



MARCH 2006 LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

RICHMOND, VA
RICHMOND INTERNATIONAL AIRPORT (KRIC)
 Lat:37° 30'N Long: 77° 19'W Elev (Ground) 163 Feet
 Time Zone : EASTERN WBAN: 13740 ISSN#: 0198-537X



Date 1	Temperature °F						Deg Days BASE 65°		WEATHER 10	SNOW/ICE ON GND(IN)		PRECIPITATION ON GND(IN)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								Date 24
	MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEP FROM NORMAL 5	AVERAGE DEW PT 6	AVERAGE WET BULB 7	HEATING 8	COOLING 9		0700 LST 11	1300 LST 12	2400 LST 13	2400 LST 14	AVERAGE STATION 15	AVERAGE SEA LEVEL 16	RESULTANT SPEED 17	RES DIR 18	AVERAGE SPEED 19	MAXIMUM					
																			5-SEC		2-MIN			
									DEPTH 11	WATER- EQUIV 12	SNOW- FALL 13	WATER EQUIV 14			SPEED 17	DIR 18	AVERAGE SPEED 19	SPEED 20	DIR 21	SPEED 22	DIR 23			
01	54	34	44	1	27	36	21	0			0.0	0.00	29.74	29.93	2.7	11	4.3	13	04	10	03	01		
02	78	36	57	14	39	47	8	0			0.0	0.00	29.45	29.64	5.5	28	11.5	38	24	30	24	02		
03	51	33	42	-1	17	33	23	0			0.0	0.00	29.84	30.03	13.0	35	14.0	33	33	29	33	03		
04	53	30	42	-2	14	31	23	0			0.0	0.00	29.97	30.17	11.2	32	11.9	26	31	23	30	04		
05	55	30	43	-1	18	34	22	0			0.0	0.00	30.02	30.22	4.9	33	7.3	26	35	21	32	05		
06	46	37	42	-2	25	36	23	0	RA		0.0	T	29.85	30.05	2.5	06	4.1	14	06	12	01	06		
07	52	32	42	-3	19	33	23	0	RA		0.0	T	29.96	30.15	8.1	36	8.6	24	36	20	36	07		
08	59	28	44	-1	20	36	21	0	RA		0.0	T	29.94	30.14	4.3	20	5.7	22	23	14	23	08		
09	73	49	61	16	37	49	4	0			0.0	0.00	29.71	29.90	15.3	20	15.5	33	20	28	19	09		
10	81	63	72	27	49	58	0	7			0.0	0.00	29.66	29.84	19.5	21	20.1	40	22	32	23	10		
11	77	51	64	18	43	52	1	0			0.0	0.00	30.02	30.21	5.7	12	7.9	21	17	14	12	11		
12	86*	50	68	22	52	58	0	3			0.0	0.00	29.91	30.10	6.5	20	9.1	30	23	23	23	12		
13	85	58	72*	25	56	62	0	7			0.0	0.00	29.66	29.85	14.4	21	14.8	37	23	30	23	13		
14	72	49	61	14	32	50	4	0	RA		0.0	T	29.53	29.72	14.4	28	17.6	40	29	33*	29	14		
15	58	36	47	-1	15	37	18	0			0.0	0.00	29.83	30.02	14.5	30	15.0	41*	29	32	30	15		
16	64	33	49	1	20	37	16	0			0.0	0.00	29.90	30.08	0.7	33	3.8	17	28	14	26	16		
17	58	37	48	0	28	40	17	0			0.0	0.00	29.83	30.02	7.9	02	9.0	23	06	18	06	17		
18	52	34	43	-5	8	32	22	0			0.0	0.00	29.91	30.11	9.8	34	11.9	26	30	22	31	18		
19	55	24*	40	-9	12	32	25	0			0.0	0.00	29.91	30.11	7.0	29	9.9	25	31	20	30	19		
20	56	27	42	-7	17	35	23	0			0.0	0.00	29.90	30.09	2.7	32	6.5	22	31	16	31	20		
21	45	32	39*	-10	28	33	26	0	RA DZ FZRA SN BR		0.5	0.10	29.68	29.89	6.5	04	7.7	20	06	15	05	21		
22	52	30	41	-9	23	33	24	0	SN BR		0.4	0.02	29.84	30.05	8.5	34	9.2	26	32	24	32	22		
23	55	30	43	-7	24	35	22	0			0.0	0.00	30.01	30.20	3.8	35	6.0	21	33	18	01	23		
24	53	37	45	-5	28	38	20	0			0.0	0.00	29.86	30.04	6.8	01	7.4	17	01	15	01	24		
25	53	36	45	-6	29	38	20	0	RA BR		0.0	0.02	29.78	29.97	6.6	33	8.6	26	29	20	31	25		
26	54	32	43	-8	25	36	22	0			0.0	0.00	29.88	30.09	9.3	32	9.5	24	33	21	34	26		
27	60	36	48	-4	23	38	17	0			0.0	0.00	30.06	30.27	5.5	32	7.4	22	36	18	36	27		
28	67	38	53	1	34	44	12	0	RA BCFG		0.0	0.06	30.00	30.18	5.1	20	5.6	26	20	23	20	28		
29	66	42	54	2	39	46	11	0	MIFG BCFG		0.0	0.00	30.02	30.24	5.2	01	6.6	17	04	15	01	29		
30	70	37	54	1	35	45	11	0	FG+ BCFG BR		0.0	0.00	30.14	30.33	4.5	17	6.1	22	14	20	14	30		
31	79	46	63	10	43	53	2	0			0.0	0.00	30.01	30.20	12.7	20	13.1	28	20	24	20	31		
61.9		37.6	49.8	☼	28.4	40.9	15.5	0.5	< MONTHLY AVERAGES TOTALS >		0.9	0.20	29.86	30.06	3.0	29	9.5	< MONTHLY AVERAGES						
3.5		0.6	2.1		<-----DEPARTURE FROM NORMAL ----->							-3.89	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3											
DEGREE DAYS									GREATEST 24-HR PRECIPITATION : 0.12 DATE : 21-22				SEA LEVEL PRESSURE				DATE		TIME					
MONTHLY									GREATEST 24-HR SNOWFALL : 0.5 DATE : 21				MAXIMUM :				30.40		30		1021			
TOTAL DEPARTURE									GREATEST SNOW DEPTH : 1 DATE : 22				MINIMUM :				29.42		02		1654			
SEASON TO DATE									NUMBER OF -> DAYS WITH				MAXIMUM TEMP >= 90 : 0		MINIMUM TEMP <= 32 : 10		PRECIPITATION >= 0.01 INCH: 4							
HEATING : 481 -47 3100 -477									MAXIMUM TEMP <= 32 : 0		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH: 1											
COOLING : 17 9 17 8									THUNDERSTORMS : 0		HEAVY FOG : 1		SNOWFALL >= 1.0 INCH : 0											

