


1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19	
Feb 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																			
Feb-01	Sun	47	14:10	24	1:03	24	35.4	7.2	37	2	2	T	T	T			1936	2230																			
Feb-02	Sun	57	7:45	25	23:56	32	40.8	5.4	41	2	1	0.43	0.30	0.11			0300	0530																			
Feb-03	Mon	42	15:29	19	5:41	23	30.6	-10.2	40	0	0																										
Feb-04	Tue	57	14:46	28	0:17	28	42.5	11.9	39	0	1																										
Feb-05	Wed	44	0:29	19	23:58	25	31.5	-11.0	41	2	0																										
Feb-06	Thu	41	14:35	11	7:02	30	25.7	-5.9	38	0	2																										
Feb-07	Fri	61	15:10	25	5:13	35	42.8	17.2	37	1	1																										
Feb-08	Sat	72	14:22	40	4:37	31	56.0	13.2	40	0	1																										
Feb-09	Sun	59	0:01	34	23:55	25	46.3	-9.7	43	2	2	0.27	0.17	0.02			1931	2400																			
Feb-10	Mon	39	16:40	31	9:46	8	34.8	-11.6	43	2	2	0.43	0.13	0.01	T		0001	0850																			
Feb-11	Tue	48	15:04	28	7:03	21	37.9	3.2	41	0	0																										
Feb-12	Wed	47	13:29	24	23:58	23	35.8	-2.2	41	2	2	0.02	0.02	0.01	T		1349	1445																			
Feb-13	Thu	31	15:23	15	7:54	16	23.2	-12.6	39	0	0																										
Feb-14	Fri	47	16:33	20	23:55	27	33.4	10.2	38	2	2	0.01	0.01	T	0.1		1923	2005																			
Feb-15	Sat	27	14:16	12	7:11	15	19.8	-13.6	37	0	0																										
Feb-16	Sun	21	12:56	9	5:35	12	15.2	-4.6	36	2	2	0.58	0.18	0.02	5.3	0.6	1345	2400																			
Feb-17	Mon	34	15:37	15	4:16	19	24.7	9.5	36	1	0	0.22	0.08	0.01	0.9	5.2	0001	0615																			
Feb-18	Tue	39	14:28	11	7:04	28	24.8	0.1	36	0	2	T	T	T	T	4.5	1830	1840																			
Feb-19	Wed	22	13:49	4	23:57	18	13.2	-11.7	37	0	0					4.0																					
Feb-20	Thu	23	14:30	-1	6:29	24	10.9	-2.3	36	0	0					3.5																					
Feb-21	Fri	33	23:06	11	0:01	22	22.0	11.1	35	2	2	0.85	0.39	0.03	0.2	3.0	1220	1230																			
