



AUGUST 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

AUGUST 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	88	71	80	2	72	74	0	15	TS TSRA RA BR				0.52	29.89	30.08	9.7	21	10.5	33	21	23	23	01	
02	88	71	80	2	72	74	0	15	TS RA				0.02	29.86	30.05	8.4	21	9.0	22	27	20	26	02	
03	86	73	80	2	73	74	0	15	TS TSRA RA				0.24	29.85	30.04	8.6	21	9.6	23	19	20	20	03	
04	85	68	77	-1	71	72	0	12	TS TSRA RA FG+ BR SQ				1.54	29.83	30.02	3.9	21	7.1	59*	32	40*	32	04	
05	82	66	74	-4	66	68	0	9	BR				0.00	29.84	30.03	3.4	02	4.9	16	02	13	03	05	
06	86	65	76	-2	72	73	0	11	RA BR HZ				T	29.85	30.03	8.3	19	8.5	22	20	18	20	06	
07	93*	77	85*	7	76	78	0	20	BR HZ				0.00	29.83	30.01	10.2	22	10.4	21	22	18	22	07	
08	91	75	83	5	73	76	0	18	BR HZ				0.00	29.83	30.02	3.5	23	4.8	16	24	13	24	08	
09	92	69	81	3	71	74	0	16	TSRA RA BR SQ				0.11	29.78	29.97	5.3	22	7.6	46	31	38	31	09	
10	88	70	79	1	70	72	0	14	RA				T	29.75	29.94	0.9	23	4.9	16	26	13	11	10	
11	87	68	78	0	69	71	0	13	TSRA RA BR				0.69	29.73	29.91	2.1	36	3.5	20	29	17	29	11	
12	81	65	73	-5	60	65	0	8					0.00	29.71	29.90	9.3	35	9.6	23	01	17	01	12	
13	76	62	69	-8	63	64	0	4	RA BR				0.33	29.74	29.93	9.1	36	10.0	25	01	22	01	13	
14	81	64	73	-4	64	66	0	8	RA				0.01	29.83	30.01	6.8	35	8.7	23	01	18	02	14	
15	86	62	74	-3	65	69	0	9	BR				0.00	29.91	30.09	3.5	28	6.2	18	30	15	30	15	
16	92	68	80	3	67	71	0	15	BR HZ				0.00	29.80	29.99	3.9	28	7.7	23	02	18	32	16	
17	82	62	72	-5	60	65	0	7	RA				T	29.88	30.06	2.0	01	6.8	20	02	16	02	17	
18	80	66	73	-4	70	71	0	8	TSRA RA BR HZ				0.92	29.77	29.96	2.3	20	7.3	23	36	18	01	18	
19	80	60	70	-7	60	64	0	5	BR				0.00	29.92	30.11	5.5	01	6.2	22	01	17	01	19	
20	77	59	68	-8	59	62	0	3					0.00	30.02	30.20	4.5	03	5.3	15	04	13	01	20	
21	78	56	67	-9	56	61	0	2					0.00	30.12	30.31	3.6	05	4.4	16	04	13	01	21	
22	78	56*	67*	-9	57	61	0	2					0.00	30.13	30.32	3.1	17	4.3	13	14	10	15	22	
23	83	59	71	-5	62	66	0	6	RA				T	29.99	30.18	8.6	20	8.9	21	19	17	20	23	
24	85	66	76	0	68	70	0	11	TS TSRA RA BR HZ				1.60	29.85	30.04	2.9	19	5.3	23	01	20	03	24	
25	83	66	75	-1	65	68	0	10	BR HZ				0.00	29.85	30.03	5.5	03	6.2	17	03	14	04	25	
26	83	63	73	-2	64	68	0	8	BR HZ				0.00	29.83	30.01	3.3	18	5.0	14	18	12	18	26	
27	81	65	73	-2	67	68	0	8	TSRA RA BR HZ				1.56	29.78	29.96	7.0	19	9.6	32	27	26	27	27	
28	82	64	73	-2	67	69	0	8	RA BR				T	29.82	30.00	5.2	05	6.3	20	02	17	02	28	
29	82	69	76	1	70	71	0	11	RA BR				0.02	29.86	30.05	5.4	05	6.6	17	05	15	05	29	
30	78	70	74	-1	71	72	0	9	RA BR				0.52	29.86	30.05	8.8	05	9.2	28	15	22	14	30	
31	83	72	78	3	74	75	0	13	TS TSRA RA DZ BR				0.20	29.85	30.04	4.9	10	7.2	28	19	24	19	31	
MONTHLY AVERAGES										TOTALS-->				<-- MONTHLY AVERAGES										
DEPARTURE FROM NORMAL										3.88				SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3										
DEGREE DAYS										GREATEST 24-HR PRECIPITATION: 1.60 DATE: 24				SEA LEVEL PRESSURE DATE TIME										
MONTHLY TOTAL DEPARTURE					SEASON TO DATE TOTAL DEPARTURE					GREATEST 24-HR SNOWFALL: DATE:				MAXIMUM : 30.36 DATE: 22 0654										
HEATING: 0 0					TOTAL DEPARTURE: 313 -53					GREATEST SNOW DEPTH: DATE:				MINIMUM : 29.85 DATE: 11 1554										
COOLING: 0 0					TOTAL DEPARTURE: 1092 -49					NUMBER OF DAYS WITH =>				PRECIPITATION ≥ 0.01 INCH : 14										
										MAXIMUM TEMP ≥ 90: 4				MINIMUM TEMP ≤ 32: 0										
										MAXIMUM TEMP ≤ 32: 0				MINIMUM TEMP ≤ 0: 0										
										THUNDERSTORMS : 10				HEAVY FOG : 1										
										PRECIPITATION ≥ 0.10 INCH : 11				SNOWFALL ≥ 1.0 INCH : 0										

