


		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Jan 2015	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		
Jan-01	Thu	47	13:44	26	5:26	21	36.4	4.3	42	0	0									
Jan-02	Fri	50	12:54	38	7:04	13	44.1	7.7	43	2	2	T	T	T					1455	1500
Jan-03	Sat	47	14:38	40	0:01	7	43.2	-0.9	44	2	2	0.07	0.02	0.01					0515	1040
Jan-04	Sun	67	13:58	41	0:58	26	53.8	10.7	45	2	2	0.04	0.04	0.02					0625	0750
Jan-05	Mon	53	0:01	28	22:41	25	40.1	-13.8	47	0	0									
Jan-06	Tue	42	14:52	25	23:44	17	33.2	-6.8	44	2	1									
Jan-07	Wed	34	13:05	14	23:56	20	24.4	-8.9	43	2	1									
Jan-08	Thu	26	15:06	7	6:34	19	16.6	-7.8	39	0	0									
Jan-09	Fri	45	14:45	22	1:01	23	33.4	16.8	38	1	0									
Jan-10	Sat	37	13:52	15	7:27	21	25.9	-7.5	38	0	0									
Jan-11	Sun	45	15:18	15	4:13	31	29.9	4.0	36	0	1	T	T	T					2235	2400
Jan-12	Mon	44	18:18	35	5:54	9	39.6	9.7	38	2	2	0.73	0.22	0.04					0001	2145
Jan-13	Tue	41	0:01	28	23:53	12	34.6	-5.0	40	2	2	T	T	T					0120	0140
Jan-14	Wed	31	16:42	25	7:39	6	27.8	-6.8	39	2	2	0.08	0.05	0.01	0.1	T			0001	0730
Jan-15	Thu	39	12:21	29	1:19	9	34.0	6.2	39	2	2	0.01	0.01	T	0.2				0005	0245
Jan-16	Fri	53	14:17	26	7:03	27	39.1	5.2	40	0	0									
Jan-17	Sat	43	14:59	25	6:33	18	33.7	-5.4	39	0	0									
Jan-18	Sun	55	15:32	36	0:01	20	45.4	11.7	40	2	1	0.73	0.29	0.06					0310	1135
Jan-19	Mon	55	14:53	33	23:37	23	44.0	-1.4	41	1	0									
Jan-20	Tue	58	14:37	27	7:32	31	42.7	-1.3	41	0	1									
Jan-21	Wed	42	15:42	27	23:56	15	34.4	-8.3	42	2	2	T	T	T					1150	1405
Jan-22	Thu	50	14:45	26	2:26	24	37.7	3.3	40	2	0									
Jan-23	Fri	42	13:36	28	1:54	13	34.9	-2.8	41	2	2	0.61	0.19	0.02					1430	2400
Jan-24	Sat	44	16:11	32	22:57	11	37.9	3.0	41	2	2	0.40	0.22	0.02					0001	0720
Jan-25	Sun	54	13:56	29	4:34	25	41.2	3.4	40	1	1									
Jan-26	Mon	43	1:01	30	23:31	13	36.7	-4.6	42	2	2	0.33	0.14	0.01	0.2				0125	1115
Jan-27	Tue	38	14:13	28	6:21	10	32.7	-4.0	41	2	2	0.10	0.05	0.01	1.5	T			0500	0920
Jan-28	Wed	43	14:45	21	7:22	22	31.8	-1.0	40	0	0									
Jan-29	Thu	42	14:24	18	6:26	24	29.7	-2.1	38	1	2	T	T	T					1530	1635
Jan-30	Fri	45	12:32	23	23:52	22	34.2	4.5	39	2	1	T	T	T	T				1138	1143
Jan-31	Sat	42	15:26	14	7:22	28	28.2	-6.1	38	0	0									

