

1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19	
Nov 2014	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																			
Nov-01	Sat	50	11:18	39	4:33	11	44.5	-5.0	59	2	2	0.02	0.01	T			1030	1325																			
Nov-02	Sun	53	14:28	30	23:58	23	41.5	-3.0	56	2	0	T	T	T			0705	0715																			
Nov-03	Mon	65	14:40	28	2:54	37	46.5	5.0	54	0	0																										
Nov-04	Tue	74	15:16	45	6:35	29	59.5	13.0	56	1	2	T	T	T			0310	0315																			
Nov-05	Wed	65	14:56	51	6:09	14	58.0	-1.5	57	2	2																										
Nov-06	Thu	66	14:10	47	23:30	19	56.5	-1.5	58	2	2	0.12	0.06	0.02			0329	0810																			
Nov-07	Fri	62	13:33	33	23:58	29	47.5	-9.0	57	0	0																										
Nov-08	Sat	56	6:58	27	6:01	29	41.5	-6.0	55	0	1																										
Nov-09	Sun	59	12:37	40	23:58	19	49.5	8.0	55	2	2																										
Nov-10	Mon	67	14:08	34	5:55	33	50.5	1.0	53	0	0																										
Nov-11	Tue	73	13:42	39	4:02	34	56.0	5.5	54	1	2	0.04	---	0.01			1750	1850																			
Nov-12	Wed	73	13:49	48	23:18	25	60.5	4.5	58	1	0	0.01	0.01	T																							
Nov-13	Thu	48	0:01	36	23:27	12	42.0	-18.5	57	2	2	0.12	0.10	0.01	T	None	0523	0525																			
Nov-14	Fri	44	14:19	25	23:51	19	34.5	-7.5	54	1	1	0.01	0.01	T			0001	0120																			
Nov-15	Sat	47	13:14	20	6:53	27	33.5	-1.0	50	0	0																										
Nov-16	Sun	50	14:33	30	0:01	20	40.0	6.5	50	2	2																										
Nov-17	Mon	56	15:29	43	23:57	13	49.5	9.5	52	2	2	1.00	0.53	0.10			0025	0245																			
Nov-18	Tue	43	0:01	20	23:42	23	31.5	-18.0	51	0	0																										
Nov-19	Wed	40	14:12	15	7:05	25	27.5	-4.0	47	0	0																										
Nov-20	Thu	57	13:46	33	23:52	24	45.0	17.5	46	0	0																										
Nov-21	Fri	43	14:19	24	23:40	19	33.5	-11.5	46	0	0																										
Nov-22	Sat	51	14:24	19	6:44	32	35.0	1.5	44	0	0																										
Nov-23	Sun	59	23:57	35	3:37	24	47.0	12.0	45	2	2	0.24	0.17	0.04			1533	2400																			
Nov-24	Mon	74	13:49	59	0:01	15	66.5	19.5	50	1	0	0.10	0.10	0.02			0001	0130																			
Nov-25	Tue	66	0:01	50	21:20	16	58.0	-8.5	54	2	2	T	T	T			2325	2400																			
Nov-26	Wed	50	0:01	35	15:09	15	42.5	-15.5	53	2	2	1.29	0.28	0.03	T	None	0001	1830																			
Nov-27	Thu	46	12:22	30	23:46	16	38.0	-4.5	50	2	2	0.01	0.01	T			0440	0915																			
Nov-28	Fri	44	13:32	25	5:49	19	34.5	-3.5	48	0	0																										
Nov-29	Sat	51	13:54	25	2:36	26	38.0	3.5	46	1	2																										
Nov-30	Sun	69	14:16	40	4:45	29	54.5	16.5	47	0	0																										

TOTAL		1701		1025		676.0	1363.0	5.0	1562	30	30	2.96	1.28	0.23	T	0	Col.26-27	
NUM		30	30	30	30	30	30	30	30	30	30	11	10	7	0	0	DAILY AVE RH	
AVE.		56.70	12:11	34.17	13:10	22.53	45.43		52.07	1.00	1.00	Ave. Tot.	Ave.Max	Ave.Max	Ave.Tot.	Ave.Days	66.4	Percent
Normals		59.84		38.01		19.64	48.93		54.05	0.90	1.07	4.13	0.67	0.16	0.0	0.0	69.0	Percent
Departures		-3.14		-3.84		2.90	-3.49		-1.98	0.10	-0.07	-1.17	0.61	0.08	T	0.0	-2.6	Percent

