

Mar 2018		TEMPERATURE °F		TEMPERATURE °F				SKY		PRECIPITATION			FROZ. PRECIP.		1st PERIOD			
Mar 2018	Week Day	MAX.	Time MIN.	Time	RANGE	MEAN	CHANGE	SOIL	AM	PM	Liquid	1 Hr.	5 Min.	NEW	GROUND	START	END	
Mar-01	Thu	54.8	22:32	50.5	6:55	4.3	52.7	0.9	51	2	2	0.19	0.09	0.01		0010	0535	
Mar-02	Fri	54.0	0:13	40.9	23:57	13.1	47.5	-5.2	51	1	0							
Mar-03	Sat	54.7	14:39	35.0	4:53	19.7	44.9	-2.6	50	0	0							
Mar-04	Sun	53.9	14:51	32.6	6:50	21.3	43.3	-1.6	49	0	0							
Mar-05	Mon	50.4	14:39	28.6	23:46	21.8	39.5	-3.8	49	0	0							
Mar-06	Tue	46.2	12:20	25.3	4:26	20.9	35.8	-3.8	48	2	2	0.48	0.19	0.02	T	None	1305 1435	
Mar-07	Wed	54.0	14:04	32.9	23:58	21.1	43.5	7.7	47	2	2	0.02	0.02	0.01			0001 0045	
Mar-08	Thu	46.9	10:55	25.2	5:40	21.7	36.1	-7.4	47	0	2							
Mar-09	Fri	48.1	14:33	25.1	6:35	23.0	36.6	0.6	47	0	0							
Mar-10	Sat	48.3	15:59	28.2	1:23	20.1	38.3	1.7	46	2	2	T	T	T		0520	0525	
Mar-11	Sun	47.5	15:51	35.8	7:50	11.7	41.7	3.4	46	2	2							
Mar-12	Mon	40.9	0:01	32.8	14:55	8.1	36.9	-4.8	46	2	2	0.36	0.12	0.02	2.3	2.0	0920 1105	
Mar-13	Tue	50.5	15:33	25.2	7:23	25.3	37.9	1.0	45	0	0							
Mar-14	Wed	45.6	14:17	22.5	7:13	23.1	34.1	-3.8	45	0	2							
Mar-15	Thu	59.8	15:56	27.7	3:03	32.1	43.8	9.7	45	0	0							
Mar-16	Fri	53.1	15:55	28.4	7:34	24.7	40.8	-3.0	45	0	0							
Mar-17	Sat	50.4	16:55	25.5	5:07	24.9	38.0	-2.8	46	2	2	0.05	0.05	0.02			0405 0410	
Mar-18	Sun	59.3	15:20	39.0	8:02	20.3	49.2	11.2	45	0	0	0.03	0.03	0.01			0001 0100	
Mar-19	Mon	60.0	15:23	36.9	5:06	23.1	48.5	-0.7	47	2	2	T	T	T			0713 0750	
Mar-20	Tue	48.0	0:01	32.3	23:59	15.7	40.2	-8.3	48	2	2	0.92	0.32	0.03			0120 0145	
Mar-21	Wed	35.8	14:38	30.9	9:04	4.9	33.4	-6.8	46	2	2	0.52	0.13	0.01	3.9	2.5	0032 2100	
Mar-22	Thu	51.6	15:39	30.3	7:39	21.3	41.0	7.6	44	1	1				None			
Mar-23	Fri	54.3	15:36	25.3	6:30	29	39.8	-1.2	45	0	1							