TOTAL		1394		807		586.5	1100.7	-3.9	1258	38	33	3.10	1.23	0.20	2.0	T	Col.26-27			
NUM		31	31	31	31	31	31	31	31	31	31	10	10	9	4	0	DAILY AVE RH			
AVE.		44.96	13:14	26.05	10:14	18.92	35.50		40.58	1.23	1.06	Ave. Tot.	Ave.Max	Ave.Max	Ave.Tot.	Ave.Days	62.1	Percent		
Normals		47.39		27.88		19.64	37.64		41.36	1.07	1.15	3.15	0.38	0.10	4.7	1.3	64.7	Percent		
Departures		-2.42		-1.84		-0.72	-2.13		-0.78	0.15	-0.08	-0.05	-0.09	-0.04	-2.7	-1.3	-2.6	Percent		
MAX.	Dates	67		41		31.4	53.8	16.8	47.0	Whole	Day	0.73	0.29	0.06	1.5	T	Precip	24 Hr.		
	1	Jan-04		Jan-04		Jan-20	Jan-04	Jan-09	Jan-05	AVE.	1.15	Jan-12	Jan-18	Jan-18	Jan-27	Jan-14	Amount	1.00		
	2									Normal	1.11	Jan-18				Jan-27	Date	Jan 23		
	3									Depart.	0.04						Date	Jan 24		
MIN.	Dates	26		7		6.2	16.6	-13.8	36.0	SKY	AM	PM	>= 0.10	INCHES	>= 1.00	INCHES	>= 2.00	INCHES		
	1	Jan-08		Jan-08		Jan-14	Jan-08	Jan-05	Jan-11	CLEAR	10	11	6	DAYS	0	DAYS	0	DAYS		
	2									P.CLO.	4	7	HOTTEST	53.8	Highest	Lowest	COOLEST	16.6		
	3									CLO.	17	13	DAY	Jan-04	Mean	Mean	DAY	Jan-08		
<=32°F		2	<=32°F	24	MAX.	<=80	<=75	<=70	<=65	<=60	<=55	<=50	<=45	<=40	<=35	<=30	<=25	<=20		
>=90°F		0	>=70°F	0	DAYS	31	31	31	30	30	27	23	18	6	3	1	0	0		