MAX. Dates	Dates	74		59		37	66.5	19.5	59.0	Whole Day		1.29	0.53	0.10	T	0.0	Precip	24 Hr.
	1	Nov-04		Nov-24		Nov-03	Nov-24	Nov-24	Nov-01	Ave.	1.00	Nov-26	Nov-17	Nov-17	Nov-13		Amount	1.29
	2	Nov-24								Normal	0.98				Nov-26		Date	Nov-26
MIN. Dates	Dates	40		15		11	27.5	-18.5	44.0	SKY	AM	PM	>= 0.10	Precip.	>= 1.00	Precip.	>= 2.00	Precip.
	1	Nov-19		Nov-19		Nov-01	Nov-19	Nov-13	Nov-22	CLEAR	12	14	6	DAYS	2	DAYS	0	DAYS
	2									P.CLO.	6	2	HOTTEST	66.5	Highest	Lowest	COOLEST	27.5
3										CLO.	12	14	DAY	11-24	Mean	Mean	DAY	11-19

<=32°F	0	<=32°F	13	MAX.	>=80	>=75	>=70	>=65	>=60	>=55	>=50	>=45	>=40	>=35	>=30	>=25	>=20
>=90°F	0	>=70°F	0		0	0	4	10	11	16	22	25	30	30	30	30	30

Nov 2014		21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Nov 2014	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								
Nov-01	1450	1605	114.7	26	22:28	91	63	29.89	29.73	29.81	-0.11							3	
Nov-02			141.4	33	0:44	85	32	30.27	29.88	30.08	0.26							N	
Nov-03			47.6	15	21:27	91	23	30.38	30.25	30.32	0.24								5
Nov-04			78.6	22	20:24	70	21	30.25	30.14	30.20	-0.12							N	
Nov-05			39.4	17	1:27	78	44	30.21	30.10	30.16	-0.04							N	
Nov-06	1100	1235	77.8	25	13:57	95	69	30.10	29.67	29.89	-0.27							P	
Nov-07			46.6	23	15:27	93	32	30.07	29.75	29.91	0.02							P	
Nov-08			40.7	18	15:32	96	38	30.12	29.94	30.03	0.12								4
Nov-09			22.0	13	1:05	93	46	30.05	29.90	29.98	-0.05							2	
Nov-10			19.9	11	12:23	99	38	30.15	30.03	30.09	0.11							4	3
Nov-11	2005	2210	9.8	7	10:20	98	58	30.08	29.89	29.99	-0.11							4	
Nov-12			74.7	21	19:26	99	37	30.09	29.87	29.98	0.00					4		P	
Nov-13	1350	1410	93.1	19	3:43	94	54	30.14	30.02	30.08	0.10			1	1			P	
Nov-14			68.4	19	10:24	95	34	30.32	30.05	30.19	0.11							P	
Nov-15			16.6	15	10:03	86	30	30.45	30.31	30.38	0.19								4
Nov-16			35.4	16	12:16	78	35	30.38	30.04	30.21	-0.17								2
Nov-17	0325	0430	40.5	25	14:41	99	78	30.04	29.55	29.80	-0.41					3	1	P	
