

Aug 2018	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
2nd PERIOD	WIND			REL. HUMIDITY		BAROMETRIC PRESSURE				☔								
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG		DEW	FROST
Aug-01			124.0	21	13:40	98	68	30.11	30.01	30.06	0.00						P	
Aug-02	1410	1440	95.0	28	14:13	97	68	30.14	30.05	30.10	0.03					1	P	
Aug-03	1110	1510	104.8	22	19:35	98	78	30.18	30.09	30.14	0.04						P	
Aug-04			59.9	16	2:07	96	58	30.18	30.10	30.14	0.01						2	
Aug-05			36.0	16	16:54	98	55	30.20	30.12	30.16	0.02					1	5	
Aug-06			36.9	12	13:14	97	63	30.15	30.03	30.09	-0.07						4	
Aug-07			46.0	14	15:26	97	56	30.05	29.92	29.99	-0.11						4	
Aug-08	2119	2215	34.4	16	17:30	98	56	29.97	29.85	29.91	-0.07					1	4	
Aug-09			20.3	10	12:16	96	58	29.92	29.85	29.89	-0.02						P	
Aug-10			21.5	11	10:08	98	57	29.95	29.86	29.91	0.02						5	
Aug-11	1930	2025	25.4	20	19:59	96	52	29.95	29.87	29.91	0.00						4	
Aug-12	2300	2305	37.5	17	16:55	98	64	30.05	29.93	29.99	0.08					3	5	
Aug-13			31.4	19	18:12	100	64	30.04	29.92	29.98	-0.01				4		5	
Aug-14	2340	2400	33.6	12	14:59	99	55	30.01	29.92	29.97	-0.01						5	
Aug-15			19.7	12	15:05	99	53	30.07	29.98	30.03	0.06						P	
Aug-16			30.9	14	13:27	99	57	30.13	30.06	30.10	0.07						5	
Aug-17			77.1	19	14:14	96	58	30.11	29.97	30.04	-0.05						4	
Aug-18			81.6	14	2:56	97	68	29.99	29.82	29.91	-0.13					1	N	
Aug-19			40.4	10	18:45	98	65	30.01	29.85	29.93	0.02						P	
Aug-20	0920	0950	70.0	14	8:45	97	76	30.07	29.99	30.03	0.10					1	P	
Aug-21	1650	1840	67.3	14	14:58	96	70	30.06	29.86	29.96	-0.07					1	2	
Aug-22			56.4	16	14:40	97	63	29.93	29.80	29.87	-0.09						P	
Aug-23			66.6	20	12:07	97	45	30.16	29.93	30.05	0.18						P	
Aug-24			30.0	11	12:05	99	47	30.25	30.15	30.20	0.15						5	
Aug-25			25.0	10	12:06	99	49	30.30	30.18	30.24	0.04						5	
Aug-26			57.2	16	11:57	97	59	30.22	30.10	30.16	-0.08						4	
Aug-27			22.1	12	17:38	97	58	30.16	30.08	30.12	-0.04						4	
Aug-28			61.8	14	18:45	97	57	30.14	30.06	30.10	-0.02						4	
Aug-29			95.3	15	15:14	94	54	30.10	29.98	29.80	-0.30						1	
Aug-30	1945	2235	76.4	19	20:27	97	54	30.16	29.99	30.08	0.27					3	2	
Aug-31			22.9	12	0:01	99	64	30.17	30.06	30.12	0.04						P	

