0.4	-0.06	0.14	3.90	0.07	0.00			3.7	Percent																			
Max. Temps. >= 90°F		97.1	AveHighMax	74.4	AveHighMin	29.2	85.8	4.6	80.0	Whole Day		1.41	1.28	0.35			Precip.	24 Hr.																			
2019 17		Aug-19	95.6	Aug-19	75.7	Aug-30	Aug-19	Aug-27	Aug-19	AVE. 1.11		Aug-05	Aug-04	Aug-04			Amount	24 Hr.																			
Ave. 11.7			Dep.		Dep.				Aug-20	Normal 1.09							Date	Aug 03																			
Departure 5.3			1.5		-1.3				Aug-21	Depart. 0.03							Date	'Aug 04																			
Max. Temps. >= 70°F		76.1	AveLowMax	58.6	AveLowMin	14.5	68.0	-7.8	76.0	SKY		AM PM		>= 0.10	INCHES	>= 1.00	INCHES	>= 2.00	INCHES																		
2019 31		Aug-26	73.5	Aug-30	59.5	Aug-24	Aug-26	Aug-23	Aug-26	CLEAR		13 8		10	DAYS	4	DAYS	0	DAYS																		
Ave. 30.8			Dep.		Dep.		Aug-27		Aug-27	PT. CLO.		6 7																									
Departure 0.2			2.6		-0.9		Aug-28		Aug-28	CLOUDY		12 16		HOTTEST DAY	85.8 8-19	Highest Mean	Lowest Mean	COOLEST DAY	68.0 8-26																		
Days Max. <=32 °F		0				MAX.	>=100	>=95	>=90	>=85	>=80	>=75	>=70	>=65	>=60	>=55	>=50	>=45	>=40																		
Days Max. >=90°F		17				DAYS	0	4	17	26	28	31	31	31	31	31	31	31	31																		