OBSERVATIONS AT 3-HOURLY INTERVALS

RICHMOND, VA

AUGUST 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
SUNRISE: 0514				AUG 01				SUNSET: 1918				SUNRISE: 0519				AUG 07				SUNSET: 1912							
01	BKN	043		0.75	+TSRA	74	69	71	85	8	24	29.91	30.10	01	OVC	130		7.00		78	74	75	87	10	21	29.82	30.01
04	OVC	150		7.00		72	71	71	97	7	18	29.90	30.09	04	OVC	130		6.00	BR	78	74	75	87	8	22	29.83	30.01
07	BKN	150		8.00		72	71	71	97	7	20	29.90	30.09	07	BKN	140		4.00	BR	79	74	75	85	7	21	29.85	30.04
10	BKN	250		10.00		81	73	75	77	10	24	29.90	30.09	10	FEW	NC		6.00	HZ	87	76	79	70	13	23	29.85	30.03
13	BKN	150		10.00		86	73	77	65	16	23	29.88	30.07	13	FEW	NC		8.00		92	76	80	60	14	22	29.82	30.01
16	SCT	NC		10.00		86	73	77	65	13	25	29.84	30.02	16	BKN	250		7.00		92	76	80	60	14	22	29.79	29.98
19	SCT	NC		10.00		83	72	75	70	15	20	29.85	30.04	19	SCT	NC		5.00	HZ	86	78	80	77	9	19	29.80	29.98
22	BKN	250		10.00		76	72	73	88	7	20	29.90	30.09	22	BKN	250		6.00	HZ	84	77	79	80	10	22	29.84	30.03
SUNRISE: 0514				AUG 02				SUNSET: 1917				SUNRISE: 0520				AUG 08				SUNSET: 1910							
01	OVC	250		10.00		73	70	71	90	12	21	29.89	30.08	01	BKN	250		5.00	BR	81	76	77	85	9	23	29.81	29.99
04	OVC	250		10.00		72	69	70	91	7	22	29.85	30.04	04	BKN	250		6.00	BR	79	74	75	85	7	22	29.81	30.00
07	OVC	150		10.00		72	70	71	94	12	19	29.89	30.08	07	OVC	150		5.00	BR	79	73	75	82	7	26	29.87	30.05
10	SCT	NC		10.00		81	73	75	77	13	22	29.90	30.09	10	BKN	250		8.00		86	73	77	65	3	VR	29.85	30.04
13	BKN	150		10.00		88	72	77	59	10	24	29.87	30.06	13	BKN	045		10.00		89	74	78	61	3	14	29.84	30.03
16	BKN	150		10.00		87	73	77	63	14	22	29.83	30.01	16	BKN	250		10.00		90	72	77	56	6	20	29.81	29.99
19	BKN	250		10.00		79	75	76	88	5	19	29.82	30.01	19	BKN	250		10.00		86	70	75	59	5	25	29.81	30.00
22	BKN	150		10.00		75	72	73	90	7	19	29.84	30.03	22	SCT	NC		8.00		76	73	74	91	0	00	29.83	30.01
SUNRISE: 0515				AUG 03				SUNSET: 1916				SUNRISE: 0520				AUG 09				SUNSET: 1909							
01	BKN	250		10.00		74	73	73	97	8	18	29.83	30.01	01	SCT	NC		7.00		75	72	73	90	0	00	29.79	29.97
04	OVC	250		10.00		74	72	73	94	6	21	29.85	30.03	04	BKN	250		7.00		74	72	73	94	6	18	29.79	29.97
07	OVC	120		10.00		75	72	73	90	9	19	29.87	30.06	07	SCT	NC		10.00		77	71	73	82	6	27	29.81	29.99
10	BKN	250		10.00		82	74	76	77	13	22	29.87	30.06	10	SCT	NC		10.00		87	72	77	61	8	27	29.83	30.01
13	BKN	150		10.00		82	75	77	79	14	26	29.86	30.04	13	SCT	NC		10.00		91	73	78	56	8	17	29.80	29.98
16	BKN	130		10.00		82	71	75	69	8	22	29.82	30.01	16	SCT	NC		7.00		91	76	80	61	10	19	29.77	29.96
19	BKN	110		10.00		80	74	76	82	9	19	29.83	30.02	19	BKN	070		10.00		72	70	71	94	13	26	29.75	29.94