Mar-24	Sat	52.5	15:03	29.6	7:10	22.9	41.1	1.3	46	1	2							
Mar-25	Sun	50.9	14:34	30.3	6:47	20.6	40.6	-0.4	46	0	0							
Mar-26	Mon	50.5	14:25	28.0	7:28	22.5	39.3	-1.4	47	1	0							
Mar-27	Tue	43.9	15:59	28.6	5:47	15.3	36.3	-3.0	47	2	2	0.05	0.03	0.01			1045 1605	
Mar-28	Wed	73.4	15:24	40.6	5:30	32.8	57.0	20.8	47	2	2	T	T	T			1720 1835	
Mar-29	Thu	82.2	15:05	49.0	7:02	33.2	65.6	8.6	49	2	1							
Mar-30	Fri	76.6	14:20	46.1	23:59	30.5	61.4	-4.3	52	2	2	T	T	T			0415 0725	
Mar-31	Sat	62.7	17:23	32.7	7:02	30	47.7	-13.7	52	0	0							
TOTAL		1661		1002		659.0	1331.3	-4.1	1464	32	35	2.62	0.98	0.14	6.2	4.5	Col. 26 - 27	
NUMBER		31	31	31	31	31	31	31	31	31	31	9	9	9	2	2	DAILY AVE RH	
AVERAGE		53.57	13:48	32.32	9:26	21.26	42.95		47.23	1.03	1.13	Ave Tot.	Ave. Max.	Ave. Max.	Ave. Tot.	Ave. Days	66.1 Percent	
NORMALS		59.81		37.79		22.02	48.80		48.39	1.19	1.14	3.67	0.37	0.08	3.2	2.1	63.5 Percent	
DEPARTURES		-6.24		-5.47		-0.77	-5.86		-1.17	-0.16	-0.01	-1.05	-0.05	-0.05	3.0	-0.1	2.6 Percent	
Max. Temps. >= 70°F		82.2		50.5		33.2	65.6	20.8	52	Whole Day		0.92	0.32	0.03	3.9	2.5	Precip 24 Hr.	
2018 3	Mar-29		Mar-01		Mar-29	Mar-29	Mar-28	Mar-30	Mar-31	AVE. 1.08		Mar-20	Mar-20	Mar-20	Mar-21	Mar-12	Amount 0.98	
Ave. 7.4										Normal 1.17							Date Mar-20	
Departure -4.4										Depart. -0.09							Date Mar-21	
Min. Temps. <= 32°F		35.8		22.5		4.3	33.4	-13.7	44	SKY		>= 0.10 INCHES		>= 1.00 INCHES		>= 2.00 INCHES		
2018 18	Mar-21		Mar-14		Mar-01	Mar-21	Mar-31	Mar-22		AM	PM	5 DAYS		0 DAYS		0 DAYS		
Ave. 10.7										CLEAR 13	12	HOTTEST 65.6		Highest Mean		Lowest Mean		
Departure 7.3										P.CLO. 4	3	DAY 3-29		COOLEST		33.35		
Days Max. <=32 °F		0		MAX. DAYS	>=85	>=80	>=75	>=70	>=65	>=60	>=55	>=50	>=45	>=40	>=35	>=30	>=25	>=20
Days Max. >=90°F		0			0	1	2	3	3	6	9	21	28	30	31	31	31	31