Nov-18			37.9	18	8:21	76	29	30.29	29.79	30.04	0.24							P	
Nov-19			86.2	23	22:30	83	30	30.39	30.13	30.26	0.22								4
Nov-20			115.5	26	9:41	68	31	30.13	29.92	30.03	-0.23							N	
Nov-21			28.2	17	9:53	73	26	30.56	30.10	30.33	0.31							N	
Nov-22			70.2	22	9:44	88	26	30.56	30.29	30.43	0.09								4
Nov-23			53.5	19	22:27	97	42	30.30	29.76	30.03	-0.39							N	
Nov-24			209.9	35	15:12	97	52	30.09	29.68	29.89	-0.15							P	
Nov-25			41.4	15	1:30	97	61	30.14	29.82	29.98	0.10							4	
Nov-26			74.8	21	7:26	100	74	30.11	29.85	29.98	0.00			1	1			P	
Nov-27	1000	1015	12.2	16	14:36	99	78	30.20	30.00	30.10	0.12							P	
Nov-28			15.9	14	12:07	94	39	30.34	30.19	30.27	0.16								5
Nov-29			62.7	21	15:15	92	42	30.33	30.20	30.27	0.00								5
Nov-30			136.6	30	15:09	78	42	30.22	30.10	30.16	-0.11							N	
TOTAL			1912.2	602		2682	1304	906.65	898.95	902.80	0.24	GLAZE	SLEET	SNOW	FOG	THUNDER	DEW	FROST	
Number	Mar. Wind Run		30	30	30	30	30	30	30	30	30								
AVE.	Total	1912.2	63.7	20.1	12:19	89.40	43.47	30.22	29.97	30.09									
Normals	Miles	1454.8	48.5	32.33	Directions	91.1	47.0	30.23	30.02	30.23									
Departures	Miles	457.4	15.2	-12.26	Day Order	-1.7	-3.5	-0.01	-0.05	-0.14									
MAXIMUM DATES	Dates	209.9	35	SSW	100	78	30.56	30.31	30.43	0.31	5. Very Heavy 4. Heavy-Unusual 3. Moderate - Ave. 2. Light - < Ave.								
	1	Nov-24	Nov-24	#REF!	Nov-26	Nov-17	Nov-21	Nov-15	Nov-22	Nov-21	N- None								
	2			#REF!		Nov-27	Nov-22												
	3			#REF!															
	4	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!									
MINIMUM DATES	Dates	9.8	7		68	21	29.89	29.55	29.80	-0.41	1. Very Light - Slight - Trace								
	1	Nov-11	Nov-11		Nov-20	Nov-04	Nov-01	Nov-17	Nov-17	Nov-17	M - Event with intensity missing R - Rain hindering Dew Observation								
	2																		
MINIMUM	<=75		<=70	<=65	<=60	<=55	<=50	<=45	<=40	<=35	<=30	<=25	<=20	<=15					
	30		30	30	30	29	28	25	23	18	13	8	4	1					