**MARCH 2006
RICHMOND, VA**

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

RICHMOND, VA (KRIC)
MARCH 2006

WBAN # 13740

Date	FOR HOUR (LST) ENDING AT												Date	FOR HOUR (LST) ENDING AT												Date	Sum of Hourly Data	2400 LST Water Equiv.
	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													01												01	0.00	0.00	
02													02												02	0.00	0.00	
03													03												03	0.00	0.00	
04													04												04	0.00	0.00	
05													05												05	0.00	0.00	
06													06	T											06	T	T	
07													07												07	0.00	0.00	
08													08												08	T	T	
09													09												09	0.00	0.00	
10													10												10	0.00	0.00	
11													11												11	0.00	0.00	
12													12												12	0.00	0.00	
13													13												13	0.00	0.00	
14				T	T	T							14												14	T	T	
15													15												15	0.00	0.00	
16													16												16	0.00	0.00	
17													17												17	0.00	0.00	
18													18												18	0.00	0.00	
19													19												19	0.00	0.00	
20													20												20	0.00	0.00	
21													21	T	T	T	T	T	T	T					21	0.10	0.10	
22	0.02	T							T	0.01	T	T	0.03	22											22	0.02	0.02	
23													23												23	0.00	0.00	
24													24												24	0.00	0.00	
25													25			T				0.01	0.01				25	0.02	0.02	
26													26												26	0.00	0.00	
27													27												27	0.00	0.00	
28													28				T	T	T	T	0.05	0.01	T		28	0.06	0.06	
29													29												29	0.00	0.00	
30													30												30	0.00	0.00	
31													31												31	0.00	0.00	

* Indicates sum of Hourly and Daily disagree.

