

1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19	
Mar 2016	Week Day	TEMPERATURE				TEMPERATURE				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																			
Mar-01	Tue	73.1	14:35	34.4	6:55	38.7	53.8	-2.3	47	0	0																										
Mar-02	Wed	64.6	1:06	29.2	23:46	35.4	46.9	-6.9	50	0	0	0.08	0.06	0.01																		0114	0325				
Mar-03	Thu	43.9	13:39	22.8	6:09	21.1	33.4	-13.6	47	1	2	0.01	0.01	T	0.1	None	2225	2400																			
Mar-04	Fri	44.6	15:11	31.3	4:04	13.3	38.0	4.6	46	2	2	0.13	0.05	0.01	1.8	None	0001	0515																			
Mar-05	Sat	43.6	15:12	27.1	4:15	16.5	35.4	-2.6	45	2	2																										
Mar-06	Sun	51.8	15:57	33.0	3:59	18.8	42.4	7.1	45	2	2	T	T	T																	0350	0435					
Mar-07	Mon	65.9	15:54	34.4	3:12	31.5	50.2	7.8	45	0	2																										
Mar-08	Tue	79.5	13:55	48.0	6:43	31.5	63.8	13.6	48	0	0	T	T	T																	0324	0328					
Mar-09	Wed	81.0	13:57	54.0	6:25	27	67.5	3.8	50	0	1																										
Mar-10	Thu	79.7	14:15	61.4	6:41	18.3	70.6	3.1	53	1	1																										
Mar-11	Fri	74.5	14:52	54.8	23:59	19.7	64.7	-5.9	56	2	1																										
Mar-12	Sat	65.3	15:11	52.6	1:39	12.7	59.0	-5.7	55	2	2																										
Mar-13	Sun	74.7	15:18	53.3	4:27	21.4	64.0	5.1	55	2	2	0.18	0.18	0.04																1614	1630						
Mar-14	Mon	57.0	15:31	50.2	8:12	6.8	53.6	-10.4	56	2	2	0.08	0.03	0.01																0001	0140						
Mar-15	Tue	69.4	17:31	48.1	8:02	21.3	58.8	5.2	55	2	0	0.17	0.15	0.01																0001	0505						
Mar-16	Wed	84.2	15:59	52.9	6:28	31.3	68.6	9.8	56	0	1																										
Mar-17	Thu	74.0	15:02	44.4	7:38	29.6	59.2	-9.3	56	0	0																										
Mar-18	Fri	69.5	15:13	40.4	7:41	29.1	55.0	-4.3	56	0	0																										
Mar-19	Sat	52.1	13:48	38.1	23:38	14.0	45.1	-9.9	55	2	2	0.07	0.06	0.01																0130	1845						
Mar-20	Sun	43.9	14:19	37.3	23:42	6.6	40.6	-4.5	53	2	2	0.05	0.04	0.01	T	None	0032	0400																			
Mar-21	Mon	55.1	15:25	35.2	7:38	19.9	45.2	4.6	51	2	1																										
Mar-22	Tue	64.4	17:33	31.6	4:30	32.8	48.0	2.8	50	2	0																										
Mar-23	Wed	76.6	16:30	50.1	7:14	26.5	63.4	15.4	52	2	1																										
