



# APRIL 2005

## LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

# RICHMOND, VA

RICHMOND INTL AIRPORT (RIC)  
 Lat: 37°30' N Long: 77°19' W Elev (Ground): 164 Feet  
 Time Zone: EASTERN WBAN: 13740 ISSN #:0198-537X

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	62	49	56	3	51	53	9	0	RA DZ BR			0.0	T	29.80	29.99	5.8	07	7.8	23	10	18	11	01															
02	67	48	58	5	51	54	7	0	RA DZ FG BR			0.0	0.99	29.21	29.39	7.6	22	12.1	35	27	28	26	02															
03	64	43	54	1	29	42	11	0				0.0	0.00	29.41	29.59	15.1	27	16.1	40*	28	30	30	03															
04	74	40	57	4	36	48	8	0				0.0	0.00	29.76	29.95	6.6	28	8.7	30	29	23	29	04															
05	74	40	57	3	40	50	8	0				0.0	0.00	30.00	30.19	4.3	16	5.3	17	18	14	18	05															
06	86	51	69	15	52	59	0	4				0.0	0.00	29.95	30.13	11.5	21	11.9	28	20	22	21	06															
07	78	61	70	16	61	64	0	5	RA BR			0.0	0.17	29.77	29.95	13.0	20	13.4	37	18	30	18	07															
08	69	51	60	5	59	59	5	0	RA FG BR			0.0	0.20	29.68	29.87	5.4	04	7.4	24	03	20	04	08															
09	66	45	56	1	43	49	9	0				0.0	0.00	29.88	30.07	10.0	05	10.7	32	05	23	09	09															
10	74	40	57	2	41	49	8	0				0.0	0.00	29.89	30.08	1.7	04	2.7	14	03	12	12	10															
11	71	44	58	2	45	51	7	0				0.0	0.00	29.88	30.07	5.1	10	6.2	20	07	15	14	11															
12	57	42	50	-7	42	45	15	0	RA DZ			0.0	0.05	29.85	30.04	5.9	09	7.1	17	09	14	14	12															
13	63	43	53	-4	42	46	12	0	RA			0.0	0.03	29.72	29.90	9.0	06	9.4	25	05	20	04	13															
14	65	38	52	-5	40	46	13	0				0.0	0.00	29.85	30.04	9.4	04	10.2	26	02	23	02	14															
15	58	38	48	-9	32	42	17	0				0.0	0.00	30.15	30.34	14.3	04	14.7	36	01	26	03	15															
16	62	38	50	-8	31	42	15	0				0.0	0.00	30.27	30.46	10.8	03	11.4	29	03	24	04	16															
17	74	35*	55	-3	34	46	10	0				0.0	0.00	30.10	30.28	1.9	27	3.4	14	25	10	24	17															
18	81	46	64	6	46	55	1	0				0.0	0.00	29.95	30.14	1.5	34	4.8	17	01	14	01	18															
19	86	49	68	10	51	58	0	3				0.0	0.00	29.88	30.06	0.5	26	1.8	16	01	13	36	19															
20	89*	58	74*	15	54	62	0	9	HZ			0.0	0.00	29.74	29.93	4.9	25	6.2	24	26	22	25	20															
21	83	52	68	9	54	59	0	3	TSRA RA BR			0.0	0.48	29.73	29.91	2.3	09	6.0	25	06	21	06	21															
22	63	52	58	-1	53	55	7	0	RA BR HZ			0.0	0.01	29.64	29.83	4.8	09	5.8	14	09	12	09	22															
23	75	47	61	2	51	55	4	0	RA BR			0.0	0.03	29.28	29.47	9.6	22	12.1	36	26	30*	26	23															
24	53	42	48*	-12	30	40	17	0				0.0	0.00	29.34	29.52	13.2	25	13.4	30	23	24	25	24															
25	68	43	56	-4	32	45	9	0				0.0	0.00	29.53	29.72	12.4	24	13.5	32	24	26	24	25															
26	68	45	57	-3	42	50	8	0	RA			0.0	T	29.67	29.86	10.0	18	10.4	31	19	26	19	26															
27	73	52	63	3	45	54	2	0	BR			0.0	0.00	29.58	29.77	6.8	28	8.7	23	26	20	26	27															
28	69	47	58	-3	37	49	7	0				0.0	0.00	29.81	30.00	7.4	26	8.5	26	27	21	27	28															
29	66	54	60	-1	51	55	5	0	RA BR			0.0	0.08	29.80	29.99	6.1	21	7.3	20	22	17	21	29															
30	76	58	67	6	60	63	0	2	RA			0.0	0.01	29.64	29.83	11.3	20	11.7	33	20	28	21	30															
< MONTHLY AVERAGES											TOTALS-->		0.0	2.05	29.76	29.95	1.3	24	9.0	<-- MONTHLY AVERAGES																		
1.6											1.1		1.4		<-----DEPARTURE FROM NORMAL----->											-1.13		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3										
DEGREE DAYS											GREATEST 24-HR PRECIPITATION: 0.99 DATE :02				SEA LEVEL PRESSURE				DATE		TIME																	
MONTHLY TOTAL DEPARTURE											GREATEST 24-HR SNOWFALL: 0.0 DATE :				MAXIMUM				:		:																	
SEASON TO DATE TOTAL DEPARTURE											GREATEST SNOW DEPTH:				MINIMUM				:		:																	
HEATING: 214 -40 3475 -356											NUMBER OF DAYS WITH =>				MAXIMUM TEMP ≥ 90: 0				MINIMUM TEMP ≤ 32: 0				PRECIPITATION ≥ 0.01 INCH : 10															
COOLING: 26 -7 29 -13															MAXIMUM TEMP ≤ 32 : 0				MINIMUM TEMP ≤ 0 : 0				PRECIPITATION ≥ 0.10 INCH : 4															
															THUNDERSTORMS : 1				HEAVY FOG : 0				SNOWFALL ≥ 1.0 INCH : 0															

