



OCTOBER 2000

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

RICHMOND, VA

R.E.BYRD INTERNATIONAL AP. (RIC)
 Lat: 37°30' N Long: 77°19' W Elev (Ground): 165 Feet
 Time Zone: EASTERN WBAN: 13740 ISSN #:0198-537X

OCTOBER 2000
RICHMOND, VA

DATE	TEMPERATURE °F							DEG DAYS BASE 65°		WEATHER	SNOW/ICE ON GND(IN)		PRECIPITATION (INCHES)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								DATE											
	MAXIMUM	MINIMUM	AVERAGE	DEP FROM NORMAL	AVERAGE DEW PT	AVERAGE WET BULB	HEATING	COOLING	0700 LST		1300 LST	2400 LST	2400 LST	AVERAGE STATION	AVERAGE SEA LEVEL	RESULTANT SPEED	RES DIR	AVERAGE SPEED	MAXIMUM																	
																			5-SEC	2-MIN	SPEED	DIR	SPEED	DIR												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24													
01	70	53	62	-2	57	59	3	0	RA FG BR				T	29.94	30.13	8.0	02	8.4	17	01	14	01	01													
02	77	57	67	3	56	60	0	2					0.00	29.80	29.99	2.9	35	5.9	15	04	12	01	02													
03	85	55	70	6	62	65	0	5	BR				0.00	29.80	29.99	5.5	24	6.3	14	22	12	25	03													
04	85*	62	74*	11	65	68	0	9	BR				0.00	29.81	30.00	7.5	20	7.8	21	21	17	20	04													
05	84	61	73	10	65	67	0	8	BR HZ				0.00	29.77	29.96	5.2	19	6.0	16	17	14	19	05													
06	84	60	72	10	62	65	0	7	RA BR SQ				T	29.71	29.89	3.2	28	8.5	41*	32	35*	33	06													
07	68	50	59	-3	43	50	6	0	RA				T	29.96	30.15	8.6	01	9.5	25	36	21	01	07													
08	53	39	46	-15	32	40	19	0					0.00	30.06	30.25	5.3	01	5.4	17	01	14	01	08													
09	55	37	46*	-15	31	39	19	0					0.00	30.03	30.23	9.5	34	10.8	28	01	23	36	09													
10	65	38	52	-9	33	43	13	0					0.00	29.97	30.16	8.6	25	9.3	24	26	20	27	10													
11	70	35	53	-7	36	45	12	0					0.00	30.05	30.25	3.3	27	3.9	17	26	15	27	11													
12	74	41	58	-1	42	50	7	0					0.00	30.14	30.33	4.5	35	4.8	16	01	14	36	12													
13	76	42	59	0	45	51	6	0					0.00	30.08	30.27	0.7	03	2.3	14	01	12	01	13													
14	78	43	61	2	48	53	4	0	BR				0.00	29.98	30.17	1.5	13	2.6	13	09	10	09	14													
15	80	45	63	4	52	56	2	0	BR				0.00	29.91	30.10	0.6	06	1.3	13	35	10	04	15													
16	80	53	67	9	56	60	0	2	BR HZ				0.00	29.91	30.10	1.8	10	2.9	10	08	8	14	16													
17	68	57	63	5	61	62	2	0	FG BR				0.00	29.97	30.16	4.6	07	5.4	14	09	12	09	17													
18	73	57	65	7	59	61	0	0	RA DZ FG BR HZ				0.01	29.87	30.06	5.2	35	6.0	22	01	15	33	18													
19	73	48	61	4	46	52	4	0	HZ				0.00	29.98	30.17	5.3	31	6.7	20	29	16	26	19													
20	73	44	59	2	48	52	6	0					0.00	30.08	30.27	2.9	15	3.2	12	18	9	19	20													
21	79	48	64	7	53	57	1	0	BR HZ				0.00	30.01	30.20	1.9	19	3.1	15	25	13	25	21													
22	74	48	61	5	51	56	4	0	BR HZ				0.00	30.20	30.39	6.9	04	7.8	21	04	16	03	22													
23	68	42	55	-1	45	49	10	0					0.00	30.37	30.56	4.2	04	5.2	15	13	12	10	23													
24	68	41	55	-1	47	51	10	0					0.00	30.22	30.41	0.7	16	1.5	7	15	7	28	24													
25	73	48	61	6	51	54	4	0					0.00	30.10	30.30	1.5	11	2.2	10	10	9	10	25													
26	65	47	56	1	53	54	9	0	BR HZ				0.00	30.07	30.26	3.5	03	4.3	14	32	9	06	26													
27	75	52	64	9	54	57	1	0	FG+ BR HZ				0.00	29.87	30.07	6.0	36	6.4	17	03	15	02	27													
28	76	46	61	6	46	54	4	0	BR HZ				0.00	29.88	30.07	9.6	35	10.4	32	01	25	01	28													
29	64	33*	49	-5	23	39	16	0					0.00	30.02	30.22	7.6	34	8.4	24	34	20	33	29													
30	67	36	52	-2	24	40	13	0					0.00	29.96	30.15	5.4	33	6.5	21	33	17	32	30													
31	63	36	50	-4	32	42	15	0					0.00	29.98	30.18	7.9	35	8.1	22	33	18	01	31													
< MONTHLY AVERAGES											TOTALS-->				0.01	29.98	30.18	2.3	35	5.8	<- MONTHLY AVERAGES															
1.7											0.4		1.1								<----- DEPARTURE FROM NORMAL ----->						-3.52		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3							
DEGREE DAYS										GREATEST 24-HR PRECIPITATION: 0.01 DATE: 18				GREATEST 24-HR SNOWFALL: DATE:				SEA LEVEL PRESSURE DATE TIME																		
MONTHLY TOTAL DEPARTURE					SEASON TO DATE TOTAL DEPARTURE					GREATEST SNOW DEPTH:				MAXIMUM MINIMUM				DATE TIME																		
HEATING: 190 -43					251 -5					NUMBER OF DAYS WITH =>				MAXIMUM TEMP ≥ 90: 0				MINIMUM TEMP ≤ 32: 0				PRECIPITATION ≥ 0.01 INCH: 1														
COOLING: 33 -1					1266 -82									MAXIMUM TEMP ≤ 32: 0				MINIMUM TEMP ≤ 0: 0				PRECIPITATION ≥ 0.10 INCH: 0														
														THUNDERSTORMS: 0				HEAVY FOG: 1				SNOWFALL ≥ 1.0 INCH: :														

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

RICHMOND, VA

OCTOBER 2000

RIC

WBAN # 13740

DATE	FOR HOUR (LST) ENDING AT												DATE	FOR HOUR (LST) ENDING AT												DATE	Sum if Different (See Note)	2400 LST	
	1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19	20	21	22	23	24			Water	Equiv.
01													01												01			T	
02													02												02			0.00	
03													03												03			0.00	
04													04												04			0.00	
05													05												05			0.00	
06													06												06			T	
07													07												07			T	
08													08												08			0.00	
09													09												09			0.00	
10													10												10			0.00	
11													11												11			0.00	
12													12												12			0.00	
13													13												13			0.00	
14													14												14			0.00	
15													15												15			0.00	
16													16												16			0.00	
17													17												17			0.00	
18			T										18												18			0.01	
19			0.01										19												19			0.00	
20													20												20			0.00	
21													21												21			0.00	
22													22												22			0.00	
23													23												23			0.00	
24													24												24			0.00	
25													25												25			0.00	
26													26												26			0.00	
27													27												27			0.00	
28													28												28			0.00	
29													29												29			0.00	
30													30												30			0.00	
31													31												31			0.00	

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)												
Ending Date												
Ending Time (Hour/Min)												

Date and time are not entered for TRACE amounts.

