

PAGE #2		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Apr 2019	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE												
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG	DEW	FROST			
Apr-01			81.6	21	2:02	71	29	30.37	30.13	30.25	0.32									1
Apr-02	1320	2040	64.1	15	9:56	94	51	30.36	30.07	30.22	-0.04									3
Apr-03			76.7	21	15:03	98	29	30.29	30.09	30.19	-0.03									5
Apr-04			74.1	14	10:30	86	27	30.43	30.29	30.36	0.17								3	
Apr-05	1315	2105	77.3	20	10:59	96	44	30.34	30.18	30.26	-0.10								P	
Apr-06	0310	0320	39.5	10	0:23	100	73	30.25	30.14	30.20	-0.06				2				P	
Apr-07			75.8	20	23:37	100	58	30.28	30.05	30.17	-0.03				3				4	
Apr-08			132.8	21	13:41	96	56	30.08	29.77	29.93	-0.24					2			1	
Apr-09	0215	0355	63.1	14	16:03	97	51	29.81	29.59	29.70	-0.22								P	
Apr-10			56.6	14	1:00	78	29	29.97	29.72	29.85	0.15								2	
Apr-11			76.5	16	14:12	86	47	30.15	29.97	30.06	0.22								3	
Apr-12	1808	1855	86.9	19	10:52	94	74	30.16	30.04	30.10	0.04								4	
Apr-13	1205	1700	49.1	17	0:15	97	84	30.14	30.00	30.07	-0.03						1		P	
Apr-14	1805	1850	110.4	27	20:01	99	71	30.00	29.49	29.75	-0.33				2				P	
Apr-15	0100	0225	134.1	35	1:55	95	41	30.10	29.40	29.75	0.01						2		P	
Apr-16			86.7	20	15:33	86	31	30.26	30.05	30.16	0.41								3	1
Apr-17			100.3	20	17:50	73	38	30.08	29.97	30.03	-0.13								1	
Apr-18			105.9	27	18:17	92	38	30.06	29.85	29.96	-0.07								4	
Apr-19	1225	1415	161.1	30	14:48	94	75	29.88	29.57	29.73	-0.23								N	
Apr-20	0510	0515	153.3	31	16:09	95	47	29.85	29.53	29.69	-0.04								P	
Apr-21			51.9	12	0:20	95	43	30.09	29.85	29.97	0.28								4	
Apr-22			79.9	18	11:07	86	43	30.16	30.06	30.11	0.14								P	
Apr-23			91.9	21	18:51	96	38	30.11	29.83	29.97	-0.14								5	
Apr-24			54.7	15	0:14	87	44	29.89	29.80	29.85	-0.13								1	
Apr-25	2330	2335	47.4	12	21:52	94	60	29.91	29.81	29.86	0.02								P	
Apr-26	0800	1000	94.1	32	11:52	95	68	29.83	29.40	29.62	-0.25						1		1	
Apr-27			83.8	25	14:43	89	31	29.90	29.69	29.80	0.18								P	
Apr-28	0520	0525	118.8	23	19:06	73	44	30.25	29.85	30.05	0.25								N	
Apr-29			85.4	15	1:18	91	60	30.41	30.21	30.31	0.26								N	
Apr-30			67.6	15	4:36	96	50	30.24	30.15	30.20	-0.12								3	
TOTAL NUMBER AVERAGE	Column 23		2581.4	600		2729	1474	903.65	896.55	900.10	DAYS	0	0	0	3	4	14	4		
	Mar. Wind Run		30	30	30	30	30	30	30	30	Normal	0.0	0.1	0.4	2.0	3.6	13.2	3.3		
NORMALS DEPARTURES	Total		2581.4	86.05	20.00	11:14	90.97	49.13	30.12	29.89	30.00	Depart.	0.0	-0.1	-0.4	1.0	0.4	0.8	0.7	
	Miles		2245.6	74.9	21.5		87.7	39.1	30.11	29.89	30.00	Rating	0	0	0	7	6	39	10	
Miles		335.8	11.2	-1.5		3.3	10.0	0.01	0.00	0.00	Intensity	GLAZZ	SLEET	SNOW	FOG		Dew	Frost		
MAXIMUM DATES	Dates		161.1	35	South	100	84	30.43	30.29	30.36	0.41	GLAZZ	SLEET	SNOW	FOG		Dew	Frost		
	1	Apr-19	Apr-15	1:55	Apr-06	Apr-13	Apr-04	Apr-04	Apr-04	Apr-16										
	2																			
	3																			
Min. Temps. >= 70°F	Ave.		0	0.2	0	0	0	0	0	0	0	GLAZZ	SLEET	SNOW	FOG		Dew	Frost		
	Departure		-0.2	-0.2	-0.4	71	27	29.81	29.40	29.62	-0.33									
Days Min. <=32 °F		3	MIN.	<= 75	<= 70	<= 65	<= 60	<= 55	<= 50	<= 45	<= 40	<= 35	<= 30	<= 25	<= 20	<= 15				
Days Min >=70°F		0	Days	30	30	29	24	22	15	6	4	3	3	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.

