

20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38		
Jun 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																											
Jun-01			29.6	14	15:45	98	55	30.12	30.04	30.08	0.11																								4			
Jun-02			16.5	10	23:08	97	55	30.10	29.98	30.04	-0.04																								3			
Jun-03			31.2	22	19:06	96	54	30.05	29.94	30.00	-0.04																								3			
Jun-04			17.5	10	18:20	97	67	30.03	29.89	29.96	-0.04																						1		4			
Jun-05	1820	1840	111.9	25	12:56	98	60	29.92	29.71	29.82	-0.15																								P			
Jun-06			73.1	17	13:13	99	46	29.82	29.71	29.77	-0.05																								3			
Jun-07			51.8	20	17:44	97	37	29.73	29.52	29.63	-0.14																								3			
Jun-08			53.0	22	17:21	92	27	29.98	29.73	29.86	0.23																								4			
Jun-09			33.6	19	14:15	90	31	30.04	29.90	29.97	0.11																								3			
Jun-10			37.3	13	15:00	79	35	30.13	30.00	30.07	0.09																								1			
Jun-11			70.4	19	15:29	74	42	30.08	29.91	30.00	-0.07																								N			
Jun-12			58.1	21	15:49	80	29	29.93	29.75	29.84	-0.15																								1			
Jun-13			85.2	26	9:39	72	30	29.99	29.86	29.93	0.08																								N			
Jun-14			57.0	18	9:27	92	36	30.04	29.87	29.96	0.03																								3			
Jun-15			26.3	11	3:38	90	62	30.02	29.80	29.91	-0.04																								N			
Jun-16			45.7	42	21:31	97	52	29.80	29.61	29.71	-0.21																							5		P		
Jun-17	0820	0945	60.2	19	13:37	100	58	30.09	29.69	29.89	0.19																									P		
Jun-18			40.0	13	13:58	97	30	30.35	30.08	30.22	0.32																									4		
Jun-19			18.3	11	14:50	94	30	30.39	30.29	30.34	0.13																									3		
Jun-20			41.0	14	23:24	90	34	30.31	30.03	30.17	-0.17																									3		
Jun-21			90.4	24	13:51	89	53	30.03	29.84	29.94	-0.23																									N		
Jun-22			41.5	15	16:27	96	52	30.01	29.87	29.94	0.00																									3		
Jun-23	1400	2038	70.3	31	20:00	96	73	29.99	29.79	29.89	-0.05																								3		P	
Jun-24	2155	2220	30.2	29	22:05	99	55	30.05	29.89	29.97	0.08																								1		4	
Jun-25			54.3	14	4:05	97	56	30.21	30.03	30.12	0.15																									P		
Jun-26			19.9	10	12:49	99	41	30.24	30.11	30.18	0.05																									5		
Jun-27	2250	2325	55.3	19	12:48	96	54	30.17	29.95	30.06	-0.11																								1		4	
Jun-28	0710	0745	54.0	18	18:30	96	69	29.99	29.86	29.93	-0.14																									P		
Jun-29			41.7	15	0:40	98	45	30.03	29.89	29.96	0.04																								2		P	
Jun-30			36.1	11	7:04	92	46	30.08	30.00	30.04	0.08																									1		

TOTAL NUMBER	Column 23	1451.4	552		2787	1414	901.72	896.54	899.13	TOTAL	0	0	0	1	5	19	0	
	Mar. Wind Run	30	30	30	30	30	30	30	30	Normal	0.0	0.0	0.0	4.4	6.1	17.7	0.1	
AVERAGE	Total	1451.4	48.38	18.40	14:32	92.9	47.1	30.06	29.88	29.97	Depart.	0.0	0.0	0.0	-3.4	-1.1	1.3	-0.1
NORMALS	Miles	1344.4	44.8	18.4		93.2	47.6	30.02	29.88	29.94	DAYS							
DEPARTURES	Miles	107.0	3.6	0.0		-0.3	-0.5	0.04	0.00	0.03	OF ▶							