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

Jan 2015	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE										
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG	DEW	FROST	
Jan-01			109.5	22	14:18	67	28	30.31	30.14	30.23	-0.16						2	
Jan-02	1550	1555	34.8	13	2:30	73	37	30.42	30.15	30.29	0.06					1		
Jan-03	1500	2200	23.4	9	9:50	94	57	30.50	30.15	30.33	0.04					P		
Jan-04	1230	1250	134.9	33	19:59	100	69	30.15	29.80	29.98	-0.35			2		P		
Jan-05			65.0	21	13:08	62	22	30.47	30.00	30.24	0.26					N		
Jan-06			28.5	13	19:32	69	38	30.43	30.09	30.26	0.02					N		
Jan-07			93.0	26	13:49	80	27	30.51	30.03	30.27	0.01						N	
Jan-08			69.5	26	23:22	57	21	30.63	30.30	30.47	0.19						2	
Jan-09			109.7	26	3:38	58	20	30.32	30.10	30.21	-0.25						N	
Jan-10			20.0	10	8:51	68	18	30.66	30.32	30.49	0.28						2	
Jan-11			21.0	12	13:29	74	24	30.70	30.53	30.62	0.13						3	
Jan-12			36.1	18	20:33	94	33	30.53	30.13	30.33	-0.29				1		P	
Jan-13	2235	2400	146.4	24	4:56	92	43	30.53	30.24	30.39	0.05					P		
Jan-14			78.1	17	2:04	90	66	30.48	30.22	30.35	-0.03	1	1				P	
Jan-15			24.9	10	13:47	90	64	30.25	30.03	30.14	-0.21			1			P	
Jan-16			40.0	16	12:57	94	36	30.25	29.99	30.12	-0.02						4	
Jan-17			34.6	14	14:22	81	45	30.44	30.20	30.32	0.20						3	
Jan-18			28.9	15	15:15	95	56	30.20	29.77	29.99	-0.34			2		P		
Jan-19			28.4	18	12:23	83	34	30.04	29.90	29.97	-0.02					2		
Jan-20			38.5	15	19:42	93	38	30.04	29.88	29.96	-0.01						4	
Jan-21			39.2	15	11:57	93	66	30.19	30.14	30.17	0.20						1	
Jan-22			16.2	14	15:19	95	49	30.41	30.16	30.29	0.12				5		5	
Jan-23			19.6	12	12:38	93	54	30.43	29.84	30.14	-0.15						2	
Jan-24	1238	1530	63.5	16	13:03	99	84	29.84	29.49	29.67	-0.47					P		
Jan-25			45.5	15	13:52	88	41	29.93	29.75	29.84	0.18						3	
Jan-26	2038	2355	83.0	19	14:54	95	68	29.84	29.64	29.74	-0.10			1		P		
Jan-27	1150	1210	90.5	25	4:43	90	61	30.00	29.72	29.86	0.12			2			P	
Jan-28			70.8	22	12:04	75	18	30.37	30.00	30.19	0.33						2	
Jan-29			51.9	19	21:45	81	26	30.37	29.97	30.17	-0.02						3	
Jan-30	1250	1255	98.0	31	15:54	65	28	30.29	29.92	30.11	-0.07			1		N		
Jan-31			27.1	13	11:10	75	19	30.39	30.27	30.33	0.22						2	
TOTAL			1770.5	559		2563	1290	939.92	930.87	935.40	-0.06	1	1	4	4	0	2	14
Number	Mar. Wind Run		31	31	31	31	31	31	31	31	31	GLAZE	SLEET	SNOW	FOG	THUNDER	DEW	FROST
AVE.	Total	1770.5	57.11	18.03	13:05	82.68	41.61	30.32	30.03	30.17								
Normals	Miles	1590.0	51.29	32.35		85.98	44.59	30.19	29.92	30.05								
Departures	Miles	180.5	5.82	-14.32		-3.30	-2.98	0.13	0.11	0.12								
MAXIMUM DATES		Dates	146.4	33	HOUR	100	84	30.70	30.53	30.62	0.33							
		1	Jan-13	Jan-04	19:59	Jan-04	Jan-24	Jan-11	Jan-11	Jan-11	Jan-28	5. Very Heavy 4. Heavy-Unusual 3. Moderate - Ave. 2. Light - < Ave. N- None						
		2																
		3																
		4																
MINIMUM DATES		Dates	16.2	9		57	18	29.84	29.49	29.67	-0.47	1. Very Light - Slight - Trace M - Event with intensity missing P - Rain hindering Dew or Frost Observations						
		1	Jan-22	Jan-03		Jan-08	Jan-10	Jan-24	Jan-24	Jan-24	Jan-24							
		2					Jan-28	Jan-26										
MINIMUM DAYS		<=75	<=70	<=65	<=60	<=55	<=50	<=45	<=40	<=35	<=30	<=25	<=20	<=15	<=10	<=5	<=0	<=-5
		31	31	31	31	31	31	31	30	27	23	12	6	4	1	1	0	0