Feb-22	Sat	50	15:05	33	0:01	17	41.3	19.4	35	2	2	0.33	0.13	0.01		1.0	0001	0810																			
Feb-23	Sun	38	10:51	19	23:58	18	28.4	-12.9	36	2	1					0.5																					
Feb-24	Mon	29	13:55	15	7:09	13	21.8	-6.6	35	2	2	T	T	T	T	T	1800	1805																			
Feb-25	Tue	46	15:03	19	6:46	27	32.5	10.7	35	0	2					T																					
Feb-26	Wed	38	14:07	25	22:20	13	31.5	-1.1	37	2	2	0.41	0.12	0.01	4.7	2.4	0100	0940																			
Feb-27	Thu	38	14:40	26	7:02	12	32.1	0.6	37	2	1					1.0																					
Feb-28	Fri	35	14:53	18	6:55	17	26.6	-5.5	36	0	0					0.5																					
TOTAL NUM		1162	28	560	28	602.7	860.9	-1.6	1062	30	32	3.55	1.53	0.23	11.2	26.2	Col.26-27																				
AVE.		41.51	13:36	19.98	10:36	21.53	30.74		37.93	1.07	1.14	Ave. Tot.	Ave.Max	Ave.Max	Ave.Tot.	Ave.Days	54.4	Percent																			
Normals		51.51		30.03		21.48	40.77		41.81	1.10	1.16	2.51	0.36	0.08	4.9	4.0	61.5	Percent																			
Departures		-10.00		-10.05		0.05	-10.02		-3.89	-0.02	-0.02	1.04	0.04	0.03	6.3	22.2	-7.1	Percent																			
MAX. DATES		72		40		35.4	56.0	19.4	43.0	Whole Day		0.85	0.39	0.11	5.3	5.2	Precip	24 Hr.																			
1		Feb-08		Feb-08		Feb-07	Feb-08	Feb-22	Feb-09	AVE.	1.11	Feb-21	Feb-21	Feb-02	Feb-16	Feb-17	Amount	1.18																			
2									Feb-10	Normal	1.13						Date	Feb.21																			
3										Depart.	-0.02						Date	Feb.22																			
MIN. DATES		21		-1		7.5	10.9	-13.6	35.0	SKY		>= 0.10	INCHES		>= 1.00	INCHES		>= 2.00	INCHES																		
1		Feb-16		Feb-20		Feb-10	Feb-20	Feb-15	Feb-21	CLEAR	12	9	8	DAYS		0	DAYS		0	DAYS																	
2									Feb-22	P.CLO.	2	6	HOTTEST	56.0	Highest	Lowest	COOLEST	10.9																			
3								24 & 25		CLO.	14	13	DAY	2-08	Mean	Mean	DAY	2-20																			
<=32 °F		6	<=32 °F	25	MAX. DAYS	>=80	>=75	>=70	>=65	>=60	>=55	>=50	>=45	>=40	>=35	>=30	>=25	>=20																			
>=90°F		0	>=70 °F	0		0	0	1	1	2	5	5	11	14	20	23	25	28																			

