



SEPTEMBER 1998

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): 164 Feet
 Time Zone: EASTERN WBAN: 13740 ISSN #:0198-537X

SEPTEMBER 1998
 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	84	69	77	3	69	71	0	12	TSRA RA FG BR HZ				1.02	29.68	29.87	5.0	06	7.4	23	20	15	18	01																										
02	89	66	78	4	68	71	0	13	BR HZ				0.00	29.57	29.77	6.2	20	6.9	20	22	16	21	02																										
03	84	66	75	1	66	69	0	10	RA BR HZ				0.17	29.63	29.83	1.8	12	6.8	18	16	15	17	03																										
04	88	66	77	3	64	68	0	12	RA BR HZ				0.84	29.61	29.80	8.4	01	9.0	28	01	23	01	04																										
05	85	63	74	1	58	64	0	9	BR HZ				0.00	29.92	30.12	2.0	03	4.7	21	01	17	01	05																										
06	91	63	77	4	65	69	0	12	BR HZ				0.00	29.84	30.04	7.1	21	7.6	18	21	14	20	06																										
07	95	69	82	9	68	72	0	17	TS TSRA BR HZ				0.07	29.55	29.75	7.9	23	9.7	46*	25	38*	25	07																										
08	77	59	68	-5	53	60	0	3	TSRA RA BR				0.64	29.51	29.71	10.1	34	11.5	30	01	23	36	08																										
09	73	54	64	-8	45	54	1	0					0.00	29.76	29.96	11.1	31	11.5	26	33	21	32	09																										
10	77	56	67	-5	48	56	0	2					0.00	29.90	30.10	6.8	32	7.4	23	01	18	33	10																										
11	82	54	68	-4	51	59	0	3					0.00	29.87	30.07	2.6	25	4.5	17	24	13	28	11																										
12	89	57	73	2	56	63	0	8	HZ				0.00	29.74	29.94	3.6	23	4.3	18	23	16	23	12																										
13	93	62	78	7	61	67	0	13	BR HZ				0.00	29.77	29.97	1.3	08	3.6	14	01	10	11	13																										
14	89	63	76	5	67	70	0	11	FG+ BR HZ				0.00	29.89	30.09	5.4	16	5.9	18	17	15	16	14																										
15	91	69	80	10	70	73	0	15	BR HZ				0.00	29.90	30.10	6.5	18	6.9	18	24	15	20	15																										
16	91	68	80	10	68	72	0	15	BR HZ				0.00	29.86	30.05	5.1	20	5.8	13	16	10	17	16																										
17	87	68	78	8	69	72	0	13	BR HZ				0.00	29.80	30.00	2.3	16	4.3	17	36	15	01	17																										
18	84	70	77	8	69	71	0	12	RA FG+ BR HZ				T	29.80	30.00	6.0	05	7.6	22	08	17	07	18																										
19	85	69	77	8	68	71	0	12	BR HZ				0.00	29.78	29.98	6.2	06	6.8	17	05	13	06	19																										
20	86	69	78	9	68	70	0	13	BR HZ				0.00	29.76	29.96	0.9	18	3.6	11	18	9	18	20																										
21	88	67	78	9	69	72	0	13	RA BR				0.02	29.71	29.91	5.7	20	6.2	17	18	14	21	21																										
22	85	67	76	8	69	71	0	11	RA BR HZ				0.26	29.62	29.82	3.9	34	6.0	40	33	34	34	22																										
23	70	49	60*	-8	46	54	5	0					0.00	29.90	30.10	9.5	02	10.0	23	01	18	02	23																										
24	74	47*	61	-6	47	53	4	0					0.00	30.00	30.21	2.9	17	4.8	9	15	9	15	24																										
25	83	54	69	2	58	62	0	4					0.00	29.94	30.14	7.8	20	8.1	14	22	14	22	25																										
26	89	63	76	10	64	68	0	11	BR HZ				0.00	29.91	30.11	3.3	19	3.6	6	20	6	20	26																										
27	96*	67	82*	16	64	71	0	17	HZ				0.00	29.73	29.93	9.9	23	10.7	23	23	20	24	27																										
28	92	67	80	15	63	69	0	15					0.00	29.69	29.89	2.4	32	7.1	18	30	14	31	28																										
29	81	59	70	5	58	63	0	5	TSRA BR				0.43	29.80	30.00	2.9	10	6.7	17	17	13	21	29																										
30	85	66	76	11			0	11	TSRA RA FG BR HZ				0.49					8.4	21	19	16	20	30																										
										85.4		62.9		74.2		■ ■		0.3		9.7		< MONTHLY AVERAGES				TOTALS-->		3.94				6.9		<- MONTHLY AVERAGES															
										4.5		3.9		4.2		■ ■		<----- DEPARTURE FROM NORMAL ----->										0.60		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3																			
DEGREE DAYS										GREATEST 24-HR PRECIPITATION: 1.02 DATE: 01										SEA LEVEL PRESSURE DATE TIME																													
MONTHLY TOTAL DEPARTURE										GREATEST 24-HR SNOWFALL: DATE:										MAXIMUM : 30.27 24 0910																													
SEASON TO DATE TOTAL DEPARTURE										GREATEST SNOW DEPTH: DATE:										MINIMUM : 29.59 08 0253																													
HEATING: 10 -13										NUMBER OF DAYS WITH =>										MAXIMUM TEMP ≥ 90: 7										MINIMUM TEMP ≤ 32: 0										PRECIPITATION ≥ 0.01 INCH : 9									
COOLING: 292 119																				MAXIMUM TEMP ≤ 32 : 0										MINIMUM TEMP ≤ 0 : 0										PRECIPITATION ≥ 0.10 INCH : 7									
																				THUNDERSTORMS : 5										HEAVY FOG : 2										SNOWFALL ≥ 1.0 INCH :									