Jan
2015

REMARKS FOR THE MONTH

January - 2015

Jan-01 SUNNY AND DRY BUT FELT CHILLY BECAUSE OF THE WIND
 Jan-02 A LITTLE ABOVE AVERAGE TEMPS BUT CLOUDY AND A FEW SPRINKLES IN AFTERNOON
 Jan-03 MOSTLY LIGHT DRIZZLE DURING DAY-RAIN INCREASED AFTER 2000 BUT WAS STILL CONSIDERED LIGHT
 Jan-04 VERY LITTLE LIGHT RAIN BUT CLOUDY ALL DAY
 Jan-05 NO CLOUDS BUT A COOL DAY BECAUSE OF THE WIND
 Jan-06 PM ABOUT 30-40% CLOUDY THEN CLEAR AFTER 1545
 Jan-07 LOW DEW POINT TODAY - 7.1°F AT 1740-VERY DRY AIR -HIGH PRESSURE IN BC, CANADA IS ABOUT 31 INS. OF PRESSURE AND HEADED SE
 Jan-08 COLDEST SINCE MARCH 4, 2014 WHEN IT WAS ALSO 7°F -MIN. DEW POINT -11.1°F AT 0003-LOWEST DEW POINT EVER REC. HERE
 Jan-09 SKY CLEARED ABOUT 0915-0930-NO DEW- WINDY AND CLOUDY NIGHT
 Jan-10 VERY CLEAR -EXTREMELY LOW REL. HUMIDITY AND DEW POINT OF -5.5 AT 1630-NO CLOUDS
 Jan-11 CLOUDS CAME IN AS THIN CIRRUS AT 1120 AND THICK CIRRUS BY 1615
 Jan-12 SPRINKLES UNTIL 0320 THEN RAIN THE REST OF DAY
 Jan-13 CLOUDY CHILLY DAY WITH A COLD EAST TO NE BREEZE
 Jan-14 THE 2ND DAY THIS YEAR THAT THE MAX. TEMP. STAYED BELOW FREEZING-SLEET HEAVIEST AT 0435-0455-SLEET BECAME VERY LIGHT AT 0520
 Jan-15 FLUFFY SNOW 20 TO 1 RATIO OVERNIGHT - 0.2 INCHES
 Jan-16 FIRST SUNNY DAY AFTER 4 CLOUDY COLD DAYS-SOME PM CIRROCUMULUS BUT AM HAD NO CLOUDS
 Jan-17 NO CLOUDS TODAY UNTIL 1500 THEN A FEW CIRRUS CLOUDS-A CHILLY DAY TO BE SO SUNNY
 Jan-18 MAX. FOG AT NOON THEN CLEARING BY 1345 AND TOTALLY CLEAR BY 1430
 Jan-19 CLOUDS CLEARED AT 0900 AND WAS MOSTLY CLEAR FOR REST OF DAY
 Jan-20 WARM DAY FOR JAN. AND VERY CLEAR AM - PM EST. 45% CLOUDY
 Jan-21 CLOUDY AM AND A FEW SPRINKLES FROM NOON TO 1400 AND SOME PM BREAKS IN CLOUDS
 Jan-22 FREEZING FOG WITH LOW VISIBILITY ABOUT 0.2 MILES-UNUSUAL AM -CLEAR PM ALL FROST MELTED ON MIRROR BY 1000
 Jan-23 LIGHT BUT CONTINUOUS RAIN FROM START-COASTAL LOW PRESSURE BUT LITTLE COLD AIR TO NORTH FOR SNOW
 Jan-24 VERY COLD RAIN BUT NO SLEET OBSERVED-SKY CLEARED AT 1630-CHILLY DAMP DAY
 Jan-25 ALTOCUMULUS IN AM FROM 0800-1000 THEN MOSTLY SCATTERED CIRRUS REST OF DAY-DEEP SNOW FORECAST FOR NY
 Jan-26 0.32 INS. OF RAIN BEFORE SNOW STARTED AND ONLY 0.01 IN. FROM SNOW BY 2400-NY ONLY GOT ROUGHLY 8 INS. OF SNOW
 Jan-27 A WRAP AROUND BAND OF SNOW FROM NE STORM GAVE 1.5 INS. OF SNOW BET. 0500-0920
 Jan-28 NO CLOUDS TODAY BUT CHILLY WITH WIND AND TEMPS. IN LOW 40'S
 Jan-29 SUNNY THROUGH AM WITH CIRRUS CLOUDS AND PM WAS CLOUDY
 Jan-30 COLD FRONT PASSED EARLY IN MORNING AND AM WAS MOSTLY CLOUDY- SNOW PELLETS FROM 1250-1255 AND CLEARING AFTER 1600
 Jan-31 VERY CLEAR AND A NICE DAY FOR JANUARY EXCEPT CHILLY

DATE EXTENSION OF LENGTHY DAILY REMARKS

Jan-14 BUT DIDN'T STOP UNTIL 0630 AND WAS FOLLOWED BY 0.01 INCHES OF FREEZING DRIZZLE

Days

The Glen Allen Station had 24 Records or Tied Records for January 2015

1

2

The minimum temperature on the 2st was 37.8 °F, a new 6 year warm daily minimum temperature record for the date - the old record was 34°F in 2013.