22	BKN	130		10.00		74	71	72	91	9	20	29.86	30.05	22	OVC	200		10.00		70	69	69	97	6	18	29.76	29.94
SUNRISE: 0516				AUG 04				SUNSET: 1915				SUNRISE: 0521				AUG 10				SUNSET: 1908							
01	BKN	130		10.00		73	71	72	94	9	19	29.86	30.05	01	OVC	200		10.00		72	69	70	91	7	26	29.73	29.92
04	OVC	012		7.00		72	71	71	97	7	20	29.83	30.01	04	OVC	150		9.00		73	70	71	90	9	25	29.71	29.90
07	OVC	009		3.00		74	72	73	94	6	22	29.85	30.04	07	BKN	250		10.00		73	67	69	81	7	29	29.76	29.95
10	OVC	016		9.00		77	73	74	88	8	22	29.86	30.05	10	BKN	250		10.00		82	68	73	63	0	00	29.77	29.96
13	SCT	NC		10.00		83	74	77	74	8	18	29.82	30.01	13	SCT	NC		10.00		87	70	75	57	7	10	29.76	29.95
16	OVC	065		7.00	-TSRA	72	70	71	94	10	02	29.77	29.96	16	BKN	050		10.00		84	72	76	67	5	VR	29.74	29.93
19	OVC	095		7.00		71	70	70	96	5	16	29.80	29.99	19	BKN	100		10.00		81	72	75	74	6	07	29.74	29.93
22	OVC	020		3.00	-RA BR	71	70	70	96	0	00	29.83	30.02	22	BKN	100		10.00		73	71	72	94	0	00	29.75	29.94
SUNRISE: 0517				AUG 05				SUNSET: 1914				SUNRISE: 0522				AUG 11				SUNSET: 1907							
01	BKN	150		5.00	BR	68	68	68	100	0	00	29.82	30.01	01	CLR	NC		8.00		72	70	71	94	0	00	29.74	29.93
04	OVC	003		3.00	BR	68	68	68	100	0	00	29.80	29.99	04	BKN	250		6.00	BR	71	70	70	96	0	00	29.72	29.91
07	BKN	004		1.50	BR	69	68	68	96	6	35	29.85	30.04	07	BKN	250		5.00	BR	73	70	71	90	0	00	29.75	29.94
10	SCT	NC		10.00		77	67	70	71	9	03	29.86	30.05	10	OVC	075		9.00		79	70	73	74	3	04	29.76	29.94
13	SCT	NC		10.00		79	65	70	62	9	01	29.85	30.04	13	OVC	080		10.00		84	70	74	63	0	00	29.72	29.91
16	BKN	250		10.00		80	63	69	56	6	36	29.84	30.03	16	FEW	NC		9.00		85	69	74	59	6	VR	29.66	29.85
19	SCT	NC		10.00		74	65	68	74	5	05	29.84	30.03	19	OVC	023		2.00	TSRA BR	72	70	71	94	13	27	29.72	29.91
22	SCT	NC		7.00		68	65	66	90	7	11	29.87	30.06	22	OVC	070		10.00		69	66	67	90	0	00	29.75	29.94
SUNRISE: 0518				AUG 06				SUNSET: 1913				SUNRISE: 0523				AUG 12				SUNSET: 1906							
01	SCT	NC		6.00	BR	67	66	66	97	0	00	29.87	30.06	01	BKN	100		7.00		69	66	67	90	5	34	29.70	29.89
04	BKN	002		2.00	BR	66	66	66	100	0	00	29.87	30.06	04	BKN	150		7.00		66	64	65	95	10	36	29.69	29.88
07	OVC	003		1.50	BR	70	69	69	97	7	19	29.88	30.07	07	FEW	NC		10.00		68	36	52	31	8	35	29.72	29.91
10	BKN	160		5.00	HZ	79	72	74	79	10	18	29.88	30.06	10	SCT	NC		10.00		75	64	68	69	14	35	29.72	29.91
13	OVC	160		6.00	HZ	82	73	76	74	15	20	29.84	30.03	13	SCT	NC		10.00		76	60	66	58	8	35	29.72	29.91
16	OVC	200		7.00		86	75	78	70	10	21	29.81	30.00	16	SCT	NC		10.00		81	60	68	49	13	35	29.68	29.87
19	OVC	120		6.00	HZ	80	75	77	85	8	18	29.81	30.00	19	FEW	NC		10.00		73	59	64	62	6	01	29.70	29.89
22	BKN	130		8.00		81	74	76	79	10	21	29.83	30.01	22	CLR	NC		10.00		68	60	63	76	7	33	29.72	29.91