Note : The sum of the hourly totals is given when it differs from the daily total. NWS does not edit ASOS hourly values but may edit daily and monthly totals. Hourly, daily, and monthly totals are printed as reported by the ASOS site.

REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

* = Extreme for the month (last occurrence if more than one)

T = Trace precipitation amount

+ = also occurs on earlier date

FG+ = Heavy fog, visibility .25 miles or less
BLANK entries denote missing or unreported data

Resultant wind is the vector sum of the wind speeds and directions divided by the number of observations.

Wind direction is recorded in tens of degrees (2 digits) clockwise from true north. '00' = calm, 'VR' = variable.

Precipitation is for the 24-hour period ending at the time indicated in the column heading.

Water Equivalent of snow on the ground is reported only when the depth is 2 or more inches.

NORMALS ARE FOR THE YEARS 1961 – 1990

WEATHER NOTATIONS

QUALIFIER	WEATHER PHENOMENA		
	PRECIPITATION	OBSCURATION	OTHER
BC Patches	DZ Drizzle	BR Mist	DS Duststorm
BL Blowing	GR Hail	DU Widespread Dust	FC Funnel Cloud
DR Low Drifting	GS Small Hail and/or Snow Pellets	FG Fog	+FC Tornado Waterspout
FZ Freezing	IC Ice Crystals	FU Smoke	PO Well-Developed Dust/Sand Whirls
MI Shallow	PL Ice Pellets	HZ Haze	SQ Squalls
PR Partial	RA Rain	PY Spray	SS Sandstorm
SH Shower(s)	SG Snow Grains	SA Sand	GL Glaze
TS Thunderstorm	SN Snow	VA Volcanic Ash	
VC In the Vicinity	UP Unknown Precipitation		

Intensity (as indicated on pages 4 to 6):
'+' = Heavy '' = Moderate '-' = Light

RICHMOND, VA OCTOBER 2000

Ceilorometer (30-second) data are used to derive cloudiness at or below 12,000 feet. This cloudiness is the mean cloud cover detected during sunrise to sunset (SR-SS), or midnight to midnight (MN-MN).

Satellite data are used to derive cloudiness above 12,000 feet. Effective Cloud Amount is based on the cloud cover and the transparency of the clouds within the satellite field of view (approx. 31x31 miles).

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet. Both ceilometer and satellite data must be present to compute Sky Condition. Clear = 0-2 oktas, Partly Cloudy = 3-6 oktas, Cloudy = 7-8 oktas.

A Heating (Cooling) Degree Day is the difference between the average daily temperature and 65 degrees F. The HDD season begins July 1, the CDD season begins January 1.

Dew Point is the temperature to which the air must be cooled to achieve 100% relative humidity. Wet Bulb is the temperature the air would have if cooled to saturation at constant pressure by evaporation of water into it.

Snow Depth, Snowfall, and Sunshine data may come from nearby sites that the National Weather Service deems Climatologically representative of this site.

ADDITIONAL NOTES:

DATE	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			CEILOMETER	SATELLITE	CEILOMETER	SATELLITE			
01							.50	10.00	
02							8.00	10.00	
03							5.00	10.00	
04							3.00	10.00	
05							2.00	10.00	
06							2.00	10.00	
07							10.00	10.00	
08							10.00	10.00	
09							10.00	10.00	
10							10.00	10.00	
11							10.00	10.00	
12							10.00	10.00	
13							8.00	10.00	
14							6.00	10.00	
15							6.00	10.00	
16							3.00	10.00	
17							.25	10.00	
18							.50	10.00	
19							6.00	10.00	
20							7.00	10.00	
21							3.00	9.00	
22							3.00	10.00	
23							10.00	10.00	
24							8.00	10.00	
25							7.00	10.00	
26							1.75	7.00	
27							.06	10.00	
28							4.00	10.00	
29							10.00	10.00	
30							10.00	10.00	
31							10.00	10.00	
MONTHLY AVGS							5.97	9.87	
SUNSHINE (MINUTES)									
Total: Possible:									
Percent Possible:									
NUMBER OF DAYS WITH:									
SKY CONDITION									
CLR PTLY CLDY CLOUDY MISSING									
31									
MINIMUM VISIBILITY (MILES)									
<=0.25 <=3.0 >=7.0									
2 11 15									