Aug  
2019

## August - 2019

Aug-01	AM WAS VERY CLEAR-CUMULUS CAME IN AT 1345 & IT WAS CLOUDY STARTING AT 1430-1630 THEN CLEARING & CLOUDS AGAIN AT 1700
Aug-02	THUNDER HEARD AT 0558, 0559, 0601-TS RATED 1-2-3
Aug-03	LOW STRATUS FROM FOG CAME IN AROUND 0945 THEN CUMULUS -AM WAS PC & PM EST. 50-60% CLOUDY AM EST. 35-40% CLOUDY
Aug-04	TS RATED 2-3-4 ABOUT 18 THUNDERS BET. 1941 & 2018-VERY HEAVY RAINFALL RATE FROM TS
Aug-05	TS RATED 1-1-4 ONLY 6 THUNDERS HEARD & A RAINBOW SEEN AT 1953-CLOUDY MOST OF DAY
Aug-06	VINYL SIDING UNDER SOFFIT DRIPPING WITH CONDENSATION-CUMULUS CAME IN STARTING AT 1130-HEAVY DEW TRIPPED RAIN GAUGE
Aug-07	TS AGAIN RATED 1-3-1-HIGH VERY THIN VEIL OF CIRRUS THEN ALTOCUMULUS - PM CUMULUS & CIRROSTRATUS-THEN TS PASSED TO NORTH FOLLOWED BY ONE PASSING TO SE
Aug-08	TS RATED 4-2-4-WORST OF STORM PASSED TO N & LASTED A LITTLE OVER AN HOUR WITH LIGHTNING-AM FOG CLOUDS CLEARED AROUND 0900-CLEAR AFTER 0900-AM EST.
Aug-09	ONLY ABOUT 12 DROPS OF RAIN PER SQ. FT. (DISCERNIBLE TRACE OF RAIN)-CLEAR AM AFTER 0915 & PM WAS CLEAR
Aug-10	CIRROSTRATUS EARLY & CIRRUS MADE THE AM AND PM PARTLY CLOUDY BUT PLEASANT TEMPS. AND LOW REL. HUMIDITY
Aug-11	A PLEASANT AUG. DAY AND CLEAR EXCEPT FOR AROUND 1400-LOW RH TODAY
Aug-12	AM WAS VERY CLEAR BUT CUMULUS CAME IN AT 1120 AND INCREASED TO CLOUDY BY 1500 FOLLOWED BY CIRROSTRATUS AFTER 1700
Aug-13	VERY CLOUDY AM - FIRST PM SUN AT 1545 & LASTED TO 1715 & WAS MOSTLY FILTERED CLOUDINESS-TS PASSED TO N AND TO S OF AREA
Aug-14	VERY HUMID DAY - LIGHT AFTERNOON SHOWER-AM 90% CLOUDY AND PM EST. 80% CLOUDY-NO THUNDER HEARD BUT TS SUSPECTED TO OUR N AT 2AM
Aug-15	VERY HUMID DAY-FIRST SUN AT 1115-AM EST. 90% CLOUDY-PM EST. 75-80% CLOUDY ALSO A TS RATED 3-3-4
Aug-16	FOG CLOUDS DIDN'T BURN OFF ONLY 2 SKY PICTURES WITH SUN BEFORE NOON-AM EST. 95% CLOUDY-PM 70% CLOUDY
Aug-17	FOG CLOUDS NO SUN UNTIL 1100-PM ALSO MOSTLY CLOUDY EST. 65-75% CLOUDY-MAX. DEW POINT 79.6°F AT 1349
Aug-18	VERY HOT DAY & VERY CLEAR SKY MUCH SOLAR RADIATION WITH LITTLE WIND-MAX. DEW POINT 77.6°F AT 1323
Aug-19	CLEAR UNTIL 1315 THEN CUMULUS CAME IN AND CLOUDY BY 1500 THEN MOSTLY CLOUDY TO DARK
Aug-20	AM CIRROSTRATUS AT 1010 THEN CUMULUS STARTED COMING IN AT 1345 THEN MOSTLY CLOUDY AFTER 1500 TO DARK-MAX. DEW POINT 79.6°F AT 1339
Aug-21	LIGHTNING SEEN TO N & S AFTER DARK BUT NO THUNDER HEARD-COOLER BUT STILL HUMID-MAX. DEW POINT 77.3°F AT 1501-PM EST. 70% CLOUDY
Aug-22	TS WITH LITTLE LIGHTNING RATED 1-4-3-AUG. RAIN TOTAL NOW 7.63 INS. -HIGH DEW POINT 78.9°F AT 1202
Aug-23	ALSO A LITTLE DRIZZLE AT 1920-1925-LOW STRATUS CLOUDS MOST OF DAY BUT NO SEVERE WEATHER BECAUSE OF LITTLE SOLAR RADIATION
Aug-24	LOW CLOUDS STARTED TO CLEAR AT 1420 FROM N TO S & MOSTLY CLEAR BY 1315 -PM EST. 35% CLOUDY
Aug-25	CLEAR AM AND CLOUDY PM-LOW DEW POINT OF 57.1°F AT 1114 AND COMFORTABLE DAY FOR A CHANGE
Aug-26	CLOUDY MOST OF DAY AND VERY COOL FOR AUG.-LIGHT QUICK JUST BEFORE 1430
Aug-27	A LITTLE WARNER BUT CLOUDY AND A SPRINKLE BETWEEN 1145 AND 1150
Aug-28	MUCH MORE HUMIDITY TODAY AND ALSO WARMER BUT A CLOUDY DAY-COLD FRONT PASSED AT 1725 BUT NO THUNDER
Aug-29	VINYL SIDING UNDER SOFFIT DRIPPING WITH CONDENSATION - LESS HUMIDITY TODAY-LOWEST RH WAS 44% AND VERY CLEAR DAY
Aug-30	COLDEST AM SINCE JUNE 15, 2019 WHEN LOW TEMP. WAS 53.9°F AND VERY CLEAR DAY AND ALSO LOW HUMIDITY- ALMOST A 30°F TEMPERATURE RANGE TODAY
Aug-31	VERY CLEAR AM AND THE PM HAD A FEW FAIR WEATHER CUMULUS BUT WAS MOSTLY CLEAR UNTIL 1700 WHEN IT BECAME PT CLOUDY- LARGE TEMP. RANGE

DATE \_\_\_\_\_

**Aug-08** | 40% CLOUDY DUE TO LOW FOG CLOUDS

The 24- precipitation on the 3rd and 4th the time listed is a little more than 24 hours but there was light precip. at didn't measure 0.01 inches at the end of the precipitation.

ALL DEW POINTS THIS MONTH AND THE SUMMER ARE REDUCED BY 2 DEGREES F AS THE DAVIS INSTRUMENT OVERRATES DEW POINTS.

**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

### DAILY RECORDS FOR THE MONTH

## The Springfield Park Station had Only 15 Records or Record Ties in August 2019

[illegible]

# AUGUST TEMPERATURE GRAPH