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	0.02	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.08	0.08	0.08	0.08
Ending Date	28	28	28	28	22	22	22	22	22	22	22	22
Ending Time (Hr/Min)	2048	2056	2056	2056	0001	0011	0011	0011	0011	0011	0011	0011

Note : The hourly and daily precipitation totals are printed in the last 2 columns and hi-lighted in red when they disagree. 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.

Date and time are not entered for TRACE amounts.

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		
DESCRIPTOR	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	
PR Partial	RA Rain	PY Spray	SQ Squalls
SH Shower(s)	SG Snow Grains	SA Sand	SS Sandstorm
TS Thunderstorm	SN Snow	VA Volcanic Ash	GL Glaze
VC In the Vicinity	UP Unkown Precipitation		

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

RICHMOND, VA MARCH 2006

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	
			Sky Cover	Satellite	Sky Cover	Satellite			
01							10.00	10.00	
02							10.00	10.00	
03							10.00	10.00	
04							10.00	10.00	
05							10.00	10.00	
06							10.00	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							10.00	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							10.00	10.00	
20							10.00	10.00	
21							0.75	10.00	
22							2.00	10.00	
23							10.00	10.00	
24							10.00	10.00	
25							3.00	10.00	
26							10.00	10.00	
27							10.00	10.00	
28							7.00	10.00	
29							7.00	10.00	
30							6.00	10.00	
31							10.00	10.00	
MONTHLY AVGS							8.90	10.00	
SUNSHINE (Minutes)									
Total :					Possible :				
Percent Possible :									
NUMBER OF DAYS WITH :									
SKY CONDITION									
Clear		Partly CLDY			Cloudy			Missing	
MINIMUM VISIBILITY (MILES)									
<= .25		<= 3.0			>= 7.0				
0		3			27				