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

RICHMOND, VA

SEPTEMBER 1998 RIC WBAN # 13740

DATE	FOR HOUR (LST) ENDING AT												DATE	FOR HOUR (LST) ENDING AT												DATE	Sum if Different (See Note 2)	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		0.77	0.22	T									01	0.02	T			T	T						01	1.01	1.02		
02													02												02		0.00		
03													03							T	T	0.01	0.02	0.14	03		0.17		
04		T	0.01	0.01	0.14	0.34	0.20	0.05	0.09	T	T		04												04		0.84		
05													05												05		0.00		
06													06												06		0.00		
07													07			0.05			T					07		0.07			
08	0.06	0.38	0.16	0.02	T	T	0.01	0.01					08											08		0.64			
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	T											18											18		T			
19													19											19		0.00			
20													20							T	T	T	T	T	20		0.00		
21													21				T		T		T	T	T	T	21	T	0.02		
22	0.03	0.06	0.09	T	T								22			0.05	0.05	T						22	0.28	0.26			
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										T	29		0.43			
30	0.25	0.18	0.04	0.02	T								30											30		0.49			

MAXIMUM SHORT DURATION PRECIPITATION (See Note 1)

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 1: NCDC derives these data from one-minute ASOS values. The table is not printed when inconsistent with ASOS hourly totals.