Mar-24	Thu	78.1	14:57	54.8	7:20	23.3	66.5	3.1	54	0	0																										
Mar-25	Fri	78.2	15:28	55.8	23:59	22.4	67.0	0.6	56	2	2	T	T	T																0650	0712						
Mar-26	Sat	60.3	15:10	44.4	7:22	15.9	52.4	-14.7	56	2	2	T	T	T																0001	0110						
Mar-27	Sun	55.8	16:14	49.5	8:56	6.3	52.7	0.3	56	2	2	0.13	0.09	0.02																0355	0425						
Mar-28	Mon	74.7	14:28	51.8	23:59	22.9	63.3	10.6	56	1	0	0.20	0.10	0.01																0050	0600						
Mar-29	Tue	65.2	15:32	40.5	7:16	24.7	52.9	-10.4	56	0	0																										
Mar-30	Wed	67.3	17:31	34.1	6:46	33.2	50.7	-2.2	54	0	0																										
Mar-31	Thu	76.3	16:05	54.5	5:20	21.8	65.4	14.7	56	1	2	T	T	T																2013	2020						
TOTAL		2044		1350		694.3	1697.2	9.4	1626	36	34	1.10	0.77	0.13	1.9	0	Col. 26 - 27																				
NUMBER		31	31	31	31	31	31	31	31	31	31	10	10	9	2	0	DAILY AVE RH																				
AVERAGE		65.95	14:52	43.55	9:30	22.40	54.75		52.45	1.16	1.10	Ave Tot.	AveMax	AveMax	AveTot.	AveDays	63.3	Percent																			
Normals		58.95		36.95		22.01	47.95		47.60	1.19	1.18	4.16	0.71	0.09	3.9	2.7	64.2	Percent																			
Departures		6.99		6.60		0.39	6.80		4.86	-0.03	-0.09	-3.06	-0.53	-0.05	-2.0	-2.7	-0.9	Percent																			
MAX. DATES		84.2		61.4		38.7	70.6	15.4	56	Whole Day		0.20	0.18	0.04	1.8	0.0	Precip	24 Hr.																			
1		Mar-16		Mar-10		Mar-01	Mar-10	Mar-23	Mar-11	AVE. 1.13		Mar-28	Mar-13	Mar-13	Mar-04		Amount	0.33																			
2									Mar-14	Normal 1.18							Date	Mar-28																			
3									Mar-16	Depart. -0.05							Date	Mar-29																			
MIN. DATES		43.6		22.8		6.3	33.4	-14.7	45	SKY	AM	PM	>= 0.10	INCHES	>= 1.00	INCHES	>= 2.00	INCHES																			
1		Mar-05		Mar-03		Mar-27	Mar-03	Mar-26	Mar-05	CLEAR	11	11	5	DAYS	0	DAYS	0	DAYS																			
2									Mar-06	P.CLO.	4	6	HOTTEST	70.6	Highest	Lowest	COOLEST	33.35																			
3									Mar-07	CLO.	16	14	DAY	3-10	Mean	Mean	DAY	3-03																			
<=32 °F		0	<=32 °F	5	MAX.	>=80	>=75	>=70	>=65	>=60	>=55	>=50	>=45	>=40	>=35	>=30																					
>=90 °F		0	>=70 °F	0		4	11	14	20	22	25	27	28	31	31	31																					

