





Feb 2009	REMARKS FOR THE MONTH February - 2009
Feb-01	FEW CIRRUS CLOUDS AFTER 1540-WARMEST DAY SINCE DEC. 28TH WHEN IT WAS 71 °F
Feb-02	BEAUTIFUL FEB. DAY-CIRRUS CAME IN AT AROUND 1400 THEN ALTOCUMULUS AFTER 1600 FROM COLD FRONT APPROACHING-RAIN STARTED AT 2008 BUT WAS CONTINUOUS
Feb-03	ALL OF THE SNOW FELL WITH TEMPS. ABOVE FREEZING AND MUCH OF SNOW MELTED AS IT FELL-MAX. ACCUMULATION WAS 1.3 INS. AROUND 0600
Feb-04	SNOW FLURRIES IN PM AND AM WAS CLEAR UNTIL 1100
Feb-05	VERY COLD DAY FOR FEB.-LOW WIND CHILL INDEX WAS +3 °F AT 0733 AND LOW DEW POINT WAS -2.9 °F
Feb-06	STILL SNOW IN KEITH'S YARD BUT NONE IN OURS-FEW CIRRUS CAME IN BY 1715
Feb-07	ONLY A FEW CIRRUS EARLY AM AND LATE PM-WARMEST SINCE DEC. 28TH WHEN IT WAS 71 °F
Feb-08	VERY WARM FEB. DAY -WARMEST SINCE NOV. 15 WHEN IT WAS 76 °F-SOME CIRRUS EARLY IN AM THEN CLEAR BUT CUMULUS CAME IN AFTER NOON FROM APPROACHING CF
Feb-09	PARTLY CLOUDY IN AM WITH CIRRUS AND ALMOST TOTAL CIRRUS COVERAGE IN PM BUT SUNLIGHT PASSING THROUGH CLOUDS
Feb-10	MOSTLY CLEAR ALL DAY
Feb-11	CLOUDY ALL DAY BUT SOME BREAKS IN CLOUDS BETWEEN 1100-1430-VERY WINDY- HIGHEST WIND RUN REC. TODAY SINCE RECORDS STARTED IN AUG. 2008
Feb-12	WINDY BUT WARM WITH VERY LOW REL. HUMIDITY AND LOW DEW POINT TEMPS.
Feb-13	CIRRUS CLOUDS CAME IN ABOUT 1450 AND WERE TILL PRESENT AT SUNSET BUT THICKER IN PM-VERY LOW REL. HUMIDITY OF ONLY 16%
Feb-14	VARIABLE CLOUDINESS AND PLEASANT FOR FEB. WITH LITTLE WIND THAT DECREASED IN SPEED DURING AFTERNOON AND INCREASING AGAIN BETWEEN 1800 AND 2200.
Feb-15	MOSTLY CLEAR IN AM BUT AFTER 1320 CIRRUS INCREASED AND BECAME THICK BY 1600
Feb-16	CUMULUS CAME IN AROUND 1045 FROM NORTH AND STRATOCUMULUS CAME IN AT 1120 AND WAS MOSTLY CLOUDY UNTIL 1720 THEN PARTLY CLOUDY
Feb-17	FIRST CIRRUS AT 0950 BUT VERY THIN AND CLEARED BY 1130-CIRRUS AGAIN AT 1250 UNTIL SUNSET
Feb-18	MOST OF THE SNOW MELTED AS IT FELL-MAX. SNOW MEASURED AROUND 0850 AT 0.1 INCH-LIGHT RAIN 1200-1250-4TH PD. 1500-1615, 5TH PD. 1820-1950 THAT WAS < 0.01 IN
Feb-19	FIRST CLOUDS APPEARED 0915 UNTIL 0940 THEN CLEAR UNTIL 1110 FOLLOWED BY PC UNTIL 1715 THEN CLEARING AGAIN
Feb-20	ALMOST 100% SUNSHINE WITH ONLY A FEW CLOUDS
Feb-21	CIRRUS CAME IN AT 1045 AND BECAME THICKER IN PM AND COVERED MOST OF SKY
Feb-22	CLOUDY MOST OF DAY WITH SOME BREAKS IN CLOUDS AT 1430 BUT CLEARING BY 1720
Feb-23	CLEARING STARTED AT 1420 AND CLEAR BY 1450
Feb-24	CIRRUS CAME IN AT 1115 AND LEFT AROUND 1440 BUT ONLY SCATTERED CIRRUS AFTER 1440
Feb-25	BROKEN OVERCAST OF CIRRUS UNTIL 1040 THEN MOSTLY CLEAR UNTIL 1715 THEN A FEW CIRRUS AGAIN
Feb-26	SKY BECAME ABOUT 1415 BUT STILL SOME CIRRUS AROUND TILL 1800-MUCH WARMER TODAY
Feb-27	3RD PD. OF SPRINKLES 1635-1640-A VERY WINDY WARM DAY-
Feb-28	CLOUDY COLD DAMP DAY WITH NE WIND AND SNOW SNOW MIXED WITH RAIN AFTER 2005 HOURS BUT ONLY A TRACE NOT ENOUGH TO MEASURE BY MIDNIGHT.
<b>DATE</b>	<b>EXTENSION OF LENGTHY DAILY REMARKS</b>
Feb-02	AFTER 1047 AND TURNED TO SNOW BEFORE MIDNIGHT

PAGE #1 Feb 2010 Glen Allen - Springfield Park Weather Center Lat. 37.6554° N. Long. 77.5692° W. - Koontz

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Feb	Week	TEMP.	TIME	TEMP.	TIME	TEMP.	TEMP.	MEAN	SOIL	SKY	SKY	PRECIP	MAX.1HR	MAX.5M	FROZ.	SNOW ON	START	END
2010	Day	MAX.	MAX.	MIN.	MIN.	RANGE	MEAN	CHANGE	TEMP.	AM	PM	MELTED	PRECIP.	PRECIP.	PRECIP.	GROUND	TIME	TIME
Feb-01	Mon	47	14:53	15	6:36	32	31.0	10.0	40	1	1					7.5		
Feb-02	Tue	41	13:27	26	5:28	15	33.5	2.5	39	2	2	0.32	0.14	0.01	0.8	6.0	1530	2400
Feb-03	Wed	40	15:15	31	23:11	9	35.5	2.0	39	2	2	0.02	0.02	0.01	T	5.0	0001	0100
Feb-04	Thu	43	12:23	25	7:28	18	34.0	-1.5	39	1	2					4.0		
Feb-05	Fri	35	0:09	32	15:46	3	33.5	-0.5	36	2	2	1.72	0.38	0.05	4.5	8.0	0820	2400
Feb-06	Sat	33	0:02	18	22:40	15	25.5	-8.0	38	2	2	0.78	0.16	0.02	6.6	12.4	0001	1730
Feb-07	Sun	38	14:37	13	4:39	25	25.5	0.0	38	0	0					9.0		
Feb-08	Mon	40	14:30	14	6:55	26	27.0	1.5	37	0	1					8.0		
Feb-09	Tue	41	13:02	20	3:37	21	30.5	3.5	37	2	2	0.35	0.16	0.02		7.0	1610	2350
Feb-10	Wed	34	15:23	24	9:48	10	29.0	-1.5	37	2	1	0.28		0.01	4.1	9.5	0150	1010
Feb-11	Thu	46	13:05	25	7:12	21	35.5	6.5	37	0	0					7.0		
Feb-12	Fri	42	13:15	19	7:17	23	30.5	-5.0	37	0	2					6.5		
Feb-13	Sat	40	15:16	25	23:28	15	32.5	2.0	36	2	1	T	T	T	0.1	6.0	0310	0350
Feb-14	Sun	45	15:10	22	7:08	23	33.5	1.0	36	0	0					5.5		
Feb-15	Mon	41	12:14	24	4:15	17	32.5	-1.0	36	2	2	0.14	0.06	0.01		5.0	1230	1800
Feb-16	Tue	40	14:22	23	7:14	17	31.5	-1.0	36	0	1					4.5		
Feb-17	Wed	43	13:02	23	6:42	20	33.0	1.5	36	2	1					4.0		
Feb-18	Thu	49	13:31	26	1:18	23	37.5	4.5	36	0	0					3.0		
Feb-19	Fri	50	14:07	27	6:30	23	38.5	1.0	36	0	0					1.5		
Feb-20	Sat	54	14:10	26	6:39	28	40.0	1.5	36	0	0					0.5		
Feb-21	Sun	59	15:37	27	6:09	32	43.0	3.0	38	1	1					T		
Feb-22	Mon	51	12:51	32	5:35	19	41.5	-1.5	40	2	2	0.20	0.09	0.01		T	1141	2140
Feb-23	Tue	50	13:57	36	6:12	14	43.0	1.5	40	2	2					T		
Feb-24	Wed	41	12:24	31	4:20	10	36.0	-7.0	41	2	2	0.11	0.05	0.01		T	1301	2400
Feb-25	Thu	46	14:43	29	23:33	17	37.5	1.5	40	1	1	0.01	0.01	T	T		0001	0240
Feb-26	Fri	47	11:40	29	0:01	18	38.0	0.5	40	1	2							
Feb-27	Sat	48	15:17	34	0:08	14	41.0	3.0	40	2	1							
Feb-28	Sun	50	12:01	29	4:40	21	39.5	-1.5	40	1	2							

TOTAL	1234	35623	705	22949	529.0	969.5	18.5	1061.0	32.0	35.0	3.93	1.07	0.15	16.1	119.9	MAX.	TEMP
NUM	28	28	28	28	28	28	28	28	28	28	10	9	9	5	20	≥ 65	0
AVE.	44.07	12:52	25.18	8:22	18.89	34.63		37.89	1.14	1.25	0.39	0.12	0.02	0.00	0.00	≥ 60	0
MAX.	59	15:37	36	23:33	32	43.0	10.0	CLEAR	9	6	24 Hr.	0.38	0.05	6.6	12.4	≥ 55	1
MIN.	33	0:02	13	0:01	3	25.5	-8.0	P.CLO.	6	9	2.50	>= 1.00	>= 2.00	Inches	THUNDER	≥ 50	6
	<=32 °F	0	<=32 °F	26				CLO.	13	13	1.72	1	0	Days	0	≥ 45	13
DATE	2-21	DATE	2-07	DATE OF	2-21	DATE OF	2-06	Sky Ave	1.20	DATE	2-05					≥ 40	24
MAX. TEMP.		MIN. TEMP.		HOTTEST DAY	2-23	COOLEST DAY	2-07			MAX. PREC.						≥ 35	26
																≥ 30	28



Feb 2010	REMARKS FOR THE MONTH February - 2010
Feb-01	BRIGHT SUNNY DAY BUT THROUGH A VERY THIN VEIL OF CIRRUS FIBROUS CLOUDS-LOT OF MELTING OF SNOW IN SUNNY AREAS
Feb-02	SOME SLEET AT 1530 AND TURNED TO A SNOW/RAIN MIX AT 2100
Feb-03	BELOW FREEZING FROM 0550-0745 AND ACCUMULATION ALMOST 95% SLEET - THERE WAS NO SNOW ONLY SLEET AFTER MIDNIGHT
Feb-04	MAJOR WINTER STORM IN FORECAST-CLOUDS CAME IN AT 1000 BUT TOTALLY CLEAR EARLIER
Feb-05	TOTAL SNOW 4.5 INS. AND MAX. WAS TAKEN BEFORE RAIN AND SLEET THEN HEAVY RAIN AFTER 2030
Feb-06	HEAVY RAIN ENDED ABOUT 2330-RAIN AFTER MIDNIGHT TURNED BACK TO SNOW AROUND 0330 BUT NO SLEET OCCURRED AFTER MIDNIGHT-ESTIMATE 1.40 INS. OF LIQ
Feb-07	SNOW CAMERA DURING NIGHT CAUGHT TIME LAPSE OF FROST CRYSTALS FORMING AND BECOMING SO LARGE THEY COLLAPSED
Feb-08	SOME CIRRUS FROM 1115-1245 BUT THE SUN REDUCED SNOW ON GROUND BY ABOUT 3 INS.-OF COURSE COMPACTING WAS PART OF THIS
Feb-09	SOME CIRRUS IN LATE AM BUT MOSTLY CLEAR AND PM HAD MORE CIRRUS BUT THIN ENOUGH THAT THE SUN SHONE THROUGH
Feb-10	VERY LIGHT SNOW WITH AN 18 TO 1 RATIO-ABOUT 0.1 INS. OF GLAZE OCCURRED BEFORE SNOW AND THIS AMT. WAS NOT ADDED INTO SNOW TOTAL-11 INS. OF SNOW
Feb-11	A BEAUTIFUL DAY WITH 100% SUN-WE LOST 2.5 INS. OF SNOW
Feb-12	1ST CLOUDS CAME IN AT 1245-AM WAS ABOUT 25% CLOUDY AS A SNOWSTORM IS PASSING OVER THE DEEP SOUTH
Feb-13	LIGHT MORNING FLURRIES THAT MELTED ON CONTACT-3RD PD. OF LIGHT SNOW FLURRIES 0915-1130 SO LIGHT THEY MELTED ALSO ON CONTACT
Feb-14	NEAR AVERAGE TEMPS. BUT BREEZE MADE IT FEEL LIKE A CHILLY DAY
Feb-15	LIGHT RAIN MOST OF AFTERNOON
Feb-16	MOSTLY CLEAR IN AM WITH 1ST CLOUDS SEEN AROUND 1015-1045 IN FORM OF CIRRUS THEN CLEARED UP AGAIN UNTIL NOON
Feb-17	PM WAS ABOUT 60% CLOUDY
Feb-18	WARMEST DAY SINCE JAN. 28, 2010
Feb-19	WARMEST DAY SINCE JAN. 28, 2010 AND FIRST 50 °F DAY IN FEB.
Feb-20	WARMEST DAY SINCE JAN. 28, 2010
Feb-21	WARMEST DAY SINCE JAN. 28, 2010 WHEN IT WAS ALSO 59 °F
Feb-22	SNOW ALL GONE EXCEPT IN PILES AND AREAS WHERE DRIFTED
Feb-23	SOME SUN THROUGH CIRRUS IN PM
Feb-24	STILL A LITTLE SNOW WHERE SNOW DRIFTED
Feb-25	A LITTLE SNOW WITH RAIN FROM 0200-0240 BUT WITH TEMP. ABOVE FREEZING NONE OF IT STUCK
Feb-26	AM ABOUT 50% CLOUDY AND WINDY-NJ SNOWSTORM TRACKS NW THEN RETROGRADES SOUTH-SW CIRCULATION AROUND LOW PRESSURE BROUGHT SOME LIGHT
Feb-27	NOT AS MUCH WIND TODAY BUT FEB. WILL GO DOWN AS ONE VERY COLD MONTH WITH MEAN TEMPERATURE 4.5 DEGREES BELOW AVERAGE
Feb-28	THE AVERAGE TEMP. FOR FEB. WAS LOWER THAN THE AVERAGE TEMP. FOR JANUARY
DATE	EXTENSION OF LENGTHY DAILY REMARKS
Feb-04	FELL AS RAIN YESTERDAY OF THE 4.5 INS. OF SNOW. WE LOST 1.7 INS. OF SNOW LEAVING 2.8 INS. ON GROUND AFTER THE HEAVY RAIN JUST BEFORE MIDNIGHT. WE
Feb-10	HAD ABOUT 3.5 INS. OF OLD SNOW ON THE GROUND WHEN THIS SNOW BEGAN ON THE 5TH AND WE LOST ABOUT 1.5 INS. OF THIS SNOW THAT WAS UNDER THE SNOW
Feb-26	ON GROUND WHEN THE SNOW ENDED AND 9.5 INS. ON GROUND AT SUNSET-PM SKY HAD SUN SHINING THROUGH THIN VEIL OF CIRRUS PRECIP. TO NORTHERN VA AND CONSIDERABLE SNOWFALL IN WV MOUNTAINS








Feb 2011	REMARKS FOR THE MONTH February - 2011
Feb-01	SOME SUN IN THE PM BUT THROUGH A THIN CIRRUS CLOUD LAYER
Feb-02	FOG HEAVIEST AT 0800-0840-CLEARING STARTED AT 045-PM PARTLY CLOUDY WITH CIRRUS
Feb-03	SUN THROUGH A THIN VEIL OF CIRRUS ALL DAY THAT BECAME THICKER AFTER 1500
Feb-04	STILL BELOW AVERAGE TEMPS. AND WITH CLOUDY DAY MADE IT FEEL EVEN COLDER
Feb-05	3RD PD. OF PRECIP. 1505-1510 AND 4TH PD. 1630-1635-PM WAS ALL DRIZZLE
Feb-06	
Feb-07	MOSTLY CLEAR UNTIL 0845 THEN CLOUDY BY 1100 AND CLOUDY THE REST OF THE DAY
Feb-08	AM MOSTLY CLEAR FROM 0945-NOON AND PM WAS MOSTLY CLOUDY
Feb-09	COLORFUL SUNRISE-SOME BREAKS IN CLOUDS BUT MOSTLY CLOUDY ALL DAY
Feb-10	QUICK CLEARING AFTER STORM THAT PASSED TO SE
Feb-11	CLEAR BLUE SKY WITH LOW RELATIVE HUMIDITY AND ALMOST 10 DEGREES F WARMER TODAY WITH LIGHT SW WINDS
Feb-12	SKY CLEARED OFF AT 0930 AND CLEAR BLUE SKY WITH LOW HUMIDITY BUT WINDY REST OF DAY
Feb-13	WIND ALLOWED NO DEW-WINDY, MILD DAY WITH HIGHEST WIND RUN SINCE 12/1/2010
Feb-14	WIND OVER NIGHT NOT ALLOWING DEW-VERY WINDY DAY BUT PLEASANT OTHERWISE-WARMEST SINCE 11/23/2010 WHEN IT WAS 74 DEGREES F
Feb-15	HIGHEST WIND RUN YESTERDAY SINCE 11/12/2009-CLOUDS CAME IN AFTER 1330
Feb-16	CLEARING AROUND 1515
Feb-17	WARMEST SINCE 11/23/2010 WHEN IT WAS 74 DEGREES F
Feb-18	WARMEST NIGHT TIME MIN. TEMP. SINCE 10/28/2010 WHEN THE MIN. WAS 56-WARMEST DAY SINCE 10/28/2010 WHEN IT WAS 79 DEGREES F-RICHMOND INTERNATIONAL
Feb-19	VERY DRY AND LOW HUMIDITY-ONE REPORT OF SECOND HIGHEST FIRE DANGER INDEX EVER IN VA-REL.HUMIDITY 10% AT 1059-
Feb-20	MOSTLY CLEAR UNTIL 0830 THEN CLOUDY TO NOON-PM WAS ABOUT 80% CLOUDY
Feb-21	COLD FRONT PASSED AROUND 1400
Feb-22	SOME FREEZING DRIZZLE IN EARLY AM WHEN MELTED EQUALLED 0.01 INS.
Feb-23	VERY CLEAR AM
Feb-24	CLOUDY ALL DAY AS A LOW PRESSURE PASSED TO OUR NW TONIGHT
Feb-25	VERY WINDY DAY AND AN EXTREMELY FAST BAROMETER RISE AFTER THE COLD FRONT PASSED AROUND 1300 HRS.
Feb-26	AM HAD A VEIL OF CIRRUS THAT MADE IT CLOUDY-SKY BECAME CLEAR AFTER 1645
Feb-27	MUCH WARMER ABOUT 16 DEGREES WARMER THIS MORNING THAN YESTERDAY
Feb-28	COLD FRONTAL PASSAGE TODAY AROUND 2115 HRS. - 3RD PERIOD OF PRECIP. WAS FROM 2120-2155 - THE MOST RAIN SINCE 1-26-2011 WHEN 1.27 INCHES WAS RECC
DATE	EXTENSION OF LENGTHY DAILY REMARKS
Feb-18	AIRPORT TIED THEIR RECORD HIGH MAX. TEMP. FOR DATE-CLEARING AT ABOUT 1315
Feb-19	RICHMOND INTERNATIONAL AIRPORT HAD RELATIVE HUMIDITY OF 5%-WAKEFIELD WEATHER OFFICE EMPLOYEE THOUGHT IT WAS LOWEST RH FOR WAKEFIELD