Note 2: 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
SEPTEMBER 1998

RIC

WBAN # 13740

HOUR (LST)	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
	SKY COVER	CEILING 100'S OF FT			OBSERVATION TIME (LST)	EFF CLD AMT Oktas	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	DRY BULB	DEW POINT	WET BULB
			SUNRISE: 0539		SEP 01		SUNSET: 1838								SUNRISE: 0544		SEP 07		SUNSET: 1829						
01	BKN	032	5.00	HZ	77	69	72	77	9	06	29.69	29.89	01	CLR	NC	4.00	BR	73	70	71	90	7	19	29.70	29.90
04	BKN	120	3.00	BR	71	69	70	94	5	04	29.68	29.87	04	CLR	NC	3.00	BR	70	68	69	93	6	20	29.66	29.85
07	BKN	075	5.00	BR	71	67	68	87	10	03	29.70	29.90	07	CLR	NC	3.00	HZ	74	68	70	82	10	23	29.65	29.85
10	OVC	250	5.00	HZ	80	68	72	67	13	06	29.71	29.91	10	CLR	NC	6.00	HZ	87	68	74	53	9	25	29.62	29.81
13	OVC	040	3.00	-RA	78	71	73	79	9	04	29.68	29.88	13	BKN	250	8.00	HZ	93	64	74	38	16	24	29.54	29.74
16	OVC	200	6.00	HZ	82	67	72	60	13	07	29.65	29.85	16	BKN	250	6.00	HZ	86	74	77	67	3	15	29.47	29.67
19	BKN	250	4.00	BR	73	70	71	90	5	13	29.65	29.85	19	BKN	250	8.00	HZ	83	69	74	63	10	21	29.44	29.63
22	CLR	NC	3.00	BR	70	69	69	97	6	13	29.66	29.85	22	OVC	250	7.00	HZ	82	68	73	63	12	21	29.41	29.60
			SUNRISE: 0540		SEP 02		SUNSET: 1837								SUNRISE: 0545		SEP 08		SUNSET: 1828						
01	OVC	003	1.75	BR	71	70	70	96	5	16	29.63	29.83	01	OVC	060	4.00	-TSRA BR	69	67	68	93	9	33	29.43	29.62
04	SCT	NC	2.00	BR	68	67	67	96	5	19	29.61	29.81	04	OVC	110	7.00	-RA	70	67	68	90	15	32	29.42	29.62
07	CLR	NC	2.00	BR	68	67	67	96	6	18	29.62	29.82	07	OVC	055	6.00	-RA BR	62	59	60	90	8	36	29.50	29.70
10	FEW	NC	3.00	HZ	77	69	72	77	8	20	29.61	29.81	10	OVC	070	10.00	HZ	69	53	60	57	16	01	29.52	29.72
13	FEW	NC	7.00	HZ	85	65	72	51	9	21	29.54	29.74	13	SCT	NC	10.00	HZ	74	50	60	43	10	35	29.51	29.70
16	BKN	250	8.00	HZ	88	63	72	43	14	23	29.50	29.70	16	SCT	NC	10.00	HZ	76	47	60	36	14	34	29.46	29.66
19	OVC	250	8.00	HZ	80	65	70	60	8	18	29.53	29.73	19	BKN	090	10.00	HZ	70	45	56	41	14	33	29.54	29.74
22	BKN	250	4.00	HZ	75	70	72	84	7	20	29.55	29.75	22	FEW	NC	10.00	HZ	61	45	53	56	7	34	29.62	29.82
			SUNRISE: 0541		SEP 03		SUNSET: 1835								SUNRISE: 0546		SEP 09		SUNSET: 1826						
01	BKN	095	6.00	HZ	72	65	67	79	8	02	29.59	29.78	01	CLR	NC	10.00	HZ	58	45	51	62	12	31	29.65	29.85
04	FEW	NC	7.00	HZ	68	61	64	78	5	02	29.61	29.81	04	CLR	NC	10.00	HZ	55	45	50	69	8	30	29.69	29.88
07	OVC	200	5.00	HZ	68	62	64	81	5	01	29.66	29.85	07	CLR	NC	10.00	HZ	57	45	51	64	10	31	29.75	29.95
10	OVC	250	9.00	HZ	78	63	68	60	7	09	29.69	29.89	10	FEW	NC	10.00	HZ	66	47	56	50	16	32	29.78	29.98
13	OVC	250	7.00	HZ	83	65	71	55	3	VR	29.64	29.84	13	SCT	NC	10.00	HZ	71	43	56	36	12	31	29.75	29.95