3

The minimum temperature on the 3st was 39.8 °F, a new 6 year HIGH daily minimum temperature record for the date - the old record was 30°F in 2009.

4

The daily temperature range on the 3st was 6.7°F, a new 6 year LOW daily temperature range record for the date; the old record was 13°F in 2013.

The maximum temperature on the 4th was 66.8°F, a new 6 year daily HIGH maximum temperature record for the date - the old record was 49°F in 2013.

The minimum temperature on the 4st was 40.8 °F, a new 6 year warm daily minimum temperature record for the date - the old record was 30°F in 2009.

The daily temperature range on the 4st was 26°F, and EQUALED the 6 year HIGH daily maximum temperature range record for the date; the old record was set in 2014.

5

6

The maximum temperature on the 6th was 41.6°F, a new 6 year cool daily maximum temperature record for the date - the old record was 43°F in 2010 and 2009.

7

8

The minimum temperature on the 8th was 6.9°F, a new 6 year LOW daily minimum temperature record for the date - the old record was 10°F in 2014.

The minimum temperature last night was 7°F the lowest minimum temperature since March 4, 2014 when the minimum temperature was also 7°F.

The maximum temperature on the 8th was 26.3°F, a new 6 year cold daily maximum temperature record for the date - the old record was 33°F in 2010.

9

10

The minimum temperature on the 10th was 15.2°F, a new 6 year LOW daily minimum temperature record for the date - the old record was 17°F in 2010.

11

The daily temperature range on the 11st was 30.6°F, a new 6 year HIGH daily temperature range record for the date - the old record was 29°F in 2010

12

The daily precipitation on the 12st was 0.73 inches, a new 6 year HIGH daily precipitation record for the date - the old record was 0.29 inches in 2012.

13

14

The maximum temperature on the 14th was 30.9°F, a new 6 year cold daily maximum temperature record for the date - the old record was 38°F in 2009.

The daily greatest snow on the 14st is now 0.1 inches, and is a new 6 year daily greatest snow record for the date - the old record was 0 inches for the date.

15

The daily greatest snow on the 15st is now 0.2 inches, and is a new 6 year daily greatest snow record for the date - the old record was Trace in 2014.

16

17

18

The minimum temperature on the 18st was 35.6 °F, a new 6 year warm daily minimum temperature record for the date - the old record was 35°F in 2010.

The daily precipitation on the 18st was 0.73 inches, a new 6 year HIGH daily precipitation record for the date - the old record was 0.02 inches in 2011.

19

20

The daily temperature range on the 20st was 31.4°F, a new 6 year HIGH daily temperature range record for the date - the old record was 27°F in 2013.

21

22

23

The daily temperature range on the 23st was 13.4°F, a new 6 year LOW daily temperature range record for the date; the old record was 17°F in 2012.

The daily precipitation on the 23st was 0.61 inches, a new 6 year HIGH daily precipitation record for the date - the old record was 0.02 inches in 2012.

24

The daily temperature range on the 24st was 11.3°F, a new 6 year LOW daily temperature range record for the date; the old record was 16°F in 2013.

The daily precipitation on the 24st was 0.40 inches, a new 6 year HIGH daily precipitation record for the date - the old record was 0.02 inches in 2013 and 2010.

25

26

27

The daily greatest snow on the 27st is now 1.5 inches, and is a new 6 year daily greatest snow record for the date - the old record was 0.3 inches in 2009.

28

29

30

31