OBSERVATIONS AT 3-HOURLY INTERVALS

RICHMOND, VA

AUGUST 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)																	
	SKY COVER	CEILING		OBSERVATION TIME (LST)	EFF CLD AMT Okta			DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL		SKY COVER	CEILING		OBSERVATION TIME (LST)	EFF CLD AMT Okta			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: 0524								AUG 13								SUNSET: 1905								SUNRISE: 0529								AUG 19								SUNSET: 1856							
01	CLR	NC				10.00		64	60	62	87	8	36	29.72	29.91	01	CLR	NC					8.00		65	63	64	93	12	01	29.83	30.02															
04	BKN	200				7.00		63	62	62	97	8	35	29.70	29.89	04	CLR	NC				5.00	BR	62	61	61	96	3	33	29.87	30.06																
07	SCT	NC				10.00		64	61	62	90	7	34	29.74	29.93	07	CLR	NC				6.00	BR	64	61	62	90	8	33	29.92	30.11																
10	BKN	020				10.00		72	64	67	76	12	02	29.75	29.94	10	FEW	NC				10.00		73	61	66	66	14	03	29.94	30.14																
13	BKN	065				10.00		75	63	67	66	15	36	29.75	29.94	13	SCT	NC				10.00		78	60	67	54	6	33	29.92	30.11																
16	BKN	150				10.00		71	61	65	71	15	03	29.74	29.93	16	SCT	NC				10.00		79	56	65	45	10	36	29.91	30.10																
19	BKN	100				6.00	-RA BR	65	64	64	97	5	34	29.73	29.91	19	SCT	NC				10.00		71	59	64	66	5	04	29.94	30.13																
22	OVC	020				6.00	-RA BR	65	64	64	97	6	35	29.77	29.96	22	CLR	NC				10.00		67	59	62	76	0	00	29.97	30.16																
SUNRISE: 0525								AUG 14								SUNRISE: 1903								SUNRISE: 0530								AUG 20								SUNSET: 1855							
01	OVC	030				8.00	-RA	65	64	64	97	12	33	29.75	29.94	01	CLR	NC				10.00		63	60	61	90	0	00	29.97	30.16																
04	BKN	031				10.00		65	63	64	93	9	30	29.75	29.93	04	CLR	NC				10.00		60	57	58	90	5	01	29.97	30.16																
07	SCT	NC				10.00		65	63	64	93	9	33	29.81	29.99	07	BKN	160				10.00		63	57	60	81	7	35	30.02	30.21																
10	SCT	NC				10.00		74	66	69	76	8	35	29.82	30.01	10	OVC	150				10.00		71	58	63	63	7	02	30.03	30.22																
13	BKN	250				10.00		78	65	70	64	14	36	29.83	30.02	13	BKN	150				10.00		75	60	66	60	6	VR	30.02	30.21																
16	SCT	NC				10.00		79	63	69	58	10	35	29.82	30.01	16	BKN	250				10.00		76	58	65	54	8	02	30.00	30.19																
19	SCT	NC				10.00		73	66	69	79	5	07	29.86	30.04	19	SCT	NC				10.00		69	60	64	73	7	06	30.02	30.21																
22	CLR	NC				10.00		67	64	65	91	0	00	29.90	30.09	22	CLR	NC				10.00		63	60	61	90	3	03	30.06	30.25																
SUNRISE: 0525								AUG 15								SUNRISE: 1902								SUNRISE: 0531								AUG 21								SUNSET: 1853							
01	CLR	NC				10.00		64	63	63	96	0	00	29.90	30.09	01	CLR	NC				10.00		61	58	59	90	0	00	30.06	30.25																
04	CLR	NC				7.00		63	62	62	97	3	20	29.90	30.09	04	CLR	NC				10.00		58	57	57	97	0	00	30.07	30.26																
07	CLR	NC				7.00		69	64	66	84	8	31	29.95	30.14	07	CLR	NC				10.00		61	57	59	87	0	00	30.13	30.32																
10	CLR	NC				10.00		80	64	70	58	5	01	29.95	30.14	10	SCT	NC				10.00		72	57	63	60	10	06	30.16	30.35																
13	BKN	040				9.00		81	66	71	61	10	34	29.93	30.12	13	SCT	NC				10.00		75	56	64	52	6	05	30.14	30.33																
16	SCT	NC				9.00		85	65	72	51	7	26	29.88	30.06	16	SCT	NC				10.00		77	54	63	45	5	02	30.11	30.30																
19	SCT	NC				8.00		80	66	71	62	6	25	29.89	30.08	19	FEW	NC				10.00		69	57	62	66	6	09	30.11	30.30																