		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Mar 2018	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	0945	1545	58.0	18	23:05	96	68	29.94	29.48	29.71	-0.38							N		
Mar-02			237.2	43	14:43	92	37	30.01	29.50	29.76	0.05							N		
Mar-03			176.3	31	8:48	59	39	30.21	30.01	30.11	0.35							N		
Mar-04			160.4	27	0:40	72	30	30.26	30.14	30.20	0.09								N	
Mar-05			119.4	21	2:28	75	32	30.20	30.06	30.13	-0.07								N	
Mar-06	1615	2400	51.6	16	15:08	97	50	30.11	29.79	29.95	-0.18		1						2	
Mar-07	1500	1505	93.3	20	17:28	98	45	29.90	29.67	29.79	-0.16					1		P		
Mar-08			67.3	18	12:17	89	36	29.92	29.78	29.85	0.07								3	
Mar-09			87.6	21	12:54	71	33	30.05	29.91	29.98	0.13								1	
Mar-10			25.1	8	8:22	87	53	30.10	29.98	30.04	0.06								N	
Mar-11			59.7	14	6:54	87	48	30.17	30.02	30.10	0.05								N	
Mar-12	1135	1820	116.7	23	22:47	96	61	30.03	29.76	29.90	-0.20				3				N	
Mar-13			92.4	23	12:04	94	34	29.93	29.78	29.86	-0.04								3	
Mar-14			98.8	27	13:15	91	31	29.93	29.80	29.87	0.01								3	
Mar-15			124.2	26	10:50	68	23	29.92	29.61	29.77	-0.10								N	
Mar-16			78.4	26	14:38	83	28	30.08	29.73	29.91	0.14								2	
Mar-17	1105	1150	41.2	11	9:53	90	51	30.08	29.83	29.96	0.05								3	
Mar-18	0130	0135	65.7	16	8:28	94	29	30.02	29.82	29.92	-0.03							P		
Mar-19	0905	0920	74.7	15	17:40	77	43	29.93	29.80	29.87	-0.05							1		
Mar-20	0230	1245	161.2	22	13:22	97	69	29.81	29.63	29.72	-0.15							P		
Mar-21			80.2	17	0:01	97	90	29.87	29.57	29.72	0.00	1	2	3					P	
Mar-22			93.5	21	12:06	96	34	30.15	29.87	30.01	0.29								P	
Mar-23			74.9	20	12:10	89	32	30.20	30.08	30.14	0.13								3	
Mar-24			78.8	16	1:34	81	33	30.26	30.08	30.17	0.03								N	
Mar-25			114.8	23	16:19	96	41	30.54	30.10	30.32	0.15								4	
Mar-26			102.8	18	11:50	95	49	30.67	30.54	30.61	0.29								4	
Mar-27			43.5	10	17:49	94	72	30.65	30.23	30.44	-0.17								3	
Mar-28			73.2	14	9:33	95	58	30.23	29.96	30.10	-0.34							3		
Mar-29			132.5	31	17:35	97	43	30.00	29.82	29.91	-0.18							3		
Mar-30	1450	1500	179.4	26	0:13	83	49	30.17	29.75	29.96	0.05							P		
Mar-31			71.6	20	18:23	91	29	30.37	30.14	30.26	0.30								4	
TOTAL NUMBER	Column 23		3034.4	642		2727	1370	933.71	926.24	929.98		DAYS	1	2	2	1	0	3	12	
	Mar. Wind Run		31	31	31	31	31	31	31	31	31		Normal	1.0	1.8	2.9	3.3	2.0	6.4	6.2
AVERAGE	Total		3034.4	97.9	20.7	11:43	88.0	44.2	30.12	29.88	30.00	Depart.	0.0	0.2	-0.9	-2.3	-2.0	-3.4	5.8	
NORMALS	Miles	2103.2	67.8	21.1		85.3	41.2	30.19	29.94	30.06		Rating ▶	1	3	6	1	0	7	35	
Departures	Miles	931.2	30.0	-0.4		2.6	3.0	-0.07	-0.06	-0.07		Intensity	GLAZE	SLEET	SNOW	FOG	K	Dew	Frost	
MAXIMUM DATES	Dates		237.2	43	WNW	98	90	30.67	30.54	30.61	0.35									
	1		Mar-02	Mar-02	14:43	Mar-07	Mar-21	Mar-26	Mar-26	Mar-26	Mar-03									
	2																			
	3																			
MINIMUM DATES	Dates		25.1	8		59	23	29.81	29.48	29.71	-0.38									
	1		Mar-10	Mar-10		Mar-03	Mar-15	Mar-20	Mar-01	Mar-01	Mar-01									
2																				
Days Min. <=32 °F	18		MIN.	≤70	≤65	≤60	≤55	≤50	≤45	≤40	≤35	≤30	≤25	≤20	≤15	≤10	≤05			
Days Min >=70°F	0		DAYS	31	31	31	31	30	28	26	23	16	6	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.