OBSERVATIONS AT 3-HOURLY INTERVALS

RICHMOND, VA

OCTOBER 2000

RIC

WBAN # 13740

HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)												
	SKY COVER	CEILING 100'S OF FT		OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)		DIRECTION TENS OF DEG	STATION		SEA LEVEL	SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL					
		SATURN		SUNRISE: 0605				OCT 01		SUNSET: 1752				SATURN		SUNRISE: 0610				OCT 07		SUNSET: 1743												
01	BKN	200			9.00						55	54	54	96	5	35	30.02	30.21	01	FEW	NC					10.00	58	51	54	78	12	01	29.86	30.05
04	BKN	200			6.00						54	54	54	100	6	01	29.99	30.19	04	FEW	NC					10.00	53	48	50	83	9	36	29.90	30.09
07	OVC	001			0.50						57	57	57	100	7	03	30.00	30.19	07	CLR	NC					10.00	52	48	50	86	5	01	29.95	30.14
10	OVC	250			10.00						64	59	61	84	9	01	29.99	30.18	10	CLR	NC					10.00	63	46	54	54	10	03	29.97	30.16
13	OVC	250			10.00						70	59	63	68	8	06	29.93	30.12	13	SCT	NC					10.00	66	43	54	43	10	27	29.94	30.13
16	OVC	060			10.00						69	57	62	66	13	03	29.88	30.08	16	OVC	060					10.00	63	45	54	52	9	36	29.93	30.12
19	OVC	035			10.00						64	59	61	84	10	02	29.87	30.06	19	OVC	070					10.00	56	39	48	53	15	01	30.00	30.19
22	OVC	040			10.00						63	59	61	87	10	01	29.86	30.05	22	OVC	060					10.00	52	33	44	49	13	02	30.05	30.24
		SATURN		SUNRISE: 0606				OCT 02		SUNSET: 1750				SATURN		SUNRISE: 0611				OCT 08		SUNSET: 1742												
01	OVC	070			10.00						62	58	60	86	7	01	29.82	30.01	01	OVC	090					10.00	49	27	40	43	9	01	30.07	30.26
04	FEW	NC			10.00						58	57	57	97	8	36	29.81	30.01	04	OVC	090					10.00	47	30	40	52	12	02	30.05	30.24
07	FEW	NC			8.00						58	56	57	93	7	35	29.85	30.04	07	OVC	085					10.00	45	33	40	63	6	02	30.08	30.27
10	FEW	NC			10.00						71	56	62	59	7	05	29.84	30.03	10	OVC	085					10.00	48	32	41	54	8	01	30.09	30.29
13	SCT	NC			10.00						72	56	62	57	0	00	29.79	29.98	13	OVC	100					10.00	50	30	41	46	0	00	30.05	30.24
16	FEW	NC			10.00						76	54	63	47	5	32	29.74	29.93	16	BKN	100					10.00	53	29	43	40	7	01	30.02	30.21
19	CLR	NC			10.00						64	58	60	81	3	18	29.77	29.96	19	SCT	NC					10.00	43	38	41	82	0	00	30.03	30.22
22	CLR	NC			10.00						61	57	59	87	5	23	29.77	29.96	22	FEW	NC					10.00	41	35	38	79	9	35	30.05	30.25
		SATURN		SUNRISE: 0607				OCT 03		SUNSET: 1749				SATURN		SUNRISE: 0612				OCT 09		SUNSET: 1740												
01	CLR	NC			10.00						63	56	59	78	9	22	29.76	29.95	01	CLR	NC					10.00	40	33	37	77	10	36	30.05	30.24
04	CLR	NC			8.00						61	57	59	87	3	22	29.77	29.96	04	CLR	NC					10.00	38	33	36	83	9	35	30.03	30.23
07	CLR	NC			5.00		BR				59	57	58	93	3	18	29.81	30.00	07	CLR	NC					10.00	39	33	37	79	9	36	30.06	30.25
10	CLR	NC			10.00						78	63	68	60	9	26	29.82	30.01	10	FEW	NC					10.00	50	34	43	54	17	34	30.06	30.26
13	CLR	NC			10.00						84	64	71	51	9	25	29.79	29.98	13	BKN	060					10.00	55	31	44	40	13	34	30.03	30.22
16	CLR	NC			10.00						84	64	71	51	9	22	29.78	29.97	16	SCT	NC					10.00	53	28	42	38	9	35	29.99	30.19
19	CLR	NC			10.00						72	67	69	84	5	20	29.81	30.00	19	CLR	NC					10.00	46	29	39	51	6	28	30.02	30.22
22	CLR	NC			9.00						69	66	67	90	3	17	29.84	30.03	22	BKN	065					10.00	45	30	39	56	7	28	30.04	30.24
		SATURN		SUNRISE: 0608				OCT 04		SUNSET: 1747				SATURN		SUNRISE: 0613				OCT 10		SUNSET: 1739												
01	CLR	NC			7.00						66	64	65	93	3	16	29.84	30.03	01	CLR	NC					10.00	40	30	36	68	8	24	30.01	30.21
04	CLR	NC			5.00		BR				63	62	62	97	3	18	29.82	30.01	04	CLR	NC					10.00	38	30	35	73	9	25	29.98	30.17
07	CLR	NC			3.00		BR				64	63	63	96	3	20	29.85	30.04	07	CLR	NC					10.00	40	31	36	70	10	24	29.99	30.18
10	CLR	NC			9.00						77	66	70	69	7	22	29.86	30.04	10	CLR	NC					10.00	54	35	45	49	12	25	29.99	30.18
13	CLR	NC			10.00						85	64	71	50	14	23	29.79	29.98	13	CLR	NC					10.00	62	32	48	32	14	26	29.93	30.12
16	FEW	NC			10.00						84	67	73	57	13	21	29.76	29.95	16	CLR	NC					10.00	64	30	48	28	13	26	29.91	30.10
19	CLR	NC			8.00						71	66	68	84	9	20	29.79	29.97	19	CLR	NC					10.00	50	38	44	63	7	19	29.94	30.13
22	CLR	NC			7.00						68	65	66	90	6	20	29.80	29.99	22	CLR	NC					10.00	50	36	44	59	7	25	29.98	30.18
		SATURN		SUNRISE: 0609				OCT 05		SUNSET: 1746				SATURN		SUNRISE: 0614				OCT 11		SUNSET: 1737												
01	CLR	NC			7.00						68	64	66	87	7	21	29.81	30.00	01	CLR	NC					10.00	43	35	40	74	0	00	30.03	30.22
04	CLR	NC			5.00		BR				65	62	63	90	5	18	29.79	29.98	04	CLR	NC					10.00	37	34	36	89	0	00	30.04	30.23
07	CLR	NC			2.50		BR				65	63	64	93	5	23	29.81	30.00	07	CLR	NC					10.00	39	34	37	82	0	00	30.07	30.26
10	CLR	NC			5.00		HZ				74	66	69	76	3	VR	29.80	29.99	10	CLR	NC					10.00	61	34	48	36	10	27	30.09	30.29
13	CLR	NC			8.00						82	68	73	63	8	18	29.75	29.94	13	CLR	NC					10.00	69	33	52	26	10	29	30.04	30.23
16	CLR	NC			10.00						83	64	71	53	12	18	29.73	29.91	16	CLR	NC					10.00	69	31	51	24	12	28	30.01	30.21
19	FEW	NC			10.00						72	65	68	79	6	17	29.74	29.93	19	FEW	NC					10.00	53	42	48	66	0	00	30.03	30.22
22	CLR	NC			9.00						68	64	66	87	6	18	29.73	29.92	22	CLR	NC					10.00	47	42	45	83	0	00	30.07	30.27
		SATURN		SUNRISE: 0610				OCT 06		SUNSET: 1744																								