20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38	
Feb 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																				
Feb-01			35.7	11	8:40	73	26	30.32	29.79	30.06	-0.27																								N		
Feb-02	0800	1325	150.8	33	6:54	91	36	30.14	29.41	29.78	-0.28																							P			
Feb-03			21.8	12	15:01	79	23	30.39	30.12	30.26	0.48																								3		
Feb-04			136.5	26	11:02	64	26	30.33	29.98	30.16	-0.10																								N		
Feb-05			161.2	33	8:23	64	23	30.36	29.87	30.12	-0.04																								N		
Feb-06			73.2	22	13:40	72	21	30.40	30.23	30.32	0.20																								2		
Feb-07			97.2	25	14:16	59	18	30.24	29.98	30.11	-0.20																								N		
Feb-08			132.6	27	15:53	49	20	29.98	29.77	29.88	-0.23																								N		
Feb-09			90.3	19	0:01	92	32	29.91	29.34	29.63	-0.25																								N		
Feb-10			170.8	25	14:44	94	74	30.03	29.89	29.96	0.34	1	1	1																				P			
Feb-11			76.3	19	0:05	80	37	30.09	29.91	30.00	0.04																								3		
Feb-12			69.3	28	21:18	93	38	30.13	29.78	29.96	-0.05																								4		
Feb-13			68.2	20	6:48	50	23	30.35	30.13	30.24	0.29																								N		
Feb-14			179.3	36	18:35	82	29	30.17	29.49	29.83	-0.41																								N		
Feb-15			130.6	28	0:24	40	20	30.36	29.88	30.12	0.29																								N		
Feb-16			26.6	13	8:56	85	27	30.41	30.00	30.21	0.09																								N		
Feb-17			55.1	15	12:21	84	44	30.01	29.88	29.95	-0.26																								P		
Feb-18			55.7	24	16:33	90	33	29.99	29.74	29.87	-0.08																								3		
Feb-19			89.8	22	1:21	43	23	30.28	29.98	30.13	0.27																								N		
Feb-20			30.1	13	9:56	55	22	30.56	30.28	30.42	0.29																								1		
Feb-21	1340	2400	49.5	16	12:51	93	39	30.53	30.20	30.37	-0.05	1	1	1																				N			
Feb-22			24.3	11	10:14	95	63	30.26	30.14	30.20	-0.16																								P		
Feb-23			129.8	23	12:28	94	32	30.42	30.22	30.32	0.12																								2		
Feb-24			52.0	13	11:06	76	30	30.41	29.89	30.15	-0.17																								N		
Feb-25			33.6	11	0:07	88	27	30.00	29.84	29.92	-0.23																								3		
Feb-26			80.9	23	10:54	93	52	30.17	29.81	29.99	0.07																								P		
Feb-27			45.6	20	9:16	93	48	30.66	30.17	30.42	0.42																								3		
Feb-28			55.7	15	10:18	60	28	30.87	30.66	30.77	0.35																								N		
TOTAL			2322.5	583		2131	914	847.77	838.38	843.08	0.44	GLAZE	SLEET	SNOW	FOG	THUNDER	DEW	FROST																			
Number	Feb. Wind Run		28	28	28	28	28	28	28	28	28																										
AVE.	Total	2322.5	82.9	20.8	10:04	76.1	32.6	30.28	29.94	30.11																											
Normals	Miles	1771.0	62.8	20.4	Directions	84.0	38.5	30.16	29.89	30.02																											
Departures	Miles	551.5	20.1	0.4	Day Order	-7.9	-5.8	0.12	0.05	0.09																											
MAXIMUM	Dates		179.3	36	SSW	95	74	30.87	30.66	30.77	0.48	5. Very Heavy 4. Heavy-Unusual 3. Moderate - Ave. 2. Light - < Ave. N- None																									
DATES	1		Feb-14	Feb-14	18:35	Feb-22	Feb-10	Feb-28	Feb-28	Feb-28	Feb-03																										
	2																																				
	3																																				
	4																																				
MINIMUM	Dates		21.8	11		40	18	29.91	29.34	29.63	-0.41	1. Very Light - Slight - Trace M - Event with intensity missing P - Rain hindering Dew & Frost Obs.																									
DATES	1		Feb-03	Feb-01		Feb-15	Feb-07	Feb-09	Feb-09	Feb-09	Feb-14																										
	2			Feb-22																																	
MINIMUM	<=75		<=70	<=65	<=60	<=55	<=50	<=45	<=40	<=35	<=30	<=25	<=20	<=15	<=10	<=5	<=0																				
DAYS	28		28	28	28	28	28	28	27	27	24	19	16	7	3	2	1																				

