

20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	
Dec 2019	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				
Dec-01			39.3	12	4:03	98	95	29.98	29.48	29.73	-0.20						P		
Dec-02			47.0	17	12:32	98	57	29.71	29.50	29.61	-0.13						P		
Dec-03			38.8	15	14:28	91	50	29.80	29.67	29.74	0.13						3	1	
Dec-04			58.8	16	12:35	95	48	29.70	29.57	29.64	-0.10							3	
Dec-05			49.3	16	10:08	77	40	30.20	29.68	29.94	0.31						1		
Dec-06			70.3	18	15:58	93	48	30.21	30.08	30.15	0.21							4	
Dec-07			87.0	21	6:58	82	40	30.49	30.16	30.33	0.18						N		
Dec-08	2150	2400	24.8	10	11:54	94	54	30.52	30.27	30.40	0.07							5	
Dec-09	1010	1630	66.5	17	23:52	100	94	30.28	29.88	30.08	-0.32				3		P		
Dec-10	1450	1505	108.2	23	1:07	96	84	30.14	29.87	30.01	-0.07						P		
Dec-11			63.4	17	2:34	96	48	30.58	30.13	30.36	0.35			1			P		
Dec-12			52.0	14	9:48	94	54	30.76	30.53	30.65	0.29							4	
Dec-13	0720	2355	60.3	11	3:30	99	81	30.53	29.76	30.15	-0.50				2		N		
Dec-14	0707	1030	69.5	18	15:13	100	75	29.76	29.37	29.57	-0.58				2		P		
Dec-15			90.2	18	10:03	86	50	30.20	29.74	29.97	0.40						1		
Dec-16	1900	1930	75.5	12	2:18	95	68	30.25	30.04	30.15	0.18						P		
Dec-17	0655	0920	64.2	19	17:40	100	89	30.06	29.64	29.85	-0.29				4		P		
Dec-18			69.0	23	12:50	93	40	30.23	29.88	30.06	0.20							3	
Dec-19			51.4	12	8:51	79	37	30.51	30.23	30.37	0.32							1	
Dec-20			45.8	15	10:28	88	46	30.63	30.46	30.55	0.18							3	
Dec-21			11.0	6	12:32	91	54	30.64	30.45	30.55	0.00							2	
Dec-22			19.5	7	13:37	95	55	30.46	30.27	30.37	-0.18							4	
Dec-23			12.2	6	14:49	92	43	30.27	30.05	30.16	-0.21						1		
Dec-24			70.8	19	11:04	95	55	30.18	29.99	30.09	-0.07						3		
Dec-25			20.5	9	13:38	97	63	30.23	30.13	30.18	0.09							5	
Dec-26			32.5	11	21:32	98	52	30.32	30.14	30.23	0.05				4			5	
Dec-27			42.7	14	14:13	99	76	30.32	30.19	30.26	0.03				4		4		
Dec-28			37.5	10	11:20	98	61	30.28	30.18	30.23	-0.03						3		
Dec-29	2005	2115	76.7	14	21:19	98	81	30.20	29.79	30.00	-0.24						N		
Dec-30			136.0	27	10:42	98	55	29.79	29.58	29.69	-0.31						P		
Dec-31			74.9	17	11:12	98	46	29.79	29.69	29.74	0.06						3		
TOTAL NUMBER	Column 23		1765.6	464		2913	1839	937.02	928.40	932.71	TOTAL	0	0	1	6	0	8	12	
AVERAGE	Max. Wind Run		31	31	31	31	31	31	31	31	NORMAL	0.0	0.3	0.6	3.0	0.6	10.9	9.2	
Normals	Total		1765.6	56.95	14.97	11:42	93.97	59.32	30.23	29.95	30.09	DEPART.	0.0	-0.3	0.4	3.0	-0.6	-2.9	2.8
DEPARTURES	Miles		1540.7	52.4	17.1		90.5	51.8	30.25	29.98	30.11	Rating ▶	0	0	1	19	0	19	40
	Miles		224.9	1713.2	-2.1		3.5	7.5	-0.02	-0.03	-0.03	Intensity	GLAZE	SLEET	SNOW	FOG	K	Dew	Frost
MAXIMUM DATES	Dates		136.0	27	South	100	95	30.76	30.53	30.65	0.40								
	1		Dec-30	Dec-30	10:42	Dec-09	Dec-01	Dec-12	Dec-12	Dec-12	Dec-15								
	2					Dec-14													
	3					Dec-17													
	4																		
Min. Temps. >= 70°F	2019 0				30.7	77	37	29.70	29.37	29.57	-0.58								
Ave. Departure	0.0		1	Dec-21	Dec-21	Dec-23	Dec-05	Dec-19	Dec-04	Dec-14	Dec-14								
Departure	0.0		2																
Days Min. <=32°F	17				≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35	≤ 30	≤ 25	≤ 20	≤ 15	≤ 10	≤ 5	≤ 0	
Days Min >=70°F	0				31	31	31	30	28	25	18	13	5	1	0	0	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.