20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38

Mar 2016	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE				GLAZE	SLEET	SNOW	FOG	K	DEW	FROST		
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE									
Mar-01			98.4	37	23:41	84	23	30.14	29.62	29.88	-0.03						1	1		
Mar-02			104.9	34	0:09	91	30	30.23	29.60	29.92	0.03						P			
Mar-03			31.7	12	19:44	83	34	30.35	30.11	30.23	0.32			1				4		
Mar-04			108.6	20	11:33	97	63	30.19	30.00	30.10	-0.14			2				P		
Mar-05			33.9	15	11:29	92	55	30.29	30.15	30.22	0.13							3		
Mar-06			19.0	10	11:38	90	51	30.33	30.17	30.25	0.03						P			
Mar-07			119.4	24	8:35	94	35	30.34	30.16	30.25	0.00						4	1		
Mar-08			59.0	17	0:17	70	20	30.24	30.12	30.18	-0.07						P			
Mar-09			132.3	22	16:01	76	28	30.22	30.09	30.16	-0.02						1			
Mar-10			210.5	32	17:05	79	45	30.17	30.01	30.09	-0.06						N			
Mar-11			90.8	23	10:26	82	38	30.31	29.98	30.15	0.05						N			
Mar-12			9.9	9	15:13	88	58	30.32	30.05	30.19	0.04						1			
Mar-13	1825	2040	44.9	16	21:09	96	61	30.06	29.91	29.99	-0.20						3			
Mar-14	0230	0312	59.7	18	23:44	100	84	29.95	29.83	29.89	-0.09				2	1	P			
Mar-15			28.2	12	0:40	100	61	29.89	29.77	29.83	-0.06					1	P			
Mar-16			26.2	14	14:52	98	34	29.89	29.71	29.80	-0.03						5			
Mar-17			58.1	28	17:21	92	21	29.97	29.79	29.88	0.08						4			
Mar-18			39.3	18	11:47	82	20	30.01	29.89	29.95	0.07						3			
Mar-19	2125	2210	105.7	20	15:28	93	49	30.10	29.97	30.04	0.08						2			
Mar-20	0440	0455	101.5	16	18:50	94	74	30.09	29.94	30.02	-0.02			1			P			
Mar-21			53.9	20	14:43	91	24	30.19	29.92	30.06	0.04						3			
Mar-22			107.3	27	16:43	78	23	30.30	30.08	30.19	0.13						2			
Mar-23			168.7	26	15:33	54	19	30.11	29.99	30.05	-0.14						N			
Mar-24			183.5	33	13:34	63	30	30.07	29.81	29.94	-0.11						N			
Mar-25	0115	1125	131.8	27	2:30	86	42	30.07	29.73	29.90	-0.04						N			
Mar-26			71.3	21	3:10	76	45	30.34	30.06	30.20	0.30						P			
Mar-27	0745	1005	28.4	9	13:29	97	76	30.33	30.01	30.17	-0.03				1		P			
Mar-28	0630	0645	79.8	22	15:28	98	21	30.01	29.72	29.87	-0.31						P			
Mar-29			61.4	20	10:07	80	25	30.26	29.98	30.12	0.25						4			
Mar-30			70.4	21	17:44	86	27	30.40	30.18	30.29	0.17						3	1		
Mar-31	2037	2038	190.3	40	14:17	80	39	30.20	29.80	30.00	-0.29						N			
TOTAL	Column 23		2628.8	663		2670	1255	935.37	928.15	931.76	TOTAL	0	0	3	2	2	13	5		
Number	Mar. Wind Run		31	31	31	31	31	31	31	31	Normal	1.4	2.4	2.7	3.9	2.1	6.0	6.3		
AVE.	Total		2628.8	84.8	21.4	13:07	86.1	40.5	30.17	29.94	30.06	Depart.	-1.4	-2.4	0.3	-1.9	-0.1	7.0	-1.3	
Normals	Miles	1980.2	63.9	20.9		86.0	42.0	30.16	29.91	30.05										
Departures	Miles	648.6	20.9	0.5		0.1	-1.5	0.02	0.03	0.01		GLAZE	SLEET	SNOW	FOG	THUNDER	DEW	FROST		
MAXIMUM DATES		Dates	210.5	40	SSW	100	84	30.40	30.18	30.29	0.32	5. Very Heavy 4. Heavy-Unusual 3. Moderate - Ave. 2. Light - < Ave. 1. Very Light - Slight - Trace							N- None	
		1	Mar-10	Mar-31	14:17	Mar-14	Mar-14	Mar-30	Mar-30	Mar-30	Mar-03									
		2																		
		3																		
		4																		
MINIMUM DATES		Dates	9.9	9		54	19	29.89	29.60	29.80	-0.31	1. Very Light - Slight - Trace M - Event with intensity missing P - Rain hindering Dew Observation								
		1	Mar-12	Mar-12		Mar-23	Mar-23	Mar-15	Mar-02	Mar-16	Mar-28									
		2		Mar-27				Mar-16												
MINIMUM			≤70	≤65	≤60	≤55	≤50	≤45	≤40	≤35	≤30	≤25	≤20	≤15						
			31	31	30	29	21	16	13	10	3	1	0	0						