Feb
2015

REMARKS FOR THE MONTH

February - 2015

Feb-01	ONLY ONE PD. WITH A FEW CLOUDS FROM 0700-0715 & 1100-1200
Feb-02	CLEARING STARTED AT 1430-VERY WINDY AND CHANGEABLE DAY-COLD FRONT PASSED AT 1030
Feb-03	CLEAR ALL DAY EXCEPT THIN CIRRUS FROM 0900-1030
Feb-04	BEAUTIFUL FEB. DAY EXCEPT A LITTLE WINDY-PM HAD A THIN LAYER OF CIRRUS
Feb-05	VERY WINDY DAY AS AN ARCTIC COLD FRONT PASSED AT 0800-VERY LOW DEW POINT OF -3.9°F -AM CLOUDS WITH CIRRUS AND CIRROSTRATUS AND
Feb-06	YESTERDAY WAS THE WINDIEST DAY SINCE DEC. 7, 2014 WHEN THE WIND RUN WAS 204.7 MILES AND COLDEST SINCE JAN. 8, 2015 WHEN IT WAS 7°F
Feb-07	VERY LOW DEW POINT OF 8.2°F AT 0007 AND VERY LOW REL. HUMIDITY OF 18% AT 1416 & WARM FOR FEB.-SUN THROUGH THIN CIRRUS MOST OF DAY
Feb-08	BEAUTIFUL DAY FOR FEB. AND WARMEST DAY SINCE DEC. 1, 2014 WHEN IT WAS 76°F
Feb-09	CLOUDY AND MILD ALL DAY BUT NO SPRINKLES UNTIL 1931
Feb-10	1ST SNOW STARTED AT 0355 BUT VERY LITTLE SNOW UNTIL 0500 AND MOST INTENSE SNOW AT 0645
Feb-11	WINDIEST DAY YESTERDAY SINCE DEC. 7, 2014 WHEN WIND RUN WAS 204.7 MILES
Feb-12	SNOW SHOWERS STARTED SUDDENLY AT 1349 AND BECAME LIGHT AND ENDED BY 1445
Feb-13	A FEW CIRRUS CLOUDS FROM 0700-1000 BUT A VERY CLEAR PM AND A LOW DEW POINT OF -4.7°F AT 1113
Feb-14	WINDY AND DRY AIR - NO FROST-VERY STRONG ARCTIC FRONT - WIND TO 36MPH-POWER FLICKERED SEVERAL TIMES AND WENT OUT FOR 30 SEC. BUT
Feb-15	REL. HUMIDITY 37& AT 0715 AND VERY LOW DEW POINT OF -12.5°F AT 0841-NO CLOUDS-NWS FORECAST 6-8 INS. OF SNOW-LOWEST WIND CHILL -8°F
Feb-16	LOWEST MIN. WIND CHILL -0.5°F - COLDEST AM SINCE JAN. 8, 2015 WITH A 7 DEG. MIN.-MAX. SNOW RATE WAS 1.2 INCHES PER HOUR
Feb-17	VERY CLEAR DAY BUT COLD-TOTAL SNOW IN STORM WAS 6.2 INCHES
Feb-18	CORE SAMPLE AT 0700 WAS 0.77 INCHES-MUCH FROST ON MIRROR-CLOUDS CAME IN AT 1430 BUT NO AM CLOUDS
Feb-19	LIGHT BREEZE AND LOW REL. HUMIDITY GAVE NO FROST-REC. LOW DEW POINT OF -13.8°F AT 2124
Feb-20	TODAY SET 2 ALL TIME STATION REC.-LOWEST DEW POINT REC. -14.6°F AT 0101 & LOWEST TEMP. -1.2°F AT 0629
Feb-21	ONLY A LITTLE GLAZE ON COLDER SURFACES
Feb-22	SUN THROUGH THIN CIRRUS IN PM-WARMEST DAY SINCE FEB. 9
Feb-23	CLOUDY ALL DAY AND THIN CIRRUS AFTER 1530-ABOUT FREEZING OVERNIGHT AND LOWEST TEMP. OCCURRED AT MIDNIGHT
Feb-24	VERY LIGHT SNOW FLURRY STARTING AT 1800-1805-A CLOUDY COLD DAY
Feb-25	CLEAR UNTIL 1120 THEN CIRRUS-PM THIN CIRRUS UNTIL 1515 BUT WITH COMPLETE COVERAGE OF SKY
Feb-26	MOST UNUSUAL SNOW FLAKE CRYSTALS AT 0500 AS ABOUT 75% OF CRYSTALS WERE NEEDLES-TOTAL FOR STORM 4.7 INS. & SNOW WATER
Feb-27	CLEARING STARTED AT 1445 AND NO CLOUDS BY 1630
Feb-28	A NEW ALL TIME STATION REC. HIGH BAROMETRIC PRESSURE OF 30.87 INS. AT 1045- PREV. REC. ON 2 DIFFERENT OCCASIONS WAS 30.71 INCH

DATE

EXTENSION OF LENGTHY DAILY REMARKS

Feb-05	ALTOCUMULUS-PM CLEAR AFTER 1400
Feb-06	CLOUDS CAME IN AT 1145
Feb-14	CAME BACK ON
Feb-26	EQUIVALENT WAS 11.5 TO 1
Feb-28	THE MICROBAROGRAPH RECORDED 30.86 INCHES AT 1045AM- THE RICHMOND AIRPORT RECORDED 30.87 INCHES AND TWO DAVIS PRO 2 INSTRUMENTS RECORDED 30.88 INCHES. THE TWO PREVIOUS RECORDS WERE RECORDED ON DECEMBER 23, 2008 AND MARCH 6, 2012.