REMARKS FOR THE MONTH

December - 2019

Dec-01	RAIN ALL OF PM-LOW PRESSURE DEVELOPING-SNOWSTORM IN NE TRAVEL NIGHTMARE FOR MANY
Dec-02	MOSTLY CLOUDY TODAY BET. 1215-1330-PM HAD DARK STRATOCUMULUS CLOUDS - SOME VIRGA SEEN IN PM
Dec-03	FROZEN RAIN STILL ON DECK-BOTH AM AND PM WITH CIRRUS BUT CLEAR NOON TO 1400
Dec-04	CLOUDY TO 0945 THEN CLEAR TO 1330 FOLLOWED BY PM BEING PC
Dec-05	UNUSUAL NO FROST ON ROOFS BUT A LIGHT FROST ON GRASS AND SNOWBOARD BUT NO FROST ON DECK-AM WAS ABOUT 30% CLO. BUT PM WAS VERY CLEAR
Dec-06	CLOUDS CAME IN EARLY AND BREEZY AT MID-AFTERNOON
Dec-07	LIGHT WIND AT NIGHT - NO DEW-VERY CLEAR CHILLY DAY-MIN. WIND CHILL 26.9°F
Dec-08	INCREASING THIN CIRRUS IN AM AND PM WAS CLOUDY BY 1445 WITH RAIN COMING IN TONIGHT
Dec-09	HEAVIEST FOG AROUND 0800-CLOUDY AND LIGHT RAIN MOST OF DAY
Dec-10	3RD PD. OF PRECIP. 1650-1735, 4TH PD. 1840-2400-CLOUDY DARK AND GLOOMY DAY
Dec-11	AM WAS 50% CLO. AND PM WAS ABOUT 20-25% CLO. AND MUCH COLDER TODAY
Dec-12	VERY HIGH PRESSURE AND CLEAR SKIES - LOW DEW POINT OF 20.6°F AT 0628
Dec-13	NIGHT HAD A LIGHT BREEZE WITH CLOUDS AND NO DEW OR FROST FORMATION-ALL DAY RAIN THAT WAS LIGHT ALONG WITH PRECIP. FOG
Dec-14	STRONG LP WITH TORNADOES IN FL-CLOUDY AM AND BROKEN PM OVERCAST
Dec-15	ONLY REAL CLOUDINESS TODAY WAS FROM 0930-1015-AM EST. 15-20% CLO. PM EST. 5-10% CLO.
Dec-16	ALL RAIN TODAY WAS THE LIGHTEST OF SPRINKLES AND DIDN'T EVEN AMOUNT TO 0.01 INCHES
Dec-17	3RD PD. OF RAIN 1430-1910 WITH HARDEST RAIN WAS AROUND 1650-GLOOMY, FOGGY AND RAINY DAY
Dec-18	FROST AND FROZEN RAIN - A CHILLY DAY WITH MUCH DRIER AIR-MIN. WIND CHILL 16.2°F
Dec-19	VERY DRY AIR AND LITTLE FROST - MIN. DEW POINT 13.4°F AT 0515
Dec-20	GRASS HAD MORE FROST THAN CARS OR DECK-VERY CLEAR UNTIL 1540 THEN CIRRUS CAME IN
Dec-21	CIRRUS OVERCAST MOST OF AM AND CIRROSTRATUS AND ALTOSTRATUS IN PM
Dec-22	HEAVY FROST WITH AM CIRRUS THAT BECAME THICKER AND FORMED CIRROSTRATUS WITH LITTLE WIND
Dec-23	CLOUDY ALL DAY WITH ALTOSTRATUS IN PM AND VERY LITTLE WIND AGAIN
Dec-24	THIN CIRRUS ALL DAY AND WARM FOR DEC.-BEAUTIFUL FOR END OF DEC.
Dec-25	THIN AM CIRRUS AND SOME BLUE SKY EST. 25-30% CLO. PM EST. 50% CLO.
Dec-26	COUNTED IN AS FROST BUT FROST WAS MAINLY FROZEN FOG THAT ENDED AROUND 0900
Dec-27	FOG HEAVIEST AT 0730 AND CLEARED BY 0945-AM EST. 60-65% CLO. AND PM HAD CIRRUS AND ALTOCUMULUS
Dec-28	A BEAUTIFUL WINTER DAY THAT ALMOST FELT LIKE SPRING
Dec-29	3RD PD. OF PRECIP. 2235-2400 - GAP IN RAIN FROM 1330-2005 AND A VERY WARM DEC. DAY
Dec-30	JUST A TRACE OF RAIN JUST AFTER MIDNIGHT AND A SPRINKLE AROUND 1115 FROM A PASSING UPPER LEVEL TROUGH
Dec-31	AM SCATTERED FOG BUT NOT HERE - AM VERY CLEAR AFTER 0845 - STRATA CUMULUS CLOUDS FROM 1145 TO 1445- MUCH COOLER BUT TEMPS. STILL ABOVE AVE. - PM EST. 50TO 55% CLOUDY

DATE

EXTENSION OF LENGTHY DAILY REMARKS

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

41
Dec
2019

The Glen Allen Station had Records or Record Ties in December 2019

1	
2	
3	
4	
5	
6	
7	
8	The daily temperature range on the 8th was 28.2°F, a new 11-year HIGH daily temperature range record for the date - the old record was 27.5°F in 2015.
9	
10	
11	The daily greatest snow on the 11th was 0.1 inches, a new 9 year daily greatest snow record for the date - the old record was 0 inches in .
12	
13	
14	
15	
16	The daily temperature range on the 16th was 6.6°F, a new 11-year LOW daily temperature range record for the date - the old record was 10°F in 2010.
17	
18	
19	The minimum temperature on the 19th was 19.6°F, a new 11-year LOW daily minimum temperature record for the date - the old record was 23°F in 2010.
20	
21	
22	
23	
24	
25	
26	The daily temperature range on the 26th was 32.7°F, a new 11-year HIGH daily temperature range record for the date - the old record was 30°F in 2013.
27	
28	
29	The minimum temperature on the 29th was 51.4°F, a new 11-year warm daily minimum temperature record for the date - the old record was 42.6°F in 2015.
30	The maximum temperature on the 30th was 71°F, a new 11-year daily HIGH maximum temperature record for the date - the old record was 60°F in 2011.
31	

DECEMBER TEMPERATURE GRAPH