APRIL 2005  
RICHMOND, VA

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

## RICHMOND, VA

APRIL 2005

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	T	0.02	0.15	0.04	0.01	T				0.06	0.54	0.05	02	0.11	0.01					T	T			T	02			0.99		
03													03												03			0.00		
04													04												04			0.00		
05													05												05			0.00		
06													06												06			0.00		
07													07		T				0.13	T	T			0.04	07			0.17		
08	0.12	0.01	0.01										08			T			T	0.01	T	0.04	T	0.01	08			0.20		
09													09												09			0.00		
10													10												10			0.00		
11													11												11			0.00		
12													12						T	T	0.01	0.04	T	T	12			0.05		
13		T	0.01	0.01	T	T	0.01	T	T				13												13			0.03		
14													14												14			0.00		
15													15												15			0.00		
16													16												16			0.00		
17													17												17			0.00		
18													18												18			0.00		
19													19												19			0.00		
20													20												20			0.00		
21													21			T	T	0.22	0.11	0.05	0.03	T		0.05	0.02	21			0.48	
22	0.01	T	T	T									22												22			0.01		
23		0.03	T								T	T	23							T					23			0.03		
24													24												24			0.00		
25													25												25			0.00		
26													26												26			T		
27													27												27			0.00		
28													28												28			0.00		
29													29	T	T										29			0.08		
30					T								30			0.01	T								30			0.01		

### MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	.21	.32	.39	.44	.50	.53	.56	.59	.62	.63	.67	.72
Ending Date	02	02	02	02	02	02	02	02	02	02	02	02
Ending Time (Hour/Min)	1029	1032	1037	1040	1040	1055	1058	1058	1058	1111	1238	1247