OBSERVATIONS AT 3-HOURLY INTERVALS

RICHMOND, VA

MARCH 2006

KRIC

WBAN # 13740

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)													
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)				STATION	SEA LEVEL		Observation Time (LST)	Eff Cld Amt Oktas	VISIBILITY (MILES)		DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL								
																												WEATHER	WEATHER						
SUNRISE: 0639						MAR 01						SUNSET: 1802						SUNRISE: 0631						MAR 07						SUNSET: 1808					
01	BKN	095			10.00		35	30	33	82	0	00	29.67	29.87	01	FEW	110			10.00		34	29	32	82	6	04	29.83	30.02						
04	OVC	100			10.00		37	31	35	79	0	00	29.71	29.91	04	BKN	080			10.00		36	32	34	85	8	33	29.87	30.06						
07	OVC	070			10.00		38	30	35	73	0	00	29.75	29.94	07	BKN	200			10.00		36	25	32	64	12	36	29.95	30.15						
10	BKN	065			10.00		44	26	37	49	5	VR	29.80	29.99	10	SCT	250			10.00		42	16	33	35	16	34	30.01	30.21						
13	BKN	075			10.00		49	21	38	33	0	00	29.78	29.97	13	CLR	NC			10.00		50	13	37	23	16	02	29.98	30.17						
16	SCT	250			10.00		53	26	42	35	6	15	29.72	29.91	16	CLR	NC			10.00		52	10	37	18	14	02	29.95	30.15						
19	FEW	250			10.00		45	25	37	46	7	12	29.72	29.92	19	CLR	NC			10.00		46	12	34	25	0	00	29.98	30.17						
22	FEW	250			10.00		41	23	34	49	8	14	29.73	29.92	22	CLR	NC			10.00		36	17	30	46	0	00	30.02	30.22						
SUNRISE: 0638						MAR 02						SUNRISE: 1803						SUNRISE: 0629						MAR 08						SUNSET: 1809					
01	OVC	130			10.00		41	31	37	68	5	13	29.69	29.89	01	SCT	250			10.00		31	18	27	59	0	00	30.03	30.23						
04	BKN	250			10.00		36	30	34	79	0	00	29.60	29.80	04	SCT	250			10.00		29	18	25	63	0	00	30.02	30.22						
07	BKN	250			10.00		40	35	38	82	3	19	29.52	29.72	07	BKN	250			10.00		30	22	27	72	0	00	30.04	30.23						
10	OVC	200			10.00		49	39	44	69	8	22	29.44	29.64	10	BKN	250			10.00		46	18	36	33	6	23	30.03	30.23						
13	OVC	250			10.00		75	48	60	39	21	25	29.29	29.49	13	SCT	250			10.00		55	18	41	23	13	18	29.92	30.12						
16	SCT	250			10.00		78	51	62	39	23	25	29.23	29.42	16	BKN	250			10.00		57	17	41	21	9	22	29.86	30.06						
19	FEW	070			10.00		74	39	56	28	14	30	29.31	29.49	19	OVC	250			10.00		51	21	39	31	6	15	29.86	30.05						
22	BKN	110			10.00		51	37	45	59	13	01	29.52	29.70	22	OVC	120			10.00		53	26	42	35	9	19	29.84	30.03						
SUNRISE: 0636						MAR 03						SUNRISE: 1804						SUNRISE: 0628						MAR 09						SUNSET: 1810					
01	CLR	NC			10.00		48	27	39	44	15	34	29.65	29.84	01	OVC	140			10.00		52	28	42	40	12	19	29.81	30.00						
04	FEW	050			10.00		38	22	32	53	16	36	29.75	29.94	04	OVC	130			10.00		51	31	42	46	13	19	29.76	29.96						
07	FEW	050			10.00		33	21	29	61	8	01	29.84	30.03	07	OVC	200			10.00		49	31	41	50	12	19	29.77	29.96						
10	FEW	250			10.00		42	20	34	41	18	33	29.86	30.06	10	OVC	200			10.00		58	34	47	41	16	20	29.76	29.96						
13	SCT	250			10.00		50	16	37	26	12	35	29.83	30.02	13	OVC	200			10.00		69	34	52	28	23	20	29.69	29.88						
16	SCT	250			10.00		50	12	37	22	12	35	29.82	30.01	16	OVC	200			10.00		70	39	54	32	18	20	29.65	29.84						