MAXIMUM DATES	Dates	111.9	42	NNW	100	73	30.39	30.29	30.34	0.32	GLAZE	SLEET	SNOW	FOG	K	DEW	FROST
	1	Jun-05	Jun-16	21:31	Jun-17	Jun-23	Jun-19	Jun-19	Jun-19	Jun-18							
	2																
	3																
4											5. Very Heavy 4. Heavy-Unusual 3. Moderate - Ave. 2. Light - < Ave.						
MINIMUM DATES	Dates	16.5	10		72	27	29.73	29.52	29.63	-0.23	1. Very Light - Slight - Trace						
	1	Jun-02	Jun-02		Jun-13	Jun-08	Jun-07	Jun-07	Jun-07	Jun-21	M - Event with intensity missing						
	2		Jun-04								N- None No Dew Obs.						
MIN. DAYS	<=75	<=70	<=65	<=60	<=55	<=50	<=45	<=40	<=35	<=30	P- Precip. prevent obs.						
	30	22	10	6	1	0	0	0	0	0							

REMARKS FOR THE MONTH

June - 2016

Jun 2016	
Jun-01	MOSTLY CLOUDY UNTIL 7045 THEN THIN CLOUDS BECAME CLEAR AT 0930-1030 THEN PC WITH CUMULUS-PM THICK CUMULUS AT 1515 THEN MOSTLY CLEAR TO SUNSET
Jun-02	PM HAD BROKEN CUMULUS BUT MUCH CLOUDINESS - AN ESTIMATED 60-70% CLOUDY AND HUMID WITH MAX. DEW POINT OF 72.1°F
Jun-03	SPRINKLES THIS PM AS A THUNDERSTORM PASSED TO OUR SOUTH AND SE-NO THUNDER HEARD HERE
Jun-04	PM SPRINKLE 1725-1730 AND 1950-2025 BUT ALL OF THE PM PRECIP. WAS ONLY A TRACE-THUNDERSTORM WAS JUST AFTER MIDNIGHT
Jun-05	CUMULUS CLOUDS CAME IN ABOUT 1200 AND PM WAS PC
Jun-06	CUMULUS CLOUDS CAME IN ABOUT 1245 AND PM WAS PC EST. CLOUD COVER AT 45-50%
Jun-07	A BEAUTIFUL PLEASANT JUNE DAY WITH LOW DEW POINT OF 40°F
Jun-08	ONLY A FEW CUMULUS CLOUDS 1030-1330
Jun-09	VERY CLEAR TO 1800 THEN CIRRUS AND CIRROSTRATUS-VERY LOW AM TEMP. OF 50°F AND 49°F AT AIRPORT
Jun-10	VERY THIN CIRRUS CAME IN 1300 BUT WAS HARDLY VISIBLE UNTIL 1600 WITH MUCH SOLAR RADIATION-CIRROSTRATUS AFTER 1815
Jun-11	HOTTEST DAY OF 2016- A NEW REC. HIGH TEMP. FOR DATE-VERY THIN CIRRUS
Jun-12	COLD FRONT PASSED AROUND 2030-PC IN THE AM WITH CIRRUS AND WAS PC WITH CUMULUS CLOUDS
Jun-13	SOME HIGH THIN CIRRUS BUT NOT ENOUGH TO CALL IT PC AND VERY LOW DEW POINT TEMP. OF 38°F AT 0021
Jun-14	SCATTERED CIRRUS DURING DAY AND VERY CLEAR AFTER 1545
Jun-15	CLOUDY MOST OF DAY BUT NO RAIN-HEAVY STRATOCUMULUS FROM 1000-1245
Jun-16	CLOUDY UNTIL 1045 THEN PC TO NOON-AM EST. 75-80% CLOUDY-PM PC UNTIL 1845 THEN CLOUDY-WORST THUNDERSTORM SINCE 6/25/2012 WHICH HAD 47MPH WINDS-TODAY'S WINDS WERE 42MPH