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 1971–2000

### 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 APRIL 2005

Ceilometer (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							5.00	10.00	
02							.50	10.00	
03							10.00	10.00	
04							10.00	10.00	
05							10.00	10.00	
06							10.00	10.00	
07							5.00	10.00	
08							.50	10.00	
09							10.00	10.00	
10							10.00	10.00	
11							10.00	10.00	
12							7.00	10.00	
13							7.00	10.00	
14							10.00	10.00	
15							10.00	10.00	
16							10.00	10.00	
17							10.00	10.00	
18							10.00	10.00	
19							9.00	10.00	
20							6.00	10.00	
21							1.00	10.00	
22							3.00	10.00	
23							1.50	10.00	
24							10.00	10.00	
25							10.00	10.00	
26							10.00	10.00	
27							6.00	10.00	
28							10.00	10.00	
29							5.00	10.00	
30							7.00	10.00	
<b>MONTHLY AVGS</b>							7.45	10.00	
<b>SUNSHINE (MINUTES)</b>									
Total:                      Possible:                      Percent Possible:									
<b>NUMBER OF DAYS WITH:</b>									
<b>SKY CONDITION</b>									
CLR   PTLY CLDY   CLOUDY   MISSING									
30									
<b>MINIMUM VISIBILITY (MILES)</b>									
<=0.25    <=3.0    >=7.0									
0                      5                      20									

