



APRIL 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

APRIL 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											
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	35*	53	0	36	46	12	0					0.00	30.05	30.24	6.4	19	7.2	20	23	16	19	01									
02	66	51	59	6	48	53	6	0	RA				T	29.93	30.13	11.0	20	11.3	32	22	28	22	02									
03	76	58	67	13	60	63	0	2	RA BR				0.07	29.72	29.90	12.3	20	13.0	33	20	26	19	03									
04	71	45	58	4	47	54	7	0	RA DZ				T	29.47	29.66	12.6	24	16.5	40	24	31	23	04									
05	60	39	50	-4	22	38	15	0					0.00	29.75	29.94	10.6	27	12.0	29	28	24	28	05									
06	80*	46	63	8	38	51	2	0					0.00	29.62	29.81	14.9	22	15.1	36	21	30	22	06									
07	79	48	64	9	44	55	1	0					0.00	29.72	29.91	8.4	15	10.5	24	16	20	19	07									
08	78	40	59	4	46	53	6	0	RA BR				0.88	29.50	29.69	9.7	22	18.1	47*	29	40*	29	08									
09	59	38	49	-6	24	38	16	0	RA				0.02	29.75	29.94	14.6	30	16.0	38	29	31	29	09									
10	70	41	56	0	35	47	9	0					0.00	29.99	30.18	4.0	25	8.1	26	28	20	29	10									
11	77	50	64	8	45	54	1	0	RA				T	29.97	30.17	7.2	22	9.1	31	22	25	21	11									
12	66	44	55	-1	43	50	10	0	RA				T	30.07	30.26	8.3	02	11.0	26	02	22	02	12									
13	52	41	47*	-10	31	40	18	0	RA				0.02	30.28	30.48	6.5	07	8.3	22	06	18	07	13									
14	62	43	53	-4	44	48	12	0	RA DZ BR HZ				T	30.14	30.33	7.0	06	7.3	16	10	14	07	14									
15	65	51	58	1	58	58	7	0	RA DZ FG BR				0.31	29.90	30.09	5.0	03	5.9	14	08	11	08	15									
16	78	59	69*	12	60	62	0	4	RA BR				T	29.80	29.99	1.8	25	3.9	16	18	13	17	16									
17	75	53	64	6	58	59	1	0	TS TSRA RA BR				1.67	29.71	29.90	7.5	09	9.6	30	06	24	07	17									
18	53	46	50	-8	48	49	15	0	TSRA RA DZ BR				0.64	29.68	29.87	14.6	01	15.9	31	01	23	01	18									
19	66	46	56	-2	46	49	9	0					0.00	29.82	30.01	9.5	01	10.8	26	36	22	36	19									
20	71	45	58	0	50	54	7	0	BR				0.00	29.83	30.02	6.8	16	7.9	21	13	17	17	20									
21	74	53	64	5	56	59	1	0	TS TSRA RA BR				0.50	29.45	29.63	6.1	20	11.9	23	30	20	29	21									
22	59	47	53	-6	46	50	12	0	RA				T	29.47	29.66	6.5	34	7.0	21	36	15	35	22									
23	67	47	57	-3	44	50	8	0					0.00	29.61	29.80	6.2	35	7.0	22	31	17	30	23									
24	64	43	54	-6	42	49	11	0	RA BR				0.01	29.71	29.90	3.3	03	4.9	16	03	15	03	24									
25	53	44	49	-11	46	47	16	0	RA BR				0.58	29.63	29.83	10.8	03	11.5	29	02	23	02	25									
26	58	41	50	-11	40	45	15	0					0.00	29.83	30.02	3.0	12	6.3	16	12	14	13	26									
27	58	44	51	-10	46	47	14	0	RA BR				0.08	29.80	29.99	6.3	14	7.3	20	14	17	14	27									
28	61	47	54	-7	49	51	11	0	RA BR HZ				T	29.72	29.91	4.0	07	6.1	17	10	15	10	28									
29	66	44	55	-6	46	50	10	0	BR				0.00	29.78	29.97	3.3	35	5.8	18	04	13	04	29									
30	74	46	60	-1	42	51	5	0					0.00	29.92	30.11	5.3	32	8.3	26	32	22	32	30									
< MONTHLY AVERAGES										TOTALS-->				4.78	29.79	29.98	0.9	26	9.8	<- MONTHLY AVERAGES												
-3.1										1.2				-0.9				<----- DEPARTURE FROM NORMAL ----->										1.82	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3			
DEGREE DAYS										GREATEST 24-HR PRECIPITATION: 2.29				DATE: 17-18				SEA LEVEL PRESSURE				DATE TIME										
MONTHLY										GREATEST 24-HR SNOWFALL:				MAXIMUM				: 30.55				13 0854										
TOTAL DEPARTURE										GREATEST SNOW DEPTH:				MINIMUM				: 29.49				08 1554										
SEASON TO DATE										NUMBER OF DAYS WITH				MAXIMUM TEMP ≥ 90: 0				MINIMUM TEMP ≤ 32: 0				PRECIPITATION ≥ 0.01 INCH: 11										
HEATING: 257										MAXIMUM TEMP ≤ 32: 0				MINIMUM TEMP ≤ 0: 0				PRECIPITATION ≥ 0.10 INCH: 6														
COOLING: 6										THUNDERSTORMS: 3				HEAVY FOG: 0				SNOWFALL ≥ 1.0 INCH: 0														