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		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Feb 2012	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	Wed	72	13:56	52	5:37	20	62.0	6.0	46	2	1	0.06	0.03	0.01			2045	2400		
Feb-02	Thu	64	14:29	41	23:47	23	52.5	-9.5	49	2	0	0.47	0.10	0.02			0001	0525		
Feb-03	Fri	55	14:35	31	7:11	24	43.0	-9.5	47	0	1									
Feb-04	Sat	51	12:18	35	4:12	16	43.0	0.0	46	2	2	0.02	0.02	0.01			1530	1920		
Feb-05	Sun	44	14:09	28	23:54	16	36.0	-7.0	46	2	2	0.04	0.02	0.01			0155	0555		
Feb-06	Mon	52	13:25	24	5:16	28	38.0	2.0	43	0	1									
Feb-07	Tue	60	14:42	31	7:31	29	45.5	7.5	44	0	0									
Feb-08	Wed	43	14:04	34	2:06	9	38.5	-7.0	44	2	2	0.04	0.04	0.01			1250	1635		
Feb-09	Thu	50	14:40	30	7:38	20	40.0	1.5	44	0	0									
Feb-10	Fri	50	12:15	30	6:19	20	40.0	0.0	43	1	2	T	T	T			1930	1933		
Feb-11	Sat	45	0:01	24	22:20	21	34.5	-5.5	45	2	2	0.12	0.02	0.08	0.5	T	0210	0530		
Feb-12	Sun	39	13:51	18	7:16	21	28.5	-6.0	42	0	0					T				
Feb-13	Mon	52	15:26	18	6:06	34	35.0	6.5	40	0	1					None				
Feb-14	Tue	57	14:29	39	0:01	18	48.0	13.0	42	2	2	T	T	T			0830	0856		
Feb-15	Wed	61	15:23	36	6:04	25	48.5	0.5	43	0	0									
Feb-16	Thu	50	11:59	38	22:20	12	44.0	-4.5	45	2	2	0.14	0.11	0.01			0722	1025		
Feb-17	Fri	58	14:59	37	23:52	21	47.5	3.5	45	1	0									
Feb-18	Sat	61	15:10	32	4:24	29	46.5	-1.0	45	0	2									
Feb-19	Sun	49	0:01	32	19:40	17	40.5	-6.0	46	2	2	0.85	0.29	0.03	5.1	0.8	1112	2400		
Feb-20	Mon	45	15:24	26	23:51	19	35.5	-5.0	44	0	0	0.01	0.01	T	0.1	1.6	0001	0130		
Feb-21	Tue	53	16:00	22	6:28	31	37.5	2.0	42	1	0					T				
Feb-22	Wed	67	15:44	42	6:50	25	54.5	17.0	42	1	2	0.15	0.10	0.03			1940	1942		
Feb-23	Thu	71	15:24	44	7:08	27	57.5	3.0	46	1	1	0.05	0.05	0.01			0001	0140		
Feb-24	Fri	81	13:50	45	23:47	36	63.0	5.5	49	1	2	0.03	0.02	0.02			1445	1510		
Feb-25	Sat	51	14:13	30	23:53	21	40.5	-22.5	49	0	1									
Feb-26	Sun	51	14:45	24	6:46	27	37.5	-3.0	45	0	0									
Feb-27	Mon	62	12:33	34	2:56	28	48.0	10.5	45	0	2	T	T	T			1325	1330		
Feb-28	Tue	61	14:32	38	5:44	23	49.5	1.5	46	0	0									
Feb-29	Wed	61	17:50	40	3:37	21	50.5	1.0	47	2	2	1.38	0.61	0.13			0645	1240		
TOTAL		1616		955		661.0	1285.5	-5.5	1300	26	32	3.36	1.42	0.37	5.7	2.4	Col.26-27			
NUM		29	29	29	29	29	29	29	29	29	29	13	13	12	3	2	DAILY AVE RH			
AVE.		55.72	13:27	32.93	10:54	22.79	44.33		44.83	0.90	1.10	Ave. Tot.	Ave.Max	Ave.Max	Ave.Tot.	Ave.Days	64.4	Percent		
Normals		51.73		29.56		22.20	40.64		40.86	1.08	1.14	2.37	0.36	0.07	5.9	6.7				
Departures		3.99		3.37		0.59	3.69		3.97	-0.18	-0.04	0.99	0.25	0.06	-0.2	-4.7	64.4	Percent		
MAX. DATES	Dates	81		52		36	63.0	17.0	49.0	Whole Day		1.38	0.61	0.13	5.1	1.6	Precip	24 Hr.		
	1	Feb-24		Feb-01		Feb-24	Feb-24	Feb-22	Feb-02	AVE.	1.00	Feb-29	Feb-29	Feb-29	Feb-19	Feb-20	Amount	1.38		
	2								Feb-24	Normal	1.38						Date	Feb-29		
	3								Feb-25	Depart.	-0.38						Date	--		
MIN. DATES	Dates	39		18		9	28.5	-22.5	40.0	SKY	AM	PM	>= 0.10	INCHES	>= 1.00	INCHES	>= 2.00	INCHES		
	1	Feb-12		Feb-12		Feb-08	Feb-12	Feb-25	Feb-13	CLEAR	13	10	6	DAYS	1	DAYS	0	DAYS		
	2			Feb-13						P.CLO.	6	6	HOTTEST	63.0	Highest	Lowest	COOLEST	28.5		
	3									CLO.	10	13	DAY	2-24	Mean	Mean	DAY	2-12		
<=32 °F		0	<=32 °F	15	MAX.	>= 80	>= 75	>= 70	>= 65	>= 60	>= 55	>= 50	>= 45	>= 40	>= 35	>= 30	>= 25	>= 20		
>=90 °F		0	>=70 °F	0	DAYS	1	1	3	4	11	14	23	26	28	29	29	29	29		

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		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Feb 2012	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			146.8	23	0454	91	32	30.16	30.00	30.08	-0.14									
Feb-02	0710	1035	67.6	17	1840	96	35	30.33	29.95	30.14	0.06				2					
Feb-03			48.2	16	0928	85	37	30.52	30.32	30.42	0.28								3	
Feb-04			73.1	18	0847	96	56	30.37	30.09	30.23	-0.19						3		2	
Feb-05	0735	0912	71.6	17	1521	94	62	30.26	30.04	30.15	-0.08									
Feb-06			63.9	18	1332	95	39	30.29	30.10	30.20	0.05								5	
Feb-07			26.3	9	0131	93	27	30.20	30.09	30.15	-0.05						4		2	
Feb-08			40.5	10	2057	93	70	30.23	30.11	30.17	0.03						3			
Feb-09			28.5	12	1201	95	33	30.28	30.15	30.22	0.04						4			
Feb-10			58.9	15	1217	87	46	30.20	29.88	30.04	-0.18								2	
Feb-11	0800	1225	79.3	27	1828	92	44	29.91	29.65	29.78	-0.26			2		1				
Feb-12			81.4	31	0014	56	29	30.16	29.91	30.04	0.25									
Feb-13			46.7	15	1150	80	22	30.24	30.10	30.17	0.14								4	
Feb-14	1715	1755	105.0	26	1537	74	32	30.11	29.95	30.03	-0.14									
Feb-15			39.5	14	1307	93	29	30.29	30.02	30.16	0.13						3			
Feb-16	1201	1752	37.9	14	1416	97	56	30.29	30.01	30.15	-0.01									
Feb-17			33.3	15	1005	100	46	30.11	29.99	30.05	-0.10				3			5		
Feb-18			70.9	21	1236	95	36	30.13	29.93	30.03	-0.02								3	
Feb-19			90.2	22	0157	98	42	30.07	29.87	29.97	-0.06		1		4					
Feb-20			50.2	22	0954	96	50	30.35	29.93	30.14	0.17			1					3	
Feb-21			81.1	25	1434	96	49	30.34	29.92	30.13	-0.01								4	
Feb-22	1958	2400	117.2	25	1433	93	26	29.92	29.54	29.73	-0.40							4		
Feb-23			83.4	23	1534	94	42	29.65	29.52	29.59	-0.15									
Feb-24	1625	1700	167.1	46	1503	80	35	29.73	29.33	29.53	-0.05					1				
Feb-25			111.1	29	0958	61	25	30.32	29.74	30.03	0.50									
Feb-26			41.2	15	1314	74	27	30.51	30.32	30.42	0.38								1	
Feb-27			155.2	25	1246	94	29	30.42	30.24	30.33	-0.09									
Feb-28			59.9	21	0813	99	22	30.44	30.28	30.36	0.03							4		
Feb-29	1735	2240	78.1	21	1738	97	64	30.31	29.70	30.01	-0.36					2				
TOTAL			2154.1	592		2594	1142	876.14	868.68	872.41	-0.21									
Number	Feb. Wind Run		29	29	29	29	29	29	29	29	29									
AVE.	Total	2154.1	74.3	20.4		89.4	39.4	30.21	29.95	30.08										
Normals	Miles	1077.4	55.5	20.9		81.8	36.6	30.13	29.86	30.00										
Departures	Miles	1076.7	18.8	-0.5		7.6	2.8	0.08	0.09	0.08										
MAXIMUM DATES	Dates	167.1	46	HOUR	100	70	30.52	30.32	30.42	0.50										
	1	Feb-24	Feb-24	1503	Feb-17	Feb-08	Feb-03	Feb-03	Feb-03	Feb-25										
	2								Feb-26											
	3																			
	4																			
MINIMUM DATES	Dates	26.3	9		56	22	29.65	29.33	29.53	-0.40										
	1	Feb-07	Feb-07		Feb-12	Feb-13	Feb-23	Feb-24	Feb-24	Feb-22										
	2					Feb-28														
MINIMUM DAYS		≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35	≤ 30	≤ 25	≤ 20	≤ 15	≤ 10	≤ 5	≤ 0			
		29	29	29	29	29	28	28	24	18	11	6	2	0	0	0	0			

5. Very Heavy - Very Unusual  
 4. Heavy-Unusual  
 3. Moderate - Ave.  
 2. Light - < Ave.  
 1. Very Light - Slight - Trace  
 M - Event with intensity missing

Feb  
2012REMARKS FOR THE MONTH  
February - 2012

Feb-01	WARMEST FEB 1 SINCE 2002 WHEN IT WAS 79 °F AT KRIC
Feb-02	RAPID CLEARING AT 1245-LIGHT FOG AT 0745
Feb-03	SUNLIGHT THROUGH THIN PM CIRRUS BUT AM VERY CLEAR
Feb-04	MORE DEW THAN FROST - CLOUDY ALL DAY -DAMP AND CHILLY AFTER LIGHT RAIN
Feb-05	
Feb-06	HEAVIEST FROST OF THE WINTER-AM CLEAR BUT CIRRUS CAME IN AT 1145
Feb-07	SOME FROZEN DEW-FEW CIRRUS IN LATE PM
Feb-08	DAMP CHILLY DAY-LIGHT SNOW IN HARRISONBURG AND DC AREA
Feb-09	HEAVY FROZEN DEW-CLEAR SUNNY ALL DAY WITH BLUE SKY AND VERY LITTLE WIND
Feb-10	CLOUDS CAME IN AROUND 1010 AS CIRRUS AND LOWERED TO ALTOSTRATUS BY 1500
Feb-11	THUNDER SNOW -1ST AT THIS STATION(REC. SINCE 8/2008)-SOME SNOW PELLETS AT BEGINNING OF PRECIP. -3RD PD. OF PRECIP. AS SNOW
Feb-12	COLDEST AM SINCE JAN. 16-THE ONLY COLDER MORNING WAS JAN. 4 AT 15 °F
Feb-13	CIRRUS CLOUDS CAME IN AT 1430 AND SKY WAS COVERED BY 1515 AND CIRRUS THICKENED TOWARD SUNSET
Feb-14	PM SKY WAS ABOUT 70-75% CLOUDY
Feb-15	BEAUTIFUL WINTER'S DAY-FEW CLOUDS, LOW REL. HUMIDITY, LITTLE WIND AND WARM
Feb-16	OCCASIONAL LIGHT RAIN MOST OF THE DAY-VISIBILITY LOWERED TO 0.4 MI. IN PM FOG
Feb-17	HEAVY AM FOG-VISIBILITY CUT TO 0.25 MI.-FOG HEAVIEST AT 0715 BUT CLEARED BY 0900
Feb-18	CIRRUS CAME IN AT 1445 AND BECAME THICKER TO SUNSET
Feb-19	BETWEEN 1900-2000 2.5 INS.OF SNOW FELL-HEAVIEST SNOW OF WINTER-VERY LIGHT SLEET AROUND 1700
Feb-20	MUCH MELTING UNDER VERY CLEAR SKIES
Feb-21	VARIABLE AM SKY-MOST OF THE SNOW MELTED TODAY-PM SKY MOSTLY CLEAR
Feb-22	AM SKY BECAME CLEAR AT 0930 AND PM AVERAGED ABOUT 75-80% CLOUDY WITH BREEZY CONDITIONS
Feb-23	AM EST. TO BE 40-50% CLOUDY WITH MAINLY CIRRUS-PM ABOUT 40% CLOUDY WITH VERY WARM CONDITIONS
Feb-24	ONE OF THE WARMEST FEB. DAYS RICHMOND HAS SEEN IN HISTORY-MISSED REC. OF 82 °F FOR THE DAY SET IN 1985 BY ONE DEGREE AND
Feb-25	WINDY,COLD DAY WITH GREAT TEMP. DIFFERENCE FROM YESTERDAY-CLOUDS CAME IN AT 1115
Feb-26	VERY CLEAR AND LESS WINDY AND FELT WARMER BUT MAX. THE SAME AS YESTERDAY
Feb-27	CLOUDS CAME IN AT 1145 WITH A BRIEF SPRINKLE AND INCREASED BREEZY CONDITIONS IN EARLY PM
Feb-28	ANOTHER WARM FEB. DAY WITH CLEAR SKIES-BEAUTIFUL FOR TIME OF YEAR
Feb-29	MORE THUNDER WITH THE WARM FRONTAL PASSAGE THE ( FISRT RAIN PD.) THAN THE COLD FRONTAL PASSAGE THE SECOND PD. OF RAIN
DATE	EXTENSION OF LENGTHY DAILY REMARKS
Feb-11	FROM 1505-1550 AND THUNDER WAS HEARD 3 TIMES DURING THIS PERIOD-HEAVIER SNOW REPORTED TO WEST ABOUT 20 MILES ON RT. 64
Feb-24	THUNDER SNOW THERE WHITENED 64 EVEN THOUGH TEMPS. WERE ABOVE FREEZING MISSED REC.OF 83 °F BY ONLY TWO DEGREES FOR MONTH OF FEB.-ONLY 4 DAYS SINCE 1897 THAT THE TEMP. HAS BEEN HIGHER IN FEB. THUNDER HEARD TWICE DURING BRIEF THUNDERSHOWER BUT WIND HIT 46 MPH-HIGHEST WIND REC.SINCE AUG.27 DURING TROPICAL STORM IRENE

Feb 2013		Week Day		TEMPERATURE °F				TEMPERATURE °F				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	Fri	37	5:17	19	23:58	18	28.0	-8.5	47	0	0									
Feb-02	Sat	37	14:47	16	2:58	21	26.5	-1.5	43	0	2	T	T	T	0.1	None	1745	1900		
Feb-03	Sun	43	15:20	27	5:43	16	35.0	8.5	42	2	2	0.01	T	T	T	None	0830	0845		
Feb-04	Mon	41	15:41	22	7:24	19	31.5	-3.5	42	2	2									
Feb-05	Tue	59	15:08	40	0:01	19	49.5	18.0	42	2	2	T	T	T			0803	0809		
Feb-06	Wed	57	14:23	29	7:26	28	43.0	-6.5	43	0	0									
Feb-07	Thu	44	14:36	29	3:42	15	36.5	-6.5	43	2	2	0.06	0.05	0.02			2109	2400		
Feb-08	Fri	50	16:13	36	7:54	14	43.0	6.5	43	2	2	0.68	0.18	0.04			0001	0845		
Feb-09	Sat	50	14:55	28	23:59	22	39.0	-4.0	43	0	0									
Feb-10	Sun	49	15:09	22	6:24	27	35.5	-3.5	42	1	1									
Feb-11	Mon	61	15:15	39	1:41	22	50.0	14.5	43	2	2	0.06	0.03	0.01			0005	0700		
Feb-12	Tue	61	15:22	40	6:41	21	50.5	0.5	45	1	2									
Feb-13	Wed	49	0:01	37	23:19	12	43.0	-7.5	46	2	2	0.09	0.04	0.01			1015	1225		
Feb-14	Thu	53	15:20	28	6:36	25	40.5	-2.5	45	0	0									
Feb-15	Fri	64	13:39	31	6:58	33	47.5	7.0	45	0	0	T	T	T			2116	2120		
Feb-16	Sat	41	0:01	30	23:58	11	35.5	-12.0	46	2	2	0.16	0.06	0.03	0.1	None	0015	0815		
Feb-17	Sun	35	13:53	22	23:59	13	28.5	-7.0	43	1	0									
Feb-18	Mon	48	16:15	16	6:48	32	32.0	3.5	40	0	0									
Feb-19	Tue	49	17:23	36	23:59	13	42.5	10.5	42	2	2	0.11	0.06	0.02			0945	1510		
Feb-20	Wed	48	14:36	26	6:53	22	37.0	-5.5	41	0	0									
Feb-21	Thu	46	15:42	23	7:10	23	34.5	-2.5	41	0	0									
Feb-22	Fri	38	14:48	32	1:36	6	35.0	0.5	42	2	2	0.03	0.02	0.02	T	None	0815	1030		
Feb-23	Sat	43	16:36	35	0:34	8	39.0	4.0	42	2	2	0.13	0.04	0.03			0001	1020		
Feb-24	Sun	58	16:25	33	23:48	25	45.5	6.5	43	2	0	0.01	0.01	T			0534	0612		
Feb-25	Mon	46	14:34	25	5:31	21	35.5	-10.0	43	2	2									
Feb-26	Tue	52	20:54	28	1:00	24	40.0	4.5	42	2	2	0.51	0.13	0.03			0900	2040		
Feb-27	Wed	60	14:39	38	23:11	22	49.0	9.0	45	1	0									
Feb-28	Thu	51	10:53	36	7:11	15	43.5	-5.5	45	2	1	T	T	T			0006	0010		
TOTAL		1370		823		547.0	1096.5	7.0	1209	34	32	1.85	0.62	0.21	0.2	0.0	Col.26-27			
NUM		28	28	28	28	28	28	28	28	28	28	11	10	9	2	0	DAILY AVE RH			
AVE.		48.93	13:50	29.39	10:22	19.54	39.16		43.18	1.21	1.14	Ave. Tot.	Ave.Max	Ave.Max	Ave.Tot.	Ave.Days	64.6	Percent		
Normals		52.73		30.40		22.32	41.56		41.85	1.04	1.13	2.37	0.36	0.07	5.8	5.5	60.5	Percent		
Departures		-3.80		-1.01		-2.78	-2.40		1.33	0.17	0.01	-0.52	-0.18	-0.03	-5.6	-5.5	4.1	Percent		
MAX. DATES	Dates	64		40		33	50.5	18.0	47.0	Whole Day		0.68	0.18	0.04	0.1	0.0	Precip	24 Hr.		
	1	Feb-15		Feb-05		Feb-15	Feb-12	Feb-05	Feb-01	AVE.	1.18	Feb-08	Feb-08	Feb-08	Feb-02		Amount	0.74		
	2			Feb-12						Normal	1.38				Feb-16		Date	Feb-07		
	3									Depart.	-0.20						Date	Feb-08		
MIN. DATES	Dates	35		16		6	26.5	-12.0	40.0	SKY	AM	PM	>= 0.10 INCHES		>= 1.00 INCHES		>= 2.00 INCHES			
	1	Feb-17		Feb-02		Feb-22	Feb-02	Feb-16	Feb-18	CLEAR	9	11	5	DAYS	0	DAYS	0	DAYS		
	2			Feb-18						P.CLO.	4	2	HOTTEST		50.5	Highest	Lowest	COOLEST		
	3									CLO.	15	15	DAY		2-12	Mean	Mean	DAY		
<=32 °F		0	<=32 °F	18	MAX.	>= 80	>= 75	>= 70	>= 65	>= 60	>= 55	>= 50	>= 45	>= 40	>= 35	>= 30	>= 25	>= 20		
>=90°F		0	>=70 °F	0	DAYS	0	0	0	0	4	7	12	19	24	28	28	28	28		