19	CLR	NC			10.00		44	12	33	27	17	34	29.87	30.06	19	OVC	200			10.00		65	43	54	45	13	19	29.64	29.83						
22	CLR	NC			10.00		38	14	30	37	12	33	29.92	30.12	22	OVC	200			10.00		64	47	55	54	20	19	29.65	29.84						
SUNRISE: 0635						MAR 04						SUNRISE: 1805						SUNRISE: 0626						MAR 10						SUNSET: 1811					
01	CLR	NC			10.00		33	14	27	46	8	30	29.95	30.15	01	OVC	036			10.00		64	52	57	65	28	21	29.63	29.81						
04	CLR	NC			10.00		30	15	25	54	7	31	29.96	30.16	04	OVC	080			10.00		64	52	57	65	24	19	29.56	29.75						
07	CLR	NC			10.00		31	15	26	51	13	31	29.99	30.19	07	OVC	200			10.00		65	53	58	65	24	19	29.58	29.76						
10	CLR	NC			10.00		39	14	31	36	12	29	30.02	30.21	10	OVC	034			10.00		69	54	60	59	26	22	29.65	29.83						
13	CLR	NC			10.00		48	12	35	23	15	29	29.94	30.14	13	BKN	250			10.00		78	46	60	32	24	23	29.62	29.81						
16	CLR	NC			10.00		53	11	38	18	17	32	29.90	30.09	16	BKN	250			10.00		80	39	58	23	17	24	29.63	29.82						
19	CLR	NC			10.00		47	12	35	24	9	34	29.95	30.15	19	OVC	250			10.00		72	51	60	48	14	21	29.70	29.89						
22	CLR	NC			10.00		40	17	32	39	7	35	30.02	30.22	22	BKN	250			10.00		65	50	57	59	12	20	29.79	29.98						
SUNRISE: 0634						MAR 05						SUNRISE: 1806						SUNRISE: 0625						MAR 11						SUNSET: 1812					
01	CLR	NC			10.00		35	18	29	50	8	36	30.06	30.25	01	FEW	250			10.00		58	49	53	72	0	00	29.88	30.06						
04	CLR	NC			10.00		36	19	30	50	14	32	30.06	30.25	04	CLR	NC			10.00		56	43	50	62	6	05	29.94	30.13						
07	CLR	NC			10.00		31	17	26	56	7	34	30.09	30.29	07	BKN	250			10.00		52	41	47	66	7	04	30.03	30.22						
10	CLR	NC			10.00		44	15	34	31	18	01	30.11	30.30	10	FEW	250			10.00		66	42	54	42	9	11	30.09	30.28						
13	FEW	250			10.00		50	18	38	28	10	26	30.04	30.23	13	CLR	NC			10.00		74	42	57	32	9	14	30.05	30.24						
16	FEW	250			10.00		54	16	40	22	7	24	29.95	30.15	16	SCT	250			10.00		74	41	57	31	7	15	30.01	30.20						
19	BKN	250			10.00		47	16	36	29	3	21	29.95	30.15	19	BKN	250			10.00		63	42	52	46	10	13	30.05	30.24						
22	BKN	250			10.00		37	24	32	59	6	03	29.95	30.15	22	BKN	250			10.00		58	42	50	55	10	14	30.07	30.27						
SUNRISE: 0632						MAR 06						SUNRISE: 1807						SUNRISE: 0623						MAR 12						SUNSET: 1813					
01	OVC	100			10.00		42	23	35	47	0	00	29.92	30.12	01	SCT	110			10.00		54	42	48	64	8	13	30.03	30.22						
04	OVC	080			10.00		42	21	34	43	0	00	29.89	30.08	04	FEW	110			10.00		52	44	48	74	5	14	29.99	30.19						
07	OVC	090			10.00		40	22	33	49	0	00	29.87	30.07	07	BKN	250			10.00		52	47	49	83	5	16	29.97	30.16						
10	OVC	150			10.00		45	21	36	39	7	12	29.87	30.07	10	BKN	250			10.00		70	58	63	66	10	21	29.95	30.14						
13	OVC	027			10.00	-RA	42	28	36	58	7	VR	29.83	30.03	13	BKN	250			10.00		82	57	67	43	23	20	29.87	30.06						
16	OVC	150			10.00		46	27	38	48	3	04	29.79	29.98	16	BKN	250			10.00		84	55	66	37	17	22	29.80	29.99						
19	OVC	050			10.00		42	29	37	60	7	02	29.84	30.03	19	OVC	250			10.00		72	54	62	53	10	01	29.85	30.04						
22	OVC	060			10.00		40	31	36	70	3	01	29.86	30.05	22	FEW	065			10.00		65	53	58	65	6	12	29.84	30.03						