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

RICHMOND, VA

APRIL 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		0.00		
02													02												02		T		
03													03												03		T	0.07	
04	T												04	T										04		T			
05													05											05		T	0.00		
06													06											06		T	0.00		
07													07											07		T	0.00		
08													08											08		T	0.88		
09	0.01												09											09		T	0.02		
10													10											10		T	0.00		
11													11											11		T			
12	T												12											12		T			
13													13											13		T	0.02		
14													14											14		T			
15	T	0.01	0.09	T	T	0.02	0.01	0.02	0.04	0.03	T	T	15	0.01	0.01	0.03	0.02	T	T	0.01	T	0.01	T	15		T	0.31		
16													16											16		T			
17													17	0.01	0.74	0.12	0.01	T	0.03	0.13	0.18	0.27	0.07	0.10	0.01	17		1.67	
18	0.35	0.14	0.09	0.01	T	T	0.02	T	T	0.01	T	T	18	T	T	0.01	T	0.01	T	T	T	T	T	18		T	0.64		
19													19											19		T	0.00		
20													20											20		T	0.00		
21	T	T											21											21		T	0.50		
22													22											22		T			
23													23											23		T	0.00		
24													24											24		T	0.01		
25	0.01	0.04	0.06	0.07	0.04	0.05	0.07	0.04	0.01				25	0.09	0.02	0.02	0.03	T	0.02	T	T	T		25		T	0.58		
26													26											26		T	0.00		
27													27											27		T	0.08		
28													28											28		T			
29													29											29		T	0.00		
30													30											30		T	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.