		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Feb 2013	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE				GLAZE SLEET SNOW FOG DEW FROST								
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG	DEW	FROST			
Feb-01			97.4	23	10:00	71	26	30.39	29.76	30.08	0.50									
Feb-02			57.3	18	13:15	90	31	30.39	29.99	30.19	0.11			1					2	
Feb-03	0945	1045	38.3	18	20:09	88	48	30.00	29.83	29.92	-0.27			1						
Feb-04			60.4	18	16:20	81	39	30.13	29.92	30.03	0.11								3	
Feb-05			91.0	21	0:49	60	38	29.92	29.82	29.87	-0.15									
Feb-06			40.5	16	19:13	92	35	30.32	29.91	30.12	0.25								2	
Feb-07			49.3	12	16:57	91	56	30.42	30.14	30.28	0.16								3	
Feb-08			105.4	27	19:46	98	54	30.14	29.75	29.95	-0.34									
Feb-09			65.7	16	7:19	76	25	30.37	29.94	30.16	0.21								2	
Feb-10			34.6	13	14:09	81	31	30.49	30.25	30.37	0.21								1	
Feb-11			136.1	32	15:24	100	57	30.25	29.80	30.03	-0.34									
Feb-12			61.5	16	0:50	70	27	30.01	29.82	29.92	-0.11									
Feb-13	1515	2210	40.6	14	21:36	95	43	29.91	29.62	29.77	-0.15									
Feb-14			31.7	14	15:36	98	36	30.03	29.78	29.91	0.14				5				4	
Feb-15			86.3	23	15:13	95	25	30.05	29.89	29.97	0.06								3	
Feb-16	1030	1815	68.8	16	11:40	96	71	30.01	29.83	29.92	-0.05			1						
Feb-17			90.1	24	16:23	76	28	30.22	29.84	30.03	0.11									
Feb-18			49.5	17	23:57	73	22	30.40	30.20	30.30	0.27								1	
Feb-19			131.9	24	8:46	98	40	30.20	29.78	29.99	-0.31								1	
Feb-20			65.6	21	15:22	94	28	30.14	29.87	30.01	0.02								1	
Feb-21			61.3	16	11:33	70	31	30.30	30.11	30.21	0.20								2	
Feb-22	1500	1540	34.9	13	8:36	93	52	30.36	30.19	30.28	0.07		1		2					
Feb-23			41.1	12	6:32	100	92	30.20	29.80	30.00	-0.27									
Feb-24			60.1	27	19:36	98	34	30.10	29.78	29.94	-0.06									
Feb-25			36.2	14	7:55	80	38	30.22	30.09	30.16	0.22								1	
Feb-26			74.5	22	17:26	100	78	30.21	29.55	29.88	-0.27				1				1	
Feb-27			73.7	21	13:21	100	42	29.71	29.53	29.62	-0.26					1				
Feb-28			63.2	16	14:24	88	37	29.76	29.62	29.69	0.07									
TOTAL			1847.0	524		2452	1164	844.65	836.41	840.53	0.11	0	1	3	3	0	1	14		
Number	Feb. Wind Run		28	28	28	28	28	28	28	28	28									
AVE.	Total	1847.0	66.0	18.7	13:38	87.6	41.6	30.17	29.87	30.02										
Normals	Miles	1704.8	55.5	20.8		83.7	37.3	30.15	29.89	30.02										
Departures	Miles	142.2	10.5	-2.1		3.9	4.3	0.02	-0.02	0.00										
MAXIMUM DATES	Dates		136.1 Feb-11	32 Feb-11	SOUTH 15:24	100 Feb-11	92 Feb-23	30.49 Feb-10	30.25 Feb-10	30.37 Feb-10	0.50 Feb-01	5. Very Heavy 4. Heavy-Unusual 3. Moderate - Ave. 2. Light - < Ave. 1. Very Light - Slight - Trace M - Event with intensity missing								
	1																			
	2																			
	3																			
MINIMUM DATES	Dates		31.7 Feb-14	12 Feb-07		60 Feb-05	22 Feb-18	29.71 Feb-27	29.53 Feb-27	29.62 Feb-27	-0.34 Feb-11									
	1																			
	2																			
MINIMUM DAYS	≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35	≤ 30	≤ 25	≤ 20	≤ 15							
	28	28	28	28	28	28	28	28	20	16	8	3	0							


Feb 2013	REMARKS FOR THE MONTH February - 2013
Feb-01	A CLIPPER PASSED AT 0730 AND PULLED IN COLD DRY AIR ON STRONG WINDS MAKING A VERY COLD DAY
Feb-02	WEAK CLIPPER GAVE 0.1 INS. OF FLUFFY SNOW THAT DID NOT EVEN CONTAIN 0.01 INS. OF WATER-CLEARING STARTED COMING IN AT 1000 BUT NOT
Feb-03	3RD PD. OF PRECIP. 1145-1200
Feb-04	SUN THROUGH ALTOSTRATUS MOST OF AFTERNOON
Feb-05	ONLY A LITTLE SUN ALL DAY BETWEEN 1315-1515
Feb-06	VERY CLEAR DAY JUST A COUPLE OF PM CUMULUS SEEN ON NORTH HORIZON
Feb-07	CLOUDY COOL AND DAMP DAY WITH AN EASTERLY WIND
Feb-08	SUN CAME OUT FOR A BRIEF WHILE FROM 1615-1715
Feb-09	VERY SUNNY DAY WITH NEAR AVERAGE WINTER TEMPS. AND VERY LOW REL. HUMIDITY OF 25%
Feb-10	VERY LIGHT FROST DUE TO THE VERY DRY AIR-CLEAR IN AM UNTIL 0930 THEN CLOUDY UNTIL 1330 THEN CLOUDS AGAIN UNTIL 1540
Feb-11	CLOUDY AND A WARM FEB. DAY BUT VERY DAMP-0.06 INS. OF RAIN FROM WARM FRONT PASSAGE
Feb-12	AM ABOUT 40-50% CLOUDY AND PM MOSTLY CLEAR FROM 1230-1430 THEN CLOUDY - PM EST. TO BE 70% CLOUDY
Feb-13	MANY OFF AND ON PDS. OF SPRINKLES
Feb-14	VERY HEAVY FROST WITH SOME FROZEN FOG AND FOG BECAME VERY HEAVY AROUND 0815-VISIBILITY CUT TO 0.2 MILES BUT DIDN'T LAST LONG
Feb-15	BEAUTIFUL WINTER DAY BUT A LITTLE SNOW IS FORECAST FOR TOMORROW-VERY CLEAR WITH LOW REL. HUMIDITY OF 25%
Feb-16	SNOW STARTED AT 0650-SNOWED OFF AND ON MOST OF DAY BUT MELTED AS IT FELL
Feb-17	VERY COLD FEB. DAY WITH A PM WIND CHILL-MIN. WIND CHILL 13 °F AT 2143
Feb-18	CLOUDS CAME IN AROUND SUNSET BUT A VERY CLEAR DAY WITH LOW HUMIDITY-MIN. REL. HUMIDITY 22%
Feb-19	CLOUDY RAINY DAY BUT PRECIP. LIGHT
Feb-20	VERY CLEAR DAY WITH LOW REL. HUMIDITY
Feb-21	CLEAR COOL BREEZY DAY
Feb-22	3RD PD. OF PRECIP. 2045-2400-DAMP CHILLY DAY-VERY LIGHT TRACE OF SLEET IN EARLY MORNING
Feb-23	CLOUDY AND VERY DAMP DAY BUT A LITTLE WARMER-MIN. REL. HUMIDITY TODAY WAS 92%
Feb-24	COLD FRONT PASSED BET. 1900-2000-BUT TODAY BEFORE THE FRONT WAS ONE OF THE NICEST DAYS OF FEB. - PD. OF HEAVIEST DRIZZLE ENTERED
Feb-25	CIRRUS CLOUDS COVERED MOST OF SKY ALL DAY GIVING WEAK SUNLIGHT
Feb-26	DARK DAMP DAY WITH WARM FRONT PASSAGE AROUND 1100
Feb-27	WARM AND PLEASANT DAY FOR FEB. - AM WAS ABOUT 60% CLOUDY AND THE PM WAS ABOUT 30% CLOUDY
Feb-28	A SHORT SPRINKLE BETWEEN 0006 AND 0010 A COOL AND MOSTLY CLOUDY DAY - AM WAS ABOUT 70% CLOUDY & PM WAS ABT. 60% CLOUDY
<b>DATE</b>	<b>EXTENSION OF LENGTHY DAILY REMARKS</b>
Feb-02	CLOUDY UNTIL 1030. THE 0.01 INS. OF LIQUID EQUIVALENT WAS FROM THE TWO SNOWS OF THE 2ND AND THE 3RD.
Feb-28	CLEAR PERIOD FROM 1615 TO 1745.

PAGE #1 Feb 2014 West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.5693° W. - Koontz

Feb 2014		Week Day		TEMPERATURE °F				TEMPERATURE °F				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	Sat	57	14:19	25	6:49	32	41.0	4.5	36	0	1	T	T	T		T	1805	1815		
Feb-02	Sun	67	13:36	44	6:43	23	55.5	14.5	40	2	2					None				
Feb-03	Mon	52	1:21	33	23:20	19	42.5	-13.0	43	2	2	1.15	0.43	0.05			0240	0300		
Feb-04	Tue	44	14:08	29	6:53	15	36.5	-6.0	41	2	2	0.07	0.04	0.01			2115	2400		
Feb-05	Wed	48	16:10	32	2:43	16	40.0	3.5	41	2	2	0.10	0.08	0.01			0001	0425		
Feb-06	Thu	40	14:13	29	7:25	11	34.5	-5.5	41	2	2									
Feb-07	Fri	48	14:07	26	6:48	22	37.0	2.5	41	0	2									
Feb-08	Sat	42	15:03	28	0:01	14	35.0	-2.0	40	2	2									
Feb-09	Sun	40	15:48	31	6:37	9	35.5	0.5	40	2	2	T	T	T			1842	1845		
Feb-10	Mon	35	0:01	26	21:29	9	30.5	-5.0	40	2	2									
Feb-11	Tue	36	14:51	21	5:46	15	28.5	-2.0	39	1	2									
Feb-12	Wed	29	11:35	18	6:55	11	23.5	-5.0	38	2	2	0.50	0.18	0.02	4.6	None	1627	2400		
Feb-13	Thu	34	13:51	26	0:01	8	30.0	6.5	38	2	2	1.05	0.26	0.03	1.1	3.0	0001	0730		
Feb-14	Fri	55	15:34	32	2:26	23	43.5	13.5	38	0	0					1.5				
Feb-15	Sat	43	0:19	27	22:31	16	35.0	-8.5	38	2	2	0.14	0.07	0.01		1.0	0200	0255		
Feb-16	Sun	46	15:14	24	4:18	22	35.0	0.0	37	0	2					0.5				
Feb-17	Mon	41	14:40	23	4:40	18	32.0	-3.0	37	0	0	T	T	T	T	T	2343	2400		
Feb-18	Tue	62	15:27	30	0:54	32	46.0	14.0	38	0	0	0.02	0.02	0.01	T	T	0005	0050		
Feb-19	Wed	69	15:53	43	1:51	26	56.0	10.0	40	2	0	0.11	0.08	0.02			0732	1025		
Feb-20	Thu	56	13:57	35	6:44	21	45.5	-10.5	42	2	2									
Feb-21	Fri	70	10:20	39	23:59	31	54.5	9.0	43	2	2	0.56	0.51	0.18			1123	1310		
Feb-22	Sat	65	14:29	33	4:54	32	49.0	-5.5	43	1	0									
Feb-23	Sun	70	14:14	40	6:45	30	55.0	6.0	44	0	0									
Feb-24	Mon	57	14:17	30	23:57	27	43.5	-11.5	45	0	0									
Feb-25	Tue	45	16:14	28	1:11	17	36.5	-7.0	43	2	2									
Feb-26	Wed	44	12:44	25	23:19	19	34.5	-2.0	42	2	1	T	T	T	T	None	0905	1000		
Feb-27	Thu	49	16:00	25	7:08	24	37.0	2.5	41	0	0									
Feb-28	Fri	34	14:55	15	6:52	19	24.5	-12.5	40	0	0									

TOTAL	1378		817		561.0	1097.5	-12.0	1129	34	36	3.70	1.67	0.34	5.7	6.0	Col.26-27			
NUM	28	28	28	28	28	28	28	28	28	28	9	9	9	2	4	DAILY AVE RH			
AVE.	49.21	12:58	29.18	8:40	20.04	39.20		40.32	1.21	1.29	Ave. Tot.	Ave.Max	Ave.Max	Ave.Tot.	Ave.Days	62.4	Percent		
Normals	51.97		30.20		19.64	41.08		42.11	1.07	1.14	2.27	0.32	0.06	4.7	4.0	61.3	Percent		
Departures	-2.76		-1.02		0.40	-1.88		-1.79	0.14	0.15	1.43	0.19	0.12	1.0	2.0	1.1	Percent		
MAX. DATES	Dates	70	44		32	56.0	14.5	45.0	Whole Day		1.15	0.51	0.18	4.6	3.0	Precip	24 Hr.		
1	Feb-21		Feb-02		Feb-01	Feb-19	Feb-02	Feb-24	AVE.	1.25	Feb-03	Feb-21	Feb-21	Feb-12	Feb-13	Amount	1.55		
2	Feb-23				Feb-18				Normal	1.38						Date	Feb.12		
3					Feb-22				Depart.	-0.13						Date	Feb.13		
MIN. DATES	Dates	29	15		8	23.5	-13.0	36.0	SKY		AM	PM	>= 0.10 INCHES		>= 1.00 INCHES		>= 2.00 INCHES		
1	Feb-12		Feb-28		Feb-13	Feb-12	Feb-03	Feb-01	CLEAR	10	9			7	DAYS	2	DAYS	0	DAYS
2									P.CLO.	2	2			HOTTEST	56.0	Highest	Lowest	COOLEST	23.5
3									CLO.	16	17			DAY	2-19	Mean	Mean	DAY	2-12
<=32 °F	1	<=32 °F	21	MAX. DAYS	>= 80	>= 75	>= 70	>= 65	>= 60	>= 55	>= 50	>= 45	>= 40	>= 35	>= 30	>= 25	>= 20		
>=90 °F	0	>=70 °F	0		0	0	2	5	6	10	11	16	23	25	27	28	28		




	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38						
Feb 2014	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	2100	2105	25.4	13	14:45	83	23	30.28	30.01	30.15	-0.01							1							
Feb-02			77.8	15	15:48	77	38	30.01	29.93	29.97	-0.18					N									
Feb-03	0511	1150	119.2	23	14:08	96	66	30.31	29.91	30.11	0.14					P									
Feb-04			49.1	12	0:34	89	57	30.46	30.11	30.29	0.18						3								
Feb-05	0800	1025	68.2	16	13:25	99	62	30.11	29.72	29.92	-0.37				2	P									
Feb-06			91.3	21	3:59	67	42	30.34	30.06	30.20	0.29						N								
Feb-07			20.2	13	14:08	90	40	30.33	30.24	30.29	0.08						3								
Feb-08			54.4	14	8:57	85	45	30.31	30.16	30.24	-0.05						N								
Feb-09			39.0	16	16:05	82	60	30.19	29.98	30.09	-0.15						N								
Feb-10			47.9	16	6:27	89	49	30.30	30.02	30.16	0.07						N								
Feb-11			74.0	18	9:09	64	33	30.45	30.29	30.37	0.21						N								
Feb-12			97.7	22	22:31	94	42	30.49	29.96	30.23	-0.14	N	N	4			3								
Feb-13	0935	1230	85.9	30	1:30	98	93	29.96	29.29	29.63	-0.60	2	2	2	1		N								
Feb-14			122.5	24	11:23	95	30	29.71	29.46	29.59	-0.04						1								
Feb-15	0515	1425	72.5	25	12:49	96	49	29.98	29.55	29.77	0.18					P									
Feb-16			69.5	20	16:27	76	33	30.18	29.95	30.07	0.30						N								
Feb-17			63.8	17	22:01	84	31	30.42	30.18	30.30	0.24			1			3								
Feb-18	0305	0510	99.8	33	11:58	87	24	30.23	30.05	30.14	-0.16			1			P								
Feb-19			105.4	32	13:22	95	41	30.06	29.75	29.91	-0.23					N									
Feb-20			27.0	12	9:26	81	27	30.25	29.93	30.09	0.18					2									
Feb-21			110.3	45	11:31	98	57	29.98	29.71	29.85	-0.25					N									
Feb-22			52.5	20	14:02	95	21	30.15	29.98	30.07	0.22					3	2								
Feb-23			98.4	24	15:51	58	21	30.07	29.83	29.95	-0.11					N									
Feb-24			58.6	22	16:41	93	17	30.14	29.89	30.02	0.07					3									
Feb-25			16.2	11	15:51	83	38	30.12	29.97	30.05	0.03						N								
Feb-26			38.0	17	15:58	85	42	30.01	29.81	29.91	-0.14			1			1								
Feb-27			97.2	25	9:26	75	17	30.08	29.69	29.89	-0.03						N								
Feb-28			77.7	24	1:41	54	27	30.41	30.08	30.25	0.36						N								
TOTAL			1959.5	580		2368	1125	845.33	837.51	841.42	0.09	GLAZE	SLEET	SNOW	FOG	THUNDER	DEW	FROST							
	Number	Feb. Wind Run		28	28	28	28	28	28	28	28								1	1	5	1	1	3	8
	AVE.	Total	1959.5	70.0	20.7	22:31	84.6	40.2	30.19	29.91	30.05														
	Normals	Miles	1733.3	61.4	34.0		84.5	38.2	30.15	29.88	30.02														
Departures	Miles	226.2	8.6	-13.3		0.1	2.0	0.04	0.03	0.03															
MAXIMUM DATES	Dates		122.5	45	SSW	99	93	30.49	30.29	30.37	0.36	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.													
	1	Feb-14	Feb-21	11:31	Feb-05	Feb-13	Feb-12	Feb-11	Feb-11	Feb-28															
	2																								
	3																								
MINIMUM DATES	Dates		16.2	11		54	17	29.71	29.29	29.59	-0.60														
	1	Feb-25	Feb-25		Feb-28	Feb-24	Feb-27	Feb-14	Feb-13	Feb-14	Feb-13														
	2																								
MINIMUM DAYS	≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35	≤ 30	≤ 25	≤ 20	≤ 15												
	28	28	28	28	28	28	28	26	24	18	8	2	1												