OBSERVATIONS AT 3-HOURLY INTERVALS

RICHMOND, VA

OCTOBER 2000

RIC

WBAN # 13740

HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE ° F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE ° F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
	DRY BULB	DEW POINT		WET BULB	DRY BULB			DEW POINT	WET BULB	SPEED (MPH)		DIRECTION TENS OF DEG	STATION	SEA LEVEL	DRY BULB		DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG			STATION	SEA LEVEL						
SUNRISE: 0616 OCT 13 SUNSET: 1734																															
01	CLR	NC				9.00		47	46	47	97	0	00	30.10	30.29	01	CLR	NC				10.00		58	46	52	65	12	35	29.92	30.11
04	CLR	NC				9.00		44	44	44	100	0	00	30.10	30.29	04	CLR	NC				10.00		52	46	49	80	7	33	29.94	30.13
07	CLR	NC				10.00		43	42	43	97	0	00	30.11	30.31	07	CLR	NC				6.00	HZ	51	46	49	83	7	32	29.99	30.18
10	CLR	NC				10.00		64	47	55	54	6	06	30.15	30.34	10	CLR	NC				10.00		66	44	55	45	8	33	30.02	30.21
13	CLR	NC				10.00		74	40	56	29	7	02	30.08	30.27	13	CLR	NC				10.00		72	43	57	35	9	29	29.97	30.16
16	FEW	NC				10.00		74	39	56	28	5	VR	30.04	30.23	16	CLR	NC				10.00		71	43	56	36	10	27	29.95	30.14
19	FEW	NC				10.00		57	50	53	78	0	00	30.03	30.22	19	CLR	NC				10.00		55	48	51	77	6	13	29.98	30.17
22	CLR	NC				10.00		51	49	50	92	0	00	30.03	30.22	22	CLR	NC				10.00		54	47	50	77	0	00	30.03	30.22
SUNRISE: 0617 OCT 14 SUNSET: 1733																															
01	CLR	NC				10.00		48	45	47	89	0	00	30.02	30.22	01	CLR	NC				10.00		50	45	48	83	0	00	30.05	30.25
04	CLR	NC				10.00		44	43	44	96	5	15	30.00	30.19	04	CLR	NC				10.00		47	45	46	93	0	00	30.08	30.27
07	CLR	NC				7.00		47	45	46	93	0	00	30.02	30.21	07	CLR	NC				7.00		46	44	45	93	0	00	30.13	30.32
10	FEW	NC				10.00		66	48	56	52	3	09	30.04	30.23	10	CLR	NC				10.00		68	43	55	41	6	13	30.14	30.33
13	BKN	250				10.00		76	45	59	33	6	09	29.97	30.16	13	SCT	NC				10.00		73	47	59	40	5	VR	30.08	30.27
16	BKN	250				10.00		76	46	59	35	6	21	29.93	30.12	16	BKN	250				10.00		68	50	58	53	6	16	30.05	30.24
19	FEW	NC				10.00		59	54	56	83	0	00	29.94	30.13	19	BKN	200				10.00		57	50	53	78	6	14	30.05	30.24
22	SCT	NC				10.00		51	50	51	96	0	00	29.93	30.12	22	CLR	NC				10.00		54	50	52	87	7	14	30.06	30.26
SUNRISE: 0618 OCT 15 SUNSET: 1732																															
01	SCT	NC				10.00		50	49	49	96	0	00	29.91	30.10	01	FEW	NC				4.00	BR	51	50	51	96	5	13	30.03	30.22
04	SCT	NC				10.00		47	46	46	97	0	00	29.91	30.10	04	CLR	NC				5.00	BR	50	49	49	96	0	00	30.02	30.21
07	SCT	NC				7.00		47	46	47	97	0	00	29.93	30.12	07	CLR	NC				5.00	BR	49	47	48	93	7	20	30.03	30.22
10	BKN	250				10.00		67	51	58	57	0	00	29.94	30.13	10	FEW	NC				8.00		65	52	58	63	6	21	30.04	30.23
13	BKN	250				10.00		78	51	62	39	6	05	29.90	30.09	13	FEW	NC				9.00		75	54	63	48	0	00	29.99	30.18
16	SCT	NC				10.00		80	51	63	37	5	36	29.87	30.07	16	OVC	250				6.00	HZ	76	55	64	48	0	00	29.96	30.15
19	FEW	NC				10.00		62	58	60	86	0	00	29.89	30.09	19	BKN	250				6.00	HZ	65	57	60	76	3	13	29.99	30.18
22	FEW	NC				7.00		58	56	57	93	0	00	29.90	30.09	22	BKN	250				5.00	BR	58	56	57	93	3	13	30.02	30.22
SUNRISE: 0619 OCT 16 SUNSET: 1730																															
01	CLR	NC				6.00	BR	56	54	55	93	0	00	29.90	30.09	01	SCT	NC				4.00	BR	56	55	55	97	6	33	30.04	30.23
04	CLR	NC				4.00	BR	53	53	53	100	3	34	29.88	30.07	04	CLR	NC				3.00	BR	54	53	53	97	7	01	30.06	30.25
07	CLR	NC				3.00	BR	54	53	53	97	3	35	29.92	30.11	07	FEW	NC				5.00	HZ	57	52	54	83	13	02	30.14	30.34
10	CLR	NC				10.00		74	54	62	50	3	VR	29.93	30.12	10	SCT	NC				10.00		66	51	58	59	14	05	30.21	30.41
13	FEW	NC				10.00		79	56	65	45	0	00	29.90	30.09	13	CLR	NC				10.00		73	50	60	44	10	07	30.21	30.40
16	BKN	250				10.00		79	57	66	47	6	13	29.88	30.06	16	CLR	NC				10.00		71	49	59	46	8	05	30.22	30.41
19	BKN	250				10.00		66	59	62	78	3	13	29.90	30.10	19	CLR	NC				10.00		59	49	54	69	8	05	30.28	30.48
22	BKN	250				8.00		62	58	60	86	5	11	29.94	30.13	22	CLR	NC				10.00		53	51	52	93	3	07	30.33	30.52
SUNRISE: 0620 OCT 17 SUNSET: 1729																															
01	OVC	250				5.00	BR	58	57	57	97	5	36	29.94	30.13	01	CLR	NC				10.00		47	47	47	100	5	03	30.35	30.54
04	OVC	010				3.00	BR	60	60	60	100	3	02	29.96	30.15	04	CLR	NC				10.00		44	43	44	96	7	02	30.36	30.55
07	OVC	005				2.50	BR	61	61	61	100	5	04	30.00	30.19	07	CLR	NC				10.00		44	43	44	96	8	36	30.41	30.60
10	OVC	013				8.00		66	63	64	90	5	05	30.01	30.20	10	CLR	NC				10.00		59	47	53	64	9	05	30.43	30.63
13	OVC	014				8.00		66	62	64	87	7	06	29.98	30.17	13	CLR	NC				10.00		66	45	55	47	8	07	30.38	30.57
16	OVC	025				8.00		67	62	64	84	8	06	29.95	30.14	16	FEW	NC				10.00		65	44	54	47	7	08	30.34	30.54
19	OVC	023				10.00		65	61	63	87	10	10	29.95	30.15	19	SCT	NC				10.00		54	45	49	72	6	09	30.36	30.55
22	OVC	011				8.00		61	60	60	97	3	07	29.95	30.14	22	FEW	NC				10.00		49	45	47	86	0	00	30.34	30.53
SUNRISE: 0621 OCT 18 SUNSET: 1728																															
01	OVC	001				0.50	FG	61	61	61	100	5	36	29.94	30.13	01	CLR	NC				10.00		45	43	44	93	0	00	30.32	30.51
04	OVC	001				1.25	BR	61	61	61	100	6	34	29.89	30.08	04	CLR	NC				10.00		42	41	42	96	0	00	30.28	30.47
07	OVC	003				3.00	BR	61	61	61	100	0	00	29.90	30.09	07	OVC	250				10.00		42	41	42	96	0	00	30.30	30.49
10	OVC	007				6.00	BR	64	62	63	93	5	30	29.89	30.09	10	OVC	250				10.00		58	49	53	72	0	00	30.28	30.47
13	OVC	025				7.00		72	61	65	69	12	31	29.83	30.02	13	SCT	NC				10.00		65	46	55	51	3	VR	30.20	30.39
16	SCT	NC				10.00		72	59	64	64	9	34	29.81	30.00	16	BKN	140				10.00		66	48	56	52	5	17	30.15	30.35
19	SCT	NC				8.00		63	59	61	87	3	04	29.85	30.04	19	BKN	140				10.00		58	51	54	78	3	15	30.15	30.35
22	CLR	NC				10.00		58	53	55	84	9	36	29.89	30.09	22	OVC	090				10.00		54	52	53	93	5	13	30.14	30.34