OBSERVATIONS AT 3-HOURLY INTERVALS

RICHMOND, VA

APRIL 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: 0554								APR 01	SUNSET: 1832								SUNRISE: 0545								APR 07	SUNSET: 1838							
01	CLR	NC				10.00		39	36	38	89	0	00	30.05	30.25	01	CLR	NC				10.00		66	40	53	39	5	25	29.69	29.88		
04	CLR	NC				10.00		39	35	37	86	0	00	30.04	30.23	04	CLR	NC				10.00		50	43	47	77	0	00	29.74	29.93		
07	CLR	NC				10.00		43	37	40	80	6	25	30.10	30.29	07	BKN	090				10.00		59	42	51	54	7	09	29.82	30.01		
10	CLR	NC				10.00		58	37	48	46	7	25	30.14	30.33	10	BKN	250				10.00		73	36	54	26	13	10	29.83	30.01		
13	BKN	250				10.00		66	33	50	29	9	19	30.06	30.26	13	BKN	250				10.00		77	40	57	26	13	14	29.77	29.96		
16	BKN	250				10.00		70	36	53	29	13	19	30.00	30.19	16	BKN	250				10.00		78	46	60	32	13	15	29.66	29.85		
19	FEW	NC				10.00		58	38	48	48	8	18	30.00	30.19	19	BKN	250				10.00		73	50	60	44	12	17	29.63	29.82		
22	CLR	NC				10.00		56	38	47	51	10	19	30.01	30.20	22	SCT	NC				10.00		70	48	58	46	14	19	29.64	29.83		
SUNRISE: 0553								APR 02	SUNSET: 1833								SUNRISE: 0544								APR 08	SUNSET: 1839							
01	CLR	NC				10.00		55	38	47	53	15	20	30.00	30.19	01	CLR	NC				10.00		66	52	58	61	17	19	29.60	29.79		
04	OVC	200				10.00		52	37	45	57	12	19	29.99	30.19	04	CLR	NC				10.00		60	48	54	65	15	19	29.58	29.77		
07	OVC	180				10.00		52	42	47	69	12	19	30.00	30.19	07	FEW	NC				10.00		60	45	52	58	16	19	29.59	29.78		
10	OVC	200				10.00		61	49	55	65	16	20	29.97	30.16	10	SCT	NC				10.00		73	50	60	44	22	21	29.51	29.69		
13	OVC	039				10.00		62	48	55	60	12	21	29.94	30.13	13	SCT	NC				10.00		77	47	60	35	22	20	29.39	29.57		
16	OVC	065				10.00		63	51	56	65	12	19	29.88	30.07	16	OVC	070				10.00		74	49	60	41	14	21	29.30	29.49		
19	OVC	044				10.00		61	55	58	81	9	19	29.86	30.06	19	OVC	020				2.50	+RA BR	47	46	46	97	9	33	29.52	29.71		
22	OVC	043				10.00	-RA	59	57	58	93	5	19	29.87	30.06	22	OVC	023				4.00	RA BR	41	39	40	93	12	36	29.51	29.70		
SUNRISE: 0551								APR 03	SUNSET: 1834								SUNRISE: 0543								APR 09	SUNSET: 1840							
01	OVC	036				10.00		59	56	57	90	6	19	29.84	30.03	01	OVC	035				7.00		40	36	38	86	20	31	29.56	29.75		
04	OVC	150				10.00		59	57	58	93	10	20	29.81	30.00	04	OVC	040				10.00		38	30	35	73	18	32	29.61	29.80		
07	OVC	013				6.00	-RA BR	61	59	60	93	9	21	29.82	30.01	07	CLR	NC				10.00		40	20	33	45	18	29	29.73	29.92		
10	OVC	060				10.00		64	62	63	93	13	19	29.75	29.95	10	CLR	NC				10.00		46	17	35	31	18	29	29.81	30.01		
13	OVC	020				10.00		67	62	64	84	14	22	29.74	29.93	13	CLR	NC				10.00		53	18	40	25	21	29	29.77	29.97		
16	SCT	NC				10.00		75	61	66	62	17	22	29.66	29.85	16	SCT	NC				10.00		59	19	43	21	16	27	29.74	29.93		
19	OVC	055				10.00		70	62	65	76	7	14	29.61	29.80	19	BKN	095				10.00		56	22	42	27	17	30	29.80	29.99		