Jun-17	3RD PD. OF PRECIP. 1105-1320 AND 4TH PD. 1610-1615-MOST OF PRECIP. TODAY WAS DRIZZLE THAT WAS FOLLOWED BY CLEARING AT 1645
Jun-18	VERY CLEAR DAY AFTER 0800-BEAUTIFUL DAY FOR MIDDLE OF JUNE
Jun-19	SCATTERED CIRRUS UNTIL 1000 THEN A FEW CIRRUS THEN BECAME ALMOST TOTALLY CLEAR BY 1145-1615 THEN SCATTERED CUMULUS-AM EST. 20-30% CLOUDY-PM EST. 25-35% CLOUDY
Jun-20	AM WAS VERY CLEAR-PM HAD A FEW THIN CIRRUS FROM 1330-1515 THEN SCATTERED CUMULUS 1630 BECOMING CLEAR TO 1800 THEN PC TO SUNSET
Jun-21	UNEXPECTED MORNING SHOWER AND A PM THUNDERSTORM THAT DID NOT OCCUR IN LOCAL AREA
Jun-22	BROKEN OVERCAST FROM 0745-0915 BUT CLOUDY THE REST OF DAY
Jun-23	WORST AM THUNDERSTORM PASSED TO OUR SOUTH AND WORST PM TS PASSED TO WEST-RAIN MOST OF DAY EXCEPT AROUND NOON -TS HERE WAS NOT SEVERE AND ALMOST A 2
Jun-24	PM SPRINKLE MOISTURE ADDED TO DEW POINT BRINGING IT TO 76.5°F AT 1649-CLOUDY MOST OF DAY WITH BROKEN OVERCAST BET. 1100-1530-TS PASSED TO EAST AROUND 2200
Jun-25	CLOUDY MOST OF DAY BUT BECAME PC AT 1600 AND THEN VERY CLEAR BY 1745
Jun-26	AM THIN CIRRUS- BUT PM HAD LESS CIRRUS AND ALMOST FULL SUN
Jun-27	CIRRUS FROM 1130-1445 THEN CUMULUS AND CIRRUS FOLLOWED BY MAINLY CUMULUS AFTER 1500-TOTALLY CLOUDY AFTER 1800
Jun-28	2 PERIODS OF SPRINKLES BET. 0710-0745 THEN 0.01 INS. OF RAIN FROM 0950-1045 AND ANOTHER SPRINKLE FROM 1345-1405 - Max. Dew PT was 76.5°F today
Jun-29	LIGHT AM FOG THEN CLEAR UNTIL 1130 FOLLOWED BY CIRRUS TO 1230 THEN SCATTERED CUMULUS WITH CIRRUS - PM ESTIMATED TO BE 35-40% CLOUDY
Jun-30	CIRRUS TO START THE DAY BECAME THICKER AN SKY WAS TOTALLY OVERCAST BY 1030 WITH ONLY A FEW BREAKS TO NOON AND THE PM WAS CLOUDY - AM ESTIMATED TO BE 55% TO 65% CLOUDY

DATE

EXTENSION OF LENGTHY DAILY REMARKS

Jun-16 THUNDERSTORM WAS RATED AS A 5-4-5-STORM ENDED UP COSTING HENRICO CO. \$2.3 MILLION-MOST DAMAGE DONE BY FALLING TREES-MOST WHO LOST POWER WERE BACK IN 4 DAYS THE MAX. NUMBER OF CUSTOMERS WITHOUT POWER IN HENRICO WAS 160,000 AND 200,000 FOR CENTRAL VA.

June 16, 2016- Thursday A report from Lexington Farm Subdivision

Glen Allen had the worst thunderstorm since June 25, 2012 today between 2130 and midnight.

The storm had tops to 52,000 feet and wind to 42 mph here.

The Richmond International Airport had a gust to 60 mph and Ashland Airport had winds to 58 mph.