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REMARKS FOR THE MONTH

November - 2014

Nov-01	CLOUDY DAMP CHILLY DAY - ABOUT 4 INS. OF SNOW FELL IN ASHEVILLE, NC & 22 INS. AT MT. LECONTE, TN
Nov-02	CLOUDS CLEARED AROUND 1100 & PM WAS VERY CLEAR BUT WINDY
Nov-03	1ST KILLING FROST - COLDEST SINCE MARCH 23, 2014 WHEN IT WAS 25°F
Nov-04	SUN THROUGH THIN AM CIRRUS AND PM CLOUDS BECAME THICK CIRROSTRATUS
Nov-05	CLOUDY MOST OF DAY
Nov-06	3RD PD. OF PRECIP. 1745-2200-A LITTLE PERIOD OF CLEARING FROM 1615-1645 THEN CLOUDY AGAIN
Nov-07	VERY CLEAR UNTIL 1100 THEN CLOUDY TO 1230 FOLLOWED BY CLEAR SKY REST OF THE DAY
Nov-08	AM CLOUDS CAME IN AT 1145 AND PM HAD MAINLY CIRRUS CLOUDS-COLDEST SINCE MARCH 23 WHEN IT WAS 25°F -VIRGA SEEN FROM CIRRUS IN PM
Nov-09	ONLY CLEAR TO 0700 THEN SUN THROUGH CIRROSTRATUS THAT BECAME THICKER INTO PM
Nov-10	GRASS SHOWED EARLY MORNING WHITENESS FROM FROST
Nov-11	CLOUDY TO 0845 THEN CLEAR TO 1345 AND MOSTLY CLOUDY IN PM-DRIZZLE AFTER DARK
Nov-12	ONLY FOG AND VERY LIGHT DRIZZLE CAUSED RAIN TRIPPING BUCKET GAUGE TO TRIP-FOG CLEARED AT 0830
Nov-13	CLOUDY DAMP AND CHILLY DAY-3RD PD. OF PRECIP. 1830-1835, 4TH PD. 1950-2000, 5TH PD. 2050-2400
Nov-14	A TRACE OF SLEET FROM 2235-2245 AND SNOW 2300 TO 2300-2320-VERY LOW DEW POINT OF 16.4°F AT 2030
Nov-15	FROST WOULD HAVE BEEN HEAVIER IF DEW POINT NOT SO LOW AND AIR DRY-LOWEST MIN. TEMP. SINCE MARCH 4, 2014 WHEN IT WAS 7°F
Nov-16	FROST AT MIDNIGHT THAT MELTED BY 0200 AND EVAPORATED BY SUNRISE
Nov-17	THUNDER AT 1109 - ONLY ONE- MAX. RAIN RATE 0.10 AT 1105-1110-3RD PD. OF PRECIP. 0750-1810
Nov-18	FROZEN RESIDUAL RAIN ON DECK-PM MOSTLY PC BECAUSE OF THIN CIRRUS EST. 30% CLOUDY-LOW DEW POINT 5.3°F AT 1743
Nov-19	COLDEST ON REC. FOR NOV. AT 15.1°F -OLD REC. WAS 17°F LAST YEAR ON NOV. 25-CLEAR BUT COLD DAY
Nov-20	MUCH WARMER AS LOW PRESSURE PASSED TO OUR N PULLING A WARM FRONT THROUGH GLEN ALLEN-WIND AT NIGHT KEPT DEW/FROST FROM FORMING
Nov-21	A COLD DAY FOR NOV. - LOW REL. HUMIDITY AND MIN. DEW POINT WAS 8.2°F AT 1645-NO CLOUDS TODAY
Nov-22	MOSTLY SUNNY-ONLY A FEW EXTREMELY THIN CIRRUS SEEN DURING DAY
Nov-23	ALTOSTRATUS IN AM THAT LOWERED TO STRATUS IN PM AND MUCH WARMER TEMPS.
Nov-24	REC. WARMTH AND VERY WINDY-209.9 MILES HIGHEST WIND RUN SINCE JAN. 30, 2013 WITH 225.6 MILES
Nov-25	LOW PRESSURE IN FORECAST TO MOVE UP COAST AND GIVE INTERIOR NE SNOW
Nov-26	ONLY ~ 0.03 INS. OF PRECIP. FELL IN FROZEN FORM-MAX. SNOW AMOUNT OCCURRED AROUND 1515 BUT WAS ONLY A TRACE
Nov-27	1245-1300 AND 1440-1520 ON AND OFF SPRINKLES
Nov-28	PM CLOUDS FROM 1500-SUNSET-PM EST. ABOUT 25-30% CLOUDY
Nov-29	HEAVY FROST - 1ST CLOUDS AT 0900 AND CLEAR AGAIN AT 1015-1115 THEN CLOUDY-PM WAS CLOUDY WITH MAINLY CIRRUS AND ALTOCUMULUS CAME IN
Nov-30	SUNNY WINDY DAY WITH MUCH WARMER TEMPS. - PLEASANT FOR THE END OF NOV.

DATE

EXTENSION OF LENGTHY DAILY REMARKS

Nov-29	FROM 1500-1530 THEN BACK TO CIRRUS MAINLY TO SUNSET
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41 DAILY RECORDS FOR NOVEMBER 2014 IN THE PAST 6 YEARS