Mar  
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## REMARKS FOR THE MONTH

March - 2018

Mar-01	VERY LIGHT SPRINKLES FROM 0010-0535 BUT NOT 0.01 INCHES-RAIN FROM 0945-1545 & 3RD PD. OF 3 SPRINKLES FROM 1620-2110 THAT GAVE 0.01 INCHES RAIN
Mar-02	AM HAD MANY CUMULUS AND WAS EST. TO BE 55-60% CLOUDY-PM WAS VERY CLEAR AFTER 1300-HIGH WINDS CAUSED MUCH DAMAGE WITH POWER OUTAGES
Mar-03	WINDIEST DAY YESTERDAY SINCE JAN. 17, 2012 WHEN WIND RUN WAS 247 MILES-HIGHEST WIND GUST SINCE MAR. 2017-CLOUDS CAME IN AT 1100 & CLEAR BEFORE
Mar-04	FULL SUN VERY CLEAR BUT STILL A BREEZY MARCH DAY
Mar-05	WINDY WITH LOW REL. HUMIDITY PREVENTING FROST-ANOTHER VERY CLEAR DAY WITH DEEP BLUE SKY
Mar-06	SOME SLEET AND ICE MIXED IN WITH RAIN DROPS-ICE OBSERVED IN RAIN DROPS ON WINDSHIELD
Mar-07	CLOUDY ALL DAY EXCEPT 12301300 WHEN IT WAS PC & SPRINKLE OCCURRED BET. 1500-1505
Mar-08	NO PRECIP. BUT VIRGA SEEN FROM STRATOCUMULUS CLOUDS-COLD DAY ABOUT 10 DEGREES BELOW AVERAGE-CLOUDS CAME IN AT 1100-VERY CLEAR BEFORE- EST. AM
Mar-09	A LITTLE FROST ON GRASS-VERY CLEAR DAY WITH DEEP BLUE SKY BUT AGAIN 10 DEGREES BELOW AVERAGE
Mar-10	PRECIP. SENSOR READ 1 AT TEMP. OF 34.4°F -THIS LITTLE PRECIP. COULD HAVE BEEN RAIN OR SNOW BUT WAS PROBABLY RAIN AS IT WAS FROM WARM FRONT
Mar-11	ALTOSTRATUS CLOUDS MUCH OF DAY
Mar-12	HEAVIEST SNOW FROM 1430-1530 AND LOWERED AIR TEMP. DURING DAY TO LOWEST TEMP. AT 32.8°F AT 1455-FLURRIES ONLY FROM 0920-1105
Mar-13	VERY CLEAR MOST OF DAY AND ALMOST ALL SNOW MELTED EXCEPT IN SHADE
Mar-14	VIRGA SEEN FROM 1230-1345-CLOUDS CAME IN AROUND 1145-PM CLOUDINESS EST. TO BE 75-85% CLOUDY
Mar-15	VERY CLEAR DAY WITH A LOW DEW POINT OF 17.1°F AT 0233 & LOW RH WAS 23%
Mar-16	VERY CLEAR WITH LOW RH AND A WINDY AFTERNOON
Mar-17	3RD HEAVIEST SPRINKLE WAS FROM 1355-1455 BUT NOT ENOUGH TO BE MEASURED-3RD PD. 2255-2400
Mar-18	WARM FRONT PASSAGE AROUND MIDNIGHT -SKY CLEARED AT 0800 AND VERY CLEAR DAY
Mar-19	DEW ONLY ON GRASS-3RD PD. OF SPRINKLES FROM 1030-1045
Mar-20	RAIN ENDED AROUND 1245 BUT DRIZZLE CONTINUED TO 1500-VERY COLD DAY
Mar-21	MAX. SNOW RATE AT 1300 & AFTER THIS SNOW MELTED FASTER THAN IT FELL - FLURRIES WERE OVER BY 2000 - A VERY SLIGHT GLAZE AT 0245 LESS THAN 0.1 INCHES.
Mar-22	BOTH AM AND PM WERE PC WITH CIRRUS BUT SUN STILL MELTED MOST OF SNOW
Mar-23	FROST MAINLY ON GRASS-WET GROUND FROM MELTED SNOW ADDED TO FROST-AM 100% CLEAR, PM 35-45% CLOUDY WITH CUMULUS
Mar-24	WIND KEPT FROST FROM FORMING-AM HAD CIRRUS CLOUDS EST. 30-40% AND PM HAD COMPLETE CLOUD COVER OF CIRROSTRATUS BUT SOME SUN THROUGH CLOUDS
Mar-25	AM WAS VERY CLEAR & CUMULUS CAME IN AROUND 1500 AND PM WAS 20-30% CLOUDY
Mar-26	SOME CIRRUS UNTIL 0945 THEN CUMULUS FROM 1030-1415 THEN VERY CLEAR-AM EST. 30-40% CLOUDY-PM EST. 10-20% CLOUDY
Mar-27	VERY LITTLE RAIN BUT WET MOST OF AFTERNOON AND VERY COLD FOR END OF MARCH
Mar-28	WARMEST DAY SINCE FEB. 21, 2018 WHEN IT WAS 80.3°F
Mar-29	CLOUDY TO 1500 THEN BROKEN CIRRUS GIVING EST. 40-50% OVERCAST-IT WAS WARMEST DAY SINCE NOV. 3, 2017 WHEN IT WAS ALSO 82.2°F
Mar-30	MOSTLY CLOUDY MORNING AND STILL WARM BUT A COLD FRONT IS LOCATED JUST TO OUR WEST
Mar-31	COLD START TO THE DAY BUT A LARGE TEMPERATURE RANGE TODAY AND A PLASANT PM WITH CLEAR DEEP BLUE SKY AND VERY LOW RELATIVE HUMIDITY