<b>Feb 2014</b>	<b>REMARKS FOR THE MONTH February - 2014</b>
<b>Feb-01</b>	THIN CIRRUS IN AM BUT MUCH SOLAR RADIATION THROUGH CLOUDS-RECORDED AS CLEAR-PM STILL THINK BUT MORE COVERAGE RATED PC
<b>Feb-02</b>	SUN THROUGH CIRRUS AND CIRROSTRATUS ALL DAY THAT BECAME THICKER IN PM
<b>Feb-03</b>	SUN IN NW VA BUT ONLY RAIN HERE MOST OF THE DAY
<b>Feb-04</b>	FREEZING RAIN TO NW AND N DURING LATE HOURS OF 4TH
<b>Feb-05</b>	AM DRIZZLE-WARM FRONT PASSED AROUND NOON AND SUN CAME OUT BY 1530
<b>Feb-06</b>	CIRRUS AND CIRROSTRATUS BUT NOT THICK UNTIL THE AFTERNOON - CHILLY DAY WITH NORTHERLY WIND
<b>Feb-07</b>	CLOUDS CAME IN AROUND NOON-CIRRUS AT FIRST THEN ALTOCUMULUS THEN CLEARING AGAIN AFTER 1730
<b>Feb-08</b>	CLOUDY ALL DAY TO 1500 BUT NO PRECIPITATION THEN MOSTLY CLEAR 1500-1630-SNOW FLURRIES IN FORECAST
<b>Feb-09</b>	CLOUDY COLD DAY AND LITTLE SNOW IN MD-LIGHTEST OF SPRINKLES HERE BUT NO FLURRIES
<b>Feb-10</b>	NO FROST - DRY AIR AND CLOUDY-A COLD DAY WITHOUT SUN
<b>Feb-11</b>	PC WITH CIRRUS IN AM BUT MOSTLY CLEAR IN PM AND CONTINUED AFTER DARK
<b>Feb-12</b>	MAJOR COASTAL STORM FROM SW-HEAVIEST REPORTED SNOW SEEN 14 INS. IN FREDERICK COUNTY, VA-DC REPORTED 10-12 INS.
<b>Feb-13</b>	SNOW TURNED TO SLEET AT 0020 AND FREEZING RAIN BET. 0220-0225-THUNDER CONVECTION CAUSING PEA SIZE HAIL THAT TURNED TO SLEET
<b>Feb-14</b>	BEAUTIFUL DAY COMPARED TO YESTERDAY WITH FULL SUN EXCEPT A FEW CLOUDS AT SUNRISE AND SUNSET
<b>Feb-15</b>	A CLIPPER PASSED TO OUR NORTH AND BECAME A STRONG COASTAL LOW AND BOSTON AND CAPE COD HAD BLIZZARD CONDITIONS-NO SNOW HERE
<b>Feb-16</b>	CLEAR SUNNY AM BUT VERY CLOUDY PM
<b>Feb-17</b>	SUNNY BUT CHILLY DAY-ON AND OFF SNOW PELLETS TODAY BETWEEN 2343 & 2400 -CHICAGO NOW 5TH SNOWIEST WINTER ON RECORD
<b>Feb-18</b>	SNOW PELLETS AFTER MIDNIGHT ALSO BUT NOT ENOUGH TO MEASURE -PM PLEASANT FOR FEB.
<b>Feb-19</b>	THE SKY BECAME CLEAR BET. 1330-1400 AND WAS CLEAR UNTIL DARK-2 THUNDERS HEARD IN AM
<b>Feb-20</b>	CLEAR AT 0700 BUT CLOUDY BY 0800 AND MOSTLY CLOUDY THE REST OF THE DAY
<b>Feb-21</b>	HIGHEST WIND OF 45MPH SINCE JUNE 25, 2012 WHEN WE HAD A 47MPH GUST IN A SEVERE TS-TS RATED 3 BECAUSE OF WIND ALTHOUGH LITTLE LIGHTNING
<b>Feb-22</b>	FROST ON ROOFS BUT NONE ON GRASS WHERE IT WAS ONLY DEW-CLOUDY IN AM UNTIL 0945
<b>Feb-23</b>	BEAUTIFUL FEB. DAY WITH BLUE SKY PARTICULARLY IN PM AND LOW REL. HUMIDITY WITH PLEASANT TEMPS.
<b>Feb-24</b>	VERY DRY AIR -MIN. DEW POINT 8.4 °F AT 2018 AND LOW REL. HUMIDITY WAS 17%-VERY SUNNY CLEAR AFTERNOON-FEW AM CLOUDS
<b>Feb-25</b>	CLOUDY UNTIL 1500 THEN PC 1715 THEN CLEAR
<b>Feb-26</b>	ONLY VERY LIGHT SNOW FLURRIES HERE WITH TEMPS. ABOVE FREEZING-PM PARTLY CLOUDY CLEARING LATE AT 1630-COLD FRONT PASSED AT 1300
<b>Feb-27</b>	WINDY AND COLD WITH A STRONG COLD FRONT PASSING IN PM AT 1900
<b>Feb-28</b>	COLD CLEAR AND VERY DRY DAY THE MIN. DEW PT. WAS -1.7 °F AT 0923 AND THE MIN. REL. HUMIDITY WAS 27% AT 1430
<b>DATE</b>	<b>EXTENSION OF LENGTHY DAILY REMARKS</b>
	3RD PD. OF PRECIP. 1425-2115-FINAL SNOW TOTAL FOR THE STORM OF 5.7 INS. WAS THE MOST REC. HERE SINCE FEB. 5-6, 2010 WHEN 11.1 INS. FELL

1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19	
Feb 2015	Week Day	TEMPERATURE °F				TEMPERATURE °F				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	-1.2	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 DAILY AVE RH																				
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		0.00	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		21.53	-10.03		-3.88	-0.03	-0.02	1.04	0.03	0.03	6.3	22.2	-7.1	Percent																			
MAX. DATES	Dates	72		40		35.4	56.0	19.4	43.0	Whole Day		0.85	0.39	0.11	5.3	5.2	Precip Amount	24 Hr. 1.18																			
	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	Date	Feb.21																			
	2								Feb-10	Normal	1.38						Date	Feb.22																			
	3									Depart.	-0.27						Date																				
MIN. DATES	Dates	21		-1		7.5	10.9	-13.6	35.0	SKY	AM	PM	>= 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 DAY	56.0 2-08	Highest Mean	Lowest Mean	COOLEST DAY	10.9 2-20																			
	3								24 & 25	CLO.	14	13																									
<=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																			

PAGE #2 Feb 2015 West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.5693° W. - Koontz

Feb 2015		21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
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				1					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				1					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				4					N
Feb-17		55.1	15	12:21	84	44	30.01	29.88	29.95	-0.26				2					P
Feb-18		55.7	24	16:33	90	33	29.99	29.74	29.87	-0.08				1					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				2				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				1					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				4					P
Feb-27		45.6	20	9:16	93	48	30.66	30.17	30.42	0.42					1				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									
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	84.0	38.5	30.16	29.89	30.02										
Departures	Miles	551.5	20.1	0.4	-7.9	-5.9	0.12	0.05	0.09										
MAXIMUM DATES	Dates	179.3 Feb-14	36 Feb-14	SSW 18:35	95 Feb-22	74 Feb-10	30.87 Feb-28	30.66 Feb-28	30.77 Feb-28	0.48 Feb-03									
MINIMUM DATES	Dates	21.8 Feb-03	11 Feb-01		40 Feb-15	18 Feb-07	29.91 Feb-09	29.34 Feb-09	29.63 Feb-09	-0.41 Feb-14									
MINIMUM DAYS		≤ 75 28	≤ 70 28	≤ 65 28	≤ 60 28	≤ 55 28	≤ 50 28	≤ 45 28	≤ 40 27	≤ 35 27	≤ 30 24	≤ 25 19	≤ 20 16	≤ 15 7	≤ 10 3	≤ 5 2	≤ 0 1		


5. Very Heavy  
 4. Heavy-Unusual  
 3. Moderate - Ave.  
 2. Light - < Ave.  
 1. Very Light - Slight - Trace  
 M - Event with intensity missing  
 P - Rain hindering Dew & Frost Obs.

N- None No Dew Obs.  
 P- Precip. prevent obs.

<b>Feb 2015</b>	<b>REMARKS FOR THE MONTH February - 2015</b>
<b>Feb-01</b>	ONLY ONE PD. WITH A FEW CLOUDS FROM 0700-0715 & 1100-1200
<b>Feb-02</b>	CLEARING STARTED AT 1430-VERY WINDY AND CHANGEABLE DAY-COLD FRONT PASSED AT 1030
<b>Feb-03</b>	CLEAR ALL DAY EXCEPT THIN CIRRUS FROM 0900-1030
<b>Feb-04</b>	BEAUTIFUL FEB. DAY EXCEPT A LITTLE WINDY-PM HAD A THIN LAYER OF CIRRUS
<b>Feb-05</b>	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
<b>Feb-06</b>	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
<b>Feb-07</b>	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
<b>Feb-08</b>	BEAUTIFUL DAY FOR FEB. AND WARMEST DAY SINCE DEC. 1, 2014 WHEN IT WAS 76°F
<b>Feb-09</b>	CLOUDY AND MILD ALL DAY BUT NO SPRINKLES UNTIL 1931
<b>Feb-10</b>	1ST SNOW STARTED AT 0355 BUT VERY LITTLE SNOW UNTIL 0500 AND MOST INTENSE SNOW AT 0645
<b>Feb-11</b>	WINDIEST DAY YESTERDAY SINCE DEC. 7, 2014 WHEN WIND RUN WAS 204.7 MILES
<b>Feb-12</b>	SNOW SHOWERS STARTED SUDDENLY AT 1349 AND BECAME LIGHT AND ENDED BY 1445
<b>Feb-13</b>	A FEW CIRRUS CLOUDS FROM 0700-1000 BUT A VERY CLEAR PM AND A LOW DEW POINT OF -4.7°F AT 1113
<b>Feb-14</b>	WINDY AND DRY AIR - NO FROST-VERY STRONG ARCTIC FRONT - WIND TO 36MPH-POWER FLICKERED SEVERAL TIMES AND WENT OUT FOR 30 SEC. BUT
<b>Feb-15</b>	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
<b>Feb-16</b>	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
<b>Feb-17</b>	VERY CLEAR DAY BUT COLD-TOTAL SNOW IN STORM WAS 6.2 INCHES
<b>Feb-18</b>	CORE SAMPLE AT 0700 WAS 0.77 INCHES-MUCH FROST ON MIRROR-CLOUDS CAME IN AT 1430 BUT NO AM CLOUDS
<b>Feb-19</b>	LIGHT BREEZE AND LOW REL. HUMIDITY GAVE NO FROST-REC. LOW DEW POINT OF -13.8°F AT 2124
<b>Feb-20</b>	TODAY SET 2 ALL TIME STATION REC.-LOWEST DEW POINT REC. -14.6°F AT 0101 & LOWEST TEMP. -1.2°F AT 0629
<b>Feb-21</b>	ONLY A LITTLE GLAZE ON COLDER SURFACES
<b>Feb-22</b>	SUN THROUGH THIN CIRRUS IN PM-WARMEST DAY SINCE FEB. 9
<b>Feb-23</b>	CLOUDY ALL DAY AND THIN CIRRUS AFTER 1530-ABOUT FREEZING OVERNIGHT AND LOWEST TEMP. OCCURRED AT MIDNIGHT
<b>Feb-24</b>	VERY LIGHT SNOW FLURRY STARTING AT 1800-1805-A CLOUDY COLD DAY
<b>Feb-25</b>	CLEAR UNTIL 1120 THEN CIRRUS-PM THIN CIRRUS UNTIL 1515 BUT WITH COMPLETE COVERAGE OF SKY
<b>Feb-26</b>	MOST UNUSUAL SNOW FLAKE CRYSTALS AT 0500 AS ABOUT 75% OF CRYSTALS WERE NEEDLES-TOTAL FOR STORM 4.7 INS. & SNOW WATER
<b>Feb-27</b>	CLEARING STARTED AT 1445 AND NO CLOUDS BY 1630
<b>Feb-28</b>	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
<b>DATE</b>	<b>EXTENSION OF LENGTHY DAILY REMARKS</b>
<b>Feb-05</b>	ALTOCUMULUS-PM CLEAR AFTER 1400
<b>Feb-06</b>	CLOUDS CAME IN AT 1145
<b>Feb-14</b>	CAME BACK ON
<b>Feb-26</b>	EQUIVALENT WAS 11.5 TO 1
<b>Feb-28</b>	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.

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1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19	
Feb 2016	Week Day	TEMPERATURE °F				TEMPERATURE °F				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	Mon	73.8	14:43	46.9	21:36	26.9	60.4	7.6	43	0	2	0.20	0.14	0.02			1523	2105																			
Feb-02	Tue	55.2	13:15	42.3	23:57	12.9	48.8	-11.6	46	0	2																										
Feb-03	Wed	68.0	13:20	41.9	0:07	26.1	55.0	6.2	46	2	2	1.05	0.64	0.07			0725	0800																			
Feb-04	Thu	61.6	2:03	40.3	23:55	21.3	51.0	-4.0	50	2	2	0.05	0.02	0.01			0001	0110																			
Feb-05	Fri	45.9	13:09	26.4	23:53	19.5	36.2	-14.8	48	2	0	0.08	0.04	0.01	0.1	None	0001	0035																			
Feb-06	Sat	46.8	15:30	22.8	7:17	24.0	34.8	-1.4	45	2	1																										
Feb-07	Sun	44.3	14:07	28.8	0:01	15.5	36.6	1.8	43	2	2																										
Feb-08	Mon	49.7	12:59	28.0	7:25	21.7	38.9	2.3	43	0	2	0.11	0.09	0.01			1735	1800																			
Feb-09	Tue	45.3	13:27	32.2	23:49	13.1	38.8	-0.1	44	2	2	0.05	0.05	0.01	T	None	0001	0010																			
Feb-10	Wed	43.0	14:13	23.7	23:45	19.3	33.4	-5.4	43	0	2	0.01	0.01	T	0.1	None	0001	0220																			
Feb-11	Thu	35.3	15:18	18.5	7:10	16.8	26.9	-6.5	42	0	0																										
Feb-12	Fri	30.8	14:14	16.6	6:45	14.2	23.7	-3.2	40	2	2	T	T	T	T	None	1510	1515																			
Feb-13	Sat	30.8	14:16	13.0	23:53	17.8	21.9	-1.8	40	0	0																										
Feb-14	Sun	28.9	14:25	8.2	6:52	20.7	18.6	-3.4	38	0	1	0.01	0.01	T	0.1	None	2130	2400																			
Feb-15	Mon	31.0	23:45	21.1	2:36	9.9	26.1	7.5	38	2	2	0.40	0.08	0.02	1.3	1.2	0001	1340																			
Feb-16	Tue	57.6	16:04	31.0	0:01	26.6	44.3	18.3	39	2	1	0.52	0.19	0.06	ZR	None	0001	0025																			
Feb-17	Wed	55.5	14:30	31.9	7:13	23.6	43.7	-0.6	42	0	0	T	T	T			0248	0255																			
Feb-18	Thu	46.6	13:53	24.8	6:40	21.8	35.7	-8.0	42	0	0																										
Feb-19	Fri	49.3	15:50	20.6	6:03	28.7	35.0	-0.8	41	2	1																										
Feb-20	Sat	66.1	16:13	44.9	1:16	21.2	55.5	20.6	42	2	2																										
Feb-21	Sun	67.5	12:41	46.1	5:49	21.4	56.8	1.3	45	2	2	0.48	0.17	0.07			1250	1935																			
Feb-22	Mon	54.3	0:01	44.4	23:55	9.9	49.4	-7.5	48	2	2																										
Feb-23	Tue	44.4	0:01	39.7	6:03	4.7	42.1	-7.3	47	2	2	0.81	0.19	0.03			0100	1250																			
Feb-24	Wed	69.5	17:47	41.3	0:40	28.2	55.4	13.4	47	2	2	0.65	0.22	0.14			0050	0725																			
Feb-25	Thu	57.3	0:01	41.4	23:20	15.9	49.4	-6.1	49	2	2																										
Feb-26	Fri	47.8	13:13	25.8	23:55	22.0	36.8	-12.6	46	1	0																										
Feb-27	Sat	48.0	14:38	20.6	6:26	27.4	34.3	-2.5	44	1	0																										
Feb-28	Sun	67.0	14:50	30.1	2:39	36.9	48.6	14.3	44	0	0																										
Feb-29	Mon	70.2	14:22	42.0	23:59	28.2	56.1	7.6	47	1	0																										
<b>TOTAL NUMBER</b>		1492		895		596.2	1193.4	3.4	1272	35	36	4.42	1.85	0.45	1.6	1.2	Col.26-27																				
<b>AVERAGE</b>		51.43	12:51	30.87	11:45	20.56	41.15		43.86	1.21	1.24	Ave. Tot.	Ave. Max	Ave. Min	Ave. Tot.	Ave. Days	65.0	Percent																			
<b>NORMALS</b>		50.25		28.88		21.37	39.56		41.58	1.11	1.17	2.88	0.40	0.09	5.3	4.5	61.0	Percent																			
<b>DEPARTURES</b>		1.18		1.99		-0.81	1.59		2.28	0.10	0.07	1.54	0.25	0.05	-3.7	-3.3	4.0	Percent																			
<b>Max ≥70°F</b>	<b>Dates</b>	73.8		46.9		36.9	60.4	20.6	50	<b>Whole Day</b>		1.05	0.64	0.14	1.3	1.2	<b>Precip</b>	<b>24 Hr.</b>																			
<b>3 DAYS</b>	1	Feb-01		Feb-01		Feb-28	Feb-01	Feb-20	Feb-04	<b>AVE.</b>	1.22	Feb-03	Feb-03	Feb-24	Feb-15	Feb-15	<b>Amount</b>	<b>1.08</b>																			
<b>Departure</b>	2									<b>Normal</b>	1.14						<b>Date</b>	<b>Feb.03</b>																			
<b>3 DAYS</b>	3									<b>Depart.</b>	0.09						<b>Date</b>	<b>Feb.04</b>																			
<b>MINIMUM</b>	<b>Dates</b>	28.9		8.2		4.7	18.6	-14.8	38	<b>SKY</b>	<b>AM</b>	<b>PM</b>	<b>&gt;= 0.10</b>	<b>INCHES</b>	<b>&gt;= 1.00</b>	<b>INCHES</b>	<b>&gt;= 2.00</b>	<b>INCHES</b>																			
<b>MIN≥32°F</b>	1	Feb-14		Feb-14		Feb-23	Feb-14	Feb-05	Feb-14	<b>CLEAR</b>	10	9	8	<b>DAYS</b>	1	<b>DAYS</b>	0	<b>DAYS</b>																			
<b>18</b>	2								Feb-15	<b>PT. CLO.</b>	3	4	<b>HOTTEST</b>	60.4	<b>Highest</b>	<b>Lowest</b>	<b>COOLEST</b>	18.6																			
<b>DAYS</b>	3									<b>CLO.</b>	16	16	<b>DAY</b>	2-01	<b>Mean</b>	<b>Mean</b>	<b>DAY</b>	2-14																			
<b>Departure</b>	<b>&lt;=32 °F</b>	4		<b>&lt;=32 °F</b>	18	<b>MAX.</b>	<b>&gt;=80</b>	<b>&gt;=75</b>	<b>&gt;=70</b>	<b>&gt;=65</b>	<b>&gt;=60</b>	<b>&gt;=55</b>	<b>&gt;=50</b>	<b>&gt;=45</b>	<b>&gt;=40</b>	<b>&gt;=35</b>	<b>&gt;=30</b>	<b>&gt;=25</b>	<b>&gt;=20</b>																		
<b>-1.5</b>	<b>&gt;=90°F</b>	0		<b>&gt;=70 °F</b>	3	<b>DAYS</b>	0	0	3	7	8	11	14	21	24	25	28	29	29																		