TOTAL	Column 23	1607.4	476		3021	1849	932.93	929.38	930.92	TOTAL	0	0	0	1	8	20	0	
NUMBER	Mar. Wind Run	31	31	31	31	31	31	31	31	Normal	0.0	0.0	0.0	1.7	6.8	17.7	0.0	
AVE.	Total	1607.4	51.9	15.4	13:48	97.45	59.65	30.09	29.98	30.03	Depart.	0.0	0.0	0.0	-0.7	1.2	2.3	0.0
NORMALS	Miles	1180.0	38.4	30.5		94.5	49.7	30.06	29.93	30.00	Rating ▶	0	0	0	4	12	79	0
Departures	Miles	427.4	13.5	-15.1		3.0	9.9	0.03	0.05	0.03	Intensity	GLAZE	SLEET	SNOW	FOG	☔	Dew	Frost
MAXIMUM DATES	Dates	124.0	28	SSW	100	78	30.30	30.18	30.24	0.27	GLAZE	SLEET	SNOW	FOG	☔	Dew	Frost	
	1	Aug-01	Aug-02	14:13	Aug-13	Aug-03	Aug-25	Aug-25	Aug-25	Aug-30								
	2																	
	3																	
Min. Temps. >= 70°F	Ave.	11.5									GLAZE	SLEET	SNOW	FOG	☔	Dew	Frost	
	2018	21	19.7	10	30.5	94	45	29.92	29.80	29.80								-0.30
Departure	Ave.	9.5									GLAZE	SLEET	SNOW	FOG	☔	Dew	Frost	
	2018	11.5	19.7	10	30.5	94	45	29.92	29.80	29.80								-0.30
Days Min. <=32 °F	0	≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35								
Days Min >=70°F	21	29	10	5	3	0	0	0	0	0								