22	BKN	130				9.00		76	67	70	74	9	23	29.87	30.06	22	CLR	NC				10.00		62	57	59	84	0	00	30.14	30.32																
SUNRISE: 0526								AUG 16								SUNRISE: 1860								SUNRISE: 0531								AUG 22								SUNSET: 1852							
01	SCT	NC				7.00		70	66	67	87	6	19	29.84	30.03	01	CLR	NC				10.00		58	55	56	90	0	00	30.14	30.33																
04	FEW	NC				8.00		70	66	67	87	5	20	29.81	30.00	04	CLR	NC				10.00		57	54	55	90	0	00	30.15	30.34																
07	CLR	NC				6.00	HZ	73	67	69	81	9	24	29.81	30.00	07	FEW	NC				10.00		62	56	59	81	5	23	30.17	30.36																
10	FEW	NC				8.00		84	70	74	63	10	26	29.81	30.00	10	FEW	NC				10.00		73	57	63	57	7	20	30.17	30.36																
13	SCT	NC				7.00		89	71	77	55	7	27	29.78	29.97	13	SCT	NC				10.00		76	58	65	54	5	VR	30.13	30.32																
16	SCT	NC				8.00		89	66	74	47	14	32	29.74	29.92	16	SCT	NC				10.00		77	57	65	50	5	VR	30.09	30.28																
19	FEW	NC				9.00		82	66	71	58	10	03	29.76	29.95	19	SCT	NC				10.00		72	61	65	69	7	15	30.08	30.27																
22	CLR	NC				10.00		74	62	67	67	5	05	29.86	30.04	22	SCT	NC				10.00		65	57	60	76	8	16	30.10	30.29																
SUNRISE: 0527								AUG 17								SUNRISE: 1858								SUNRISE: 0532								AUG 23								SUNSET: 1850							
01	CLR	NC				10.00		68	60	63	76	5	01	29.87	30.05	01	SCT	NC				10.00		62	57	59	84	5	17	30.09	30.28																
04	CLR	NC				10.00		62	58	60	86	8	01	29.88	30.07	04	SCT	NC				10.00		60	57	58	90	3	21	30.08	30.27																
07	FEW	NC				10.00		66	56	60	70	12	01	29.92	30.11	07	FEW	NC				9.00		62	60	61	93	5	19	30.07	30.26																
10	SCT	NC				10.00		74	54	62	50	12	02	29.94	30.13	10	OVC	250				10.00		76	61	67	60	12	19	30.04	30.23																
13	FEW	NC				10.00		79	58	66	49	8	24	29.89	30.08	13	OVC	250				10.00		81	62	69	53	16	19	29.98	30.17																
16	BKN	250				10.00		81	60	68	49	9	29	29.85	30.04	16	OVC	120				10.00		80	64	70	58	12	21	29.93	30.12																
19	BKN	250				10.00		76	65	69	69	6	15	29.81	30.00	19	BKN	150				9.00		77	65	69	66	9	19	29.90	30.09																
22	OVC	250				10.00		72	66	68	82	7	14	29.83	30.02	22	BKN	065				9.00		74	65	68	74	8	22	29.91	30.10																
SUNRISE: 0528								AUG 18								SUNRISE: 1857								SUNRISE: 0533								AUG 24								SUNSET: 1849							
01	OVC	250				10.00		71	66	68	84	5	13	29.80	29.99	01	OVC	150				7.00		73	66	69	79	5	22	29.89	30.08																
04	OVC	075				4.00	BR	69	68	68	96	6	09	29.80	29.99	04	BKN	150				4.00	BR	67	66	66	97	5	20	29.85	30.04																
07	OVC	014				1.00	+TSRA BR	69	68	68	96	6	23	29.85	30.04	07	OVC	250				2.50	BR	69	67	68	93	3	20	29.87	30.06																
10	OVC	130				6.00	BR	73	71	72	94	12	19	29.77	29.96	10	OVC	250				6.00	HZ	79	69	72	72	9	21	29.88	30.06																
13	OVC	090				10.00		77	72	74	85	13	20	29.74	29.93	13	BKN	250				7.00		85	69	74	59	9	17	29.82	30.01																
16	OVC	100				6.00	BR	78	74	75	87	6	20	29.72	29.91	16	OVC	009				1.00	TSRA BR	72	67	69	84	13	19	29.81	30.00																
19	BKN	120				7.00		79	72	74	79	7	27	29.69	29.88	19	OVC	038				5.00	BR	71	70	70	96	3	12	29.84	30.03																
22	OVC	010				6.00	BR	72	71	71	97	15	36	29.79	29.98	22	OVC	100				8.00		70	69	69	97	5	19	29.83	30.02																