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Feb 2016 West Henrico Co. - Glen Allen Weather Center 37.6537° N. 77.5693° W. - Koontz																				
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Feb 2016	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE												
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG	R	DEW	FROST		
Feb-01			114.9	21	16:05	95	46	30.08	29.84	29.96	0.10						N			
Feb-02			70.3	16	8:42	95	50	30.35	30.08	30.22	0.25						P			
Feb-03	1348	1835	51.0	27	13:07	100	73	30.26	29.86	30.06	-0.15				2		P			
Feb-04	0425	0500	100.4	20	9:23	100	60	30.11	29.90	30.01	-0.06				1		P			
Feb-05	0155	0635	78.9	22	11:29	93	37	30.43	30.06	30.25	0.24			1			P			
Feb-06			13.4	13	12:25	93	31	30.51	30.27	30.39	0.15							4		
Feb-07			73.5	19	13:38	87	41	30.28	29.84	30.06	-0.33							1		
Feb-08	2020	2400	38.0	15	18:16	91	37	29.84	29.63	29.74	-0.33							2		
Feb-09	1304	1308	42.8	20	20:10	99	53	29.75	29.56	29.66	-0.08		1	1			P			
Feb-10			76.9	21	20:29	88	33	30.03	29.74	29.89	0.23			1				P		
Feb-11			61.6	21	11:25	56	24	30.36	30.02	30.19	0.31							N		
Feb-12			29.2	13	15:11	71	38	30.36	30.02	30.19	0.00			1				N		
Feb-13			100.0	25	4:57	76	23	30.49	30.03	30.26	0.07							N		
Feb-14			30.5	15	21:55	77	27	30.61	30.49	30.55	0.29			1				3		
Feb-15	1525	2400	15.7	9	2:22	95	77	30.54	30.02	30.28	-0.27	1		2	1			P		
Feb-16	0130	0630	54.6	20	8:18	99	47	30.02	29.56	29.79	-0.49	1			1			P		
Feb-17	2025	2030	35.4	15	19:45	95	35	30.32	29.89	30.11	0.32							3		
Feb-18			49.8	17	13:19	92	32	30.58	30.31	30.45	0.34							4		
Feb-19			60.5	25	22:51	79	29	30.63	30.21	30.42	-0.02							3		
Feb-20			149.6	29	5:06	74	38	30.22	29.98	30.10	-0.32							N		
Feb-21			46.7	13	10:41	98	58	30.01	29.87	29.94	-0.16							2		
Feb-22			63.8	16	0:58	99	70	30.19	29.93	30.06	0.12							P		
Feb-23	1325	1425	90.0	18	6:20	100	76	30.16	30.02	30.09	0.03				1			P		
Feb-24	1015	1035	128.4	36	18:02	100	54	30.02	29.32	29.67	-0.42				3	1		P		
Feb-25			186.0	41	2:06	67	38	29.83	29.39	29.61	-0.06							N		
Feb-26			70.9	20	16:24	82	29	30.24	29.83	30.04	0.42							2		
Feb-27			38.2	19	14:43	88	35	30.26	30.11	30.19	0.15							4		
Feb-28			129.3	25	14:18	81	28	30.14	29.89	30.02	-0.17							2		
Feb-29			137.9	34	10:35	57	24	30.06	29.75	29.91	-0.11							N		
TOTAL NUMBER	Feb. Wind Run		2138.2	605		2527	1243	876.68	867.42	872.05		TOTAL	2	1	6	6	1	4	7	
AVERAGE	Total		2138.2	73.7	12:31	87.1	42.9	30.23	29.91	30.07		NORMAL	1.3	1.8	4.8	2.3	0.6	2.3	9.1	
NORMALS	Miles		1885.8	66.69		83.49	38.09	30.18	29.90	30.04		DEPART.	0.8	-0.8	1.3	3.7	0.4	1.8	-2.1	
Departures	Miles		252.4	7.0		3.6	4.8	0.05	0.01	0.03		DAYS								
MAXIMUM DATES	Dates		186.0	41	SSW	100	77	30.63	30.49	30.55	0.42	GLAZE	SLEET	SNOW	FOG	R	DEW	FROST		
	1		Feb-25	Feb-25	2:06	Feb-03	Feb-15	Feb-19	Feb-14	Feb-14	Feb-26									
	2					Feb-04														
	3					Feb-23														
	4					Feb-24														
MINIMUM DATES	Dates		13.4	9		56	23	29.75	29.32	29.61	-0.49	3. Moderate - Ave. 2. Light - < Ave. 1. Very Light - Slight - Trace M - Event with intensity missing								
	1		Feb-06	Feb-15		Feb-11	Feb-13	Feb-24	Feb-24	Feb-25	Feb-16									
	2																			
MIN. Days		≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35	≤ 30	≤ 25	≤ 20	≤ 15	≤ 10	≤ 5	≤ 0			
		29	29	29	29	29	29	27	20	18	15	10	4	2	1	0	0			

Feb 2016	REMARKS FOR THE MONTH February - 2016
Feb-01 Feb-02 Feb-03 Feb-04 Feb-05	WIND PREVENTED DEW-WARMEST DAY SINCE DEC. 27, 2015 WHEN IT WAS 75.7°F -CLOUDS CAME IN AT ABOUT 1300 CLOUDS CAME IN AT AROUND 1330 AND WAS CLOUDY UNTIL SUNSET IT RAINED BEFORE CHECKING DEW WHICH WAS THOUGHT TO BE RATED 1-MAX. RAIN RATE 1.72 INS./HR AT 1422-3RD PD. RAIN 2230-2400 BUT ONLY .01 INS. 3RD PD. OF PRECIP. 2100-2400 CLEARING STARTED AT 1115 AND CLEAR BY 1215-SCATTERED PM CUMULUS UNTIL 1445 THEN VERY CLEAR
Feb-06 Feb-07 Feb-08 Feb-09 Feb-10	SUN THROUGH CIRRUS ALL DAY BUT THICKER AND MORE AM COVERAGE CLOUDY ALL DAY BUT A BEAUTIFUL LAST MINUTE SUNSET-A CHILLY BREEZY DAY CLOUDS CAME IN AROUND 1030-AM WAS 20-30% CLOUDY AND PM WAS 90-95% CLOUDY A QUICK BURST OF SLEET AND GRAUPEL OCCURRED AT 1304-1308 AT A TEMP. OF 42.7°F -ANOTHER PD. OF SLEET AND GRAUPEL HARDER THAN FIRST OCCURRED AT 1348-1605 CLOUDS CAME IN ABOUT 1300 AND CLOUDY BY 1500 AND CONTINUED CLOUDY TO SUNSET
Feb-11 Feb-12 Feb-13 Feb-14 Feb-15	VERY DRY AIR - NO FROST-DRY AIR MASS HAD A LOW DEW POINT OF 0.2°F AT 1921 VERY DRY AIR - NO FROST - A QUICK AND VERY LIGHT SNOW FLURRY TODAY LOW DEW POINT OF -3.3°F AT 0104-AM HAD A FEW SCATTERED CIRRUS-PM BECAME CLOUDY WITH CIRROSTRATUS AT 1600 SHORT PDS. WITHOUT PRECIP. BUT NONE AS LONG AS ONE HOUR EXCEPT AT 1400-SNOW, FREEZING RAIN AND SLEET OBSERVED TODAY
Feb-16 Feb-17 Feb-18 Feb-19 Feb-20	MAX. GLAZE OCCURRED AT AROUND 0300 AND WAS APPROX. 0.1 INS. -A QUICK AM WARM-UP OF ABOUT 20°F FROM 0300-0630 AM CUMULUS FROM 1000-NOON ABOUT 30% CLOUDY IN AM AND PM HAD SCATTERED CUMULUS ABOUT 30% CLOUDY PM HAD A FEW SCATTERED CUMULUS BUT AM WAS VERY CLEAR UNTIL 1130 BREEZY COOL DAY PARTICULARLY THE AM WITH ALTOCUMULUS CLOUDS WINDY AND LOW REL. HUMIDITY GAVE NO DEW-CLOUDY ALL DAY UNTIL 1600 THEN MOSTLY CLEAR
Feb-21 Feb-22 Feb-23 Feb-24 Feb-25	A LITTLE SUNLIGHT THROUGH AM CLOUDS-PM MODERATE RAINFALL NO RAIN BUT A VERY CLOUDY DAY A TOTALLY CLOUDY GLOOMY DAY WITH AN ALL MORNING RAIN AND SOME FOG AND DAMP 3RD PD. OF PRECIP. 1220-1530, 4TH PD. 1705-1935-MANY TORNADO WARNINGS THIS PM BET. 1700-2100- 1ST TS OF 2016-THUNDER HEARD 3 TIMES- <b>TS RATED 1-3-4</b> VERY CLOUDY CHILLY AND WINDY DAY-5 TORNADOS CONFIRMED FOR VA
Feb-26 Feb-27 Feb-28 Feb-29	AM STRATOCUMULUS EST. AT 40-50% CLOUDY BUT MOSTLY CLEAR AFTER 1230 AND VERY CLEAR AFTER 1330-NOW 7 TORNADOS UP FROM 5 CLEAR SUNRISE TO 1030-CLOUDY TO 1145 THEN CLEAR AGAIN TO SUNSET WITH A PM OF A FEW SCATTERED CUMULUS 1330-1445- <b>TORNADO COUNT IN VA NOW RAISED TO 8</b> WARM-UP IN THE MAKING AND A VERY CLEAR DAY The AM WAS PARTLY CLOUDY BUT CLEARING OCCURRED AT 1000 AND IT WAS A BEAUTIFUL CLEAR AND WARM AFTERNOON.
DATE	EXTENSION OF LENGTHY DAILY REMARKS
	Page 4 EXTENSION OF LENGTHY DAILY RECORDS
Feb-29	The maximum temperature on the 29th was 70.2°F, a new 7 year daily HIGH maximum temperature record for the date - the old record was 61°F in 2012.  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 <a href="http://www.glenallenweather.com/upload/glenallencclimate/log/2016/2016_Obs_Rules.pdf">www.glenallenweather.com/upload/glenallencclimate/log/2016/2016_Obs_Rules.pdf</a>




West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz  
DAILY RECORDS FOR THE MONTH

DAYS MISSING IN COLUMN 41 HAD NO RECORDS & WERE DELETED TO ADD ROOM FOR ADDITIONAL RECORDS  
The Glen Allen Station had 37 Records or Record Ties in FEBRUARY 2016

1	The maximum temperature on the 1st was 73.8°F, a new 7 year daily HIGH maximum temperature record for the date - the old record was 72°F in 2012. The daily precipitation on the 1st was 0.2 inches a new 7 year HIGH daily precipitation record for the date - the old record was 0.07 inches in 2011.
2	The daily temperature range on the 2nd was 12.9°F, a new 7 year LOW daily temperature range record for the date - the old record was 15°F in 2010.
3	The minimum temperature on the 3rd was 41.9°F, a new 7 year warm daily minimum temperature record for the date - the old record was 33°F in 2014. The maximum temperature on the 3rd was 68°F, a new 7 year daily HIGH maximum temperature record for the date - the old record was 55°F in 2012. The daily temperature range on the 3rd was 26.1°F a new 7 year HIGH daily temperature range record for the date - the old record was 24°F in 2012.
4	The maximum temperature on the 4th was 61.6°F, a new 7 year daily HIGH maximum temperature record for the date - the old record was 56.5°F in 2015. The minimum temperature on the 4th was 40.3°F, a new 7 year warm daily minimum temperature record for the date - the old record was 35°F in 2012.
5	
6	
7	
8	
9	The daily greatest snow on the 9th was a trace and is a new 7 year daily greatest snow record for the date - the old record has no snow for this date.
10	
11	The minimum temperature on the 11th was 18.9°F a new 7 year LOW daily minimum temperature record for the date - the old record was 20°F in 2011. The maximum temperature on the 11th was 35.3°F, a new 7 year cold daily maximum temperature record for the date - the old record was 36°F in 2014.
12	The minimum temperature on the 12th was 16.6°F a new 7 year LOW daily minimum temperature record for the date - the old record was 18°F in 2014 and 2012.
13	The minimum temperature on the 13th was 13°F a new 7 year LOW daily minimum temperature record for the date - the old record was 15.1°F in 2015. The maximum temperature on the 13th was 30.8°F, a new 7 year cold daily maximum temperature record for the date - the old record was 31.2°F in 2015.
14	The minimum temperature on the 14th was 8.2°F a new 7 year LOW daily minimum temperature record for the date - the old record was 19.7°F in 2015. The daily precipitation on the 14th was 0.01 inches and EQUALED the 7 year HIGH daily precipitation record for the date - the old record was set in 2015. The maximum temperature on the 14th was 28.9°F, a new 7 year cold daily maximum temperature record for the date - the old record was 45°F in 2010. The daily greatest snow on the 14th was 0.1 inches and EQUALED the 7 year HIGH daily greatest snow record for the date - the old record was set in 2015.
*	The minimum temperature last night was 8.2°F the lowest minimum temperature since February 20, 2015 when the minimum temperature was -1.2°F.
15	The daily temperature range on the 15th was 12.9°F, a new 7 year LOW daily temperature range record for the date - the old record was 14.9°F in 2015. The daily precipitation on the 15th was 0.40 inches a new 7 year HIGH daily precipitation record for the date - the old record was 0.14 inches in 2014 and 2010. The daily greatest snow on the 15th was 1.3 inches and is a new 7 year daily greatest snow record for the date - the old record was 0 inches.
16	
17	
18	
19	
20	The minimum temperature on the 20th was 44.9°F, a new 7 year warm daily minimum temperature record for the date - the old record was 35°F in 2014. The maximum temperature on the 20th was 66.1°F, a new 7 year daily HIGH maximum temperature record for the date - the old record was 56°F in 2014 and 2011.
21	The minimum temperature on the 21st was 46.1°F, a new 7 year warm daily minimum temperature record for the date - the old record was 40°F in 2014. The daily temperature range on the 21st was 21.4°F, a new 7 year LOW daily temperature range record for the date - the old record was 21.7°F in 2015.
22	The minimum temperature on the 22nd was 44.4°F, a new 7 year warm daily minimum temperature record for the date - the old record was 42°F in 2012.
23	The daily temperature range on the 23rd was 4.7°F, a new 7 year LOW daily temperature range record for the date - the old record was 8°F in 2013. The daily precipitation on the 23rd was 0.81 inches a new 7 year HIGH daily precipitation record for the date - the old record was 0.13 inches in 2013.
24	The daily precipitation on the 24th was 0.65 inches a new 7 year HIGH daily precipitation record for the date - the old record was 0.16 inches in 2011.
25	The minimum temperature on the 25th was 41.4°F, a new 7 year warm daily minimum temperature record for the date - the old record was 37°F in 2011. The daily temperature range on the 25th was 15.9°F, a new 7 year LOW daily temperature range record for the date - the old record was 17°F in 2014 and 2010.
26	
27	The minimum temperature on the 27th was 20.6°F a new 7 year LOW daily minimum temperature record for the date - the old record was 25°F in 2014.
28	The daily temperature range on the 28th was 31.9°F a new 7 year HIGH daily temperature range record for the date - the old record was 28°F in 2011.
29	The minimum temperature on the 29th was 52.3°F, a new 7 year warm daily minimum temperature record for the date - the old record was 40°F in 2012. The daily temperature range on the 29th was 28.2°F a new 7 year HIGH daily temperature range record for the date - the old record was 21°F in 2012.

PAGE #1																					
Feb 2017 West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.5693° W. - Koontz																					
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19																					
Feb 2017	Week Day	TEMPERATURE °F				TEMPERATURE °F				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	Wed	55.2	14:43	36.6	5:34	18.6	45.9	2.7	43	2	2	T	T	T			2015	2030			
Feb-02	Tue	55.1	13:40	35.9	7:35	19.2	45.5	-0.4	44	2	0	T	T	T			0100	0125			
Feb-03	Wed	37.2	15:01	28.1	4:25	9.1	32.7	-12.9	43	2	2										
Feb-04	Thu	42.5	15:10	18.6	7:22	23.9	30.55	-2.1	40	0	0										
Feb-05	Fri	56.1	14:33	30.4	3:48	25.7	43.3	12.7	40	2	0										
Feb-06	Sat	66.4	14:09	33.2	1:52	33.2	49.8	6.6	41	0	0										
Feb-07	Sun	74.4	14:01	55.1	0:01	19.3	64.8	15.0	45	2	2										
Feb-08	Mon	75.6	13:46	57.0	7:47	18.6	66.3	1.6	49	1	2	T	T	T			2355	2400			
Feb-09	Tue	59.1	0:21	26.5	23:58	32.6	42.8	-23.5	51	1	2	0.09	0.05	0.01			0001	0055			
Feb-10	Wed	42.1	23:49	19.1	4:47	23.0	30.60	-12.2	44	2	2										
Feb-11	Thu	62.5	16:23	42.1	0:01	20.4	52.3	21.7	44	2	2										
Feb-12	Fri	83.3	14:51	47.6	0:38	35.7	65.5	13.2	46	2	1	0.05	0.05	0.02			1620	1740			
Feb-13	Sat	55.7	15:21	31.9	23:56	23.8	43.8	-21.7	48	0	0										
Feb-14	Sun	48.3	11:04	26.5	4:00	21.8	37.4	-6.4	45	2	2										
Feb-15	Mon	54.6	15:31	28.7	23:56	25.9	41.7	4.3	46	2	2	0.29	0.13	0.02			0040	0115			
Feb-16	Tue	46.0	14:54	27.1	23:58	18.9	36.6	-5.1	43	2	0	T	T	T	T	None	1105	1110			
Feb-17	Wed	62.2	15:26	23.8	2:31	38.4	43.0	6.5	42	1	0										
Feb-18	Thu	74.5	14:19	32.5	6:42	42.0	53.5	10.5	44	1	2	T	T	T			2320	2400			
Feb-19	Fri	74.7	13:53	46.3	7:11	28.4	60.5	7.0	47	0	1	T	T	T			0001	0010			
Feb-20	Sat	71.1	14:29	38.2	7:15	32.9	54.7	-5.9	48	0	0										
Feb-21	Sun	59.6	15:37	38.6	6:50	21.0	49.1	-5.6	49	2	2										
Feb-22	Mon	57.6	13:28	44.9	1:21	12.7	51.3	2.2	50	2	2	0.01	T	T			0903	1650			
Feb-23	Tue	76.3	13:55	52.1	3:57	24.2	64.2	13.0	50	2	0	T	T	T			0010	0045			
Feb-24	Wed	76.6	14:21	52.3	7:05	24.3	64.5	0.2	52	0	1										
Feb-25	Thu	78.4	13:42	47.0	23:59	31.4	62.7	-1.7	55	2	2	0.01	0.01	T			1445	1508			
Feb-26	Fri	53.2	15:09	31.3	7:12	21.9	42.3	-20.5	52	0	0										
Feb-27	Sat	60.6	14:55	28.9	5:32	31.7	44.8	2.5	49	2	2										
Feb-28	Sun	72.0	14:03	46.1	7:09	25.9	59.1	14.3	50	0	2	0.09	0.05	0.01			1755	2050			
TOTAL NUMBER		1731		1026		704.5	1378.7	15.9	1300	36	33	0.54	0.29	0.06	T	0	Col.26-27				
AVERAGE		61.82	14:18	36.66	8:13	25.16	49.24		46.43	1.29	1.18	Ave. Tot.	Ave. Max	Ave. Min	Ave. Tot.	Ave. Days	60.3	Percent			
NORMALS		50.25		28.88		21.37	39.56		41.58	1.11	1.17	2.88	0.40	0.09	5.3	4.5	61.0	Percent			
DEPARTURES		11.57		7.78		3.79	9.67		4.84	0.18	0.01	-2.34	-0.27	-0.07	-5.3	-4.5	-0.7	Percent			
MaxTemps. >= 70°F		83.3	Ave.HighMax	57.0	Ave.HighMin	42	66.3	21.7	55	Whole Day		0.29	0.13	0.02	T	0.0	Precip	24 Hr.			
2017 10		Feb-12	73.6	Feb-08	49.1	Feb-18	Feb-08	Feb-11	Feb-25	AVE.		1.23	Feb-15	Feb-15	Feb-12	Feb-16	Amount	0.29			
Ave. 2.1			Dep.		Dep.					Normal		1.14		Feb-15			Date	Feb 15			
Departure 7.9			9.7		7.9					Depart.		0.09					Date				
MinTemps. <= 32°F		37.2	Ave.LowMax	18.6	Ave.LowMin	9.1	30.55	-23.5	40	SKY		AM	PM	>= 0.10	INCHES	>= 1.00	INCHES	>= 2.00	INCHES		
2017 12		Feb-03	32.6	Feb-04	13.9	Feb-03	Feb-04	Feb-09	Feb-04	CLEAR	8	10	1		DAYS	0		DAYS	0		DAYS
Ave. 19.5			Dep.		Dep.				Feb-05	PT. CLO.	4	3	HOTTEST		66.3	Highest	Lowest	COOLEST		30.6	
Departure -7.5			4.6		4.7					CLO.	16	15	DAY		2-08	Mean	Mean	DAY		2-04	
Days Max. <=32°F		0		MAX.	>=85	>=80	>=75	>=70	>=65	>=60	>=55	>=50	>=45	>=40	>=35	>=30	>=25	>=20			
Days Max. >=90°F		0		DAYS	0	1	5	10	11	15	19	23	25	27	28	28	28	28			