Days

1	The maximum temperature on the 1st was 50°F, a new 6 year LOW daily maximum temperature record for the date; the old record was 58°F in 2012.
2	The maximum temperature on the 2nd was 53°F, a new 6 year LOW daily maximum temperature record for the date; the old record was 55°F in 2010. The minimum temperature on the 2nd was 30°F, a new 6 year LOW daily minimum temperature record for the date; the old record was 33°F in 2011. The daily precipitation on the 2nd was a trace, and EQUALED the 6 year HIGH daily precipitation record for the date; the old record was set in 2013 and 2009.
3	The minimum temperature on the 3rd was 28°F, a new 6 year LOW daily minimum temperature record for the date; the old record was 31°F in 2012. The daily temperature range on the 3rd was 37°F, a new 6 year HIGH daily temperature range record for the date; the old record was 30°F in 2009. The minimum temperature last night was 27.5 °F the lowest minimum temperature since March 23, 2014 when the minimum temperature was 25°F.
4	The maximum temperature on the 4th was 74°F, a new 6 year daily HIGH maximum temperature record for the date; the old record was 59°F in 2009. The daily temperature range on the 4th was 29°F, a new 6 year HIGH daily temperature range record for the date; the old record was 24°F in 2009.
6	The daily precipitation on the 6th was 0.12 inches, a new 6 year HIGH daily precipitation record for the date; the old record was 0.00 inches.
8	The minimum temperature on the 8th was 27°F, a new 6 year LOW daily minimum temperature record for the date - the old record was 30°F in 2010. The maximum temperature on the 8th was 56°F, a new 6 year LOW daily maximum temperature record for the date - the old record was 58°F in 2013. The minimum temperature last night was 26.9 °F the lowest minimum temperature since March 23, 2014 when the minimum temperature was 25°F.
9	The daily temperature range on the 9th was 19°F, a new 6 year LOW daily temperature range record for the date - the old record was 25 °F in 2008.
11	The daily temperature range on the 11th was 34°F, and EQUALED the 6 year HIGH daily maximum temperature range record for the date; the old record was set in 2012.
13	The daily greatest snow on the 13th is now Trace, and is a new 6 year daily greatest snow record for the date - the old record was 0.0 inches.
14	The daily precipitation on the 14th was 0.01 inches, a new 6 year HIGH daily precipitation record for the date - the old record was 0.00 inches. The minimum temperature on the 14th was 25°F, a new 6 year LOW daily minimum temperature record for the date - the old record was 26°F in 2013. The maximum temperature on the 14th was 48°F, a new 6 year LOW daily maximum temperature record for the date - the old record was 49°F in 2012.
15	The minimum temperature on the 15th was 19.9°F, a new 6 year LOW daily minimum temperature record for the date - the old record was 32°F in 2012. The maximum temperature on the 15th was 46.5°F, a new 6 year LOW daily maximum temperature record for the date - the old record was 49°F in 2012.
16	The minimum temperature on the 16th was 30.4°F, a new 6 year LOW daily minimum temperature record for the date - the old record was 33°F in 2012. The maximum temperature on the 16th was 50°F, a new 6 year LOW daily maximum temperature record for the date - the old record was 55°F in 2012.
17	The daily precipitation on the 17th was 1 inches, a new 6 year HIGH daily precipitation record for the date - the old record was 0.46 inches in 2011. The daily temperature range on the 17th was 7°F, a new 6 year LOW daily temperature range record for the date; the old record was 14°F in 2009.
18	The minimum temperature on the 18th was 19.5°F, a new 6 year LOW daily minimum temperature record for the date - the old record was 26°F in 2011.
19	The minimum temperature on the 19th was 15.1°F, a new 6 year LOW daily minimum temperature record for the date - the old record was 25°F in 2008. The minimum temperature last night was 15.1°F the lowest minimum temperature since March 4, 2014 when the minimum temperature was 7°F. This minimum temperature of 15.1°F is also the lowest temperature ever recorded at Glen Allen for the month of November the old record is 17°F in 2013 .
21	The maximum temperature on the 21st was 42.8°F, a new 6 year LOW daily maximum temperature record for the date - the old record was 46°F in 2008.
22	The minimum temperature on the 22nd was 18.8°F, a new 6 year LOW daily minimum temperature record for the date - the old record was 21°F in 2008. The daily temperature range on the 22nd was 31°F, a new 6 year HIGH daily temperature range record for the date - the old record was 30°F in 2012.
24	The daily precipitation on the 24th was 0.10 inches, a new 6 year HIGH daily precipitation record for the date - the old record was 0.05 inches in 2009. The maximum temperature on the 24th was 74°F, a new 6 year daily HIGH maximum temperature record for the date - the old record was 63°F in 2011. The minimum temperature on the 24th was 59 °F, a new 6 year HIGH daily minimum temperature record for the date - the old record was 47°F in 2009.
25	The minimum temperature on the 25th was 50 °F, a new 6 year HIGH daily minimum temperature record for the date - the old record was 45°F in 2009.
26	The daily temperature range on the 26th was 15°F, a new 6 year LOW daily temperature range record for the date; the old record was 16°F in 2008. The daily greatest snow on the 26th is now a Trace, and is a new 6 year daily greatest snow record for the date - the old record was 0.0 inches.
30	The maximum temperature on the 30th was 69°F, a new 6 year daily HIGH maximum temperature record for the date - the old record was 66°F in 2010. The daily temperature range on the 30th was 29°F, a new 6 year HIGH daily temperature range record for the date - the old record was 25°F in 2012.