OBSERVATIONS AT 3-HOURLY INTERVALS

RICHMOND, VA

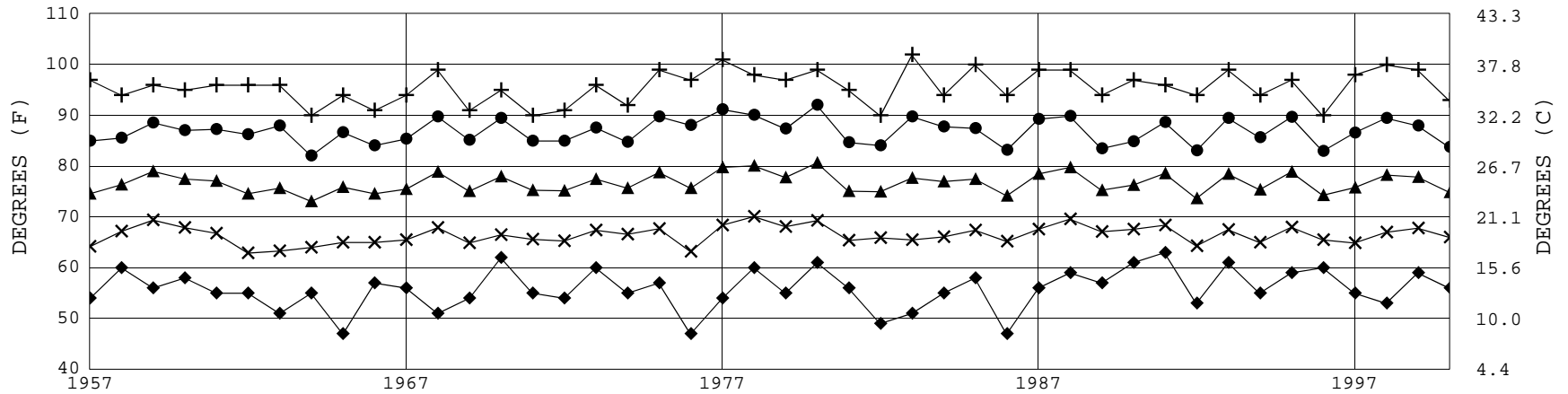
AUGUST 2000

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	SPEED (MPH)	DIRECTION TENS OF DEG
				SUNRISE: 0534			AUG 25			SUNSET: 1848							SUNRISE: 0539			AUG 31			SUNSET: 1839				
01	OVC	150		5.00	BR	70	68	69	93	6	36	29.84	30.03	01	OVC	007		4.00	-RA BR	72	71	71	97	9	04	29.82	30.01
04	OVC	150		4.00	BR	69	68	68	96	8	35	29.82	30.01	04	OVC	014		1.50	DZ BR	73	72	72	96	7	03	29.80	29.98
07	OVC	090		3.00	BR	70	68	69	93	6	01	29.87	30.06	07	OVC	004		7.00		73	72	72	96	3	11	29.83	30.01
10	BKN	250		2.50	HZ	77	70	72	79	7	06	29.88	30.07	10	BKN	150		10.00		77	74	75	90	9	15	29.86	30.05
13	BKN	250		10.00		83	63	70	51	9	06	29.86	30.04	13	OVC	027		10.00		83	75	77	77	5	08	29.86	30.05
16	SCT	NC		10.00		82	59	68	46	8	04	29.81	30.00	16	OVC	200		9.00		81	76	77	85	12	05	29.83	30.02
19	SCT	NC		10.00		74	63	67	69	3	07	29.83	30.02	19	OVC	090		9.00	-RA	74	73	73	97	0	00	29.86	30.05
22	FEW	NC		10.00		69	63	65	81	0	00	29.85	30.04	22	OVC	110		9.00		75	74	74	96	8	13	29.90	30.09
				SUNRISE: 0535			AUG 26			SUNSET: 1846			3-HOURLY OBSERVATION NOTES														
01	CLR	NC		5.00	BR	65	63	64	93	0	00	29.83	30.02	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		4.00	BR	66	63	64	90	5	29	29.83	30.02	Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.													
07	CLR	NC		3.00	HZ	69	64	66	84	0	00	29.86	30.05	NC = No ceiling detected.													
10	BKN	140		8.00		78	63	68	60	6	26	29.87	30.06	& = Original observation contained additional weather elements.													
13	FEW	NC		9.00		82	63	70	53	7	VR	29.83	30.01	See page 3 for additional notes.													
16	FEW	NC		8.00		82	65	71	56	8	17	29.78	29.97														
19	BKN	075		8.00		77	67	70	71	6	15	29.79	29.98														
22	BKN	090		7.00		74	65	68	74	6	17	29.81	30.00														
				SUNRISE: 0536			AUG 27			SUNSET: 1845			SUMMARY BY HOUR														
01	BKN	050		7.00		71	64	67	79	8	19	29.81	30.00	AVERAGES													
04	OVC	120		7.00		69	64	66	84	6	19	29.79	29.98	HOUR (LST)	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (INCHES, HG)		VISIBILITY (MILES)	WIND SPEED (MPH)	RESULTANT WIND (MPH)		