22	OVC	150				10.00		71	62	65	73	22	19	29.58	29.76	22	CLR	NC				10.00		43	31	38	63	5	15	29.87	30.06		
SUNRISE: 0550								APR 04	SUNSET: 1835								SUNRISE: 0541								APR 10	SUNSET: 1840							
01	BKN	150				10.00		67	59	62	76	24	19	29.48	29.67	01	FEW	NC				10.00		41	30	37	65	6	19	29.88	30.08		
04	OVC	033				10.00		68	61	64	78	21	20	29.42	29.61	04	OVC	075				10.00		47	29	39	50	8	26	29.93	30.12		
07	OVC	030				10.00		64	57	60	78	14	22	29.44	29.63	07	BKN	075				10.00		47	30	40	52	6	28	30.02	30.21		
10	OVC	100				10.00		69	59	63	70	14	22	29.40	29.59	10	FEW	NC				10.00		58	31	46	36	0	00	30.03	30.23		
13	OVC	040				10.00		63	51	56	65	21	27	29.42	29.61	13	BKN	250				10.00		67	34	51	30	10	28	30.00	30.19		
16	OVC	070				10.00	-RA	60	48	54	65	15	24	29.41	29.60	16	SCT	NC				10.00		70	36	53	29	13	23	29.96	30.16		
19	BKN	110				10.00		55	30	44	39	18	30	29.50	29.69	19	BKN	250				10.00		63	37	50	38	6	18	30.00	30.19		
22	FEW	NC				10.00		48	27	39	44	12	30	29.63	29.82	22	BKN	110				10.00		55	45	50	69	10	07	30.05	30.24		
SUNRISE: 0548								APR 05	SUNSET: 1836								SUNRISE: 0540								APR 11	SUNSET: 1841							
01	CLR	NC				10.00		44	25	37	47	10	28	29.68	29.87	01	OVC	110				10.00		53	46	50	77	6	12	30.05	30.24		
04	FEW	NC				10.00		40	25	34	55	8	28	29.69	29.88	04	OVC	180				10.00		52	46	49	80	0	00	30.03	30.22		
07	CLR	NC				10.00		41	14	32	33	15	30	29.79	29.99	07	BKN	150				10.00		53	45	49	74	0	00	30.06	30.25		
10	FEW	NC				10.00		47	18	36	31	16	30	29.80	29.99	10	BKN	150				10.00		65	42	53	44	9	24	30.04	30.24		
13	FEW	NC				10.00		54	22	41	29	14	29	29.76	29.95	13	OVC	250				10.00		74	43	57	33	17	24	29.95	30.15		
16	FEW	NC				10.00		58	19	42	22	10	30	29.72	29.91	16	BKN	250				10.00		75	43	58	32	18	21	29.89	30.08		
19	BKN	250				10.00		54	22	41	29	8	23	29.72	29.92	19	OVC	250				10.00		69	47	57	45	9	20	29.89	30.09		
22	SCT	NC				10.00		47	29	39	50	7	19	29.75	29.95	22	OVC	080				10.00		69	49	58	49	12	24	29.92	30.11		
SUNRISE: 0547								APR 06	SUNSET: 1837								SUNRISE: 0538								APR 12	SUNSET: 1842							
01	CLR	NC				10.00		47	29	39	50	10	22	29.75	29.94	01	OVC	070				10.00		59	51	55	75	3	07	29.91	30.10		
04	CLR	NC				10.00		48	28	40	46	13	22	29.70	29.89	04	OVC	065				10.00		57	51	54	81	5	20	29.91	30.10		
07	CLR	NC				10.00		50	30	41	46	14	22	29.68	29.87	07	OVC	080				10.00		61	50	55	67	10	25	29.96	30.15		
10	OVC	250				10.00		65	37	51	36	18	21	29.61	29.80	10	OVC	250				10.00		64	51	57	63	14	04	30.04	30.23		
13	SCT	NC				10.00		75	42	57	31	23	22	29.54	29.73	13	OVC	040				10.00		64	48	55	56	14	03	30.07	30.26		
16	FEW	NC				10.00		79	44	60	29	25	22	29.49	29.69	16	OVC	100				10.00		61	41	51	48	14	05	30.07	30.26		
19	SCT	NC				10.00		74	46	59	37	10	23	29.55	29.74	19	OVC	050				10.00		51	30	42	45	20	03	30.19	30.38		
22	FEW	NC				10.00		67	46	56	47	9	22	29.64	29.83	22	OVC	055				10.00		47	27	39	46	13	02	30.29	30.48		