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Feb 2017 West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.5693° W. - Koontz																				
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Feb 2017	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE												
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE	GLAZE	SLEET	SNOW	FOG	R	DEW	FROST		
Feb-01	2125	2130	12.8	9	13:06	76	45	30.08	29.94	30.01	0.10						N			
Feb-02			31.3	15	19:47	93	37	30.26	30.08	30.17	0.16						3			
Feb-03			10.2	11	23:44	74	42	30.37	30.18	30.28	0.10							N		
Feb-04			17.0	12	0:03	75	24	30.56	30.33	30.45	0.17							3		
Feb-05			68.8	22	11:43	80	37	30.33	29.94	30.14	-0.31							N		
Feb-06			32.0	15	15:10	89	31	30.21	30.03	30.12	-0.01						3	1		
Feb-07			204.3	36	14:25	75	46	30.03	29.67	29.85	-0.27						N			
Feb-08			54.7	23	2:31	85	34	29.72	29.58	29.65	-0.20						N			
Feb-09	0220	0635	119.9	33	5:37	95	30	30.30	29.42	29.86	0.21					1	P			
Feb-10			52.7	18	23:31	71	26	30.47	30.07	30.27	0.41							3		
Feb-11			91.9	22	11:38	80	39	30.08	29.94	30.01	-0.26						N			
Feb-12			89.7	29	12:42	88	40	30.01	29.62	29.82	-0.19						N			
Feb-13			95.1	30	2:50	64	19	30.10	29.84	29.97	0.15						N			
Feb-14			44.8	20	11:10	84	35	30.11	29.74	29.93	-0.05							4		
Feb-15	0200	1000	43.0	27	16:22	96	31	29.74	29.46	29.60	-0.32						P			
Feb-16			49.6	23	14:39	74	28	29.97	29.71	29.84	0.24			1				N		
Feb-17			23.9	15	13:51	75	28	30.02	29.84	29.93	0.09							1		
Feb-18			49.7	24	14:31	87	23	29.94	29.80	29.87	-0.06						2			
Feb-19			44.8	15	2:35	80	38	30.08	29.82	29.95	0.08						N			
Feb-20			34.8	16	10:03	92	30	30.30	30.08	30.19	0.24						3			
Feb-21			34.5	12	12:11	86	40	30.35	30.12	30.24	0.05						2			
Feb-22			53.6	13	12:36	94	76	30.13	29.94	30.04	-0.20						2			
Feb-23	0635	0745	71.0	23	12:12	98	46	29.96	29.85	29.91	-0.13						P			
Feb-24			60.1	21	13:46	98	47	29.96	29.79	29.88	-0.03						4			
Feb-25			118.8	32	10:59	93	44	29.86	29.46	29.66	-0.22					1	3			
Feb-26			43.9	17	12:06	74	26	30.32	29.86	30.09	0.43							2		
Feb-27			29.9	16	12:07	84	26	30.48	30.32	30.40	0.31							3		
Feb-28	2145	2335	40.4	19	13:51	97	51	30.37	30.04	30.21	-0.20						1			
TOTAL NUMBER	Feb. Wind Run		1623.2	568	28	2357	1019	844.11	836.47	840.29	DAYS	0	0	1	0	2	9	7		
AVERAGE	Total	1623.2	58.0	20.3	12:08	84.2	36.4	30.15	29.87	30.01	Normal	1.3	1.8	4.8	2.4	0.6	2.3	9.1		
NORMALS	Miles	1885.8	66.69	20.53		83.49	38.09	30.18	29.90	30.04	Rating	0	0	1	0	2	23	17		
Departures	Miles	-262.6	-8.7	-0.2		0.7	-1.7	-0.04	-0.02	-0.03	Intensity	GLAZE	SLEET	SNOW	FOG	R	Dew	Frost		
MAXIMUM DATES	Dates		204.3	36	SSW	98	76	30.56	30.33	30.45	0.43									
	1		Feb-07	Feb-07	14:25	Feb-23	Feb-22	Feb-04	Feb-04	Feb-04	Feb-26									
	2																			
	3																			
	4																			
Min. Temps. >= 70°F	Dates		10.2	9	37.1	64	19	29.72	29.42	29.60	-0.32									
2017	0		Feb-03	Feb-01	Dep.	Feb-13	Feb-13	Feb-08	Feb-08	Feb-15	Feb-15									
Ave.	0.3																			
Departure	-0.3																			
	1																			
	2																			
Days Min. <=32 °F	12		MIN.	≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35	≤ 30	≤ 25	≤ 20	≤ 15	≤ 10			
Days Min >=70°F	0		Days	28	28	28	28	27	24	20	18	14	10	3	2	0	0			

Feb 2017	REMARKS FOR THE MONTH February - 2017
Feb-01	CLOUDY AM AND CLEARING STARTED AT 1315 AND CLEAR BY 1415
Feb-02	CLOUDY COLD DAY WITH A LOW DEW POINT OF 15.7°F WITH A SKY THAT LOOKED LIKE SNOW BUT NO PRECIP.
Feb-03	ROOFS SHOWED MORE FROST THAN SKY MIRROR-VERY DRY AIR WITH A DEW POINT OF 6.2°F AT 1817-CLOUDS CAME IN AT 1545 AND MOSTLY CLOUDY TO SUNSET
Feb-04	LOW DEW POINT OF 11.9°F AND BREEZY YIELDING NO FROST -AM REL. HUMIDITY 51% AND CLEAR FROM 1130-SUNSET-ONLY A FEW CIRRUS TODAY
Feb-05	MUCH WARMER TODAY AND A BEAUTIFUL FEB. DAY WITH CLEAR SKY LIGHT BREEZE AND LOW REL. HUMIDITY
Feb-06	AM REL. HUM. 64% & BREEZY-SUN THROUGH THIN CLOUDS WITH BROKEN OVERCAST-BROKE THE RICHMOND HIGH TEMP. REC. TODAY OF 70°F AT THE AIRPORT-THEIR TEMP. WAS 74°F
Feb-07	YESTERDAY WAS WINDIEST DAY SINCE OCT. 9, 2016 WHEN WIND RUN WAS 206.8 MILES -AM CLEAR EXCEPT FOR THIN CIRRUS UNTIL NOON & CIRROSTRATUS BEFORE 0900
Feb-08	STRONG COLD FRONT PASSED AROUND 0500-THUNDER OCCURRED AT 1225, 1233, AND ABOUT 4 OTHER TIMES-VIRGA SEEN TODAY BUT NO FLURRIES-PM EST. TO BE 60% CLOUDY
Feb-09	SUN THROUGH CIRRUS ONLY FROM 0930-NOON-VERY LOW DEW POINT OF 5.6°F AT 018
Feb-10	SUNRISE REL. HUM. A LOW 45%-MUCH WARMER BUT CLOUDY ALL DAY WITH ONLY A FEW BREAKS IN CLOUDS
Feb-11	EXTREME HEAT FOR MID FEB. OF 83.3°F -AIRPORT HAD 82°F AS A MAX.-SUN THROUGH CIRRUS 1230-1500
Feb-12	MORNING REL. HUM. ONLY 49% & DROPPED TO 19% AT 1423-CLEAR ALL DAY AND BREEZY
Feb-13	FROST ON DECK-CLOUDY, BREEZY DAY AFTER EXTREME WARMTH OF 12TH
Feb-14	3RD PD. OF SPRINKLES 1405-1435-COLD FRONT PASSED AT 1400-CLEARING AFTER 1600
Feb-15	LIGHTEST OF SNOW FLURRIES FROM 1105-1110 & SUN WAS OUT DURING PART OF FLURRY-CLEARING STARTED AT 1300 & CLEAR BY 1430-PM EST. 55-65% CLOUDY
Feb-16	VERY LIGHT FROST -RAPID CLEARING AFTER 1000 AND ONLY SCATTERED CIRRUS REST OF DAY TO 1645 THEN CIRROSTRATUS COVERED NORTHERN SKY
Feb-17	VERY WARM FOR FEB.-SUN THROUGH CIRRUS IN AM AND AFTER 1500 CIRROSTRATUS BLOCKED SUN
Feb-18	FEW EARLY AM CLOUDS AND THEN CLEAR TO 1230-CIRRUS BECAME CUMULUS AND A BEAUTIFUL FEB. DAY-WARMTH IS INCREDIBLE FOR THIS TIME OF YEAR
Feb-19	ONLY A FEW THIN CIRRUS ALL DAY-CHERRY TREES BLOOMING, GRASS GREENING & WILLOW TREES ARE LEAFING
Feb-20	THIN CIRRUS IN AM AND CIRROSTRATUS IN PM AND AVERAGED 80% COVERAGE OF SKY
Feb-21	PRECIP. DURING PERIOD GIVEN WAS ONLY OCCASIONAL SPRINKLES THAT OCCURRED DURING MUCH OF DAY
Feb-22	ANOTHER REC. WARM DAY-AIRPORT HAD 75°F AND TIED 120 YR. RECORD
Feb-23	VERY CLEAR UNTIL 1115 THEN SCATTERED CUMULUS TO SUNSET-VERY WARM FOR FEB.
Feb-24	AM WAS ABOUT 65-70% CLOUDY-TS PASSED TO SE GIVING US VERY LITTLE PRECIP. BUT HAIL OCCURRED IN RICHMOND AND CHESTERFIELD-WARMTH IS CAUSING ORNAMENTAL
Feb-25	NO CLOUDS SEEN ALL DAY AND MUCH COOLER AFTER STRONG COLD FRONT PASSAGE OF YESTERDAY
Feb-26	CLOUDY ALL DAY WITH SOME WEAK SUN THROUGH MAINLY ALTOSTRATUS AND MUCH WARMER
Feb-27	WARMTH CONTINUES WITH A HIGH TEMP. IN 70'S WHICH IS 10TH DAY OF MONTH WITH 70 OR 70+ TEMPS. - CLEAR SKIES FROM SUNRISE TO 1045 WITH ONLY A FEW CIRRUS
Feb-28	
DATE	EXTENSION OF LENGTHY DAILY REMARKS
Feb-08	THICKER CLOUDS OF STRATOCUMULUS AND THEN CUMULUS IN PM-3 BUNCHES OF DAFFODILS WERE OBSERVED BLOOMING TODAY
Feb-12	A NEW REC. MAX. AT GLEN ALLEN FOR FEB. - PREVIOUS REC. WAS 81°F ON FEB. 24, 2012
Feb-25	PEARS TO BLOOM, RED MAPLES BUDDING, FORSYNTHIA, HYACINTHS, CHERRY TREES, STAR MAGNOLIAS, FLOWERING MAGNOLIAS, QUINCE, PEACH TREE

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

[Rules for Making Observations in 2018](#)

West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz  
DAILY RECORDS FOR THE MONTH

DAYS MISSING IN COLUMN 41 HAD NO RECORDS & WERE DELETED TO ADD ROOM FOR ADDITIONAL RECORDS  
The Glen Allen Station had 29 Records or Record Ties in FEBRUARY 2016

1	
2	
3	The maximum temperature on the 3rd was 37.2°F, a new 8-year cold daily maximum temperature record for the date - the old record was 40°F in 2010 .
4	The minimum temperature on the 4th was 18.6°F, a new 8-year LOW daily minimum temperature record for the date - the old record was 21°F in 2009.
5	The daily temperature range on the 5th was 25.7°F, a new 8-year HIGH daily temperature range record for the date - the old record was 24.8°F in 2015.
6	The maximum temperature on the 6th was 66.4°F, a new 8-year daily HIGH maximum temperature record for the date - the old record was 57°F in 2013. The minimum temperature on the 6th was 33.2°F, a new 8-year warm daily minimum temperature record for the date - the old record was 29°F in 2014 and 2013.
7	The minimum temperature on the 7th was 55.1°F, a new 8-year warm daily minimum temperature record for the date - the old record was 31°F in 2012. The maximum temperature on the 7th was 74.4°F, a new 8-year daily HIGH maximum temperature record for the date - the old record was 70°F in 2009. *Comment-The wind run today was 204.3 miles making it the windiest day since Oct. 9, 2016 when the wind run was 206.8 miles.
8	The minimum temperature on the 8th was 58.2°F, a new 8-year warm daily minimum temperature record for the date - the old record was 49°F in 2009. The maximum temperature on the 8th was 75.6°F, a new 8-year daily HIGH maximum temperature record for the date - the old record was 74°F in 2009.
9	The maximum temperature on the 9th was 59.1°F, a new 8-year daily HIGH maximum temperature record for the date - the old record was 58.9°F in 2015. The daily temperature range on the 9th was 32.6°F, a new 8-year HIGH daily temperature range record for the date - the old record was 25.2°F in 2015.
10	The minimum temperature on the 10th was 19.1°F, a new 8-year LOW daily minimum temperature record for the date - the old record was 22°F in 2013.
11	
12	The maximum temperature on the 12th was 83.3°F, a new 8-year daily HIGH maximum temperature record for the date - the old record was 66°F in 2009. *Comment - The 83.3°F was the highest temperature ever recorded at Glen Allen in February; the previous record was 81°F on February 24, 2012. *Comment - The 82°F at the Richmond International Airport was the highest temperature on record in February since February 15, 1989 when it was also 82°F. The minimum temperature on the 12th was 47.6°F, a new 8-year warm daily minimum temperature record for the date - the old record was 45°F in 2009. The daily temperature range on the 12th was 35.7°F, a new 8-year HIGH daily temperature range record for the date - the old record was 32°F in 2011.
13	
14	
15	
16	
17	The daily temperature range on the 17th was 38.4°F, a new 8-year HIGH daily temperature range record for the date - the old record was 29°F in 2011.
18	The daily temperature range on the 18th was 42°F, a new 8-year HIGH daily temperature range record for the date - the old record was 32°F in 2014 and 2013.
19	The maximum temperature on the 19th was 74.7°F, a new 8-year daily HIGH maximum temperature record for the date - the old record was 69°F in 2014. The minimum temperature on the 19th was 46.3°F, a new 8-year warm daily minimum temperature record for the date - the old record was 43°F in 2014.
20	The maximum temperature on the 20th was 71.1°F, a new 8-year daily HIGH maximum temperature record for the date - the old record was 66.1°F in 2016. The daily temperature range on the 20th was 32.9°F, a new 8-year HIGH daily temperature range record for the date - the old record was 29°F in 2011.
21	The daily temperature range on the 21st was 21.0°F, a new 8-year LOW daily temperature range record for the date - the old record was 21.4°F in 2012 and 2010.
22	The minimum temperature on the 22nd was 44.9°F, a new 8-year warm daily minimum temperature record for the date - the old record was 44.4°F in 2016.
23	The minimum temperature on the 23rd was 52.1°F, a new 8-year warm daily minimum temperature record for the date - the old record was 44°F in 2012. The maximum temperature on the 23rd was 76.3°F, a new 8-year daily HIGH maximum temperature record for the date - the old record was 71°F in 2012.
24	The minimum temperature on the 24th was 52.6°F, a new 8-year warm daily minimum temperature record for the date - the old record was 45°F in 2012.
25	The minimum temperature on the 25th was 47.0°F, a new 8-year warm daily minimum temperature record for the date - the old record was 41.4°F in 2016. The maximum temperature on the 25th was 78.4°F, a new 8-year daily HIGH maximum temperature record for the date - the old record was 71°F in 2011.
26	
27	The daily temperature range on the 27th was 31.7°F, a new 8-year HIGH daily temperature range record for the date - the old record was 28°F in 2012.
28	