25

The minimum temperature on the 25th was 19.2°F, a new 6 year LOW daily minimum temperature record for the date - the old record was 21°F in 2009.

26

The daily greatest snow on the 26th is now 4.7 inches, and is a new 6 year daily greatest snow record for the date - the old record was T inches in 2014.

The maximum temperature on the 26th was 37.8°F, a new 6 year cool daily maximum temperature record for the date - the old record was 44°F in 2014.

The daily temperature range on the 26st was 12.7°F, a new 6 year LOW daily temperature range record for the date; the old record was 18°F in 2010.

27

The maximum temperature on the 27th was 37.8°F, a new 6 year cool daily maximum temperature record for the date - the old record was 48°F in 2010.

The daily temperature range on the 27st was 11.5°F, a new 6 year LOW daily temperature range record for the date; the old record was 12°F in 2009.

28

Days

The Glen Allen Station had 51 Records or Record Ties in February 2015

1

2

The daily temperature range on the 2st was 32.2°F, a new 6 year HIGH daily temperature range record for the date - the old record was 31°F in 2009.

3

The minimum temperature on the 3rd was 18.9°F, a new 6 year LOW daily minimum temperature record for the date - the old record was 27°F in 2013.

4

The maximum temperature on the 4th was 56.5°F, a new 6 year daily HIGH maximum temperature record for the date - the old record was 51°F in 2012.

The daily temperature range on the 4st was 28.1°F, a new 6 year HIGH daily temperature range record for the date - the old record was 19°F in 2013.

5

The daily temperature range on the 5st was 24.8°F, a new 6 year HIGH daily temperature range record for the date - the old record was 19°F in 2013.

6

The minimum temperature on the 6th was 10.7°F, a new 6 year LOW daily minimum temperature record for the date - the old record was 16°F in 2009.

7

8

The daily temperature range on the 8st was 31.3°F, a new 6 year HIGH daily temperature range record for the date - the old record was 26°F in 2010.

The maximum temperature today was 71.6°F the highest maximum temperature at this station since December 1, 2014 when it was 76°F .

9

The maximum temperature on the 9th was 58.9°F, a new 6 year daily HIGH maximum temperature record for the date - the old record was 56°F in 2009.

The minimum temperature on the 9st was 33.7 °F, a new 6 year warm daily minimum temperature record for the date - the old record was 32°F in 2009.

The daily temperature range on the 9st was 25.2°F, a new 6 year HIGH daily temperature range record for the date - the old record was 24°F in 2009.

10

The daily precipitation on the 10st was 0.37 inches, a new 6 year HIGH daily precipitation record for the date - the old record was 0.28 inches in 2010.

The daily temperature range on the 10st was 7.5°F, a new 6 year LOW daily temperature range record for the date; the old record was 9°F in 2014.

11

12

13

The minimum temperature on the 13th was 15.1°F, a new 6 year LOW daily minimum temperature record for the date - the old record was 18°F in 2012.

The maximum temperature on the 13th was 31.2°F, a new 6 year cool daily maximum temperature record for the date - the old record was 34°F in 2014.

14

The minimum temperature on the 14th was 20.8°F, a new 6 year LOW daily minimum temperature record for the date - the old record was 22°F in 2010.

The daily greatest snow on the 14th is now 0.1 inches, and is a new 6 year daily greatest snow record for the date - the old record was 0.0 inches.