OBSERVATIONS AT 3-HOURLY INTERVALS

RICHMOND, VA

MARCH 2006

KRIC

WBAN # 13740

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)																																																																																																																																																																																																																									
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)				STATION	SEA LEVEL		Observation Time (LST)	Eff Cld Amt Oktas	VISIBILITY (MILES)		DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL																																																																																																																																																																																																																				
																												WEATHER	WEATHER																																																																																																																																																																																																																		
SUNRISE: 0622						MAR 13						SUNSET: 1814						SUNRISE: 0613						MAR 19						SUNSET: 1819																																																																																																																																																																																																																	
01	CLR	NC			10.00		61	55	58	81	6	19	29.82	30.01	01	CLR	NC			10.00		37	11	29	34	5	36	29.92	30.11	04	CLR	NC			10.00		60	57	58	90	8	20	29.78	29.97	04	CLR	NC			10.00		31	10	25	41	7	04	29.95	30.15	07	BKN	250			10.00		62	59	60	90	9	19	29.78	29.97	07	CLR	NC			10.00		29	14	24	53	5	22	29.99	30.18	10	SCT	250			10.00		75	60	66	60	12	23	29.76	29.95	10	FEW	250			10.00		43	10	32	26	9	27	29.97	30.16	13	BKN	250			10.00		82	56	66	41	25	22	29.66	29.84	13	SCT	250			10.00		50	11	36	21	13	30	29.90	30.10	16	BKN	250			10.00		83	53	65	36	18	21	29.56	29.75	16	FEW	250			10.00		54	11	39	18	13	29	29.84	30.03	19	BKN	200			10.00		77	52	62	42	17	21	29.52	29.71	19	BKN	200			10.00		49	15	37	26	9	22	29.83	30.03	22	SCT	200			10.00		72	53	61	51	15	20	29.50	29.69	22	FEW	200			10.00		45	16	35	31	7	27	29.88	30.07
SUNRISE: 0621						MAR 14						SUNRISE: 0612						MAR 20						SUNSET: 1820																																																																																																																																																																																																																							
01	OVC	250			10.00		71	54	61	55	14	22	29.47	29.66	01	BKN	200			10.00		41	13	32	32	7	35	29.93	30.12	04	OVC	100			10.00	-RA	68	57	61	68	13	20	29.41	29.59	04	BKN	200			10.00		35	18	29	50	0	00	29.93	30.12	07	OVC	250			10.00		68	56	61	66	13	22	29.41	29.59	07	FEW	200			10.00		36	21	31	55	7	26	29.94	30.14	10	OVC	060			10.00		65	34	50	32	24	27	29.48	29.67	10	SCT	250			10.00		51	17	38	26	12	27	29.92	30.11	13	SCT	250			10.00		69	25	49	19	17	29	29.49	29.68	13	OVC	250			10.00		54	15	39	21	7	VR	29.88	30.07	16	FEW	250			10.00		65	8	44	10	32	31	29.53	29.72	16	OVC	250			10.00		54	14	39	20	10	28	29.85	30.04	19	CLR	NC			10.00		57	10	40	15	23	30	29.64	29.83	19	OVC	150			10.00		52	18	39	26	3	06	29.83	30.03	22	CLR	NC			10.00		51	14	38	23	13	29	29.72	29.92	22	OVC	090			10.00		46	21	37	37	6	08	29.88	30.07
SUNRISE: 0619						MAR 15						SUNRISE: 0610						MAR 21						SUNSET: 1821																																																																																																																																																																																																																							