OBSERVATIONS AT 3-HOURLY INTERVALS

RICHMOND, VA

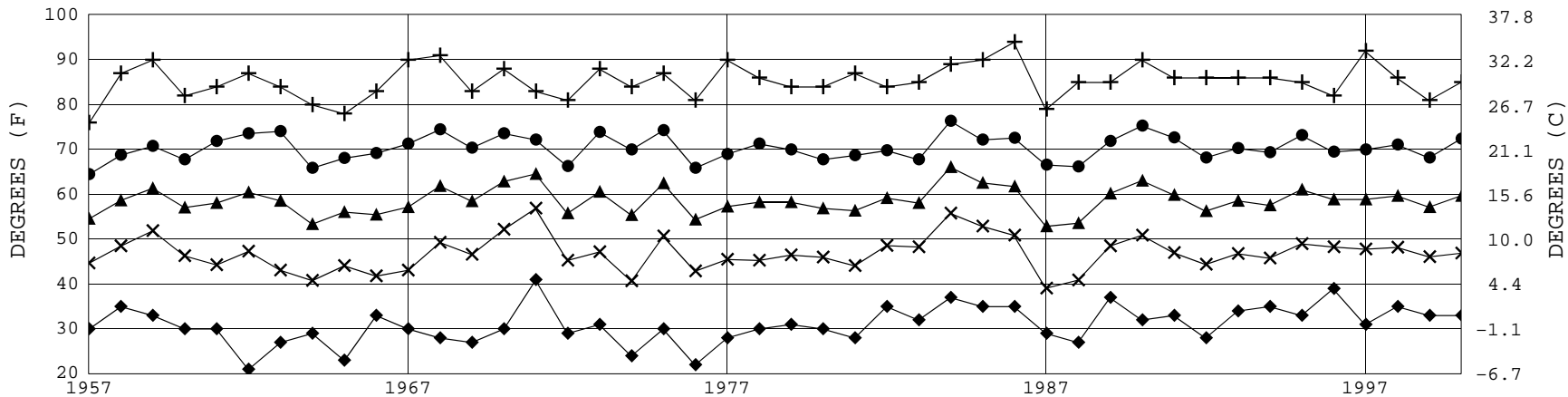
OCTOBER 2000

RIC

WBAN # 13740

HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER		CEILING 100'S OF FT	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)																																																																																																																																																																																																																																																																																																																																																			
	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)		SPEED (MPH)	DIRECTION TENS OF DEG		STATION	SEA LEVEL																																																																																																																																																																																																																																																																																																																																																											
SUNRISE: 0628							OCT 25	SUNSET: 1719							SUNRISE: 0634							OCT 31	SUNSET: 1712																																																																																																																																																																																																																																																																																																																																																								
01	SCT	NC					51	49	50	92	3	22	30.11	30.30	01	CLR	NC					10.00				41	33	38	74	5	01	29.97	30.17																																																																																																																																																																																																																																																																																																																																														
04	BKN	080					52	50	51	93	0	00	30.09	30.28	04	CLR	NC					10.00				40	33	37	77	6	33	29.98	30.18																																																																																																																																																																																																																																																																																																																																														
07	SCT	NC					49	48	48	97	0	00	30.13	30.32	07	CLR	NC					10.00				40	31	36	70	14	36	30.01	30.21																																																																																																																																																																																																																																																																																																																																														
10	OVC	040					63	52	57	68	0	00	30.13	30.33	10	CLR	NC					10.00				53	30	43	41	16	01	30.03	30.22																																																																																																																																																																																																																																																																																																																																														
13	FEW	NC					71	52	60	51	3	VR	30.09	30.29	13	CLR	NC					10.00				61	33	48	35	15	35	29.96	30.16																																																																																																																																																																																																																																																																																																																																														
16	BKN	250					69	51	59	53	6	12	30.07	30.26	16	CLR	NC					10.00				62	31	48	31	12	34	29.94	30.13																																																																																																																																																																																																																																																																																																																																														
19	CLR	NC					60	52	56	75	6	11	30.10	30.29	19	CLR	NC					10.00				50	34	43	54	0	00	29.97	30.16																																																																																																																																																																																																																																																																																																																																														
22	CLR	NC					56	52	54	87	0	00	30.11	30.30	22	CLR	NC					10.00				44	34	40	68	3	30	29.99	30.18																																																																																																																																																																																																																																																																																																																																														
SUNRISE: 0629							OCT 26	SUNSET: 1718							3-HOURLY OBSERVATION NOTES																																																																																																																																																																																																																																																																																																																																																																
01	CLR	NC				5.00 BR	51	50	51	96	0	00	30.10	30.29	Sky Cover is the amount of the sky obscured. CLR or SKC = 0, FEW = 1/8-2/8, SCT = 3/8-4/8, BKN = 5/8-7/8, OVC = 8/8, VV = Vertical Visibility = 8/8.																																																																																																																																																																																																																																																																																																																																																																
04	CLR	NC				6.00 BR	48	48	48	100	0	00	30.09	30.28	Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.																																																																																																																																																																																																																																																																																																																																																																
07	SCT	NC				1.75 BR	48	48	48	100	6	35	30.10	30.29	NC= No ceiling detected.																																																																																																																																																																																																																																																																																																																																																																
10	OVC	250				7.00	61	56	58	84	7	07	30.13	30.32	& = Original observation contained additional weather elements.																																																																																																																																																																																																																																																																																																																																																																
13	OVC	250				6.00 HZ	63	56	59	78	6	03	30.07	30.27	See page 3 for additional notes.																																																																																																																																																																																																																																																																																																																																																																
16	OVC	180				5.00 HZ	64	54	58	70	5	05	30.04	30.23																																																																																																																																																																																																																																																																																																																																																																	
19	OVC	200				5.00 HZ	58	53	55	84	7	04	30.03	30.22																																																																																																																																																																																																																																																																																																																																																																	
22	OVC	200				5.00 BR	55	54	54	96	5	01	30.03	30.22																																																																																																																																																																																																																																																																																																																																																																	
SUNRISE: 0630							OCT 27	SUNSET: 1716							SUMMARY BY HOUR																																																																																																																																																																																																																																																																																																																																																																
01	BKN	200				3.00 BR	54	53	53	97	3	35	30.00	30.19	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="3">HOUR (LST)</th> <th colspan="10">AVERAGES</th> <th colspan="2">RESULTANT WIND (MPH)</th> </tr> <tr> <th rowspan="2">CEILOMETER</th> <th rowspan="2">EFF CLD AMT</th> <th rowspan="2">DRY BULB</th> <th rowspan="2">DEW POINT</th> <th rowspan="2">WET BULB</th> <th rowspan="2">RELATIVE HUMIDITY</th> <th colspan="2">PRESSURE (INCHES, HG)</th> <th rowspan="2">VISIBILITY (MILES)</th> <th rowspan="2">WIND SPEED (MPH)</th> <th rowspan="2">SPEED</th> <th rowspan="2">DIRECTION</th> </tr> <tr> <th>STATION</th> <th>SEA LEVEL</th> </tr> </thead> <tbody> <tr><td>01</td><td></td><td></td><td>53</td><td>47</td><td>50</td><td>84</td><td>29.99</td><td>30.18</td><td>8.15</td><td>5</td><td>2</td><td>35</td></tr> <tr><td>02</td><td></td><td></td><td>52</td><td>47</td><td>49</td><td>85</td><td>29.98</td><td>30.17</td><td>7.84</td><td>4</td><td>2</td><td>35</td></tr> <tr><td>03</td><td></td><td></td><td>51</td><td>47</td><td>49</td><td>86</td><td>29.98</td><td>30.17</td><td>7.73</td><td>4</td><td>2</td><td>34</td></tr> <tr><td>04</td><td></td><td></td><td>50</td><td>47</td><td>49</td><td>88</td><td>29.98</td><td>30.17</td><td>7.65</td><td>5</td><td>3</td><td>35</td></tr> <tr><td>05</td><td></td><td></td><td>50</td><td>46</td><td>48</td><td>89</td><td>29.99</td><td>30.18</td><td>7.24</td><td>5</td><td>2</td><td>36</td></tr> <tr><td>06</td><td></td><td></td><td>49</td><td>46</td><td>48</td><td>90</td><td>30.00</td><td>30.19</td><td>7.31</td><td>4</td><td>3</td><td>36</td></tr> <tr><td>07</td><td></td><td></td><td>50</td><td>47</td><td>49</td><td>88</td><td>30.01</td><td>30.20</td><td>6.57</td><td>5</td><td>3</td><td>35</td></tr> <tr><td>08</td><td></td><td></td><td>55</td><td>49</td><td>52</td><td>80</td><td>30.02</td><td>30.21</td><td>7.08</td><td>6</td><td>3</td><td>35</td></tr> <tr><td>09</td><td></td><td></td><td>60</td><td>49</td><td>54</td><td>68</td><td>30.02</td><td>30.21</td><td>8.66</td><td>7</td><td>4</td><td>34</td></tr> <tr><td>10</td><td></td><td></td><td>64</td><td>48</td><td>56</td><td>59</td><td>30.02</td><td>30.21</td><td>9.16</td><td>8</td><td>4</td><td>35</td></tr> <tr><td>11</td><td></td><td></td><td>67</td><td>48</td><td>57</td><td>53</td><td>30.01</td><td>30.20</td><td>9.19</td><td>7</td><td>3</td><td>36</td></tr> <tr><td>12</td><td></td><td></td><td>69</td><td>48</td><td>58</td><td>49</td><td>29.99</td><td>30.18</td><td>9.45</td><td>7</td><td>4</td><td>35</td></tr> <tr><td>13</td><td></td><td></td><td>71</td><td>47</td><td>58</td><td>46</td><td>29.97</td><td>30.16</td><td>9.61</td><td>8</td><td>4</td><td>32</td></tr> <tr><td>14</td><td></td><td></td><td>71</td><td>47</td><td>58</td><td>44</td><td>29.95</td><td>30.14</td><td>9.61</td><td>7</td><td>3</td><td>33</td></tr> <tr><td>15</td><td></td><td></td><td>71</td><td>47</td><td>58</td><td>45</td><td>29.94</td><td>30.14</td><td>9.61</td><td>9</td><td>3</td><td>34</td></tr> <tr><td>16</td><td></td><td></td><td>70</td><td>47</td><td>58</td><td>46</td><td>29.94</td><td>30.13</td><td>9.65</td><td>8</td><td>3</td><td>33</td></tr> <tr><td>17</td><td></td><td></td><td>68</td><td>48</td><td>57</td><td>51</td><td>29.94</td><td>30.14</td><td>9.61</td><td>7</td><td>2</td><td>34</td></tr> <tr><td>18</td><td></td><td></td><td>62</td><td>50</td><td>56</td><td>65</td><td>29.96</td><td>30.15</td><td>9.58</td><td>5</td><td>1</td><td>4</td></tr> <tr><td>19</td><td></td><td></td><td>59</td><td>50</td><td>54</td><td>73</td><td>29.97</td><td>30.16</td><td>9.58</td><td>5</td><td>2</td><td>7</td></tr> <tr><td>20</td><td></td><td></td><td>57</td><td>49</td><td>53</td><td>75</td><td>29.97</td><td>30.17</td><td>9.52</td><td>4</td><td>1</td><td>3</td></tr> <tr><td>21</td><td></td><td></td><td>55</td><td>49</td><td>52</td><td>79</td><td>29.98</td><td>30.17</td><td>9.42</td><td>4</td><td>1</td><td>36</td></tr> <tr><td>22</td><td></td><td></td><td>55</td><td>48</td><td>52</td><td>80</td><td>29.99</td><td>30.18</td><td>9.29</td><td>5</td><td>2</td><td>1</td></tr> <tr><td>23</td><td></td><td></td><td>54</td><td>47</td><td>51</td><td>80</td><td>29.99</td><td>30.18</td><td>8.90</td><td>5</td><td>2</td><td>35</td></tr> <tr><td>24</td><td></td><td></td><td>53</td><td>47</td><td>50</td><td>81</td><td>29.99</td><td>30.18</td><td>8.58</td><td>4</td><td>2</td><td>36</td></tr> </tbody> </table>														HOUR (LST)	AVERAGES										RESULTANT WIND (MPH)		CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (INCHES, HG)		VISIBILITY (MILES)	WIND SPEED (MPH)	SPEED	DIRECTION	STATION	SEA LEVEL	01			53	47	50	84	29.99	30.18	8.15	5	2	35	02			52	47	49	85	29.98	30.17	7.84	4	2	35	03			51	47	49	86	29.98	30.17	7.73	4	2	34	04			50	47	49	88	29.98	30.17	7.65	5	3	35	05			50	46	48	89	29.99	30.18	7.24	5	2	36	06			49	46	48	90	30.00	30.19	7.31	4	3	36	07			50	47	49	88	30.01	30.20	6.57	5	3	35	08			55	49	52	80	30.02	30.21	7.08	6	3	35	09			60	49	54	68	30.02	30.21	8.66	7	4	34	10			64	48	56	59	30.02	30.21	9.16	8	4	35	11			67	48	57	53	30.01	30.20	9.19	7	3	36	12			69	48	58	49	29.99	30.18	9.45	7	4	35	13			71	47	58	46	29.97	30.16	9.61	8	4	32	14			71	47	58	44	29.95	30.14	9.61	7	3	33	15			71	47	58	45	29.94	30.14	9.61	9	3	34	16			70	47	58	46	29.94	30.13	9.65	8	3	33	17			68	48	57	51	29.94	30.14	9.61	7	2	34	18			62	50	56	65	29.96	30.15	9.58	5	1	4	19			59	50	54	73	29.97	30.16	9.58	5	2	7	20			57	49	53	75	29.97	30.17	9.52	4	1	3	21			55	49	52	79	29.98	30.17	9.42	4	1	36	22			55	48	52	80	29.99	30.18	9.29	5	2	1	23			54	47	51	80	29.99	30.18	8.90	5	2	35	24			53	47	50	81	29.99	30.18	8.58	4	2	36