Apr
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REMARKS FOR THE MONTH

April - 2019

Apr-01	VERY DRY AIR AND WIND AT NIGHT-ONLY A LITTLE FROST ON GRASS EVEN THOUGH TEMP WAS VERY LOW FOR APRIL-COLD CLEAR DAY FOR APR. 1-CLEAR
Apr-02	REC. LOW MAX. TEMP. TODAY AND A VERY COLD RAINY PM-HIGH WAS BELOW THE JAN. AVERAGE LOWEST MAX. TEMP. OF 47°F
Apr-03	COLD START TODAY BUT A PLEASANT PM WITH A 41 DEGREE WARMUP A NEW TEMP. RANGE REC. FOR APRIL-NO CLOUDS TODAY
Apr-04	THIN CIRRUS AND CIRROSTRATUS AT ABOUT 0945 THEN CLEARING-AM DEW ONLY ON GRASS & A BREEZY WARM PM
Apr-05	ALL DAY RAIN WITH A N/NE BREEZE-VERY CHILLY FOR APRIL
Apr-06	LIGHT AM FOG CLEARED BY 1030 AND CLOUDS DIDN'T CLEAR UNTIL 1530-VERY CLEAR AFTER 1745
Apr-07	HEAVIEST FOG AT 0730 & THIN CIRRUS AFTER FOG CLEARED AT 0830 & AFTER 1230 CUMULUS - AFTER 1630 STRATOCUMULUS
Apr-08	1ST TS OF 2019-TS RATING 2-1-2-CLEARING STARTED AT 0900 & MOSTLY CLEAR FROM 1045-1415 THEN CLOUDY
Apr-09	VERY PLEASANT SPRING DAY BUT CLOUDY MOST OF DAY
Apr-10	GRASS WET WITH DEW BUT NONE ON DECK- AGAIN GRASS VERY WET PROBABLY BECAUSE OF GUTTATION-CLEAR AM & CLOUDS CAME IN AT 1230-PM EST.
Apr-11	GRASS WET AGAIN BECAUSE OF GUTTATION BUT LITTLE DEW ON DECK-CLEAR BEFORE 0630 SUN FILTERED BY CIRRUS THIN BUT COVERED WHOLE SKY
Apr-12	HEAVY DEW AND CLOUDY ALL DAY WITH FIRST RAIN OCCURRING AROUND NOON-3RD PD. OF RAIN 2040-2210
Apr-13	ONE THUNDER AT 0554 AND HEAVY RAIN AROUND 0600 BUT DURING DAY JUST SPRINKLES-15 MINS. OF SUN JUST BEFORE SUNSET
Apr-14	LITTLE AM FOG AFTER AN EARLY AM SHOWER FOLLOWED BY ANOTHER PM SHOWER-SEVERE TS IN FORECAST TONIGHT
Apr-15	TS RATED 2-4-2-3RD PD. OF PRECIP. 0305-0340-VERY CLEAR TO 1300 THEN CIRRUS TO 1645-COOL DURING DAY AND MAX. WAS AT MIDNIGHT
Apr-16	VERY LITTLE FROST SEEN ON SHED ROOF-20-30% CIRRUS TO 0930 THEN CLEAR TO 1645 - GOOD WARMUP DURING PM-BOTH AM & PM HAD CIRRUS EST. 20-30%
Apr-17	CIRRUS CLOUDS MOST OF DAY BUT VERY THIN-CLEAREST AT 1230-1400-HOTTEST DAY OF 2019
Apr-18	CIRRUS CLOUDS MOST OF DAY BUT VERY THIN AND MUCH SOLAR RADIATION
Apr-19	SPRINKLES BET. 1225-1415, 3RD PD. 1705-1730, 4TH PD. 1900-2215 STORM NOT AS BAD AS FORECAST & NO THUNDER HEARD
Apr-20	PC FROM 1115-1530-CLOUDY REST OF DAY AND WINDY-PM EST. 65-75% CLOUDY WITH STRATOCUMULUS AND CUMULUS
Apr-21	AM WAS ABOUT 40-45% CLOUDY AND PM 60-65% CLOUDY-COOL DAY
Apr-22	THICKER AM CLOUDS BECAME CIRRUS UNTIL 1130 THEN CIRRUS CLEARED TO PM FAIR WEATHER CUMULUS-PM EST. 30% CLOUDY
Apr-23	BEAUTIFUL SPRING DAY WITH VERY LARGE TEMP. RANGE OF 36.1°F-PM HAD CIRRUS CLOUDS
Apr-24	ONLY A LITTLE DEW ON GRASS-CIRRUS AND CIRROSTRATUS IN AM & PM WAS CIRROSTRATUS AND CUMULUS THEN ALTOCUMULUS-HOTTEST DAY OF 2019
Apr-25	YESTERDAY WAS HOTTEST SINCE OCT. 8, 2018 WHEN 85.9°F WAS REC.-A LITTLE SUN THROUGH A MODERATE CIRRUS OVERCAST FROM 1400-1730
Apr-26	TS RATED 1-4-2 - 3 THUNDERS HEARD AT 1418, 1428, 1458-3RD PD. OF RAIN 1325-1740-4TH PD. 1830-2135, 5TH PD. 2315-2320
Apr-27	SPRINKLES FROM 0128-1035-EXCELLENT SPRING DAY COOL, CLEAR SKY, BREEZY, AND LOW REL. HUMIDITY
Apr-28	ANOTHER GREAT APRIL DAY VERY CLEAR FROM 0900-1330 THEN CUMULUS THAT INCREASED AND CLOUDY BY 1800
Apr-29	VERY CLOUDY WITH A COOL NE BREEZE-I FINISHED PLANTING 25 TOMATOES IN THE GARDEN TODAY
Apr-30	GREAT WARMUP FROM YESTERDAY AND THE HOTTEST DAY OF 2019 - THE HIGHEST TEMPERATURE SINCE OCTOBER 7, 2018 WHEN IT WAS 89.2°F

