


20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	
Jul 2014	2nd PERIOD		WIND			REL. HUMIDITY		BAROMETRIC PRESSURE				GLAZE	SLEET	SNOW	FOG		DEW	FROST	
	START	END	RUN	MAX.	TIME	MAX.	MIN.	MAX.	MIN.	AVE.	CHANGE								
Jul-01			89.0	20	12:40	90	51	30.00	29.86	29.93	-0.12							2	
Jul-02			108.1	20	15:33	83	42	29.95	29.86	29.91	-0.02							N	
Jul-03			80.6	27	16:34	95	41	29.99	29.90	29.95	0.04							N	
Jul-04			132.9	27	9:45	98	35	30.20	29.90	30.05	0.10					1		P	
Jul-05			43.3	15	8:55	96	30	30.29	30.20	30.25	0.20							4	
Jul-06			80.3	19	11:22	96	37	30.20	29.99	30.10	-0.15							4	
Jul-07			127.8	25	14:52	80	35	30.00	29.87	29.94	-0.16							N	
Jul-08	2205	2400	150.3	29	12:50	87	31	29.95	29.78	29.87	-0.07						1	N	
Jul-09	0940	1040	63.6	19	16:39	93	50	30.01	29.86	29.94	0.07						1	P	
Jul-10	0920	1000	24.3	10	1:50	97	68	30.13	29.99	30.06	0.12							P	
Jul-11			24.3	12	11:11	98	48	30.22	30.12	30.17	0.11					2		3	
Jul-12			44.0	16	16:19	98	40	30.24	30.13	30.19	0.01					1		4	
Jul-13			128.5	25	18:23	94	44	30.15	29.96	30.06	-0.13							3	
Jul-14			108.2	28	15:32	81	44	29.98	29.82	29.90	-0.16						2	N	
Jul-15	1755	2105	72.8	20	14:09	93	49	29.85	29.73	29.79	-0.11							M	
Jul-16			54.6	17	8:51	96	42	29.96	29.80	29.88	0.09							P	
Jul-17			44.2	13	8:09	93	35	30.15	29.95	30.05	0.17							4	
Jul-18			33.1	14	16:36	92	31	30.24	30.15	30.20	0.15							3	
Jul-19			33.6	15	11:36	91	32	30.22	30.12	30.17	-0.02							M	
Jul-20	0530	0055	27.2	10	12:41	94	48	30.14	30.07	30.11	-0.07							P	
Jul-21	1610	1615	32.9	12	18:00	92	71	30.19	30.11	30.15	0.04							1	
Jul-22			21.6	11	18:21	98	53	30.20	30.08	30.14	-0.01							3	
Jul-23			70.9	21	18:29	97	42	30.10	29.84	29.97	-0.17					1		4	
Jul-24	1510	2100	40.5	21	16:32	97	66	29.96	29.85	29.91	-0.06						1	P	
Jul-25			23.4	13	17:48	99	42	30.08	29.96	30.02	0.11							4	
Jul-26			53.6	15	9:47	96	51	30.04	29.90	29.97	-0.05							3	
Jul-27			99.3	21	13:53	97	66	29.94	29.70	29.82	-0.15						1	P	
Jul-28			78.5	20	12:36	86	37	29.86	29.63	29.75	-0.08							1	
Jul-29			49.1	15	10:16	95	40	30.04	29.85	29.95	0.20							3	
Jul-30			21.7	14	14:20	88	39	30.10	30.03	30.07	0.12							3	
Jul-31			43.8	18	13:09	98	46	30.16	30.08	30.12	0.05							4	
TOTAL	Column 23		2006.0	562		2888	1386	932.54	928.09	930.32	0.07	GLAZE	SLEET	SNOW	FOG	THUNDER	DEW	FROST	
Number	Mar. Wind Run		31	31	31	31	31	31	31	31	31								
AVE.	Total		2006.0	64.7	18.1	13:28	93.16	44.71	30.08	29.94	30.01								
Normals	Miles		1188.5	51.3	18.7		92.0	44.8	30.02	29.91	29.97								
Departures	Miles		817.5	13.4	-0.6		1.1	-0.1	0.07	0.03	0.04								
MAXIMUM DATES	Dates		150.3	29	South	99	71	30.29	30.20	30.25	0.20								
	1		Jul-08	Jul-08	12:50	Jul-25	Jul-21	Jul-05	Jul-05	Jul-05	Jul-29								
	2				Hour														
	3																		
	4																		
MINIMUM DATES	Dates		21.6	10		80	30	29.85	29.63	29.75	-0.17								
	1		Jul-22	Jul-10		Jul-07	Jul-05	Jul-15	Jul-28	Jul-28	Jul-23								
	2			Jul-20															
MINIMUM	<=80		<=75	<=70	<=65	<=60	<=55	<=50	<=45	<=40	<=35								
	31		29	24	10	4	1	0	0	0	0								