HOUR (LST)	AVERAGES										RESULTANT WIND (MPH)																																																																																																																																																																																																																																																																																																																																																																				
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (INCHES, HG)		VISIBILITY (MILES)	WIND SPEED (MPH)	SPEED	DIRECTION																																																																																																																																																																																																																																																																																																																																																																			
							STATION	SEA LEVEL																																																																																																																																																																																																																																																																																																																																																																							
01			53	47	50	84	29.99	30.18	8.15	5	2	35																																																																																																																																																																																																																																																																																																																																																																			
02			52	47	49	85	29.98	30.17	7.84	4	2	35																																																																																																																																																																																																																																																																																																																																																																			
03			51	47	49	86	29.98	30.17	7.73	4	2	34																																																																																																																																																																																																																																																																																																																																																																			
04			50	47	49	88	29.98	30.17	7.65	5	3	35																																																																																																																																																																																																																																																																																																																																																																			
05			50	46	48	89	29.99	30.18	7.24	5	2	36																																																																																																																																																																																																																																																																																																																																																																			
06			49	46	48	90	30.00	30.19	7.31	4	3	36																																																																																																																																																																																																																																																																																																																																																																			
07			50	47	49	88	30.01	30.20	6.57	5	3	35																																																																																																																																																																																																																																																																																																																																																																			
08			55	49	52	80	30.02	30.21	7.08	6	3	35																																																																																																																																																																																																																																																																																																																																																																			
09			60	49	54	68	30.02	30.21	8.66	7	4	34																																																																																																																																																																																																																																																																																																																																																																			
10			64	48	56	59	30.02	30.21	9.16	8	4	35																																																																																																																																																																																																																																																																																																																																																																			
11			67	48	57	53	30.01	30.20	9.19	7	3	36																																																																																																																																																																																																																																																																																																																																																																			
12			69	48	58	49	29.99	30.18	9.45	7	4	35																																																																																																																																																																																																																																																																																																																																																																			
13			71	47	58	46	29.97	30.16	9.61	8	4	32																																																																																																																																																																																																																																																																																																																																																																			
14			71	47	58	44	29.95	30.14	9.61	7	3	33																																																																																																																																																																																																																																																																																																																																																																			
15			71	47	58	45	29.94	30.14	9.61	9	3	34																																																																																																																																																																																																																																																																																																																																																																			
16			70	47	58	46	29.94	30.13	9.65	8	3	33																																																																																																																																																																																																																																																																																																																																																																			
17			68	48	57	51	29.94	30.14	9.61	7	2	34																																																																																																																																																																																																																																																																																																																																																																			
18			62	50	56	65	29.96	30.15	9.58	5	1	4																																																																																																																																																																																																																																																																																																																																																																			
19			59	50	54	73	29.97	30.16	9.58	5	2	7																																																																																																																																																																																																																																																																																																																																																																			
20			57	49	53	75	29.97	30.17	9.52	4	1	3																																																																																																																																																																																																																																																																																																																																																																			
21			55	49	52	79	29.98	30.17	9.42	4	1	36																																																																																																																																																																																																																																																																																																																																																																			
22			55	48	52	80	29.99	30.18	9.29	5	2	1																																																																																																																																																																																																																																																																																																																																																																			
23			54	47	51	80	29.99	30.18	8.90	5	2	35																																																																																																																																																																																																																																																																																																																																																																			
24			53	47	50	81	29.99	30.18	8.58	4	2	36																																																																																																																																																																																																																																																																																																																																																																			
04	OVC	002				1.00 BR	54	54	54	100	6	36	29.95	30.15																																																																																																																																																																																																																																																																																																																																																																	