OBSERVATIONS AT 3-HOURLY INTERVALS

RICHMOND, VA

APRIL 2000

RIC

WBAN # 13740

HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	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	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
SUNRISE: 0537				APR 13				SUNSET: 1843				SUNRISE: 0529				APR 19				SUNSET: 1849					
01	OVC	060		10.00	43	28	37	56	9	01	30.29	30.48	01	OVC	009		10.00	46	45	46	96	13	36	29.75	29.94
04	OVC	060		10.00	43	28	37	56	7	02	30.30	30.49	04	OVC	011		10.00	46	43	45	89	17	01	29.75	29.95
07	OVC	080		10.00	42	31	38	65	8	04	30.33	30.53	07	OVC	015		10.00	46	43	45	89	13	36	29.80	30.00
10	OVC	150		10.00	50	24	40	36	14	08	30.35	30.54	10	OVC	015		10.00	49	44	47	83	15	01	29.84	30.04
13	OVC	050		10.00	50	27	41	41	9	11	30.31	30.51	13	OVC	022		10.00	55	46	50	72	13	01	29.84	30.04
16	OVC	150		10.00	50	31	42	48	8	12	30.23	30.43	16	FEW	NC		10.00	65	50	57	59	12	01	29.80	29.99
19	OVC	080		10.00	45	38	42	77	6	13	30.24	30.43	19	FEW	NC		10.00	60	50	55	70	6	06	29.82	30.02
22	OVC	090		10.00	43	37	40	80	7	07	30.22	30.42	22	FEW	NC		10.00	51	48	50	89	5	12	29.88	30.07
SUNRISE: 0535				APR 14				SUNSET: 1844				SUNRISE: 0527				APR 20				SUNSET: 1850					
01	OVC	031		10.00	43	39	41	86	5	03	30.20	30.40	01	CLR	NC		9.00	48	47	47	96	0	00	29.91	30.10
04	OVC	025		10.00	44	40	42	85	7	06	30.17	30.37	04	SCT	NC		7.00	46	45	46	96	0	00	29.91	30.10
07	OVC	023		10.00	45	34	40	66	8	05	30.20	30.39	07	CLR	NC		4.00	50	48	49	93	0	00	29.93	30.13
10	OVC	017		10.00	50	40	45	68	8	07	30.19	30.39	10	FEW	NC		10.00	61	50	55	67	5	VR	29.92	30.11
13	OVC	150		10.00	59	45	52	60	10	07	30.15	30.34	13	OVC	250		10.00	68	52	59	57	12	14	29.85	30.05
16	OVC	038		10.00	59	47	53	64	12	09	30.11	30.30	16	OVC	250		10.00	69	52	59	55	14	15	29.76	29.95
19	OVC	026		10.00	57	48	52	72	6	06	30.08	30.27	19	OVC	140		10.00	65	55	59	70	12	12	29.71	29.91
22	OVC	013		6.00	54	51	52	90	3	04	30.05	30.24	22	OVC	140		10.00	59	53	56	81	16	14	29.69	29.88
SUNRISE: 0534				APR 15				SUNSET: 1845				SUNRISE: 0526				APR 21				SUNSET: 1850					
01	OVC	003		2.50	52	52	52	100	6	02	30.00	30.20	01	OVC	140		10.00	59	52	55	78	13	16	29.63	29.83
04	OVC	003		2.50	52	52	52	100	6	02	29.97	30.16	04	OVC	140		10.00	59	52	55	78	15	17	29.53	29.72
07	OVC	002		1.00	52	52	52	100	5	03	29.99	30.19	07	OVC	017		10.00	61	57	59	87	14	20	29.52	29.71
10	OVC	002		1.00	57	57	57	100	5	04	29.98	30.17	10	OVC	020		10.00	65	60	62	84	12	19	29.47	29.66
13	OVC	004		2.00	62	61	61	96	5	07	29.92	30.11	13	SCT	NC		10.00	72	62	66	71	10	19	29.37	29.56
16	OVC	006		2.00	64	64	64	100	7	08	29.82	30.02	16	OVC	065		1.00	62	60	61	93	10	21	29.34	29.53
19	OVC	006		10.00	63	62	62	97	8	02	29.78	29.98	19	BKN	085		10.00	61	56	58	84	12	26	29.36	29.55