15

The minimum temperature on the 15th was 12.3°F, a new 6 year LOW daily minimum temperature record for the date - the old record was 24°F in 2010.

The maximum temperature on the 15th was 27.2°F, a new 6 year cool daily maximum temperature record for the date - the old record was 41°F in 2010.

The daily temperature range on the 15st was 14.9°F, a new 6 year LOW daily temperature range record for the date; the old record was 16°F in 2014.

16

The minimum temperature on the 16th was 9.3°F, a new 6 year LOW daily minimum temperature record for the date - the old record was 23°F in 2010.

The maximum temperature on the 16th was 21.1°F, a new 6 year cool daily maximum temperature record for the date - the old record was 40°F in 2010.

The daily precipitation on the 16st was 0.58 inches, a new 6 year HIGH daily precipitation record for the date - the old record was 0.16 inches in 2013.

The daily greatest snow on the 16th is now 5.3 inches, and is a new 6 year daily greatest snow record for the date - the old record was 0.1 inches in 2013.

17

The minimum temperature on the 17th was 15.4°F, a new 6 year LOW daily minimum temperature record for the date - the old record was 22°F in 2013.

The daily greatest snow on the 17th is now 0.9 inches, and is a new 6 year daily greatest snow record for the date - the old record was Trace in 2014.

The maximum temperature on the 17th was 34°F, a new 6 year cold daily maximum temperature record for the date - the old record was 35°F in 2013.

18

The minimum temperature on the 18th was 10.7°F, a new 6 year LOW daily minimum temperature record for the date - the old record was 16°F in 2013.

The maximum temperature on the 18th was 38.9°F, a new 6 year cold daily maximum temperature record for the date - the old record was 48°F in 2013.

19

The minimum temperature on the 19th was 9.5°F, a new 6 year LOW daily minimum temperature record for the date - the old record was 27°F in 2010.

The maximum temperature on the 19th was 22.2°F, a new 6 year cold daily maximum temperature record for the date - the old record was 49°F in 2013 and 2012.

The daily temperature range on the 19st was 12.7°F, a new 6 year LOW daily temperature range record for the date; the old record was 13°F in 2013.

20

The minimum temperature on the 20th was -1.2°F, a new 6 year LOW daily minimum temperature record for the date - the old record was 20°F in 2009.

The maximum temperature on the 20th was 22.9°F, a new 6 year cool daily maximum temperature record for the date - the old record was 42°F in 2009.

A frigid -1.2°F at 6:29am was the lowest temperature every recorded at the Glen Allen station. (Records since August 2008)

21

The minimum temperature on the 21st was 11.1°F, a new 6 year LOW daily minimum temperature record for the date - the old record was 20°F in 2009.

The maximum temperature on the 21st was 32.8°F, a new 6 year cool daily maximum temperature record for the date - the old record was 46°F in 2013.

The daily precipitation on the 21st was 0.85 inches, a new 6 year HIGH daily precipitation record for the date - the old record was 0.56 inches in 2014.

The daily greatest snow on the 21st is now 0.2 inches, and is a new 6 year daily greatest snow record for the date - the old record was 0 inches in .

22

The daily precipitation on the 22st was 0.33 inches, a new 6 year HIGH daily precipitation record for the date - the old record was 0.20 inches in 2010.

23

The minimum temperature on the 23rd was 19.2°F, a new 6 year LOW daily minimum temperature record for the date - the old record was 22°F in 2009.

The maximum temperature on the 23rd was 36.5°F, a new 6 year cool daily maximum temperature record for the date - the old record was 41°F in 2009.

24

The minimum temperature on the 24th was 15.1°F, a new 6 year LOW daily minimum temperature record for the date - the old record was 16°F in 2009.

The maximum temperature on the 24th was 28.5°F, a new 6 year cool daily maximum temperature record for the date - the old record was 41°F in 2010.

The daily greatest snow on the 24th is now a trace, and is a new 6 year daily greatest snow record for the date - the old record was 0 inches.