07	VV	001				0.06 FG	54	54	54	100	8	36	29.95	30.14																																																																																																																																																																																																																																																																																																																																																																	
10	OVC	005				2.00 BR	61	57	59	87	8	03	29.94	30.14																																																																																																																																																																																																																																																																																																																																																																	
13	BKN	250				10.00	72	56	62	57	9	35	29.86	30.05																																																																																																																																																																																																																																																																																																																																																																	
16	BKN	250				10.00	72	52	60	50	12	36	29.79	29.98																																																																																																																																																																																																																																																																																																																																																																	
19	BKN	250				10.00	62	53	57	73	0	00	29.78	29.97																																																																																																																																																																																																																																																																																																																																																																	
22	BKN	250				10.00	60	54	57	80	3	32	29.78	29.97																																																																																																																																																																																																																																																																																																																																																																	
SUNRISE: 0631							OCT 28	SUNSET: 1715																																																																																																																																																																																																																																																																																																																																																																							
01	FEW	NC				5.00 BR	57	53	55	87	3	27	29.76	29.94																																																																																																																																																																																																																																																																																																																																																																	
04	SCT	NC				5.00 HZ	59	54	56	83	6	30	29.75	29.94																																																																																																																																																																																																																																																																																																																																																																	
07	FEW	NC				5.00 BR	60	56	58	86	8	34	29.80	29.99																																																																																																																																																																																																																																																																																																																																																																	
10	CLR	NC				10.00	72	56	62	57	16	35	29.83	30.02																																																																																																																																																																																																																																																																																																																																																																	
13	BKN	070				10.00	74	50	60	43	12	33	29.84	30.03																																																																																																																																																																																																																																																																																																																																																																	
16	SCT	NC				10.00	68	51	59	55	20	02	29.87	30.06																																																																																																																																																																																																																																																																																																																																																																	
19	CLR	NC				10.00	57	30	45	36	10	01	29.98	30.17																																																																																																																																																																																																																																																																																																																																																																	
22	CLR	NC				10.00	49	32	42	52	8	01	30.05	30.24																																																																																																																																																																																																																																																																																																																																																																	
SUNRISE: 0632							OCT 29	SUNSET: 1714																																																																																																																																																																																																																																																																																																																																																																							
01	CLR	NC				10.00	44	31	39	60	3	36	30.08	30.27																																																																																																																																																																																																																																																																																																																																																																	
04	CLR	NC				10.00	39	31	36	73	0	00	30.09	30.28																																																																																																																																																																																																																																																																																																																																																																	
07	CLR	NC				10.00	35	28	32	76	5	03	30.09	30.29																																																																																																																																																																																																																																																																																																																																																																	
10	CLR	NC				10.00	54	16	40	22	12	35	30.09	30.28																																																																																																																																																																																																																																																																																																																																																																	
13	CLR	NC				10.00	61	17	44	18	17	32	30.00	30.19																																																																																																																																																																																																																																																																																																																																																																	
16	CLR	NC				10.00	63	18	45	17	12	31	29.93	30.12																																																																																																																																																																																																																																																																																																																																																																	
19	CLR	NC				10.00	50	26	40	39	3	32	29.94	30.14																																																																																																																																																																																																																																																																																																																																																																	
22	CLR	NC				10.00	52	21	40	30	14	36	29.98	30.17																																																																																																																																																																																																																																																																																																																																																																	
SUNRISE: 0633							OCT 30	SUNSET: 1713																																																																																																																																																																																																																																																																																																																																																																							
01	CLR	NC				10.00	49	21	38	33	12	36	30.00	30.19																																																																																																																																																																																																																																																																																																																																																																	
04	CLR	NC				10.00	42	21	34	43	7	33	30.01	30.20																																																																																																																																																																																																																																																																																																																																																																	
07	CLR	NC				10.00	39	24	33	55	0	00	30.01	30.21																																																																																																																																																																																																																																																																																																																																																																	
10	CLR	NC				10.00	55	20	41	25	12	28	29.99	30.19																																																																																																																																																																																																																																																																																																																																																																	
13	CLR	NC				10.00	64	18	45	17	13	32	29.92	30.11																																																																																																																																																																																																																																																																																																																																																																	
16	CLR	NC				10.00	66	22	47	19	7	29	29.87	30.06																																																																																																																																																																																																																																																																																																																																																																	
19	CLR	NC				10.00	50	33	43	52	0	00	29.90	30.10																																																																																																																																																																																																																																																																																																																																																																	
22	CLR	NC				10.00	45	32	39	61	0	00	29.94	30.14																																																																																																																																																																																																																																																																																																																																																																	