07	BKN	150		7.00		70	64	66	82	10	21	29.81	29.99								STATION	SEA LEVEL			SPEED	DIRECTION	
10	BKN	150		6.00	HZ	77	70	72	79	14	19	29.80	29.99	01			69	66	67	91	29.85	30.04	7.77	5	1	25	
13	OVC	150		4.00	HZ	79	72	74	79	8	19	29.76	29.95	02			69	66	67	92	29.85	30.04	7.56	5	1	21	
16	OVC	043		0.50	+TSRA BR	68	66	67	93	20	32	29.73	29.92	03			68	66	67	93	29.84	30.03	7.27	5	1	22	
19	BKN	037		9.00	-RA	66	65	65	96	10	16	29.78	29.97	04			68	66	66	93	29.84	30.03	6.89	5	1	27	
22	OVC	085		10.00		66	65	65	96	7	20	29.78	29.97	05			68	66	66	93	29.85	30.04	6.63	6	1	27	
				SUNRISE: 0536			AUG 28			SUNSET: 1843																	
01	BKN	085		5.00	BR	65	65	65	100	0	00	29.78	29.97														
04	OVC	003		8.00		65	64	64	97	3	10	29.77	29.96														
07	OVC	003		2.50	BR	66	66	66	100	6	05	29.81	30.00														
10	BKN	020		10.00		75	68	70	79	7	11	29.84	30.03														
13	SCT	NC		10.00		81	67	72	62	7	12	29.82	30.01														
16	SCT	NC		10.00		78	69	72	74	8	03	29.80	29.99														
19	SCT	NC		10.00		74	68	70	82	7	06	29.82	30.01														
22	BKN	033		10.00		70	69	69	97	8	03	29.85	30.03														
				SUNRISE: 0537			AUG 29			SUNSET: 1842																	
01	OVC	011		9.00		70	69	69	97	6	03	29.85	30.04														
04	BKN	013		5.00	BR	69	68	68	96	6	01	29.84	30.03														
07	OVC	005		8.00		70	69	69	97	7	03	29.87	30.06														
10	OVC	018		10.00		75	69	71	82	6	07	29.89	30.08														
13	BKN	030		10.00		81	69	73	67	13	04	29.86	30.05														
16	BKN	250		10.00	-RA	79	71	74	77	7	05	29.84	30.03														
19	BKN	250		10.00		75	71	72	88	5	08	29.85	30.03														
22	SCT	NC		9.00		72	71	71	97	6	09	29.88	30.07														
				SUNRISE: 0538			AUG 30			SUNSET: 1841																	
01	BKN	048		10.00		71	70	70	96	8	05	29.87	30.06														
04	BKN	011		9.00		70	69	69	97	7	05	29.85	30.04														
07	OVC	003		2.50		72	71	71	97	9	03	29.89	30.08														
10	OVC	025		10.00		77	72	74	85	12	05	29.90	30.09														
13	OVC	022		0.50	+RA BR	72	70	71	94	14	11	29.88	30.07														
16	OVC	009		10.00		74	72	73	94	8	05	29.84	30.03														
19	OVC	130		10.00		72	71	71	97	9	05	29.84	30.03														
22	OVC	065		10.00		72	71	71	97	10	05	29.84	30.03														