5. Very Heavy to Extreme
 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- Precap. prevent obs.

REMARKS FOR THE MONTH

August - 2018

Aug-01	AM WAS 90-95% CLOUDY AND PM WAS EST. TO BE 55-65% CLOUDY
Aug-02	CLOUDY MOST OF DAY BUT BROKEN CLOUDS FROM 1045-1400-TS RATED 1-3-2-3RD PD. OF SPRINKLES 1535-1550, 4TH PD. OF SPRINKLES 1730-2030
Aug-03	ON AND OFF SPRINKLES FROM 1110-1510-COOL FOR AUG. BUT STILL HUMID
Aug-04	CLEAREST PART OF DAY WAS FROM 0945-1130-FAIR WEATHER CUMULUS 1145-1700 THEN CLEAR TO SUNSET
Aug-05	AM CLOUDS CAME IN AT 0915-TS TO NORTH BUT ONLY TRACE OF RAIN-TS RATED 1-2-1-VERY HEAVY AM DEW AND MAX. DEW POINT WAS 78.3°F AT 1124
Aug-06	CLOUDS CAME IN AT 1145 AND A SPRINKLE FROM 1353-1410-VERY HUMID MAX. DEW POINT 80.1°F AT 1137
Aug-07	CLOUDS CAME IN AT 1500-CLOUDS FROM 1600 TO SUNSET-SPRINKLES 2015-2050 THAT GAVE ONLY 0.01 PRECIP.
Aug-08	FEW CUMULUS CAME IN AT 1315 BUT ONLY CLOUDY TO NORTH FROM 1645 TO SUNSET-PM EST. 30-40% CLOUDY-THUNDER HEARD AT 2133
Aug-09	SUN THROUGH THIN CIRRUS IN AM & PM WAS CLOUDY WITH SHOWER AT 1500
Aug-10	SOME AM CIRRUS BUT SO THIN IT WAS HARD TO SEE-CUMULUS CAME IN AT 1215 & CLOUDY BY 1445
Aug-11	BROKEN SKY 1315-1745 BUT CLOUDY REST OF DAY-HUMID MAX. DEW POINT WAS 75.2°F AT 1201
Aug-12	VINYL UNDER SOFFET WAS DRIPPING WITH DEW-ONLY CLEAR IN AM FROM 1000-1045-TS RATING 3-2-5
Aug-13	HEAVIEST FOG IN A LONG TIME FROM 0630-0715-MOSTLY CLEAR 1445-1715-PM EST. 65-70% CLOUDY-TS RATING 1-2-2
Aug-14	CIRRUS CLOUDY DURING DAY - 1330-1400 PC BUT OVERALL A SUNNY DAY WITH LOW REL. HUMIDITY
Aug-15	SURPRISE SHOWER LAST NIGHT - AM HAD THIN CIRRUS UNTIL 1030 THEN CLEAR TO 1215-PC WITH CUMULUS TO 1600 THEN CLOUDY TO SUNSET
Aug-16	SUN THROUGH THIN CIRRUS AND SOME CIRROSTRATUS BUT ALMOST COMPLETE SKY COVERAGE EXCEPT 1630-1800
Aug-17	SUN THROUGH THIN BROKEN CIRRUS WITH SHADOWS 0815-NOON-CLOUDY 1300-1400 THEN PC-HOT AND HUMID DAY
Aug-18	CLOUDY MOST OF DAY WITH SPRINKLES 1745-1905 AND RAIN 1910-1930 & 2 THUNDERS HEARD -TS RATED 1-1-1
Aug-19	CLOUDY ALL DAY EXCEPT BROKEN CLOUDS 1100-1300-DEW THOUGHT TO BE 4 BUT RAIN MADE IT UNCERTAIN
Aug-20	TS OVER LOUISA COUNTY MOVED NE AND PASSED SPRINGFIELD PARK TO NORTH-2 THUNDERS HEARD-3RD PD. OF RAIN BUT <0.01 FROM 1705-1725-TS RATED 1-1-1
Aug-21	2 SPRINKLES AFTER THE RECORDED TIMES-THUNDER HEARD TO W AND NW-TS RATED 1-1-2 -LANE, A CATEGORY 4 HURRICANE, APPROACHING HAWAII
Aug-22	CLEAR TO 1015 THEN CUMULUS AND COMPLETELY CLOUDY BY NOON
Aug-23	TODAY WAS BEAUTIFUL WITH NO CLOUDS AFTER 0700-BREEZY, LOW DEW POINT OF 44°F AT 1529
Aug-24	REC. LOW TEMP. FOR DATE-PREV. REC. 58°F AT 2013 AND COLDEST MORNING SINCE MAY 9, 2018 WHEN IT WAS 48.8°F-FIRST CLOUDS SEEN AT 1145
Aug-25	MANY AM CIRRUS AFTER 0930 & PM HAD CIRRUS AND CUMULUS BUT A PLEASANT DAY FOR END OF AUG.
Aug-26	CLOUDS IN SOUTH FROM 1330-1500-COOL START BUT MUCH WARMER TODAY
Aug-27	FIRST CLOUDS CAME IN AT NOON AND CLOUDY TO 1840 WHEN IT BECAME CLEAR AGAIN-SHOWER PASSED TO E OF STATION AROUND 1800
Aug-28	REC. HEAT FOR DATE AND 3RD WARMEST DAY OF 2018 ONLY JULY 2 WITH 97.4°F AND JUNE 19 WITH 96.9 WERE WARMER
Aug-29	REC. HEAT FOR DATE AND ONLY A FEW FAIR WEATHER CUMULUS FROM 1330-1630 OTHERWISE ALMOST NO CLOUDS
Aug-30	THIN AM CIRRUS - CUMULUS CAME IN AT 1210 THEN BECAME CLOUDY-SPRINKLES AT 1845 AND RAIN BY 2015-MANY TS IN AREA SHOWING VERY RANDOM MOTIONS MOST MISSING OUR STATION
Aug-31	A LITTLE COOLER BUT STILL HUMID WITH A VERY CLEAR AM BUT A PM ESTIMATED TO BE 55 TO 65% CLOUDY
DATE	
Aug-30	TS RATED 3-2-2 MORE THAN AVERAGE LIGHTNING BUT NONE OF THE LIGHTNING STRIKES WERE CLOSE IF THEY WERE IT WOULD HAVE BEEN RATED 4

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

[www.glenallenweather.com/upload/glenallenclimate/log/2016/2016 Obs Rules.pdf](http://www.glenallenweather.com/upload/glenallenclimate/log/2016/2016%20Obs%20Rules.pdf)

AUGUST TEMPERATURE GRAPH