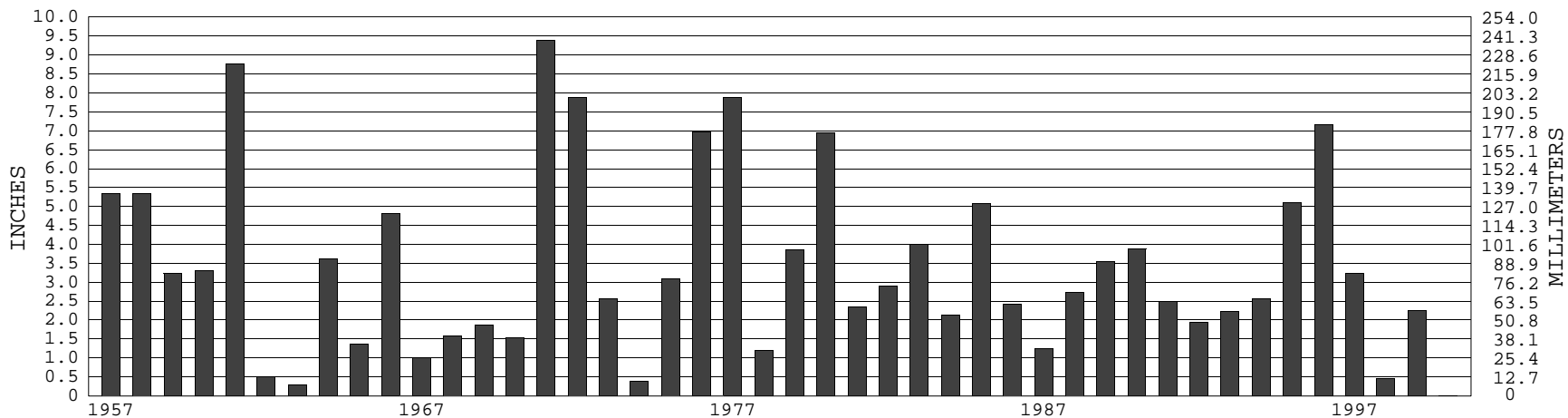
RICHMOND, VA OCTOBER TEMPERATURES



+ Extreme Max. ● Mean Max. ▲ Mean × Mean Min. ◆ Extreme Min.

Long-Term (1957-2000) Mean: 58.6 1961-1990 Normal: 58.6

RICHMOND, VA OCTOBER PRECIPITATION



Long-Term (1957-2000) Mean Monthly Total: 3.43

1961-1990 Normal: 3.53



**OCTOBER 2000
RICHMOND, VA**

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites operated by NOAA – National Weather Service / Department Of Transportation – Federal Aviation Administration and received at the National Climatic Data Center (NCDC), Asheville, North Carolina 28801.

DIRECTOR

NCDC now offers an annual online subscription for the **Edited Local Climatological Data Publication**. When you purchase this subscription service, you will have **immediate online access** to all previous publications back to July 1996 and all publications thereafter until the expiration of the subscription. Your subscription is valid for one year after purchase. **The total cost is \$24 for online delivery (including back issues) compared to \$32 for offline delivery.** To order this and other subscriptions online with your credit card, go to: www.ncdc.noaa.gov/mpp.html and choose subscriptions.

We welcome your questions or comments, please contact us at
Toll Free Number (866) 742–3322 (voice)
Fax Number :(304) 726–4409
TDD : 828–271–4010
or Email : info@ncdc.noaa.gov
Local Climatological Data is available at www.ncdc.noaa.gov

For address correction, please return a photocopy of this page to Subscription Services indicating changes

NCDC Subscription Services Center
310 State Route 956 Building 300
Rocket Center, WV 26726

OFFICIAL BUSINESS. PENALTY FOR PRIVATE USE \$300

FIRST CLASS
POSTAGE AND FEES PAID
NOAA
PERMIT G-19