16	OVC	140	3.00	HZ	81	71	74	72	7	18	29.60	29.80	16	SCT	NC	10.00	HZ	72	42	56	34	9	33	29.75	29.95
19	OVC	080	6.00	HZ	77	71	73	82	7	18	29.61	29.80	19	CLR	NC	10.00	HZ	66	44	54	45	8	31	29.79	29.99
22	OVC	130	9.00	-RA	71	68	69	90	9	15	29.62	29.82	22	CLR	NC	10.00	HZ	63	46	54	54	10	31	29.84	30.04
			SUNRISE: 0542		SEP 04		SUNSET: 1834								SUNRISE: 0547		SEP 10		SUNSET: 1825						
01	OVC	041	9.00	-RA	69	68	68	96	0	00	29.58	29.78	01	CLR	NC	10.00	HZ	61	48	54	63	10	31	29.87	30.07
04	OVC	035	8.00	-RA	70	68	69	93	14	05	29.50	29.70	04	CLR	NC	10.00	HZ	58	48	53	70	8	30	29.89	30.09
07	OVC	005	4.00	-RA BR	70	69	69	97	14	02	29.51	29.71	07	CLR	NC	10.00	HZ	59	49	54	69	9	33	29.93	30.13
10	OVC	010	8.00	-RA	72	70	71	94	14	01	29.56	29.76	10	FEW	NC	10.00	HZ	69	48	58	47	12	35	29.97	30.16
13	FEW	NC	5.00	HZ	84	68	73	59	15	36	29.57	29.77	13	FEW	NC	10.00	HZ	74	47	59	38	12	32	29.92	30.11
16	FEW	NC	10.00	HZ	88	55	68	33	13	34	29.60	29.79	16	CLR	NC	10.00	HZ	76	43	58	31	13	30	29.86	30.06
19	FEW	NC	10.00	HZ	77	58	65	52	0	00	29.67	29.87	19	CLR	NC	10.00	HZ	68	47	57	47	0	00	29.87	30.07
22	CLR	NC	10.00	HZ	68	60	63	76	6	33	29.76	29.96	22	CLR	NC	10.00	HZ	59	50	54	72	0	00	29.90	30.10
			SUNRISE: 0543		SEP 05		SUNSET: 1832								SUNRISE: 0548		SEP 11		SUNSET: 1823						
01	CLR	NC	9.00	HZ	67	60	63	79	0	00	29.81	30.01	01	CLR	NC	10.00	HZ	56	50	53	81	0	00	29.91	30.11
04	CLR	NC	8.00	HZ	65	60	62	84	0	00	29.84	30.04	04	CLR	NC	10.00	HZ	54	50	52	87	0	00	29.92	30.12
07	CLR	NC	5.00	HZ	68	59	63	73	12	01	29.93	30.13	07	CLR	NC	10.00	HZ	60	53	56	78	0	00	29.95	30.15
10	CLR	NC	10.00	HZ	77	54	63	45	9	01	29.98	30.18	10	CLR	NC	10.00	HZ	74	52	61	46	5	VR	29.94	30.14
13	CLR	NC	10.00	HZ	83	52	65	34	0	00	29.95	30.15	13	CLR	NC	10.00	HZ	80	49	62	34	3	VR	29.89	30.09
16	CLR	NC	10.00	HZ	84	54	66	36	3	18	29.91	30.11	16	CLR	NC	10.00	HZ	82	48	62	31	8	28	29.81	30.01
19	CLR	NC	10.00	HZ	72	62	66	71	3	15	29.91	30.11	19	CLR	NC	10.00	HZ	70	54	61	57	8	20	29.80	29.99
22	CLR	NC	9.00	HZ	66	61	63	84	5	13	29.95	30.15	22	CLR	NC	10.00	HZ	70	54	61	57	9	22	29.79	29.99
			SUNRISE: 0544		SEP 06		SUNSET: 1831								SUNRISE: 0549		SEP 12		SUNSET: 1822						
01	CLR	NC	9.00	HZ	64	59	61	84	0	00	29.95	30.15	01	CLR	NC	10.00	HZ	63	54	58	73	0	00	29.77	29.97
04	CLR	NC	6.00	BR	65	61	63	87	0	00	29.92	30.12	04	CLR	NC	10.00	HZ	59	55	57	87	0	00	29.78	29.98
07	CLR	NC	2.00	BR	66	64	65	93	3	19	29.94	30.14	07	SCT	NC	5.00	HZ	63	57	60	81	5	26	29.81	30.01
10	CLR	NC	4.00	HZ	81	68	72	65	13	24	29.92	30.11	10	FEW	NC	10.00	HZ	79	56	65	45	5	22	29.80	30.00
13	CLR	NC	8.00	HZ	90	62	72	39	10	21	29.84	30.04	13	FEW	NC	10.00	HZ	88	53	67	30	9	26	29.73	29.93
16	CLR	NC	8.00	HZ	90	61	71	38	14	21	29.77	29.97	16	FEW	NC	10.00	HZ	88	55	68	33	14	23	29.68	29.88
19	CLR																								