01	CLR	NC			10.00		48	15	36	27	14	28	29.74	29.94	01	OVC	070			10.00		44	23	36	44	6	10	29.82	30.01	04	CLR	NC			10.00		46	16	35	30	18	28	29.76	29.95	04	OVC	100			10.00		42	25	35	51	6	06	29.77	29.97	07	CLR	NC			10.00		43	15	33	32	20	30	29.85	30.04	07	OVC	090			10.00		39	25	34	57	12	06	29.77	29.97	10	SCT	040			10.00		50	17	38	27	18	30	29.85	30.04	10	OVC	041			10.00		36	27	33	70	12	07	29.72	29.92	13	SCT	075			10.00		55	14	40	20	18	32	29.81	30.01	13	OVC	022			6.00	-DZ BR	32	28	31	85	8	03	29.70	29.90	16	CLR	NC			10.00		57	13	41	17	23	32	29.80	29.99	16	OVC	010			3.00	-DZ BR	32	29	31	89	8	05	29.62	29.82	19	FEW	250			10.00		53	13	38	20	8	29	29.84	30.03	19	OVC	006			7.00		32	30	31	92	3	35	29.61	29.80	22	CLR	NC			10.00		49	13	36	23	3	30	29.89	30.08	22	OVC	007			7.00		33	30	32	89	6	01	29.61	29.80
SUNRISE: 0618						MAR 16						SUNRISE: 0609						MAR 22						SUNSET: 1822																																																																																																																																																																																																																							
01	FEW	200			10.00		37	19	31	48	3	25	29.91	30.11	01	OVC	025			2.00	-SN BR	32	30	31	92	8	30	29.67	29.87	04	BKN	200			10.00		37	24	32	59	0	00	29.92	30.11	04	FEW	080			6.00	BR	30	29	30	96	5	30	29.68	29.88	07	OVC	150			10.00		41	21	34	45	6	07	29.96	30.16	07	CLR	NC			10.00		31	26	29	82	7	31	29.81	30.00	10	OVC	200			10.00		49	23	39	36	6	14	29.97	30.16	10	FEW	040			10.00		38	23	32	55	15	34	29.89	30.09	13	SCT	250			10.00		59	14	42	17	7	25	29.91	30.10	13	CLR	NC			10.00		47	19	37	33	15	34	29.88	30.07	16	FEW	150			10.00		62	15	44	16	6	29	29.81	30.00	16	CLR	NC			10.00		51	19	39	28	13	35	29.86	30.05	19	FEW	150			10.00		53	18	40	25	0	00	29.83	30.03	19	CLR	NC			10.00		44	20	35	38	6	34	29.92	30.11	22	FEW	110			10.00		48	21	38	34	5	11	29.83	30.02	22	CLR	NC			10.00		40	20	33	45	0	00	30.00	30.19
SUNRISE: 0616						MAR 17						SUNRISE: 0607						MAR 23						SUNSET: 1823																																																																																																																																																																																																																							
01	BKN	110			10.00		41	30	37	65	8	04	29.82	30.01	01	CLR	NC			10.00		34	21	29	59	8	01	30.02	30.22	04	OVC	090			10.00		45	33	40	63	8	05	29.74	29.93	04	CLR	NC			10.00		32	21	28	64	6	32	30.03	30.22	07	OVC	060			10.00		46	31	40	56	10	05	29.79	29.98	07	BKN	045			10.00		33	23	29	67	3	31	30.07	30.26	10	BKN	100			10.00		51	23	40	33	12	07	29.83	30.02	10	SCT	250			10.00		46	23	37	40	12	34	30.07	30.27	13	BKN	075			10.00		57	25	43	29	8	36	29.83	30.03	13	OVC	250			10.00		51	24	40	35	10	32	30.01	30.21	16	SCT	250			10.00		57	26	44	30	9	33	29.81	30.01	16	BKN	250			10.00		54	24	42	31	7	VR	29.96	30.16	19	SCT	110			10.00		50	29	41	44	12	35	29.86	30.05	19	BKN	250			10.00		48	25	39	41	6	09	29.96	30.16	22	FEW	060			10.00		43	30	38	60	8	34	29.87	30.06	22	OVC	140			10.00		43	28	37	56	5	07	29.97	30.17
SUNRISE: 0615						MAR 18						SUNRISE: 0606						MAR 24						SUNSET: 1824																																																																																																																																																																																																																							
01	CLR	NC			10.00		41	23	34	49	6	32	29.90	30.09	01	OVC	200			10.00		40	30	36	68	6	04	29.95	30.14	04	CLR	NC			10.00		38	11	29	33	18	01	29.90	30.10	04	OVC	200			10.00		40	30	36	68	3	29	29.92	30.12	07	SCT	250			10.00		35	4	26	27	14	01	29.97	30.16	07	BKN	100			10.00		38	29	34	70	3	02	29.91	30.11	10	CLR	NC			10.00		43	2	31	18	17	31	29.99	30.18	10	SCT	250			10.00		49	24	39	38	10	01	29.88	30.08	13	CLR	NC			10.00		48	4	34	16	10	34	29.92	30.12	13	OVC	200			10.00		52	26	41	37	13	06	29.82	30.02	16	CLR	NC			10.00		51	4	36	14	15	27	29.85	30.05	16	OVC	200			10.00		51	29	42	43	9	02	29.77	29.97	19	CLR	NC			10.00		45	9	33	23	10	35	29.85	30.05	19	OVC	250			10.00		49	27	40	43	12	01	29.78	29.98	22	CLR	NC			10.00		40	11	31	30	6	36	29.87	30.07	22	OVC	150			10.00		46	28	39	50	7	01	29.78	29.97