REMARKS FOR THE MONTH

March - 2016

Mar-01	BEAUTIFUL FIRST DAY OF MARCH WITH WARM TEMPS. AND LOW DEW POINT OF 24.9°F AT 0959
Mar-02	ONLY A FEW SCATTERED CUMULUS FROM 1045 TO NOON AND MUCH COOLER
Mar-03	CLOUDS CAME IN AT 0900 AND THE AM WAS ABOUT 55% CLOUDY AND PM WAS TOTALLY CLOUDY AFTER 1300
Mar-04	HEAVY STRATOCUMULUS CLOUDS - ONLY A LITTLE LAST MINUTE SUN BEFORE SUNSET FROM 1630-1645
Mar-05	CLOUDY AND COLD FOR MARCH
Mar-06	ANOTHER CHILLY DAY AND MOSTLY CLOUDY EXCEPT 0900-1000 AND 1630 TO DARK
Mar-07	THIN SCATTERED AM CIRRUS THAT BECAME THICKER IN PM COVERING MOST OF SKY BUT SUNLIGHT STILL PASSING THROUGH CIRRUS GIVING WEAK SOLAR RADIATION
Mar-08	FEW AM CLOUDS UNTIL 0800 THEN CLEAR AND VERY WARM FOR MARCH
Mar-09	CIRRUS CLOUDS CAME IN AROUND 1400 WITH SUN THROUGH PM CIRRUS EST. TO COVER 45-55% CLOUDS AND VERY WARM DAY
Mar-10	CIRRUS CLOUDS MOST OF DAY WITH SUNLIGHT THROUGH CIRRUS-AM EST. 55-60% AND PM 60-65% CLOUDY
Mar-11	HIGHEST WIND RUN SINCE JAN. 23 THE DAY OF THE MINI BLIZZARD-CLEARING STARTED AT 1300 BUT STILL CIRRUS CLOUDS AND EST. PM OF 35-45% CLOUDY WITH CIRRUS
Mar-12	LITTLE CLEARING TO WEST AFTER 1715 BUT CLOUDY ALL OTHER DIRECTIONS ALL OF DAY
Mar-13	CLOUDY ALL DAY WITH ENOUGH SUN TO MAKE SHADOWS FROM 1445-1545, 3RD PD. OF PRECIP. OCCURRED BET. 2355-2400
Mar-14	CLOUDY ALL DAY BUT NO RAIN ONLY A TRACE OF VERY LIGHT DRIZZLE-3RD PD. 2348-2400-THUNDER AT 1157 WITH A COUPLE THUNDERS AFTER MIDNIGHT
Mar-15	CLOUDS BROKE UP AT 1330 AND NO CLOUDY BY 1515-EST. PM CLOUDINESS 30%
Mar-16	SCATTERED CUMULUS AFTER 1445 AND PARTLY CLOUDY FROM 1715-SUNSET-VERY WARM FOR MARCH
Mar-17	VERY CLEAR AM AND SCATTERED FAIR WEATHER CUMULUS IN PM-BEAUTIFUL MARCH DAY
Mar-18	ANOTHER BEAUTIFUL MARCH DAY-PLEASANT IN SUN AND COOL IN SHADE
Mar-19	CLOUDY AND COOL DAY FOR MARCH
Mar-20	DAMP, DARK AND CHILLY FIRST DAY OF SPRING-SPRINKLES ON AND OFF DURING DAY-SNOW AND RAIN MIX STARTED AROUND 2145-2300, 3RD PD. OF SPRINKLES 1950-2300
Mar-21	CLOUDS BROKE UP AROUND 1030 AND ALMOST COMPLETELY CLEAR BY 1500-AM EST. CLOUDY AS SUN WAS PASSING THROUGH THIN CIRROSTRATUS BUT PM WAS VERY C
Mar-22	DEW WAS HEAVIEST IN NIGHT BEFORE IT CLOUDED UP-CLOUDS BECAME THIN BY 0830-FIRST MOWING OF YARD
Mar-23	COMPLETE AM CIRRUS COVERED SKY BUT THIN ENOUGH SUNLIGHT WAS PASSING THROUGH-PM SCATTERED FIBROUS CIRRUS
Mar-24	MUCH SOLAR ENERGY THROUGH THIN CIRRUS AND WARM FOR MARCH
Mar-25	3RD PD. OF SPRINKLES 1415-1430, 4TH PD. OF SPRINKLES 2345-2400
Mar-26	CLOUDY ALL DAY BUT NO SPRINKLES DURING DAY HOURS AND MUCH COOLER
Mar-27	CLOUDY, GLOOMY, DAMP, CHILLY EASTER DAY-3RD PD. SPRINKLES 1240-1510 THEN 5 PERIODS OF SPRINKLES FOLLOWED BY RAIN FROM 2210-2400
Mar-28	CLOUDY EARLY BUT CLEARING STARTED AT 1000 AND VERY CLEAR BY 1045-AM EST. 55% CLOUDY
Mar-29	GRASS WET WITH DEW BUT LITTLE DEW ON SKY MIRROR-A LITTLE COOL BUT GREAT FOR AN EARLY SPRING DAY
Mar-30	A LITTLE FROST SEEN ON DARK ROOFS BUT MORE DEW EST. AT 3-WARMED UP NICELY FOR A PLEASANT PM
Mar-31	WIND PREVENTED DEW - A SLOW COLD FRONT IS LOCATED TO OUR WEST- A VERY WINDY DAY WITH CI IN THE AM EST 60% CLOUDY & ALTOSTRATUS & CUMULUS IN THE P

DATE

EXTENSION OF LENGTHY DAILY 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

www.glenallenweather.com/upload/glenallencclimate/log/2016/2016_Obs_Rules.pdf