DATE

## EXTENSION OF LENGTHY DAILY REMARKS

Mar-02	AND TWO PEOPLE KILLED BY FALLING TREES-ONE OF THESE WAS ANTHONY HAMILTON A CHESTER BOY A 6-YEAR-OLD BOY DIED AFTER A TREE FELL ONTO HIS FAMILY'S WHILE HE WAS SLEEPING EARLY FRIDAY MORNING. A PASSANGER IS DEAD AND DRIVER IS SERIOUSLY INJURED AFTER OFFICIALS SAY AN OAK TREE FELL ON A TRUCK IN JAMES CITY COUNTY NEAR WILLIAMSBURG, VA
Mar-03	AM CLOUDS EST. TO BE 20-25%
Mar-08	SKY AT 20-25% 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

[www.glenallenweather.com/upload/glenallenclimate/log/2016/2016\\_Obs\\_Rules.pdf](http://www.glenallenweather.com/upload/glenallenclimate/log/2016/2016_Obs_Rules.pdf)

DAILY RECORDS FOR THE MONTH

Mar  
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March-2018

The Glen Allen Station had 20 Records or Record Ties in March

1	
2	The minimum temperature on the 2nd was 40.9°F, a new 9-year warm daily minimum temperature record for the date - the old record was 38°F in 2014 and 2012.
3	
4	
5	
6	
7	
8	The minimum temperature on the 8th was 25.2°F, a new 9-year LOW daily minimum temperature record for the date - the old record was 26°F in 2014. The maximum temperature on the 8th was 46.9°F, a new 9-year cold daily maximum temperature record for the date - the old record was 49°F in 2013.
9	The minimum temperature on the 9th was 25.1°F, a new 9-year LOW daily minimum temperature record for the date - the old record was 28°F in 2010. The maximum temperature on the 9th was 48.1°F, a new 9-year cold daily maximum temperature record for the date - the old record was 52°F in 2011.
10	The minimum temperature on the 10th was 28.2°F, a new 9-year LOW daily minimum temperature record for the date - the old record was 29°F in 2013. The maximum temperature on the 10th was 48°F, a new 9-year cold daily maximum temperature record for the date - the old record was 52°F in 2012.
11	The maximum temperature on the 11th was 47.5°F, a new 9-year cold daily maximum temperature record for the date - the old record was 47.6°F in 2017.
12	The maximum temperature on the 12th was 40.9°F, a new 9-year cold daily maximum temperature record for the date - the old record was 46.5°F in 2017. The daily greatest snow on the 12th was 2.3 inches, and is a new 8-year daily greatest snow record for the date - the old record was 0 inches
13	
14	
15	The daily temperature range on the 15th was 32.1°F, a new 9-year HIGH daily temperature range record for the date - the old record was 32°F in 2013.
16	
17	
18	
19	
20	The daily precipitation on the 20th was 0.92 inches, a new 9-year HIGH daily precipitation record for the date - the old record was 0.74 inches in 2015.
21	The maximum temperature on the 21st was 35.8°F, a new 9-year cold daily maximum temperature record for the date - the old record was 48°F in 2013. The daily precipitation on the 21st was 0.52 inches, a new 9-year HIGH daily precipitation record for the date - the old record was 0.21 inches in 2011. The daily greatest snow on the 21st was 3.9 inches, and is a new 8-year daily greatest snow record for the date - the old record was 0.1 inches, in 2013. The daily temperature range on the 21st was 4.9°F, a new 9-year LOW daily temperature range record for the date - the old record was 18.5°F in 2017.
22	
23	
24	
25	
26	
27	
28	
29	The maximum temperature on the 29th was 82.2°F, a new 9-year daily HIGH maximum temperature record for the date - the old record was 78°F in 2009. The daily temperature range on the 29th was 33.2°F, a new 9-year HIGH daily temperature range record for the date - the old record was 29°F in 2011.
30	The maximum temperature on the 30th was 74°F, a new 9-year daily HIGH maximum temperature record for the date - the old record was 67.3°F in 2016.
31	The minimum temperature on the 31st was 32.7°F, a new 9-year LOW daily minimum temperature record for the date - the old record was 35°F in 2014 and 2009.

# MARCH TEMPERATURE GRAPH