# OBSERVATIONS AT 3-HOURLY INTERVALS

## RICHMOND, VA

APRIL 2005

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	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
<b>SUNRISE: 0555</b>				<b>APR 01</b>				<b>SUNSET: 1832</b>				<b>SUNRISE: 0546</b>				<b>APR 07</b>				<b>SUNSET: 1838</b>							
01	OVC	100			10.00	55	53	54	93	0	00	29.82	30.01	01	BKN	250			10.00	64	55	59	73	12	19	29.89	30.08
04	OVC	013			8.00	52	52	52	100	3	03	29.82	30.01	04	BKN	250			10.00	61	56	58	84	13	20	29.85	30.04
07	OVC	100		BR	6.00	51	51	51	100	5	04	29.88	30.07	07	OVC	150			10.00	62	59	60	90	13	19	29.87	30.06
10	OVC	250			10.00	58	48	53	70	14	02	29.90	30.09	10	OVC	150			10.00	71	62	65	73	23	21	29.85	30.03
13	OVC	150			10.00	60	47	53	62	10	03	29.89	30.09	13	OVC	060			10.00	75	61	66	62	14	22	29.77	29.96
16	OVC	041			10.00	61	49	55	65	8	11	29.81	30.00	16	OVC	070			10.00	76	61	67	60	18	19	29.67	29.85
19	OVC	023			10.00	58	51	54	78	12	12	29.71	29.90	19	OVC	030		-RA BR	5.00	65	65	65	100	6	20	29.66	29.85
22	OVC	007		-DZ	7.00	52	52	52	100	10	12	29.64	29.83	22	OVC	080			10.00	66	65	65	96	14	19	29.64	29.83
<b>SUNRISE: 0553</b>				<b>APR 02</b>				<b>SUNSET: 1833</b>				<b>SUNRISE: 0544</b>				<b>APR 08</b>				<b>SUNSET: 1839</b>							
01	OVC	001		FG	0.50	51	51	51	100	6	13	29.55	29.74	01	OVC	075		-RA	9.00	63	63	63	100	8	18	29.65	29.84
04	OVC	001		RA BR	1.75	57	57	57	100	14	14	29.38	29.56	04	OVC	003		BR	4.00	62	62	62	100	0	00	29.61	29.80
07	OVC	017			10.00	65	63	64	93	14	16	29.28	29.46	07	OVC	005		BR	1.50	60	60	60	100	0	00	29.63	29.82
10	OVC	010		RA BR	2.00	64	64	64	100	17	17	29.17	29.35	10	OVC	011			9.00	65	63	64	93	0	00	29.67	29.86
13	OVC	016		-RA BR	5.00	58	57	57	97	0	00	29.12	29.30	13	OVC	013			10.00	66	62	64	87	10	02	29.65	29.84
16	BKN	048			10.00	63	52	57	68	14	25	29.04	29.23	16	OVC	010			7.00	59	57	58	93	14	04	29.66	29.85
19	BKN	080			10.00	56	39	48	53	18	26	29.08	29.26	19	OVC	005		-RA BR	4.00	56	56	56	100	10	05	29.71	29.90
22	BKN	050			10.00	49	34	42	57	14	24	29.17	29.35	22	OVC	008		-RA BR	2.50	51	51	51	100	13	05	29.78	29.97
<b>SUNRISE: 0552</b>				<b>APR 03</b>				<b>SUNSET: 1834</b>				<b>SUNRISE: 0543</b>				<b>APR 09</b>				<b>SUNSET: 1839</b>							
01	OVC	060			10.00	46	34	41	63	24	24	29.20	29.39	01	OVC	048			10.00	51	48	50	89	9	03	29.79	29.98
04	BKN	080			10.00	46	30	39	54	17	26	29.25	29.43	04	BKN	055			10.00	51	46	49	83	10	02	29.82	30.01
07	SCT	NC			10.00	45	30	39	56	16	25	29.33	29.51	07	SCT	NC			10.00	50	44	47	80	13	03	29.88	30.07
10	BKN	250			10.00	53	33	44	47	21	27	29.39	29.57	10	CLR	NC			10.00	60	39	50	46	18	05	29.91	30.11
13	BKN	090			10.00	57	27	44	32	22	30	29.40	29.58	13	CLR	NC			10.00	65	40	52	40	16	07	29.91	30.10
16	BKN	100			10.00	63	24	46	23	17	30	29.43	29.61	16	FEW	NC			10.00	64	41	52	43	10	07	29.87	30.06
19	FEW	NC			10.00	60	25	45	26	16	29	29.51	29.70	19	CLR	NC			10.00	57	41	49	55	6	07	29.88	30.08