22	OVC	007		5.00	62	62	62	100	3	30	29.79	29.98	22	OVC	090		10.00	57	55	56	93	9	34	29.42	29.61
SUNRISE: 0533				APR 16				SUNSET: 1846				SUNRISE: 0525				APR 22				SUNSET: 1851					
01	OVC	002		0.75	60	60	60	100	5	30	29.79	29.98	01	OVC	040		10.00	53	49	51	86	8	34	29.42	29.61
04	OVC	004		1.00	59	59	59	100	5	34	29.77	29.96	04	OVC	020		10.00	51	48	50	89	8	33	29.42	29.61
07	OVC	002		1.75	59	59	59	100	6	29	29.83	30.03	07	OVC	010		10.00	47	45	46	93	10	35	29.47	29.67
10	BKN	120		10.00	67	61	63	81	5	25	29.85	30.04	10	OVC	033		10.00	51	45	48	80	10	32	29.47	29.66
13	SCT	NC		10.00	74	59	65	60	0	00	29.81	30.00	13	OVC	043		10.00	56	44	50	65	7	31	29.46	29.65
16	SCT	NC		10.00	77	58	65	52	0	00	29.77	29.96	16	OVC	046		10.00	59	44	51	58	9	31	29.45	29.64
19	SCT	NC		10.00	71	58	63	63	6	16	29.78	29.97	19	OVC	065		10.00	56	47	51	72	3	36	29.49	29.68
22	BKN	250		10.00	64	60	62	87	3	24	29.81	30.00	22	OVC	055		10.00	54	48	51	80	3	31	29.53	29.72
SUNRISE: 0531				APR 17				SUNSET: 1847				SUNRISE: 0523				APR 23				SUNSET: 1852					
01	BKN	100		10.00	62	59	60	90	3	20	29.78	29.97	01	OVC	045		10.00	54	46	50	75	5	32	29.54	29.73
04	BKN	250		7.00	58	57	57	97	0	00	29.76	29.95	04	OVC	070		10.00	52	45	48	77	6	34	29.55	29.75
07	BKN	250		10.00	62	59	60	90	8	08	29.78	29.97	07	FEW	NC		10.00	53	44	49	72	5	31	29.59	29.78
10	BKN	250		10.00	72	61	65	69	12	14	29.75	29.93	10	OVC	050		10.00	58	41	50	54	10	31	29.62	29.81
13	OVC	050		10.00	69	60	64	73	6	VR	29.69	29.88	13	BKN	050		10.00	62	42	52	48	16	32	29.60	29.79
16	OVC	009		10.00	58	57	57	97	15	08	29.65	29.84	16	BKN	060		10.00	64	43	53	46	10	36	29.56	29.75
19	OVC	005		5.00	57	56	56	96	9	08	29.67	29.86	19	SCT	NC		10.00	57	43	50	60	13	03	29.62	29.82
22	OVC	006		10.00	55	54	54	96	6	VR	29.68	29.88	22	BKN	250		10.00	49	43	46	80	0	00	29.68	29.87
SUNRISE: 0530				APR 18				SUNSET: 1848				SUNRISE: 0522				APR 24				SUNSET: 1853					
01	OVC	006		10.00	52	51	52	97	14	03	29.62	29.81	01	BKN	250		10.00	49	43	46	80	0	00	29.70	29.89
04	OVC	006		10.00	51	51	51	100	15	04	29.58	29.77	04	SCT	NC		8.00	44	42	43	93	0	00	29.71	29.90
07	OVC	004		1.50	50	50	50	100	14	01	29.64	29.83	07	OVC	250		9.00	51	44	48	77	6	33	29.74	29.93
10	OVC	006		1.50	50	49	49	96	18	01	29.66	29.86	10	OVC	250		10.00	60	39	50	46	10	03	29.76	29.95
13	OVC	006		1.50	49	49	49	100	16	01	29.67	29.86	13	OVC	200		10.00	63	37	50	38	3	VR	29.74	29.93
16	OVC	006		1.50	49	48	48	97	14	01	29.68	29.87	16	OVC	170		10.00	63	39	51	41	3	32	29.70	29.89
19	OVC	011		3.00	47	44	46	90	18	01	29.72	29.92	19	OVC	065		10.00	58	47	52	67	14	03	29.65	29.84
22	OVC	007		3.00	46	45	46	96	17	01	29.75	29.94	22	OVC	085		10.00	56	47	51	72	7	05	29.64	29.83