PAGE #1		Feb 2018		West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.5693° W. - Koontz																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Feb 2018	Week Day	TEMPERATURE °F				TEMPERATURE °F				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	Thu	59.6	15:14	36.1	3:22	23.5	47.9	18.6	42	2	2									
Feb-02	Tue	53.1	0:09	17.2	23:59	35.9	35.2	-12.7	44	2	0	0.11	0.08	0.02				0005	0520	
Feb-03	Wed	38.5	14:54	12.5	6:52	26.0	25.5	-9.7	43	0	0									
Feb-04	Thu	35.2	15:09	30.8	3:59	4.4	33.0	7.5	41	2	2	0.75	0.34	0.05				0700	0725	
Feb-05	Fri	43.6	13:56	28.9	23:45	14.7	36.3	3.3	41	0	0									
Feb-06	Sat	56.7	14:56	27.7	7:28	29.0	42.2	6.0	41	2	2									
Feb-07	Sun	45.8	14:31	34.3	6:19	11.5	40.1	-2.2	41	2	2	0.17	0.06	0.01				0205	0330	
Feb-08	Mon	42.4	15:13	27.4	23:20	15.0	34.9	-5.2	42	0	0									
Feb-09	Tue	52.4	15:03	25.3	6:58	27.1	38.9	4.0	42	2	2									
Feb-10	Wed	53.5	22:25	34.7	3:02	18.8	44.1	5.3	42	2	2	1.06	0.40	0.12				0805	0810	
Feb-11	Thu	70.9	15:20	52.7	0:47	18.2	61.8	17.7	44	2	2	0.58	0.35	0.02				0001	0705	
Feb-12	Fri	66.8	0:01	34.4	22:32	32.4	50.6	-11.2	48	2	2	0.19	0.15	0.02				0150	0155	
Feb-13	Sat	39.6	14:44	33.3	3:01	6.3	36.5	-14.2	47	2	2	0.01	0.01	T				1018	1020	
Feb-14	Sun	61.2	15:29	36.4	7:11	24.8	48.8	12.4	46	2	2									
Feb-15	Mon	74.7	15:23	52.7	0:01	22.0	63.7	14.9	46	2	2	0.01	0.01	T				0050	0140	
Feb-16	Tue	66.9	0:03	42.2	23:59	24.7	54.6	-9.2	49	2	2	0.07	0.04	0.01				0830	1110	
Feb-17	Wed	43.0	12:45	31.5	7:15	11.5	37.3	-17.3	49	2	2	0.31	0.17	0.03				1350	1355	
Feb-18	Thu	56.0	15:14	31.1	6:56	24.9	43.6	6.3	47	1	0									
Feb-19	Fri	52.1	17:04	39.1	2:52	13.0	45.6	2.1	47	2	2	0.15	0.10	0.02				0508	0840	
Feb-20	Sat	78.0	14:40	51.5	0:01	26.5	64.8	19.2	47	1	0									
Feb-21	Sun	80.3	14:19	61.0	0:57	19.3	70.7	5.9	51	2	0									
Feb-22	Mon	67.7	12:06	46.0	23:51	21.7	56.9	-13.8	53	2	2	T	T	T				2312	2330	
Feb-23	Tue	51.0	21:05	41.3	6:28	9.7	46.2	-10.7	53	2	2	0.01	T	T				0135	0312	
Feb-24	Wed	72.9	14:59	47.4	1:43	25.5	60.2	14.0	52	2	2	0.03	0.03	0.01				1500	1505	
Feb-25	Thu	66.3	14:27	52.0	1:28	14.3	59.2	-1.0	53	2	2	T	T	T				1015	1025	
Feb-26	Fri	56.2	2:26	37.2	23:54	19.0	46.7	-12.5	53	2	2	0.06	0.03	0.01				0245	1500	
Feb-27	Sat	59.9	15:05	29.6	6:53	30.3	44.8	-2.0	52	0	0									
Feb-28	Sun	61.3	14:16	42.2	2:59	19.1	51.8	7.0	51	2	2									
TOTAL		1606		1037		569.1	1321.1	22.5	1307	46	40	3.51	1.77	0.32	0	0		Col.26-27		
NUMBER		28	28	28	28	28	28	28	28	28	28	14	13	11	0	0		DAILY AVE RH		
AVERAGE		57.34	13:14	37.02	8:59	20.33	47.18		46.68	1.64	1.43	Ave. Tot.	Ave. Max	Ave. Max	Ave.Tot.	Ave. Days		77.2	Percent	
NORMALS		52.27		30.75		21.51	41.51		42.67	1.18	1.22	2.95	0.37	0.09	3.9	3.6		63.4	Percent	
DEPARTURES		5.08		6.26		-1.19	5.67		4.01	0.46	0.21	0.56	0.03	0.03	-3.9	-3.6		13.8	Percent	
Max. Temps. >= 70°F		80.3	High Max	61.0	High Min	35.9	70.7	19.2	53	Whole Day		1.06	0.40	0.12	0	0.0		Precip	24 Hr.	
2018	5	Feb-21	73.6	Feb-21	49.1	Feb-02	Feb-21	Feb-20	Feb-22	AVE.		Feb-10	Feb-10	Feb-10				Amount	1.45	
Ave.	3.2		Dep.		Dep.				Feb-23	Normal								Date	Feb. 09	
Departure	1.8		6.7		11.9				Feb-25	Depart.								Date	Feb. 10	
Min. Temps. <= 32°F		35.2	Low Max	12.5	Low Min	4.4	25.5	-17.3	41	SKY					>= 1.00	INCHES	>= 2.00	INCHES		
2018	10	Feb-04	32.6	Feb-03	13.9	Feb-04	Feb-03	Feb-17	Feb-04	AM	PM	>= 0.10	INCHES		>= 1.00	INCHES	>= 2.00	INCHES		
Ave.	17.4		Dep.		Dep.				Feb-05	CLEAR	4	8	8	DAYS	1	DAYS	0	DAYS		
Departure	-7.4		2.6		-1.4				Feb-06	PT. CLO.	2	0	HOTTEST	70.7	Highest	Lowest	COOLEST	25.5		
									Feb-06	CLO.	22	20	DAY	2-21	Mean	Mean	DAY	2-03		
Days Max. <=32 °F		0		MAX.	>=85	>=80	>=75	>=70	>=65	>=60	>=55	>=50	>=45	>=40	>=35	>=30	>=25	>=20		
Days Max. >=90°F		0		DAYS	0	1	2	5	9	13	16	21	22	26	28	28	28	28		

PAGE #2		Feb 2018		West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.5693° W. - Koontz												20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Feb 2018	2nd PERIOD		RUN	WIND		REL. HUMIDITY		BAROMETRIC PRESSURE				GLAZE	SLEET	SNOW	FOG	K	DEW	FROST																
	START	END		MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE																							
Feb-01			163.2	22	12:50	77	42	30.11	29.85	29.98	-0.28						N																	
Feb-02			111.4	24	13:18	93	31	30.49	29.86	30.18	0.19						P																	
Feb-03			65.6	20	16:14	85	30	30.57	30.37	30.47	0.30							3																
Feb-04	0815	1815	51.0	13	16:27	97	44	30.37	29.75	30.06	-0.41							N																
Feb-05			79.1	21	9:54	98	46	30.32	29.82	30.07	0.01							P																
Feb-06			81.7	15	10:32	86	43	30.47	30.27	30.37	0.30							3																
Feb-07	0455	0510	54.7	13	22:43	96	68	30.46	29.69	30.08	-0.29					2		P																
Feb-08			92.5	19	4:25	88	49	30.49	30.17	30.33	0.25							N																
Feb-09			61.6	17	13:35	95	51	30.56	30.35	30.46	0.13							5																
Feb-10	0850	1555	19.8	10	23:31	99	86	30.35	30.05	30.20	-0.25					3		1																
Feb-11	0900	0935	147.0	36	12:31	100	86	30.08	29.90	29.99	-0.21							P																
Feb-12	0230	0310	122.5	24	8:44	95	66	30.67	30.00	30.34	0.35							P																
Feb-13	1055	1210	65.9	12	0:38	80	61	30.81	30.59	30.70	0.36							N																
Feb-14			119.3	18	17:19	93	64	30.58	30.14	30.36	-0.34							N																
Feb-15	0230	0240	178.2	22	9:54	93	66	30.15	29.78	29.97	-0.40							P																
Feb-16	1205	2030	113.2	23	4:16	94	71	30.23	29.69	29.96	0.00							N																
Feb-17	1435	2100	66.6	18	8:52	97	62	30.38	30.06	30.22	0.26							1																
Feb-18			53.8	15	20:12	100	54	30.49	30.05	30.27	0.05					4		3																
Feb-19	1015	1120	47.4	13	0:36	97	79	30.51	30.36	30.44	0.17							P																
Feb-20			129.8	26	16:57	99	59	30.46	30.33	30.40	-0.04							4																
Feb-21			151.8	30	13:04	97	60	30.43	30.32	30.38	-0.02							4																
Feb-22			91.7	22	18:00	98	85	30.55	30.36	30.46	0.08							4																
Feb-23	0350	0405	48.5	14	1:47	98	90	30.57	30.27	30.42	-0.03							P																
Feb-24	1854	1905	89.5	18	10:51	98	70	30.28	30.04	30.16	-0.26							4																
Feb-25	1310	1315	32.9	16	10:15	100	84	30.08	29.92	30.00	-0.16					5		P																
Feb-26			31.6	10	6:32	99	76	30.34	30.02	30.18	0.18							P																
Feb-27			39.4	11	10:46	100	30	30.49	30.25	30.37	0.19							5																
Feb-28			134.3	24	12:16	74	45	30.25	29.93	30.09	-0.28							N																
TOTAL			2444.0	526		2626	1698	851.54	842.19	846.87		DAYS	0	0	0	4	0	6	5															
NUMBER		Feb. Wind Run	28	28	28	28	28	28	28	28		Normal	1.0	1.5	3.8	2.2	0.6	3.5	8.5															
AVERAGE		Total	2444.0	87.3	18.8	11:40	93.8	60.6	30.41	30.08	30.25	Depart.	-1.0	-1.5	-3.8	1.8	-0.6	2.5	-3.5															
NORMALS		Miles	1915.6	67.93	19.95	85.08	41.51	30.21	29.92	30.07		Rating	0	0	0	14	0	18	19															
Departures		Miles	528.4	19.4	-1.2	8.7	19.1	0.20	0.16	0.18		Intensity																						
	MAXIMUM	Dates	178.2	36	South	100	90	30.81	30.59	30.70	0.36	GLAZE	SLEET	SNOW	FOG	K	Dew	Frost																
	DATES	1	Feb-15	Feb-11	12:31	Feb-11	Feb-23	Feb-13	Feb-13	Feb-13	Feb-13																							
		2				Feb-18																												
		3				Feb-25																												
		4			Ave. Max.	Feb-27																												
	MINIMUM	Dates	19.8	10	37.1	74	30	30.08	29.69	29.96	-0.41																							
	DATES	1	Feb-10	Feb-10	Dep.	Feb-28	Feb-03	Feb-11	Feb-07	Feb-16	Feb-04																							
		2		Feb-26	-1.1		Feb-27	Feb-25	Feb-16																									
	Days Min. <=32 °F	10	MIN.	≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40		≤ 35	≤ 30	≤ 25	≤ 20	≤ 15	≤ 10																
	Days Min >=70°F	0	Days	28	28	28	27	27	23	21	18		14	7	3	2	1	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.



Feb 2018	REMARKS FOR THE MONTH February - 2018
Feb-01 Feb-02 Feb-03 Feb-04 Feb-05	THICK CIRRUS AND CIRROSTRATUS COVERED SKY MOST OF DAY BUT SOLAR ENERGY PASSING THROUGH CLOUDS COLD FRONT PASSED AT 0720-CLOUDY FROM SUNRISE TO 0900-THEN CLEAR REST OF DAY-COLD AND WINDY VERY CLEAR SUNNY BUT COLD DAY AND BREEZY COLD RAINY DAY AND WAS VERY CLOSE TO BECOMING A FREEZING RAIN SCHOOLS OPENED 2 HOURS LATE DUE TO BLACK ICE-CLEAR AFTER 0800 THEN VERY CLEAR DAY
Feb-06 Feb-07 Feb-08 Feb-09 Feb-10	ONLY CLEAR PD. WAS 1110-NOON-BROKEN OVERCAST MUCH OF DAY AND MUCH WARMER 6 HOURS OF LIGHT RAIN DURING DAY-3RD PD. HEAVIEST RAIN FROM 0940-1500, 4TH PD. OF RAIN 1730-1855 FROZEN RAIN ON DECK-CLOUDS CLEARED AT 0820 THEN CLEAR WITH A COLD AM BREEZE BUT A CLEAR DAY THERE WAS A THIN BUT NEARLY COMPLETE LAYER OF CIRROSTRATUS CLOUDS THAT COVERED MOST OF SKY BUT MODERATE SOLAR RADIATION THROUGH CLOUDS CLOUDS PREVENTED ALL BUT A VERY LITTLE DEW-ALL DAY RAIN-MAX. RATE 1.06 INCHES PER HR. AT 1048-3RD PD. OF HEAVY RAIN 1950-2400
Feb-11 Feb-12 Feb-13 Feb-14 Feb-15	3RD PD. OF PRECIP. 1055-1240 & HIGH WINDS TO 36 MPH-HEAVY RAIN AT 1230 3RD PD. OF RAIN 0450-0500, 4TH PD OF RAIN 0630-1120, 5TH PD. OF RAIN 1320-1455 SOME FROZEN LIQUID ON DECK-3RD PD. OF PRECIP. 1300-1305, 4TH PD. 1425-1445, 5TH PD. 1630-1850-MOSTLY SPRINKLES AND DRIZZLE TODAY MUCH WARMER TODAY WITH NO RAIN & FILTERED SUN THROUGH CIRROSTRATUS & CIRRUS-ALMOST CLEAR FROM 1430-1515-1ST DAFFODILS SEEN IN NEIGHBORHOOD ON S EXPOSURE MOSTLY CLOUDY ALL DAY-AM ALMOST 100% - PM SOME BREAKS BUT STILL 75-80% CLOUDY
Feb-16 Feb-17 Feb-18 Feb-19 Feb-20	BREEZY NIGHT-NO DEW-SPRINKLES ON AND OFF 0830-1110-LIGHT RAIN 1205-2030 A LITTLE CONDENSATION ON SKY MIRROR THIS AM - 3RD PD. SPRINKLE 2340-2350 MODERATE TO HEAVY AM FOG-FOG CLEARED AT 0945 THEN VERY CLEAR EXCEPT FOR A FEW FAIR WEATHER CUMULUS AROUND NOON-AM EST. 30-35% CLOUDY LIGHT AM RAIN ENDED BEFORE NOON BUT CLOUDY ALL DAY-COOL AIR POOLING EAST OF BLUE RIDGE BEAUTIFUL SPRINGLIKE DAY-BREEZY AND WARM-AIRPORT HAD A HIGH OF 76 DEGREES F-FOG CLOUDS BROKE UP AT 1045-PM HAD ONLY FEW FAIR WEATHER CUMULUS
Feb-21 Feb-22 Feb-23 Feb-24 Feb-25	AIRPORT SET A NEW REC. MAX. OF 80 DEGREES F-OLD REC. WAS 75 DEGREES F IN 1930-AM CLOUDS DIDNT CLEAR UNTIL 1145-PM HAD A FEW SCATTERED CUMULUS-1ST DAFFODILS ANOTHER VERY WARM DAY FOR FEB. VERY DAMP AND CHILLY DAY AFTER PAST 2 WARM DAYS-3RD PD. OF DRIZZLE AND LIGHT PRECIP. 0620-0700 & 3 MORE PDS. OF DRIZZLE-TIME NOT REC. A LITTLE SUN IN AM AND A BEAUTIFUL SUNRISE BUT VERY CLOUDY AFTER 1045 & 3RD PD. OF VERY LIGHT RAIN 2035-2125 VERY HEAVY AM FOG-DARK AND GLOOMY WITH A LITTLE DRIZZLE IN PM-PM TOTALLY CLOUDY WITH ANOTHER PD. OF DRIZZLE
Feb-26 Feb-27 Feb-28	SPRINKLES OFF AND ON ALL DAY TO 1500 AND NO SUN AGAIN TODAY EXTREMELY HEAVY FROST ACTUALLY TRIPPED RAIN GAUGE & REC. 0.01 INCH-CALM AM BUT A DEEP BLUE SKY & LOW REL. HUMIDITY IN PM-RH RANGE WAS FROM 100 TO 30 AS MUCH OF MONTH IT IS CLOUDY AGAIN ALL DAY AND FEB. GOES DOWN AS THE 2 <sup>ND</sup> CLOUDIEST MONTH AT THIS STATION IN PAST 9 YEARS
DATE	EXTENSION OF LENGTHY DAILY REMARKS
Feb-21	BLOOMED IN OUR YARD TODAY-EXTREMELY WARM NIGHT LAST NIGHT-SLEPT WITH WINDOWS OPEN AND SOME PEOPLE TURNED ON A/C (STRANGE FOR FEB)
<p>The daily records for the month are listed on page # 4 and not found in the remarks.</p> <p>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</p>	



**DAYS MISSING IN COLUMN 41 HAD NO RECORDS & WERE DELETED TO ADD ROOM FOR ADDITIONAL RECORDS**  
The Glen Allen Station had 25 Records or Record Ties in FEBRUARY 2018