OBSERVATIONS AT 3-HOURLY INTERVALS

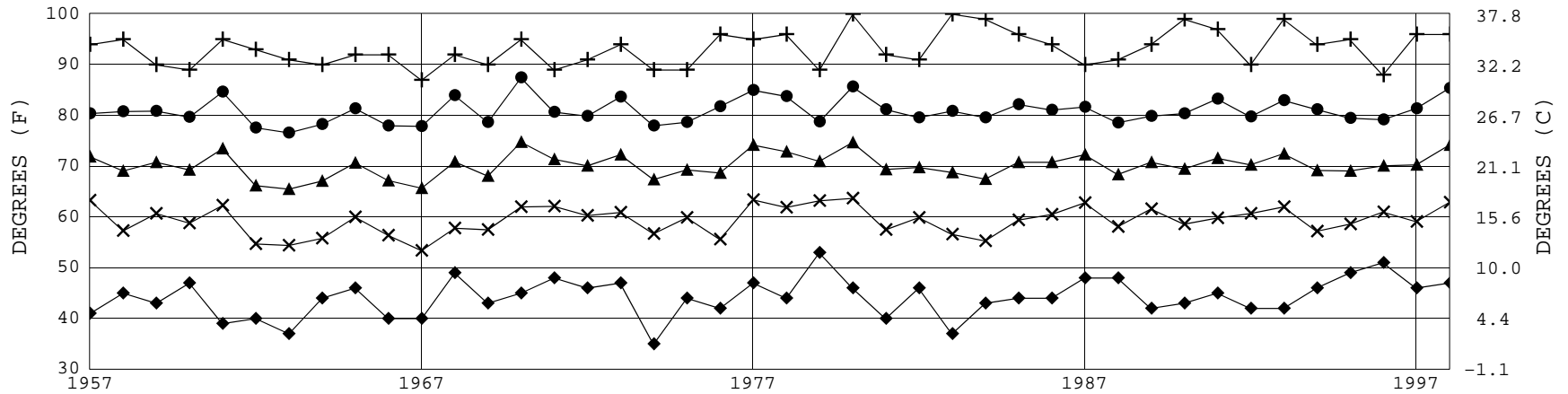
RICHMOND, VA SEPTEMBER 1998

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: 0549								SEP 13	SUNSET: 1820								SUNRISE: 0554								SEP 19	SUNSET: 1811							
01	CLR	NC				8.00		65	60	62	84	0	00	29.73	29.93	01	BKN	021				4.00	BR	71	69	70	94	7	04	29.81	30.01		
04	CLR	NC				7.00		63	59	61	87	0	00	29.73	29.93	04	FEW	NC				3.00	BR	69	69	69	100	5	05	29.79	29.99		
07	CLR	NC				6.00	HZ	67	60	63	79	3	35	29.77	29.97	07	OVC	010				4.00	BR	70	69	69	97	7	03	29.81	30.01		
10	FEW	NC				10.00		84	59	68	43	9	02	29.79	29.99	10																	
13	CLR	NC				10.00		90	59	70	35	5	VR	29.78	29.98	13	SCT	NC				7.00		83	68	73	61	12	03	29.77	29.96		
16	SCT	NC				10.00		92	60	71	34	0	00	29.75	29.95	16	BKN	060				10.00		82	67	72	60	7	07	29.73	29.93		
19	CLR	NC				10.00		80	64	70	58	3	10	29.78	29.97	19	FEW	NC				9.00		76	68	71	77	8	08	29.74	29.94		
22	CLR	NC				7.00		71	64	67	79	7	14	29.84	30.04	22	CLR	NC				7.00		71	69	70	94	0	00	29.77	29.97		
SUNRISE: 0550								SEP 14	SUNSET: 1819								SUNRISE: 0555								SEP 20	SUNSET: 1810							
01	CLR	NC				4.00	BR	68	65	66	90	3	14	29.85	30.05	01	OVC	011				7.00		71	68	69	90	3	04	29.77	29.97		
04	CLR	NC				2.50	BR	65	64	64	97	0	00	29.86	30.06	04	OVC	013				7.00		71	68	69	90	3	35	29.76	29.96		
07	OVC	001				<.25	FG	64	64	64	100	3	14	29.90	30.10	07	CLR	NC				3.00	BR	71	68	69	90	3	33	29.81	30.01		
10	SCT	NC				7.00		80	66	71	62	8	20	29.92	30.12	10	SCT	NC				6.00	HZ	79	67	71	67	3	33	29.82	30.01		
13	OVC	250				8.00		88	66	73	48	9	20	29.89	30.09	13	OVC	035				7.00		82	67	72	60	6	28	29.76	29.96		
16	BKN	250				6.00	HZ	87	69	75	55	9	15	29.86	30.06	16	SCT	NC				5.00	HZ	85	66	72	53	7	18	29.71	29.91		
19	BKN	250				7.00		80	68	72	67	7	16	29.89	30.09	19	FEW	NC				7.00		77	67	70	71	3	17	29.72	29.92		
22	SCT	NC				4.00	BR	72	69	70	91	6	13	29.92	30.12	22	CLR	NC				5.00	BR	71	68	69	90	0	00	29.77	29.97		
SUNRISE: 0551								SEP 15	SUNSET: 1817								SUNRISE: 0556								SEP 21	SUNSET: 1808							
01	SCT	NC				3.00	BR	70	68	69	93	6	17	29.93	30.12	01	CLR	NC				3.00	BR	69	68	68	96	6	18	29.76	29.96		
04	OVC	004				1.50	BR	70	68	69	93	3	15	29.91	30.11	04	CLR	NC				4.00	BR	69	67	68	93	3	18	29.73	29.93		
07	OVC	003				1.00	BR	71	70	70	96	9	19	29.94	30.14	07	OVC	250				2.50	BR	70	68	69	93	3	18	29.74	29.94		
10	SCT	NC				3.00	HZ	80	71	74	74	5	VR	29.95	30.15	10	CLR	NC				9.00		82	70	74	67	9	23	29.75	29.95		
13	FEW	NC				3.00	HZ	89	69	75	52	9	19	29.89	30.09	13	BKN	150				10.00		87	69	75	55	9	19	29.69	29.89		
16	FEW	NC				3.00	HZ	90	70	76	52	10	18	29.85	30.05	16	OVC	055				10.00		86	68	74	55	7	18	29.65	29.85		
19	BKN	250				3.00	HZ	79	70	73	74	7	18	29.88	30.08	19	OVC	120				9.00		79	69	72	72	6	15	29.66	29.86		
22	SCT	NC				3.00	HZ	75	70	72	84	7	19	29.90	30.10	22	OVC	075				7.00		75	72	73	90	5	22	29.68	29.88		