22	CLR	NC			10.00	54	27	42	35	9	30	29.61	29.80	22	CLR	NC			10.00	51	42	47	71	5	07	29.92	30.11
<b>SUNRISE: 0550</b>				<b>APR 04</b>				<b>SUNSET: 1835</b>				<b>SUNRISE: 0541</b>				<b>APR 10</b>				<b>SUNSET: 1840</b>							
01	CLR	NC			10.00	43	33	39	68	5	20	29.64	29.84	01	CLR	NC			10.00	45	41	43	86	0	00	29.91	30.10
04	CLR	NC			10.00	42	30	37	62	7	23	29.67	29.86	04	CLR	NC			10.00	41	40	41	96	3	36	29.88	30.07
07	CLR	NC			10.00	46	36	42	68	6	23	29.74	29.93	07	FEW	NC			10.00	45	43	44	93	0	00	29.93	30.12
10	CLR	NC			10.00	64	35	50	34	13	29	29.78	29.97	10	CLR	NC			10.00	61	41	51	48	5	03	29.94	30.14
13	CLR	NC			10.00	71	37	54	29	21	31	29.75	29.94	13	CLR	NC			10.00	70	36	53	29	6	01	29.89	30.09
16	CLR	NC			10.00	74	38	55	27	15	28	29.73	29.92	16	CLR	NC			10.00	73	39	55	29	0	00	29.85	30.04
19	CLR	NC			10.00	67	37	52	33	7	36	29.78	29.98	19	FEW	NC			10.00	65	45	54	49	3	15	29.84	30.03
22	CLR	NC			10.00	58	38	48	48	6	04	29.85	30.04	22	CLR	NC			10.00	56	45	50	67	3	17	29.88	30.07
<b>SUNRISE: 0549</b>				<b>APR 05</b>				<b>SUNSET: 1836</b>				<b>SUNRISE: 0540</b>				<b>APR 11</b>				<b>SUNSET: 1841</b>							
01	CLR	NC			10.00	48	43	46	83	0	00	29.90	30.09	01	CLR	NC			10.00	51	45	48	80	0	00	29.87	30.06
04	CLR	NC			10.00	44	38	41	79	0	00	29.94	30.13	04	CLR	NC			10.00	48	43	46	83	3	17	29.85	30.05
07	FEW	NC			10.00	46	43	45	89	0	00	30.03	30.22	07	SCT	NC			10.00	51	46	49	83	0	00	29.87	30.07
10	CLR	NC			10.00	62	29	47	29	0	00	30.09	30.28	10	FEW	NC			10.00	69	45	56	42	9	07	29.89	30.08
13	FEW	NC			10.00	71	39	55	31	6	VR	30.04	30.24	13	FEW	NC			10.00	71	47	58	42	8	05	29.87	30.06
16	FEW	NC			10.00	74	42	57	32	6	17	29.97	30.16	16	CLR	NC			10.00	68	46	56	45	10	09	29.87	30.06
19	SCT	NC			10.00	65	47	55	52	10	14	29.97	30.16	19	FEW	NC			10.00	57	43	50	60	9	11	29.88	30.07
22	FEW	NC			10.00	60	48	54	65	10	17	29.99	30.19	22	FEW	NC			10.00	48	44	46	86	8	14	29.90	30.09
<b>SUNRISE: 0547</b>				<b>APR 06</b>				<b>SUNSET: 1837</b>				<b>SUNRISE: 0539</b>				<b>APR 12</b>				<b>SUNSET: 1842</b>							
01	FEW	NC			10.00	58	48	53	70	12	18	29.98	30.17	01	BKN	250			10.00	44	44	44	100	0	00	29.90	30.09
04	BKN	250			10.00	52	48	50	86	7	20	29.97	30.16	04	BKN	075			10.00	42	42	42	100	6	05	29.90	30.09
07	SCT	NC			10.00	55	52	53	90	6	19	29.99	30.18	07	BKN	080			10.00	46	45	46	96	3	05	29.91	30.10
10	BKN	250			10.00	73	55	62	53	8	20	30.00	30.19	10	OVC	200			10.00	56	41	49	57	8	08	29.90	30.09
13	OVC	250			10.00	85	52	65	32	22	22	29.95	30.14	13	OVC	075			10.00	53	42	48	66	9	07	29.87	30.06
16	SCT	NC			10.00	84	52	65	33	20	20	29.89	30.08	16	OVC	130			10.00	50	39	45	66	9	12	29.81	30.00
19	BKN	250			10.00	70	52	60	53	9	19	29.90	30.09	19	OVC	090			10.00	47	43	45	86	6	14	29.78	29.98
22	SCT	NC			10.00	66	52	58	61	9	19	29.91	30.09	22	OVC	085		-RA	10.00	44	44	44	100	6	13	29.77	29.96