OBSERVATIONS AT 3-HOURLY INTERVALS

RICHMOND, VA

APRIL 2000

RIC

WBAN # 13740

HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		
	SKY COVER	CEILING 100'S OF FT		DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL		SKY COVER	CEILING 100'S OF FT		DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL	
SUNRISE: 0521				APR 25				SUNSET: 1854				SUNRISE: APR 31				SUNSET:								
01	OVC	075	10.00	-RA	51	48	50	89	5	06	29.62	29.81												
04	OVC	020	4.00	RA BR	49	48	48	97	8	07	29.58	29.78												
07	OVC	013	2.00	-RA BR	50	49	49	96	13	04	29.58	29.78												
10	OVC	012	10.00		50	48	49	93	13	05	29.59	29.78												
13	OVC	014	2.00	-RA BR	50	49	49	96	15	04	29.58	29.78												
16	OVC	012	2.00	-RA BR	48	47	47	96	15	02	29.62	29.81												
19	OVC	016	10.00	-RA	46	45	46	96	9	03	29.69	29.89												
22	OVC	015	10.00		46	44	45	93	7	01	29.75	29.94												
SUNRISE: 0520				APR 26				SUNSET: 1855																
01	OVC	031	10.00		44	32	39	63	7	33	29.76	29.96												
04	BKN	150	10.00		43	31	38	63	6	32	29.79	29.98												
07	BKN	250	10.00		46	43	44	90	0	00	29.83	30.03												
10	SCT	NC	10.00		51	40	46	66	5	VR	29.85	30.04												
13	OVC	065	10.00		56	43	49	62	7	13	29.84	30.03												
16	BKN	050	10.00		57	41	49	55	7	15	29.82	30.01												
19	SCT	NC	10.00		51	43	47	74	10	12	29.84	30.03												
22	OVC	110	10.00		46	42	44	86	9	12	29.88	30.07												
SUNRISE: 0518				APR 27				SUNSET: 1856																
01	OVC	150	10.00		45	42	44	90	6	16	29.85	30.04												
04	OVC	023	10.00		44	43	44	96	7	12	29.83	30.02												
07	OVC	031	10.00		45	43	44	93	6	13	29.83	30.03												
10	OVC	025	6.00	BR	48	45	47	89	8	17	29.83	30.03												
13	BKN	020	10.00		53	47	50	80	7	18	29.80	29.99												
16	BKN	032	10.00		58	47	52	67	9	13	29.73	29.93												
19	BKN	110	10.00	-RA	52	49	50	89	14	17	29.75	29.94												
22	OVC	100	10.00		49	48	48	97	5	12	29.78	29.98												
SUNRISE: 0517				APR 28				SUNSET: 1857																
01	OVC	003	6.00	BR	48	48	48	100	5	13	29.74	29.93												
04	OVC	005	6.00	BR	48	48	48	100	0	00	29.73	29.93												
07	OVC	004	2.50	BR	48	48	48	100	6	10	29.75	29.94												
10	OVC	008	6.00	BR	53	50	51	89	7	02	29.73	29.92												
13	OVC	100	10.00		60	52	56	75	8	02	29.69	29.88												
16	OVC	250	10.00		58	48	53	70	15	10	29.68	29.87												
19	OVC	090	10.00		55	48	51	77	5	06	29.70	29.89												
22	OVC	120	7.00		50	48	49	93	5	05	29.72	29.91												
SUNRISE: 0516				APR 29				SUNSET: 1858																
01	SCT	NC	6.00	BR	47	46	46	97	6	35	29.72	29.91												
04	BKN	250	6.00	BR	45	45	45	100	5	35	29.71	29.91												
07	OVC	070	6.00	BR	50	48	49	93	5	36	29.77	29.97												
10	BKN	025	10.00		58	49	53	72	8	35	29.81	30.00												
13	OVC	055	10.00		61	47	54	60	7	06	29.80	29.99												
16	BKN	250	10.00		66	45	55	47	10	36	29.77	29.96												
19	BKN	250	10.00		62	43	52	50	0	00	29.79	29.98												
22	SCT	NC	10.00		51	45	48	80	5	23	29.84	30.03												
SUNRISE: 0515				APR 30				SUNSET: 1859																
01	CLR	NC	10.00		54	48	51	80	9	26	29.84	30.03												
04	CLR	NC	10.00		51	47	49	86	7	26	29.85	30.04												
07	FEW	NC	10.00		55	47	51	74	7	31	29.90	30.09												
10	CLR	NC	10.00		68	40	54	36	17	34	29.93	30.12												
13	BKN	250	10.00		72	40	55	31	10	32	29.93	30.12												
16	SCT	NC	10.00		73	36	54	26	13	35	29.91	30.10												
19	FEW	NC	10.00		64	41	52	43	3	12	29.93	30.12												
22	CLR	NC	10.00		54	38	46	55	3	12	29.98	30.18												

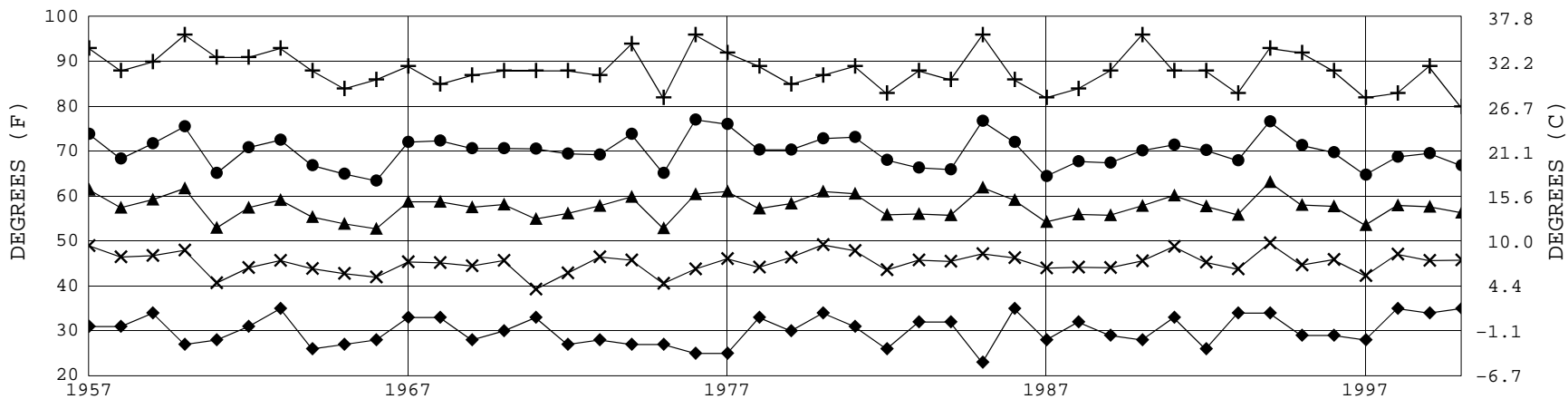
3-HOURLY OBSERVATION NOTES

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. Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC= No ceiling detected. & = Original observation contained additional weather elements. See page 3 for additional notes.