SUNRISE: 0552								SEP 16	SUNSET: 1816								SUNRISE: 0557								SEP 22	SUNSET: 1806							
01	SCT	NC				3.00	BR	73	69	70	87	6	19	29.89	30.08	01	OVC	070				6.00	BR	73	71	72	94	5	33	29.66	29.85		
04	FEW	NC				3.00	BR	70	67	68	90	5	20	29.87	30.07	04	BKN	026				4.00	BR	72	71	71	97	5	15	29.61	29.81		
07	OVC	250				1.50	BR	69	67	68	93	6	19	29.89	30.09	07	OVC	005				2.00	BR	72	72	72	100	0	00	29.62	29.82		
10	OVC	250				3.00	HZ	80	68	72	67	6	26	29.91	30.11	10	OVC	012				5.00	BR	75	71	72	88	7	27	29.63	29.83		
13	OVC	250				3.00	HZ	88	68	74	52	9	20	29.86	30.05	13	CLR	NC				5.00	HZ	80	70	73	71	3	VR	29.58	29.78		
16	OVC	250				5.00	HZ	88	68	74	52	8	19	29.81	30.01	16	SCT	NC				6.00	HZ	84	68	73	59	9	28	29.53	29.73		
19	OVC	250				5.00	HZ	81	69	73	67	8	16	29.81	30.01	19	BKN	065				7.00		70	68	69	93	8	34	29.61	29.81		
22	FEW	NC				5.00	HZ	76	69	71	79	3	20	29.84	30.03	22	BKN	085				6.00	BR	69	66	67	90	7	36	29.66	29.86		
SUNRISE: 0553								SEP 17	SUNSET: 1814								SUNRISE: 0558								SEP 23	SUNSET: 1805							
01	FEW	NC				5.00	HZ	73	68	70	84	0	00	29.83	30.03	01	FEW	NC				10.00		66	60	62	81	12	36	29.71	29.91		
04	FEW	NC				2.50	BR	69	68	68	96	3	19	29.80	30.00	04	CLR	NC				10.00		63	49	55	60	14	35	29.78	29.98		
07	BKN	250				1.75	BR	70	69	69	97	3	20	29.83	30.02	07	CLR	NC				10.00		60	49	54	67	16	36	29.86	30.06		
10	OVC	250				4.00	HZ	80	69	73	69	0	00	29.82	30.02	10	BKN	045				10.00		65	50	57	59	14	05	29.94	30.14		
13	OVC	250				6.00	HZ	86	69	74	57	7	15	29.79	29.98	13	SCT	NC				10.00		68	44	55	42	14	03	29.93	30.13		
16	BKN	200				5.00	HZ	87	67	73	51	6	16	29.75	29.95	16	CLR	NC				10.00		69	37	53	31	10	02	29.92	30.12		
19	BKN	250				6.00	HZ	79	68	72	69	5	12	29.76	29.96	19	CLR	NC				10.00		59	42	51	54	5	04	29.95	30.16		
22	OVC	050				5.00	HZ	76	70	72	82	10	03	29.82	30.02	22	CLR	NC				10.00		50	45	48	83	0	00	29.98	30.18		
SUNRISE: 0554								SEP 18	SUNSET: 1813								SUNRISE: 0559								SEP 24	SUNSET: 1803							
01	OVC	150				6.00	-RA BR	73	68	70	84	3	36	29.80	29.99	01	CLR	NC				10.00		50	45	48	83	0	00	30.00	30.21		
04	OVC	150				4.00	BR	70	68	69	93	7	34	29.78	29.98	04	CLR	NC				10.00		48	45	47	89	0	00	30.02	30.22		
07	OVC	002				0.75	BR	70	70	70	100	7	36	29.81	30.01	07	CLR	NC				10.00		51	46	49	83	0	00	30.06	30.26		
10	OVC	018				2.00	HZ	77	72	74	85	6	04	29.83	30.02	10	CLR	NC				10.00		66	45	55	47	6	16	30.06	30.26		
13	SCT	NC				5.00	HZ	83	70	74	65	13	11	29.80	30.00	13	CLR	NC				10.00		71	43	56	36	9	20	30.01	30.21		
16	BKN	060				4.00	HZ	81	69	73	67	12	09	29.77	29.97	16	CLR	NC				10.00		74	47	59	38	7	20	29.95	30.16		
19	SCT	NC				5.00	HZ	75	69	71	82	5	08	29.79	29.99	19	CLR	NC				10.00		64	53	58	68	3	15	29.96	30.16		
22	CLR	NC				4.00	BR	72	69	70	91	6	06	29.81	30.01	22	CLR	NC				10.00		59	51	55	75	6	13	29.99	30.19		