# OBSERVATIONS AT 3-HOURLY INTERVALS

## RICHMOND, VA

APRIL 2005

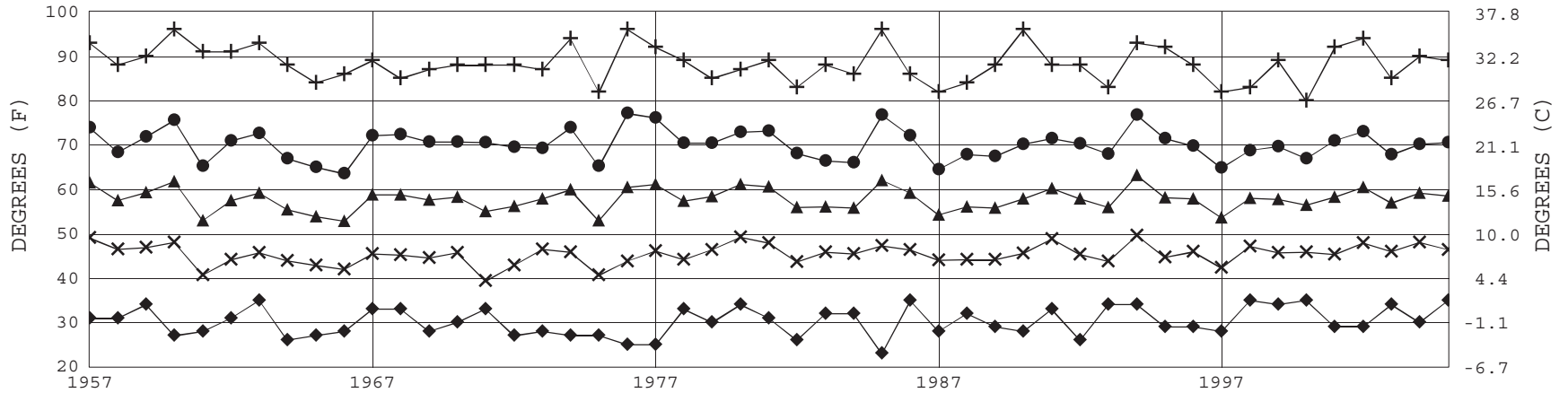
RIC

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)
<b>SUNRISE: 0537</b>				<b>APR 13</b>				<b>SUNSET: 1843</b>				<b>SUNRISE: 0529</b>				<b>APR 19</b>				<b>SUNSET: 1848</b>					
01	OVC	025		10.00	44	44	44	100	8	06	29.73	29.92	01	CLR	NC		10.00	55	47	51	74	3	19	29.92	30.11
04	OVC	022	-RA	8.00	44	44	44	100	5	08	29.68	29.88	04	CLR	NC		10.00	51	44	48	77	0	00	29.89	30.08
07	OVC	028		10.00	45	45	45	100	7	04	29.69	29.88	07	SCT	NC		9.00	54	49	51	83	0	00	29.93	30.12
10	OVC	040		10.00	49	45	47	86	12	04	29.72	29.91	10	SCT	NC		10.00	77	51	62	40	0	00	29.93	30.11
13	BKN	250		10.00	60	44	52	56	17	05	29.69	29.88	13	SCT	NC		10.00	86	53	66	32	0	00	29.88	30.07
16	SCT	NC		10.00	63	39	51	41	16	06	29.67	29.87	16	SCT	NC		10.00	85	53	66	34	0	00	29.82	30.00
19	SCT	NC		10.00	53	40	47	61	10	07	29.73	29.92	19	BKN	150		10.00	75	55	63	50	5	02	29.82	30.01
22	BKN	200		10.00	46	40	43	79	7	05	29.78	29.97	22	BKN	150		10.00	68	54	60	61	3	12	29.84	30.03
<b>SUNRISE: 0536</b>				<b>APR 14</b>				<b>SUNSET: 1844</b>				<b>SUNRISE: 0528</b>				<b>APR 20</b>				<b>SUNSET: 1849</b>					
01	BKN	250		10.00	41	38	40	89	6	01	29.78	29.98	01	BKN	130		10.00	62	54	58	75	0	00	29.82	30.01
04	BKN	250		10.00	38	37	38	97	7	36	29.80	29.99	04	BKN	100		10.00	62	54	58	75	0	00	29.81	30.00
07	SCT	NC		10.00	44	40	42	85	9	03	29.83	30.03	07	FEW	NC		6.00	63	55	58	76	5	19	29.87	29.99
10	FEW	NC		10.00	55	40	48	57	9	02	29.86	30.06	10	CLR	NC		8.00	79	56	65	45	7	27	29.80	29.99
13	FEW	NC		10.00	63	38	51	40	16	02	29.84	30.03	13	FEW	NC		10.00	87	53	66	31	8	32	29.74	29.93
16	SCT	NC		10.00	63	40	51	43	18	03	29.82	30.01	16	SCT	NC		10.00	88	55	68	33	12	25	29.66	29.85
19	FEW	NC		10.00	57	42	50	58	7	05	29.85	30.04	19	FEW	NC		10.00	82	53	65	37	13	23	29.64	29.83
22	CLR	NC		10.00	51	42	47	71	7	07	29.91	30.10	22	CLR	NC		10.00	74	54	62	50	10	23	29.66	29.85
<b>SUNRISE: 0534</b>				<b>APR 15</b>				<b>SUNSET: 1845</b>				<b>SUNRISE: 0526</b>				<b>APR 21</b>				<b>SUNSET: 1850</b>					
01	CLR	NC		10.00	46	38	42	73	9	03	29.96	30.15	01	FEW	NC		10.00	70	55	61	59	9	26	29.65	29.84
04	CLR	NC		10.00	45	37	41	74	14	03	30.00	30.19	04	FEW	NC		10.00	65	49	56	56	7	26	29.64	29.83
07	CLR	NC		10.00	46	34	41	63	15	03	30.08	30.28	07	FEW	NC		8.00	63	53	57	70	0	00	29.70	29.89
10	FEW	NC		10.00	52	34	44	50	20	04	30.16	30.35	10	BKN	150		10.00	76	56	64	50	9	04	29.74	29.92
13	CLR	NC		10.00	57	32	46	39	26	02	30.17	30.37	13	BKN	075		10.00	81	56	66	42	6	VR	29.69	29.88
16	FEW	NC		10.00	57	32	46	39	17	03	30.18	30.37	16	OVC	040		6.00	65	60	62	84	16	07	29.70	29.89
19	CLR	NC		10.00	48	25	39	41	15	06	30.26	30.45	19	OVC	010		5.00	58	55	56	90	0	00	29.79	29.98