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 Observation
 N- NONE

REMARKS FOR THE MONTH

July - 2014

Jul 2014	
Jul-01	VERY SUNNY AM AND HOT EVEN FOR JULY THEN CUMULUS CLOUDS FROM 1315-1730
Jul-02	VERY HOT DAY-THE HIGHEST MAX. TEMP. SINCE JULY 27, 2012 WHEN IT WAS ALSO 98°F
Jul-03	HURRICANE ARTHUR TO HIT OUTER BANKS AS A CAT. 2 HURRICANE TONIGHT-RAINFALL WAS FROM APPROACHING COLD FRONT NOT HURRICANE
Jul-04	CLOUDY UNTIL 0845 THEN PC TO 1115 THEN CLEAR REST OF DAY
Jul-05	EXCELLENT JUL.DAY-NO CLOS & A LOW TEMP. ALONG WITH LOW REL. HUM. & DEW PT.- MIN. DEW POINT WAS 47.3°F@1353 ALMOST UNHEARD OF HERE IN JUL.
Jul-06	WARMER BUT STILL A NICE SUMMER DAY WAS REL. HUMIDITY WAS LOW-MIN. DEW POINT AT 53.7°F.
Jul-07	CLEAR ALL DAY EXCEPT A FEW CUMULUS FROM 1315-1500-NO DEW BECAUSE OF WIND
Jul-08	EARLY MORNING BREEZE- NO DEW TODAY MUCH LIKE YESTERDAY EXCEPT WINDY AND WARMER-CUMULUS BET. 1315-1500 AGAIN TODAY
Jul-09	3RD PD. OF RAIN 1610-1750-CLOUDY AND SPRINKLES AND HUMID WITH A HIGH DEW POINT OF 74.1°F AT 1136
Jul-10	3RD PD. OF SHOWERS 1300-1715-CLOUDY ALL DAY WITH A LITTLE SUN AFTER 1815 TO SUNSET
Jul-11	AM FOG OBSCURED SUN FROM 0815-1145 THEN PC WITH CUMULUS THE REST OF DAY
Jul-12	CLEAR UNTIL 0830 THEN CIRRUS FROM 0900-1100-CUMULUS 1130-1700 THEN CLEAR TO SUNSET-AM EST. 30-40% CLOUDY-PM EST. 50-60% CLOUDY-MAX DEW PT WAS 72.9°F @ 1048
Jul-13	CUMULUS AND ALTOCUMULUS IN AM AND CLOUDY BY 1100 TO 1315 THEN PC WITH CUMULUS -AM EST. 50% CLOUDY PM EST. 40% CLOUDY
Jul-14	AM SOME CIRRUS BUT MOSTLY THIN EXCEPT AT 0830-AM EST. 20-30% CLOUDY-PM MOSTLY CLOUDY EST. 60-75% CLOUDY-MAX DEW PT WAS 75.3°F @ 1140 AM
Jul-15	AM CLEAR UNTIL 0930 THEN CLOUDS WITH ALTOCUMULUS TO NOON -AM EST. 50% CLOUDY-PM EST. 95% CLOUDY
Jul-16	AM WAS MOSTLY CLOUDY EST. 75-85% CLOUDY-PM WAS MOSTLY CIRRUS AND CLOUDY EST. 70-80% CLOUDY
Jul-17	AM WAS PC WITH MAINLY CIRRUS EST. 35-45% CLOUDY-CUMULUS AFTER 1045 AND PM TURNED MOSTLY CLOUDY WITH CUMULUS AND CIRRUS-EST. 65-75% CLO
Jul-18	CIRRUS IN AM ABOUT 20-30% CLOUDY-ALTOCUMULUS FROM 1100-1330 THEN CUMULUS AND ALTOCUMULUS TO 1730 FOLLOWED BY SOLID OVERCAST
Jul-19	SOME SUN BET. 1500-1600 THEN PC 1630-1730 AND AGAIN 1900-1930
Jul-20	ONLY A TRACE OF PRECIP. IN 2 PDS. OF SPRINKLES
Jul-21	CLOUDY ALL DAY WITH 2 PDS. OF SPRINKLES-PARTS OF S CENTRAL VA HAD 2 INCHES OF RAIN
Jul-22	MUCH WARMER TODAY
Jul-23	HOT AGAIN WITH A HIGH OF 96°F AND HIGH DEW POINT OF 74°F AT 1141.
Jul-24	FIRST ALL DAY RAIN IN PAST 2 MONTHS AT LEAST
Jul-25	VERY PLEASANT JULY DAY WITH LOW DEW POINT TEMP. OF 57.4°F AND LIGHT NORTHERLY BREEZE UNDER PC CUMULUS SKY
Jul-26	VERY HUMID - MAX. DEW POINT AT 74.1°F AT 1245-MOSTLY CLOUDY 0630-0945 THEN PC 1800-1945
Jul-27	A COLD FRONT PASSED TODAY AND LOWERED DEW POINT TO 56.7°F AT 1520-RARE FOR JULY IN RICHMOND-MOSTLY CLOUDY TO PC FROM 1045-1330-
Jul-28	MOSTLY A CLEAR DAY EXCEPT SOME CUMULUS FROM 1045 TO 1400
Jul-29	ALTOCUMULUS FROM 0630-0815 THEN CLEAR UNTIL 1345-CLOUDY REST OF DAY-AM ABT. 20-30% CLEAR-A FEW PM SPRINKLES BET. 2030-2036
Jul-30	BEAUTIFUL COOL SUMMER DAY WITH A 6 YR. REC. LOW OF 58°F & HIGH TEMP. OF 82°F
Jul-31	SKY CLEAR UNTIL 1130 THEN CUMULUS THAT BECAME A SOLID OVERCAST BY 1415.

DATE

EXTENSION OF LENGTHY DAILY REMARKS

Jul-03	CLEAR SKIES UNTIL 0730 THEN PC TO 1100 THEN MOSTLY CLOUDY UNTIL 1620 FOLLOWED BY COMPLETE OVERCAST
Jul-18	EST. 70-80% CLOUDY
Jul-27	EST. AM CLOUD COVER 45%-EST. PM CLOUD COVER 30%