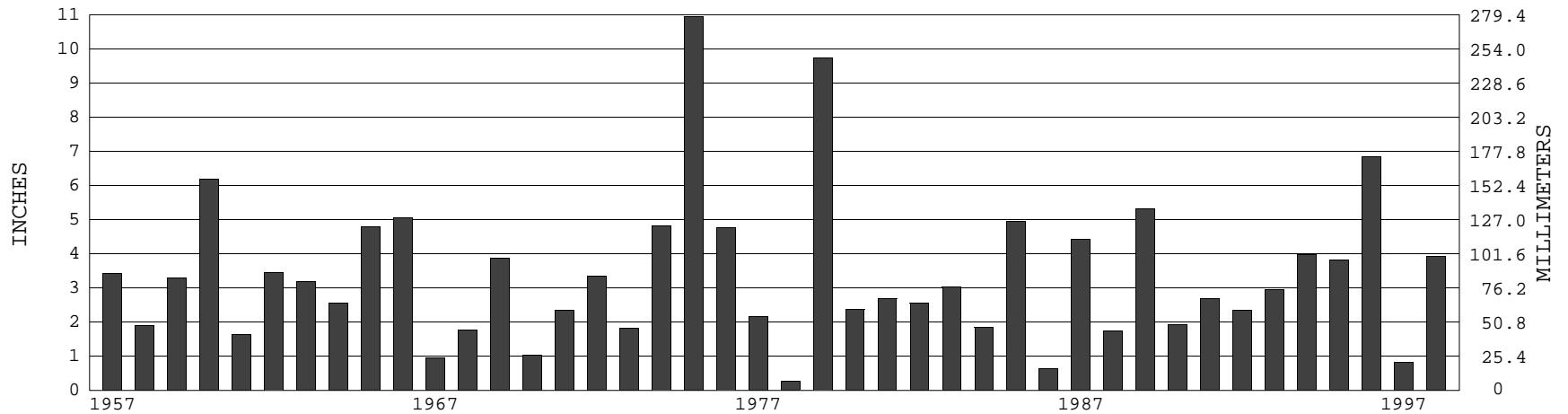
RICHMOND, VA SEPTEMBER TEMPERATURES



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

Long-Term (1957-1998) Mean: 70.2 1961-1990 Normal: 70.0

RICHMOND, VA SEPTEMBER PRECIPITATION



Long-Term (1957-1998) Mean Monthly Total: 3.39

1961-1990 Normal: 3.34



**SEPTEMBER 1998
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

NOTICE

Effective July 1, 1996, the National Weather Service & Federal Aviation Administration began using the METAR format for Hourly Observations.

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