1	
2	The daily temperature range on the 2nd was 35.9°F, a new 9-year HIGH daily temperature range record for the date - the old record was 32.2°F in 2015.
3	The minimum temperature on the 3rd was 12.5°F, a new 9-year LOW daily minimum temperature record for the date - the old record was 18.9°F in 2015.
4	The daily temperature range on the 4th was 4.4°F, a new 9-year LOW daily temperature range record for the date - the old record was 10°F in 2011. The daily precipitation on the 4th was 0.75 inches, a new 9-year HIGH daily precipitation record for the date - the old record was 0.07 inches in 2014.
5	
6	
7	The daily temperature range on the 7th was 11.5°F, a new 9-year LOW daily temperature range record for the date - the old record was 15°F in 2013. The daily precipitation on the 7th was 0.17 inches, a new 9-year HIGH daily precipitation record for the date - the old record was 0.06 inches in 2013.
8	
9	
10	The daily precipitation on the 10th was 1.06 inches, a new 9-year HIGH daily precipitation record for the date - the old record was 0.43 inches in 2015.
11	The daily precipitation on the 11th was 0.16 inches, a new 9-year HIGH daily precipitation record for the date - the old record was 0.12 inches in 2012.
12	
13	The daily temperature range on the 13th was 6.3°F, a new 9-year LOW daily temperature range record for the date - the old record was 8°F in 2014.
14	
15	The minimum temperature on the 15th was 52.7°F, a new 9-year warm daily minimum temperature record for the date - the old record was 36°F in 2012. The maximum temperature on the 15th was 74.7°F, a new 9-year daily HIGH maximum temperature record for the date - the old record was 64°F in 2013.
16	The maximum temperature on the 16th was 66.9°F, a new 9-year daily HIGH maximum temperature record for the date - the old record was 60°F in 2011. The minimum temperature on the 16th was 42.2°F, a new 9-year warm daily minimum temperature record for the date - the old record was 38°F in 2012.
17	The daily precipitation on the 17th was 0.31 inches, a new 9-year HIGH daily precipitation record for the date - the old record was 0.22 inches in 2015. The daily temperature range on the 17th was 11.5°F, a new 9-year LOW daily temperature range record for the date - the old record was 13°F in 2013.
18	
19	The daily temperature range on the 19th was 13°F, and EQUALED the, 9-year LOW daily minimum temperature range record for the date - the old record was set in 2013.
20	The minimum temperature on the 20th was 51.5°F, a new 9-year warm daily minimum temperature record for the date - the old record was 44.9°F in 2016. The maximum temperature on the 20th was 78.0°F, a new 9-year daily HIGH maximum temperature record for the date - the old record was 71.1°F in 2017.
21	The minimum temperature on the 21st was 61°F, a new 9-year warm daily minimum temperature record for the date - the old record was 46.1°F in 2016. The maximum temperature on the 21st was 80.3°F, a new 9-year daily HIGH maximum temperature record for the date - the old record was 70°F in 2014. The daily temperature range on the 21st was 19.3°F, a new 9-year LOW daily temperature range record for the date - the old record was 21°F in 2017.
22	The minimum temperature on the 22nd was 46°F, a new 9-year warm daily minimum temperature record for the date - the old record was 44.9°F in 2017. The maximum temperature on the 22nd was 67.7°F, a new 9-year daily HIGH maximum temperature record for the date - the old record was 67°F in 2012.
23	
24	
25	The minimum temperature on the 25th was 52°F, a new 9-year warm daily minimum temperature record for the date - the old record was 47°F in 2017. The daily temperature range on the 25th was 14.3°F, a new 9-year LOW daily temperature range record for the date - the old record was 15.9°F in 2016.
26	
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PAGE #1		Feb 2019		West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.5693° W. - Koontz															
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Feb 2019	Week Day	TEMPERATURE °F				TEMPERATURE °F				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	Fri	30.4	13:48	18.5	5:33	11.9	24.5	3.1	38	2	2	0.02	0.01	0.01	0.1	0.1	1305	1540	
Feb-02	Sat	46.2	15:47	19.8	7:27	26.4	33.0	8.6	37	0	0								
Feb-03	Sun	64.2	14:10	29.7	3:34	34.5	47.0	14.0	38	1	2								
Feb-04	Mon	66.0	14:29	33.0	7:19	33.0	49.5	2.6	40	0	0								
Feb-05	Tue	75.4	14:47	36.9	4:37	38.5	56.2	6.7	42	0	0								
Feb-06	Wed	72.4	13:43	48.1	6:00	24.3	60.3	4.1	44	1	2	0.03	0.02	0.01			1515	1855	
Feb-07	Thu	61.1	4:59	49.5	23:51	11.6	55.3	-5.0	46	2	2	T	T	T			0210	0255	
Feb-08	Fri	68.3	13:47	40.3	23:53	28.0	54.3	-1.0	48	2	1								
Feb-09	Sat	40.5	13:22	23.7	23:46	16.8	32.1	-22.2	48	2	1								
Feb-10	Sun	45.2	13:58	18.1	6:46	27.1	31.7	-0.4	44	1	2	0.16	0.08	0.01			1940	2400	
Feb-11	Mon	38.9	15:15	34.1	0:37	4.8	36.5	4.9	44	2	2	0.25	0.09	0.01			0001	0600	
Feb-12	Tue	41.4	16:37	35.1	5:44	6.3	38.3	1.8	44	2	2	1.35	0.41	0.08			0001	2400	
Feb-13	Wed	54.1	14:43	32.1	23:36	22.0	43.1	4.9	43	0	0								
Feb-14	Thu	59.2	13:43	29.2	6:55	30.0	44.2	1.1	43	0	2								
Feb-15	Fri	65.1	14:02	51.7	0:10	13.4	58.4	14.2	44	2	2								
Feb-16	Sat	55.7	1:07	28.6	23:39	27.1	42.2	-16.3	46	2	2	0.40	0.14	0.02	0.3	T	0025	0300	
Feb-17	Sun	41.8	15:43	25.3	5:36	16.5	33.6	-8.6	44	2	2	0.84	0.35	0.06			1255	1420	
Feb-18	Mon	58.9	13:19	37.4	0:47	21.5	48.2	14.6	43	1	2	0.19	0.12	0.02			0001	0750	
Feb-19	Tue	46.2	14:25	28.9	5:48	17.3	37.6	-10.6	44	1	2								
Feb-20	Wed	37.7	1:28	30.5	6:31	7.2	34.1	-3.5	44	2	2	0.71	0.10	0.01	1.0	0.4	0305	2150	
Feb-21	Thu	58.7	16:17	33.1	0:01	25.6	45.9	11.8	43	2	2	0.02	0.01	T			0100	0130	
Feb-22	Fri	49.7	13:56	42.6	8:09	7.1	46.2	0.3	44	2	2	0.44	0.16	0.03			0200	1050	
Feb-23	Sat	42.8	0:01	38.0	23:38	4.8	40.4	-5.8	45	2	2	0.72	0.15	0.02			0001	0515	
Feb-24	Sun	61.9	16:57	38.1	0:01	23.8	50.0	9.6	44	2	1	0.29	0.09	0.01			0130	0845	
Feb-25	Mon	56.8	14:54	35.3	6:08	21.5	46.1	-4.0	45	0	0								
Feb-26	Tue	63.1	14:50	29.7	7:07	33.4	46.4	0.4	44	0	1								
Feb-27	Wed	49.1	12:38	33.5	7:15	15.6	41.3	-5.1	45	2	2	T	T	T			1705	1720	
Feb-28	Thu	55.4	13:38	39.6	5:15	15.8	47.5	6.2	46	0	2								
TOTAL		1506		940		565.8	1223.3	26.2	1220	35	42	5.42	1.73	0.29	1.4	0.5	Col.26-27		
NUMBER		28	28	28	28	28	28	28	28	28	28	13	13	12	3	2	DAILY AVE RH		
AVERAGE		53.79	12:43	33.59	8:55	20.21	43.69		43.57	1.25	1.50	Ave. Tot.	Ave. Max	Ave. Max	Ave. Tot.	Ave. Days	71.9	Percent	
NORMALS		52.27		30.75		21.51	41.51		42.67	1.18	1.22	2.95	0.37	0.09	3.9	3.6	63.4	Percent	
DEPARTURES		1.53		2.83		-1.31	2.18		0.90	0.07	0.28	2.47	0.04	-0.01	-2.5	-3.1	8.4	Percent	
Max. Temps. >= 70°F		75.4	High Max	51.7	High Min	38.5	60.3	14.6	48	Whole Day		1.35	0.41	0.08	1.0	0.4	Precip	24 Hr.	
2019 2		Feb-05	73.6	Feb-15	49.1	Feb-05	Feb-06	Feb-18	Feb-08	AVE.	1.38	Feb-12	Feb-12	Feb-12	Feb-20	Feb-20	Amount	1.58	
Ave. 3.2			Dep.		Dep.				Feb-09	Normal	1.20						Date	Feb. 11	
Departure -1.2			1.8		2.6					Depart.	0.17						Date	Feb. 12	
Min. Temps. <= 32°F		30.4	Low Max	18.1	Low Min	4.8	24.5	-22.2	37	SKY		AM	PM	>= 0.10	INCHES	>= 1.00	INCHES	>= 2.00	INCHES
2019 12		Feb-01	32.6	Feb-10	13.9	Feb-11	Feb-01	Feb-09	Feb-02	CLEAR	8	5	10	DAYS	1	DAYS	0	DAYS	
Ave. 17.4			Dep.		Dep.	Feb-23				PT. CLO.	5	4	HOTTEST	60.3	Highest	Lowest	COOLEST	24.5	
Departure -5.4			-2.2		4.2					CLO.	15	19	DAY	Feb-06	Mean	Mean	DAY	Feb-01	
Days Max. <=32 °F		1		MAX.	>=85	>=80	>=75	>=70	>=65	>=60	>=55	>=50	>=45	>=40	>=35	>=30	>=25	>=20	
Days Max. >=90°F		0		DAYS	0	0	0	2	4	9	14	17	21	25	27	28	28	28	

PAGE #2		Feb 2019		West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.5693° W. - Koontz																					
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38					
Feb 2019	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														
Feb-01			47.9	14	20:55	86	69	30.42	30.30	30.36	-0.04			1					1						
Feb-02			43.5	15	14:06	92	57	30.42	30.18	30.30	-0.06								1						
Feb-03			36.0	10	13:41	95	47	30.19	30.06	30.13	-0.18								4						
Feb-04			26.7	9	13:43	96	46	30.10	29.99	30.05	-0.08							4							
Feb-05			38.6	11	12:56	93	49	30.09	29.97	30.03	-0.02							4							
Feb-06			55.5	16	10:13	96	59	30.12	29.95	30.04	0.00							3							
Feb-07	1110	1300	43.3	12	11:47	98	90	30.08	29.92	30.00	-0.04				2			P							
Feb-08			100.1	26	13:29	99	25	30.41	29.88	30.15	0.15							4							
Feb-09			79.3	17	14:41	69	32	30.76	30.40	30.58	0.43							N							
Feb-10			36.6	12	13:26	91	39	30.74	30.36	30.55	-0.03								4						
Feb-11	0650	1025	46.1	10	16:39	96	91	30.36	30.20	30.28	-0.27							P							
Feb-12			55.1	11	1:26	97	96	30.26	29.69	29.98	-0.31							P							
Feb-13			112.6	28	9:19	98	37	30.00	29.70	29.85	-0.13							P							
Feb-14			74.8	17	20:20	83	28	30.15	29.92	30.04	0.18								1						
Feb-15			155.5	23	5:19	71	47	29.92	29.70	29.81	-0.22							N							
Feb-16	0610	1600	54.7	16	4:57	96	42	30.04	29.75	29.90	0.08		1	1				P							
Feb-17	1735	2400	49.2	15	13:51	96	67	30.16	29.92	30.04	0.15								4						
Feb-18			96.9	23	12:06	97	44	30.40	29.77	30.09	0.05							P							
Feb-19			68.0	15	11:38	85	46	30.64	30.40	30.52	0.43								2						
Feb-20	2310	2345	45.2	14	8:23	97	49	30.59	30.05	30.32	-0.20	1	1	2				P							
Feb-21			51.1	14	5:03	97	79	30.21	29.99	30.10	-0.22							P							
Feb-22	1800	2400	25.4	8	13:31	96	68	30.45	30.20	30.33	0.22							P							
Feb-23	0600	2240	56.4	11	16:20	97	92	30.43	30.07	30.25	-0.07							P							
Feb-24			135.4	28	20:25	98	35	30.07	29.54	29.81	-0.45							P							
Feb-25			114.9	28	10:56	54	17	30.35	29.83	30.09	0.29							N							
Feb-26			61.5	15	15:35	76	25	30.43	30.25	30.34	0.25								2						
Feb-27	1755	1815	87.2	14	0:41	93	64	30.35	29.98	30.17	-0.18							1							
Feb-28			120.2	20	8:46	96	46	30.19	29.90	30.05	-0.12							3							
TOTAL NUMBER	Feb. Wind Run		1917.7	452		2538	1486	848.33	839.87	844.10		DAYS	1	2	3	1	0	6	8						
AVERAGE	Total		68.5	16.1	11:56	90.6	53.1	30.30	30.00	30.15		Normal	1.0	1.5	3.8	2.2	0.6	3.5	8.5						
NORMALS	Miles		1915.6	67.93	19.95	85.08	41.51	30.21	29.92	30.07		Depart.	0.0	0.5	-0.8	-1.2	-0.6	2.5	-0.5						
Departures	Miles		2.1	0.6	-3.8	5.6	11.6	0.09	0.07	0.08		Rating	1	2	4	2	0	19	19						
MAXIMUM DATES			155.5	28	South	99	96	30.76	30.40	30.58	0.43	GLAZE		SLEET		SNOW		FOG		K		Dew		Frost	
DATES			1	Feb-15	Feb-13	9:19	Feb-08	Feb-12	Feb-09	Feb-09	Feb-09														
			2		Feb-24	20:25																			
			3		Feb-25	10:56																			
			4			Ave. Max.																			
MINIMUM DATES			25.4	8	37.1	54	17	29.92	29.54	29.81	-0.45														
DATES			1	Feb-22	Feb-22	Dep.	Feb-25	Feb-25	Feb-15	Feb-24	Feb-24														
			2		-9.1																				
Days Min. <=32 °F			12	MIN.	≤ 75	≤ 70	≤ 65	≤ 60	≤ 55	≤ 50	≤ 45	≤ 40	≤ 35	≤ 30	≤ 25	≤ 20	≤ 15	≤ 10							
Days Min >=70°F			0	Days	28	28	28	28	28	27	25	24	18	10	5	3	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.

Feb 2019	REMARKS FOR THE MONTH February - 2019
Feb-01	SNOW FLURRIES HARDLY DETECTABLE 1225-1304 THEN EASILY SEEN FLURRIES 1305-1540-MOST OF THE SNOW WAS IN FORM OF SNOW PELLETS
Feb-02	MOSTLY CLEAR ALL DAY WITH A LITTLE BELOW AVERAGE TEMP.
Feb-03	FILTERED SUN THROUGH CIRRUS AND CIRROSTRATUS IN PM-LESS IN AM
Feb-04	BEAUTIFUL SPRINGLIKE DAY-DEEP BLUE SKY AND PLEASANT TEMPS.
Feb-05	A GREAT FEB. DAY ONLY A FEW CIRRUS MOST OF DAY-AIRPORT MISSED THE REC. MAX. TEMP. BY 1°F
Feb-06	MORNING WAS PC AND WARM AND AFTERNOON BECAME CLOUDY WITH SPRINKLES
Feb-07	CLOUDS ALL DAY WITH SOME MIST AND DRIZZLE WITH FOG AFTER DARK AT 2200
Feb-08	DECK STILL WET WITH PRECIP. BUT THERE WAS ALSO DEW-PM EST. 55-65% CLOUDY
Feb-09	AM CLOUDY WITH NO DEW-CLOUDS BECAME CIRRUS FIBROUS AFTER NOON WITH SOME FILTERED SUN IN PM
Feb-10	CLOUDS CAME IN AT 1015 PC BUT PM WAS COMPLETELY CLOUDY
Feb-11	3RD PD. OF RAIN 1130-1450-GLOOMY DARK DAY WITH SMALL TEMP. RANGE
Feb-12	WHEN IT WASN'T RAINING THERE WAS DRIZZLE AND TODAY WAS ANOTHER DARK GLOOMY DAY
Feb-13	WINDY BUT FINALLY AN ALMOST FULL DAY OF SUN
Feb-14	4 CHERRY TREES AND 1 DAFFODIL BLOOMING SEEN ON TODAY'S WALK-MOSTLY CLEAR IN AM AND A CLOUDY PM
Feb-15	CLOUDY BUT WARM BREEZY DAY WITH RAIN EXPECTED TONIGHT
Feb-16	A STRANGE DAY-IT RAINED, SNOWED, SLEETED, RAINED, SNOWED THEN THE SUN CAME OUT
Feb-17	ALL RAIN FROZE AND A VERY WHITE MORNING ON THE YARD BUT MOST WASN'T FROST BUT FROZEN RAIN-CLOUDY ALL DAY EXCEPT 0830-0915
Feb-18	FILTERED SUN THROUGH CIRRUS IN AM-EST. CLOUDY COVER 60% THEN THICKER CIRROSTRATUS AND ALTOSTRATUS IN PM-PM WAS TOTALLY CLOUDY
Feb-19	FILTERED SUN THROUGH CIRRUS IN AM EST. 50% CLO.-PM CLOUDY FROM 1215 TO DARK
Feb-20	VERY DAMP COLD DAY WITH ALL DAY PRECIP. AS SNOW, SLEET, AND FREEZING RAIN THAT ENDED IN RAIN WITH A LOW TEMP. RANGE
Feb-21	CLOUDY ALL MORNING-THIN CIRRUS 1313-1400-CLEAR PD. FROM 1500-1645-PM EST. TO BE 70-80% CLO.
Feb-22	ANOTHER VERY CLOUDY DAY WITH RAIN IN AM BUT BREAK IN PM-GLEN ALLEN IS UNDER A FLOOD WATCH
Feb-23	ALL DAY RAIN-FLOOD WARNING EST. OF 15 FEET FOR JAMES RIVER-VERY WET CONDITIONS
Feb-24	RAIN AT SUNRISE BUT CLEARING BY 1420 AND PM EST. TO BE 38%
Feb-25	VERY LOW DEW POINT OF 17°F AT 1632-MIN. REL. HUMIDITY DROPPED TO 17%-NO CLOUDS SEEN TODAY
Feb-26	FROST ONLY ON GRASS NONE ON SKY MIRROR OR DECK-JAMES RIVER TO CREST AT 16.2 FT TODAY-JAMES WAS THE HIGHEST SINCE JAN. 27, 2010 WHEN IT WAS ABT. 18 FEET
Feb-27	CLOUDY AND COLD AFTER WARMTH OF YESTERDAY - MANY CHERRY TREES BLOOMING NOW, BUDS SEEN ON RED MAPLES AND ORNAMENTAL PEARS-VERY LIGHT DRIZZLE
Feb-28	RATHER CLOUDY MONTH ENDS WITH CLEAR MORNING WITH A BLUE SKY AND CLOUDS CAME IN AT 1400 GIVING A CLOUDY AFTERNOON- RAIN IS FORECAST FOR TONIGHT
DATE	EXTENSION OF LENGTHY DAILY REMARKS
Feb-26	THIN CIRRUS BY NOON AND CLOUDY BY 1500
Feb-27	BETWEEN 1705-2300 BUT STEADY DRIZZLE BETWEEN 2100-2230 NOT ENOUGH TO MEASURE
	<p><b>THE WIND WAS 28 MPH ON 3 DATES -- (THE 13TH AT 0919 FROM THE SOUTH) -- (THE 24TH AT 2025 FROM THE WSW) -- (THE 25TH AT 1056 FORM THE NW)</b></p>
	<p>The daily records for the month are listed on page # 4 and not found in the remarks.</p> <p>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</p> <p><a href="#">Rules for making Observations in 2019</a></p>

West Henrico Co. - Glen Allen Weather Center 37.65537° N. 77.56929° W. - Koontz  
DAILY RECORDS FOR THE MONTH

The Glen Allen Station had 23 Records or Record Ties in FEBRUARY 2019

1	The maximum temperature on the 1st was 30.4°F, a new 10-year cold daily maximum temperature record for the date - the old record was 37°F in 2013. The daily temperature range on the 1st was 11.9°F, a new 10-year LOW daily temperature range record for the date - the old record was 18°F in 2008. The daily greatest snow on the 1st was 0.1 inches, and is a new 8-year daily greatest snow record for the date - the old record was 0 inches.
2	
3	The daily temperature range on the 3rd was 34.5°F, a new 10-year HIGH daily temperature range record for the date - the old record was 26.1°F in 2016.
4	The daily temperature range on the 4th was 33°F, a new 10-year HIGH daily temperature range record for the date - the old record was 28.1°F in 2015. The maximum temperature on the 4th was 66°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 61.6°F in 2016.
5	The daily temperature range on the 5th was 38.5°F, a new 10-year HIGH daily temperature range record for the date - the old record was 25.7°F in 2017. The maximum temperature on the 5th was 75.4°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 59°F in 2013.
6	The maximum temperature on the 6th was 72.4°F, a new 10-year daily HIGH maximum temperature record for the date - the old record was 66.4°F in 2017. The minimum temperature on the 6th was 48.1°F, a new 10-year warm daily minimum temperature record for the date - the old record was 33.2°F in 2017.
7	
8	
9	
10	The minimum temperature on the 10th was 18.1°F, a new 10-year LOW daily minimum temperature record for the date - the old record was 19.1°F in 2017.
11	The daily temperature range on the 11th was 4.8°F, a new 10-year LOW daily temperature range record for the date - the old record was 15°F in 2014.
12	The daily temperature range on the 12th was 6.3°F, a new 10-year LOW daily temperature range record for the date - the old record was 11°F in 2014. The daily precipitation on the 12th was 1.35 inches, a new 10-year HIGH daily precipitation record for the date - the old record was 0.50 inches in 2014.
13	
14	The daily temperature range on the 14th was 30°F, a new 10-year HIGH daily temperature range record for the date - the old record was 29°F in 2009.
15	
16	
17	The daily precipitation on the 17th was 0.84 inches, a new 10-year HIGH daily precipitation record for the date - the old record was 0.31 inches in 2018.
18	The daily precipitation on the 18th was 0.19 inches, and EQUALED the, 10-year HIGH daily precipitation record for the date - the old record was set in 2009.
19	
20	The daily precipitation on the 20th was 0.57 inches, a new 10-year HIGH daily precipitation record for the date - the old record was 0.01 inches in 2012. The daily temperature range on the 20th was 7.2°F, a new 10-year LOW daily temperature range record for the date - the old record was 19°F in 2012. The daily greatest snow on the 20th was 1.0 inches, and is a new 10-year daily greatest snow record for the date - the old record was 0.1 inches, in 2012.
21	
22	The daily precipitation on the 22nd was 0.44 inches, a new 10-year HIGH daily precipitation record for the date - the old record was 0.33 inches in 2015.
23	
24	
25	
26	The daily temperature range on the 26th was 33.4°F, a new 10-year HIGH daily temperature range record for the date - the old record was 29°F in 2009.
27	The daily precipitation on the 27th was Trace, and EQUALED the, 10-year HIGH daily precipitation record for the date - the old record was set in 2012 and 2011.
28	