22	CLR	NC		10.00	39	30	35	70	7	36	30.27	30.47	22	OVC	020		10.00	53	51	52	93	5	06	29.83	30.01
<b>SUNRISE: 0533</b>				<b>APR 16</b>				<b>SUNSET: 1846</b>				<b>SUNRISE: 0525</b>				<b>APR 22</b>				<b>SUNSET: 1851</b>					
01	CLR	NC		10.00	40	34	37	79	13	02	30.25	30.45	01	OVC	007		10.00	52	51	52	97	6	09	29.78	29.97
04	FEW	NC		10.00	39	32	36	76	14	01	30.24	30.44	04	OVC	009		9.00	53	51	52	93	6	05	29.75	29.95
07	SCT	NC		10.00	42	31	38	65	15	02	30.30	30.49	07	OVC	029		8.00	54	52	53	93	3	06	29.75	29.95
10	FEW	NC		10.00	54	27	43	35	16	02	30.33	30.52	10	OVC	013		10.00	57	52	54	83	6	10	29.73	29.93
13	SCT	NC		10.00	60	32	47	35	17	02	30.29	30.48	13	OVC	013		10.00	60	54	57	80	6	14	29.66	29.85
16	FEW	NC		10.00	61	34	48	36	15	06	30.24	30.43	16	OVC	014		4.00	62	55	58	78	6	13	29.58	29.77
19	FEW	NC		10.00	53	33	44	47	7	04	30.24	30.44	19	OVC	150		5.00	59	55	57	87	7	07	29.52	29.70
22	CLR	NC		10.00	46	30	39	54	0	00	30.26	30.45	22	OVC	006		4.00	56	55	55	97	3	03	29.48	29.66
<b>SUNRISE: 0532</b>				<b>APR 17</b>				<b>SUNSET: 1847</b>				<b>SUNRISE: 0524</b>				<b>APR 23</b>				<b>SUNSET: 1852</b>					
01	CLR	NC		10.00	39	32	36	76	0	00	30.21	30.40	01	OVC	100		4.00	56	54	55	93	0	00	29.40	29.59
04	CLR	NC		10.00	37	28	34	70	6	33	30.18	30.37	04	OVC	075		1.50	57	56	56	96	5	22	29.36	29.54
07	CLR	NC		10.00	42	33	38	71	6	31	30.19	30.39	07	BKN	022		10.00	62	57	59	84	16	19	29.35	29.53
10	CLR	NC		10.00	60	33	48	36	0	00	30.16	30.35	10	OVC	028		10.00	65	58	61	78	13	20	29.31	29.49
13	CLR	NC		10.00	69	32	51	25	6	29	30.09	30.28	13	BKN	039		10.00	72	59	64	64	15	18	29.22	29.40
16	FEW	NC		10.00	73	37	55	27	6	30	30.00	30.19	16	BKN	050		10.00	63	55	58	76	14	27	29.17	29.35
19	BKN	200		10.00	62	41	51	46	7	18	29.98	30.17	19	BKN	080		10.00	58	46	52	65	7	24	29.23	29.41
22	BKN	200		10.00	57	42	50	58	0	00	30.00	30.19	22	FEW	NC		10.00	51	31	42	46	15	26	29.30	29.49
<b>SUNRISE: 0530</b>				<b>APR 18</b>				<b>SUNSET: 1848</b>				<b>SUNRISE: 0522</b>				<b>APR 24</b>				<b>SUNSET: 1853</b>					
01	SCT	NC		10.00	53	40	47	61	5	18	29.97	30.16	01	CLR	NC		10.00	47	32	40	56	12	25	29.30	29.48
04	SCT	NC		10.00	49	38	44	66	0	00	29.96	30.15	04	FEW	NC		10.00	44	34	40	68	9	24	29.29	29.47
07	FEW	NC		10.00	55	41	48	59	0	00	29.98	30.17	07	BKN	090		10.00	46	34	41	63	14	24	29.31	29.49
10	SCT	NC		10.00	75	47	59	37	10	36	30.00	30.19	10	BKN	049		10.00	50	29	41	44	10	25	29.32	29.50
13	SCT	NC		10.00	77	49	61	37	10	26	29.96	30.14	13	BKN	070		10.00	51	28	41	41	20	25	29.33	29.52
16	FEW	NC		10.00	80	51	63	37	6	04	29.90	30.09	16	OVC	070		10.00	51	27	41	39	17	25	29.33	29.51
19	CLR	NC		10.00	73	52	61	48	0	00	29.89	30.09	19	BKN	200		10.00	48	26	39	42	17	26	29.38	29.57
22	CLR	NC		10.00	62	47	54	58	6	14	29.92	30.11	22	OVC	200		10.00	47	28	39	48	13	24	29.42	29.60