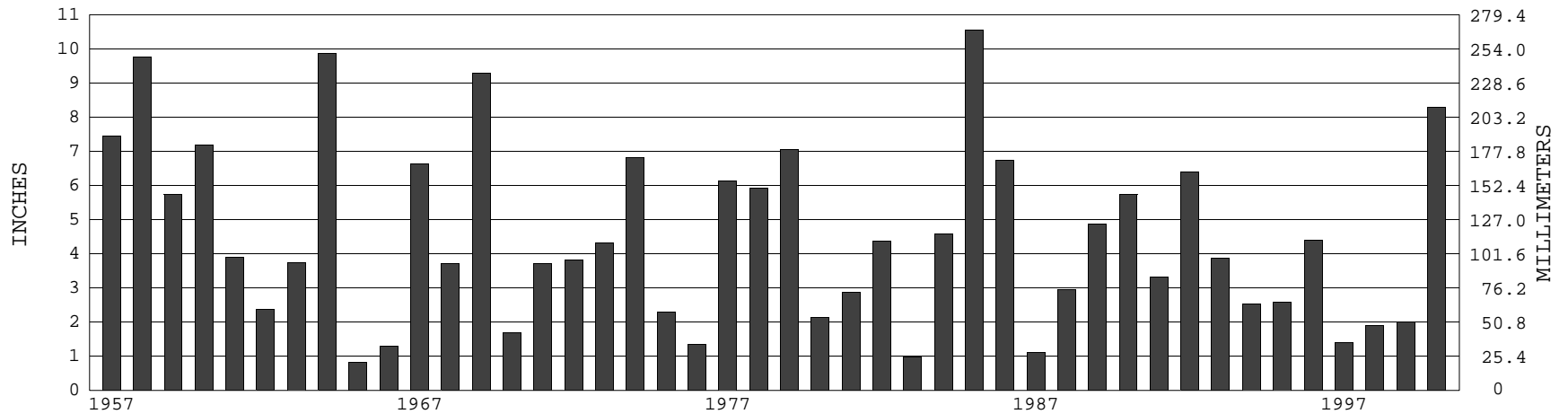
RICHMOND, VA AUGUST TEMPERATURES



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

Long-Term (1957-2000) Mean: 76.7 1961-1990 Normal: 76.8

RICHMOND, VA AUGUST PRECIPITATION



Long-Term (1957-2000) Mean Monthly Total: 4.52

1961-1990 Normal: 4.40



**AUGUST 2000
RICHMOND, VA**

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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