DATE

Apr-01	EXCEPT CIRRUS AFTER 1645
Apr-10	70-80% CLOUDY
Apr-11	BUT PM WAS CLOUDY

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](#)

Apr
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DAILY RECORDS FOR THE MONTH

The Glen Allen Station had 24 Records or Record Ties in April 2019

1	The minimum temperature on the 1st was 26.5°F, a new 10-year LOW daily minimum temperature record for the date - the old record was 38°F in 2014.
2	The maximum temperature on the 2nd was 45.6°F, a new 10-year cold daily maximum temperature record for the date - the old record was 56°F in 2013. The daily precipitation on the 2nd was 0.13 inches, a new 10-year HIGH daily precipitation record for the date - the old record was 0.12 inches in 2016 and 2009.
3	The daily temperature range on the 3rd was 41°F, a new 10-year HIGH daily temperature range record for the date - the old record was 38°F in 2012.
4	
5	The daily precipitation on the 5th was 0.59 inches, a new 10-year HIGH daily precipitation record for the date - the old record was 0.36 inches in 2013. The maximum temperature on the 5th was 54.7°F, a new 10-year cold daily maximum temperature record for the date - the old record was 56.3°F in 2016. The daily temperature range on the 5th was 7.4°F, a new 10-year LOW daily temperature range record for the date - the old record was 21°F in 2014.
6	The daily temperature range on the 6th was 16.7°F, a new 10-year LOW daily temperature range record for the date - the old record was 18°F in 2009.
7	
8	The maximum temperature on the 8th was 83.9°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 83°F in 2010. The minimum temperature on the 8th was 61.3°F, a new 10-year warm daily minimum temperature record for the date - the old record was 60°F in 2010.
9	The minimum temperature on the 9th was 61.8°F, a new 10-year warm daily minimum temperature record for the date - the old record was 60°F in 2013.
10	
11	
12	The daily temperature range on the 12th was 14.4°F, a new 10-year LOW daily temperature range record for the date - the old record was 16°F in 2011.
13	The daily precipitation on the 13th was 0.77 inches, a new 10-year HIGH daily precipitation record for the date - the old record was 0.06 inches in 2011. The minimum temperature on the 13th was 61.5°F, a new 10-year warm daily minimum temperature record for the date - the old record was 58°F in 2014. The daily temperature range on the 13th was 6.9°F, a new 10-year LOW daily temperature range record for the date - the old record was 17°F in 2011.
14	The minimum temperature on the 14th was 63.5°F, a new 10-year warm daily minimum temperature record for the date - the old record was 62.7°F in 2018.
15	
16	
17	The maximum temperature on the 17th was 84.2°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 82.8°F in 2017.
18	
19	The minimum temperature on the 19th was 65.8°F, a new 10-year warm daily minimum temperature record for the date - the old record was 64°F in 2013. The daily temperature range on the 19th was 9.7°F, a new 10-year LOW daily temperature range record for the date - the old record was 13.9°F in 2017.
20	The daily temperature range on the 20th was 14.8°F, a new 10-year LOW daily temperature range record for the date - the old record was 17°F in 2013.
21	
22	
23	The maximum temperature on the 23rd was 83.5°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 77°F in 2011 & 2010.
24	The minimum temperature on the 24th was 60.5°F, a new 10-year warm daily minimum temperature record for the date - the old record was 60°F in 2011.
25	
26	
27	The daily temperature range on the 27th was 28.2°F, a new 10-year HIGH daily temperature range record for the date - the old record was 27.2°F in 2015.
28	
29	
30	