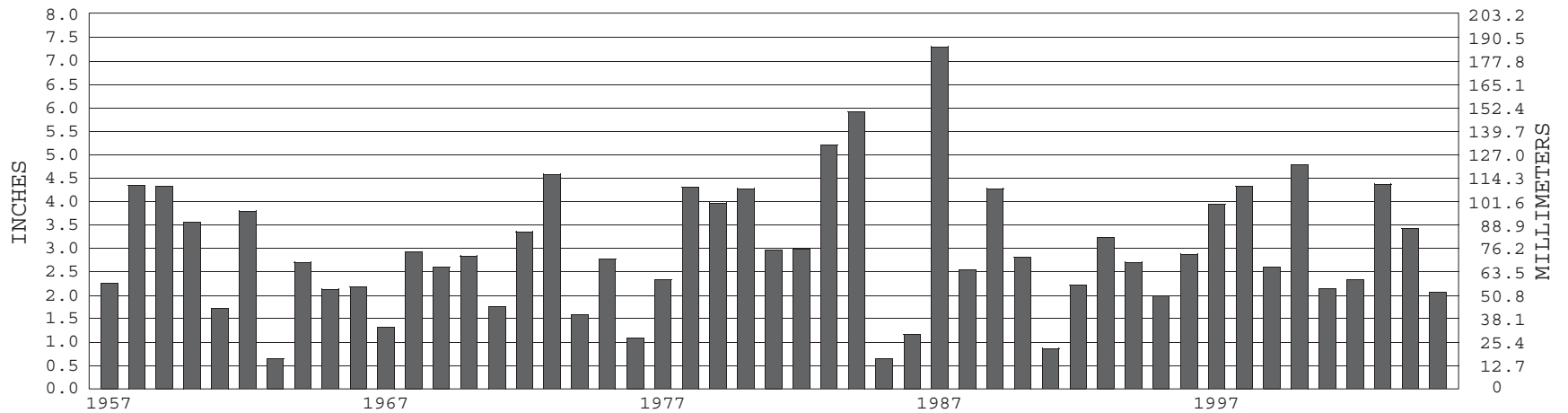
### RICHMOND, VA APRIL TEMPERATURES



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

Long-Term (1957-2005) Mean: 57.8      1971-2000 Normal: 57.1

### RICHMOND, VA APRIL PRECIPITATION



Long-Term (1957-2005) Mean Monthly Total: 3.00

1971-2000 Normal: 3.18



APRIL 2005  
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.*

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