SUMMARY BY HOUR

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)	DIRECTION	SPEED	DIRECTION
							STATION	SEA LEVEL					
01			52	44	48	79	29.79	29.98	9.04	8	1	25	
02			51	44	48	80	29.78	29.97	8.82	8	3	24	
03			50	44	47	81	29.77	29.97	8.67	8	1	24	
04			50	44	47	81	29.78	29.97	8.72	8	1	27	
05			50	44	47	81	29.79	29.98	8.54	8	1	29	
06			50	44	47	81	29.80	29.99	8.01	8	1	30	
07			51	44	48	78	29.82	30.01	8.12	9	2	29	
08			54	44	49	72	29.82	30.01	8.38	10	1	30	
09			56	44	50	67	29.82	30.01	9.22	10	2	30	
10			59	44	52	63	29.82	30.01	9.15	11	1	30	
11			60	45	53	60	29.81	30.00	8.98	12	3	26	
12			62	45	53	58	29.80	29.99	8.92	12	3	24	
13			63	45	54	56	29.78	29.97	9.18	11	2	26	
14			64	45	54	55	29.77	29.96	9.05	12	2	24	
15			64	45	54	55	29.74	29.94	8.92	13	1	27	
16			64	45	54	55	29.74	29.93	8.88	12	2	19	
17			62	45	54	58	29.75	29.94	8.87	13	1	31	
18			61	45	53	59	29.75	29.95	9.08	11	1	32	
19			59	45	52	65	29.76	29.96	9.35	10	1	6	
20			57	46	51	69	29.78	29.97	9.37	8	1	11	
21			55	46	50	73	29.79	29.98	9.50	10	2	7	
22			54	46	50	76	29.80	29.99	9.17	8	1	14	
23			53	45	49	75	29.79	29.99	8.95	8	1	22	
24			52	45	48	78	29.79	29.98	8.90	8	1	23	

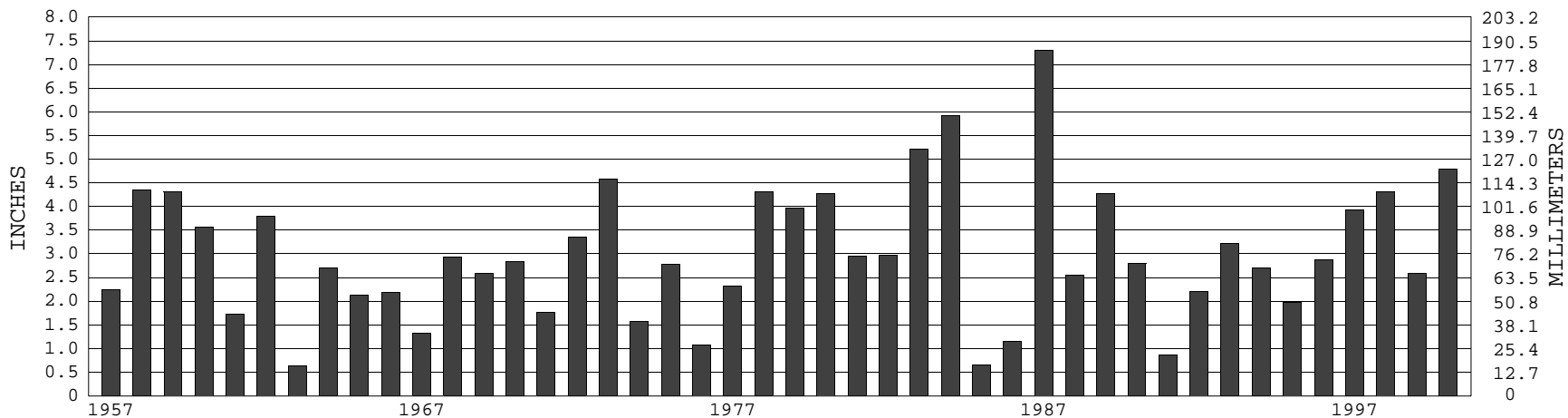
RICHMOND, VA APRIL TEMPERATURES



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

Long-Term (1957-2000) Mean: 57.7 1961-1990 Normal: 57.3

RICHMOND, VA APRIL PRECIPITATION



Long-Term (1957-2000) Mean Monthly Total: 3.02

1961-1990 Normal: 2.96



**APRIL 2000
RICHMOND, VA**

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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