Our neighborhood lost 2 trees and about 40 miles to our north they had 1.25 inch hail. The lightning was also very frequent.

We couldn't get to sleep until about midnight because of the thunder.

One bolt was about 3 or 4 miles away but was so strong it shook the house!

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

DAILY RECORDS FOR THE MONTH

The Glen Allen Station had 24 Records or Record Ties in June 2016

41

Jun
2016

1

2

3

The minimum temperature on the 3rd was 69.8°F, a new 6 year warm daily minimum temperature record for the date - the old record was 68°F in 2013.

4

The minimum temperature on the 4th was 70°F, a new 6 year warm daily minimum temperature record for the date - the old record was 67°F in 2010.

5

6

The daily temperature range on the 6th was 16.1°F, a new 6 year LOW daily temperature range record for the date - the old record was 17°F in 2013.

7

The maximum temperature on the 7th was 88.3°F, a new 6 year daily HIGH maximum temperature record for the date - the old record was 88°F in 2011.

8

9

The minimum temperature on the 9th was 50.2°F a new 6 year LOW daily minimum temperature record for the date - the old record was 58°F in 2012.

The daily temperature range on the 9th was 33.1°F a new 6 year HIGH daily temperature range record for the date - the old record was 31°F in 2012.

10

The minimum temperature on the 10th was 59.1°F a new 6 year LOW daily minimum temperature record for the date - the old record was 61.7°F in 2015.

11

The maximum temperature on the 11th was 93.8°F, a new 6 year daily HIGH maximum temperature record for the date - the old record was 93°F in 2011.

The daily temperature range on the 11th was 27.4°F a new 6 year HIGH daily temperature range record for the date - the old record was 24.2°F in 2015.

12

The maximum temperature on the 12th was 95.1°F, a new 6 year daily HIGH maximum temperature record for the date - the old record was 93°F in 2010.

The daily temperature range on the 12th was 24.8°F a new 6 year HIGH daily temperature range record for the date - the old record was 24°F in 2013 and 2011.

13

14

15

16

The daily precipitation on the 16th was 1.55 inches a new 6 year HIGH daily precipitation record for the date - the old record was 0.36 inches in 2011.

17

18

The minimum temperature on the 18th was 59.3°F a new 6 year LOW daily minimum temperature record for the date - the old record was 60°F in 2012.

19

The minimum temperature on the 19th was 55.1°F a new 6 year LOW daily minimum temperature record for the date - the old record was 64°F in 2013.

The daily temperature range on the 19th was 31.7°F a new 6 year HIGH daily temperature range record for the date - the old record was 27°F in 2012.

20

The minimum temperature on the 20th was 59°F a new 6 year LOW daily minimum temperature record for the date - the old record was 62°F in 2013.

The daily temperature range on the 20th was 30.5°F a new 6 year HIGH daily temperature range record for the date - the old record was 26°F in 2012.

21

The minimum temperature on the 21st was 73.5°F, a new 6 year warm daily minimum temperature record for the date - the old record was 72.6°F in 2015.

22

The daily temperature range on the 22nd was 13.1°F, a new 6 year LOW daily temperature range record for the date - the old record was 14°F in 2014.

23

The maximum temperature on the 23rd was 79.7°F, a new 6 year cool daily maximum temperature record for the date - the old record was 85°F in 2014 and 2011.

The daily precipitation on the 23rd was 1.27 inches a new 6 year HIGH daily precipitation record for the date - the old record was 0.74 inches in 2013.

24

25

The maximum temperature on the 25th was 82.9°F, a new 6 year cool daily maximum temperature record for the date - the old record was 86°F in 2011.

The daily temperature range on the 25th was 12.3°F, a new 6 year LOW daily temperature range record for the date - the old record was 19°F in 2014 and 2013.

26

27

28

The daily temperature range on the 28th was 11.6°F, a new 6 year LOW daily temperature range record for the date - the old record was 17.5°F in 2015.

29

30