OBSERVATIONS AT 3-HOURLY INTERVALS

RICHMOND, VA

MARCH 2006

KRIC

WBAN # 13740

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)			
			Observation Time (LST)	Eff Cl'd Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
SUNRISE: 0604 MAR 25 SUNSET: 1825														
01	OVC	100				44	27	37	51	7	36	29.76	29.95	
04	BKN	095				37	28	34	70	7	36	29.74	29.93	
07	OVC	100				40	28	35	62	6	36	29.78	29.98	
10	OVC	250				47	26	39	44	9	36	29.78	29.98	
13	OVC	250				52	23	40	32	9	33	29.76	29.95	
16	OVC	250				50	30	41	46	14	30	29.75	29.95	
19	OVC	100			-RA BR	42	36	39	79	15	29	29.80	29.99	
22	CLR	NC				39	36	38	89	5	30	29.82	30.01	
SUNRISE: 0603 MAR 26 SUNSET: 1825														
01	CLR	NC				37	32	35	82	8	31	29.83	30.03	
04	CLR	NC				34	26	31	73	7	33	29.82	30.02	
07	FEW	080				34	27	31	76	6	32	29.87	30.07	
10	FEW	050				46	25	38	44	18	32	29.89	30.09	
13	BKN	065				49	23	39	36	14	31	29.89	30.09	
16	SCT	250				53	20	40	27	14	33	29.87	30.07	
19	BKN	070				48	22	38	36	3	36	29.92	30.11	
22	SCT	080				45	25	37	46	7	33	29.98	30.17	
SUNRISE: 0601 MAR 27 SUNSET: 1826														
01	CLR	NC				40	24	34	53	8	32	30.02	30.21	
04	CLR	NC				38	25	33	60	8	33	30.05	30.24	
07	CLR	NC				40	27	35	60	8	33	30.11	30.31	
10	CLR	NC				50	23	39	35	10	03	30.14	30.34	
13	CLR	NC				56	20	42	25	8	30	30.10	30.29	
16	CLR	NC				59	19	43	21	5	31	30.03	30.23	
19	FEW	250				49	21	38	33	3	22	30.04	30.24	
22	CLR	NC				42	24	35	49	0	00	30.06	30.26	
SUNRISE: 0560 MAR 28 SUNSET: 1827														
01	SCT	250				42	26	36	53	0	00	30.06	30.25	
04	BKN	150				41	28	36	60	0	00	30.03	30.22	
07	BKN	110				44	31	39	60	0	00	30.06	30.26	
10	BKN	120				55	31	44	40	9	23	30.06	30.25	
13	BKN	080				60	31	47	34	9	21	29.98	30.18	
16	BKN	100				64	32	49	30	16	23	29.89	30.08	
19	OVC	100			-RA	54	45	49	72	7	18	29.91	30.10	
22	OVC	050			-RA	51	48	49	90	0	00	29.95	30.15	
SUNRISE: 0558 MAR 29 SUNSET: 1828														
01	BKN	090			BCFG	49	46	48	89	6	34	29.95	30.14	
04	CLR	NC				43	40	42	89	6	36	29.96	30.16	
07	FEW	250			MIFG	45	42	44	89	6	34	30.02	30.22	
10	SCT	080				58	42	50	55	9	01	30.05	30.25	
13	BKN	250				65	39	52	39	13	03	30.05	30.24	
16	BKN	250				63	34	49	34	8	33	30.04	30.23	
19	FEW	080				57	35	47	44	3	03	30.07	30.26	
22	CLR	NC				47	36	42	66	0	00	30.13	30.32	
SUNRISE: 0557 MAR 30 SUNSET: 1829														
01	CLR	NC				44	38	41	80	0	00	30.14	30.34	
04	FEW	001				38	36	37	93	0	00	30.13	30.33	
07	FEW	001			BCFG	40	38	39	93	0	00	30.17	30.36	
10	FEW	250				61	39	50	44	3	VR	30.21	30.40	
13	BKN	250				68	35	52	30	6	VR	30.16	30.35	
16	SCT	250				70	36	53	29	9	19	30.08	30.27	
19	FEW	250				59	32	47	36	14	14	30.09	30.29	
22	CLR	NC				55	29	44	37	9	15	30.12	30.31	

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)			
			Observation Time (LST)	Eff Cl'd Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
SUNRISE: 0555 MAR 31 SUNSET: 1830														
01	CLR	NC				49	26	40	41	7	16	30.11	30.31	
04	CLR	NC				47	34	41	61	5	19	30.10	30.30	
07	SCT	085				50	38	44	64	8	20	30.12	30.32	
10	BKN	250				69	39	54	34	20	22	30.11	30.30	
13	SCT	250				76	47	60	36	16	21	30.01	30.20	
16	OVC	250				78	49	61	36	20	19	29.92	30.11	
19	OVC	250				71	50	59	48	13	19	29.90	30.10	
22	OVC	200				68	49	58	51	13	20	29.89	30.08	

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, W = 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.

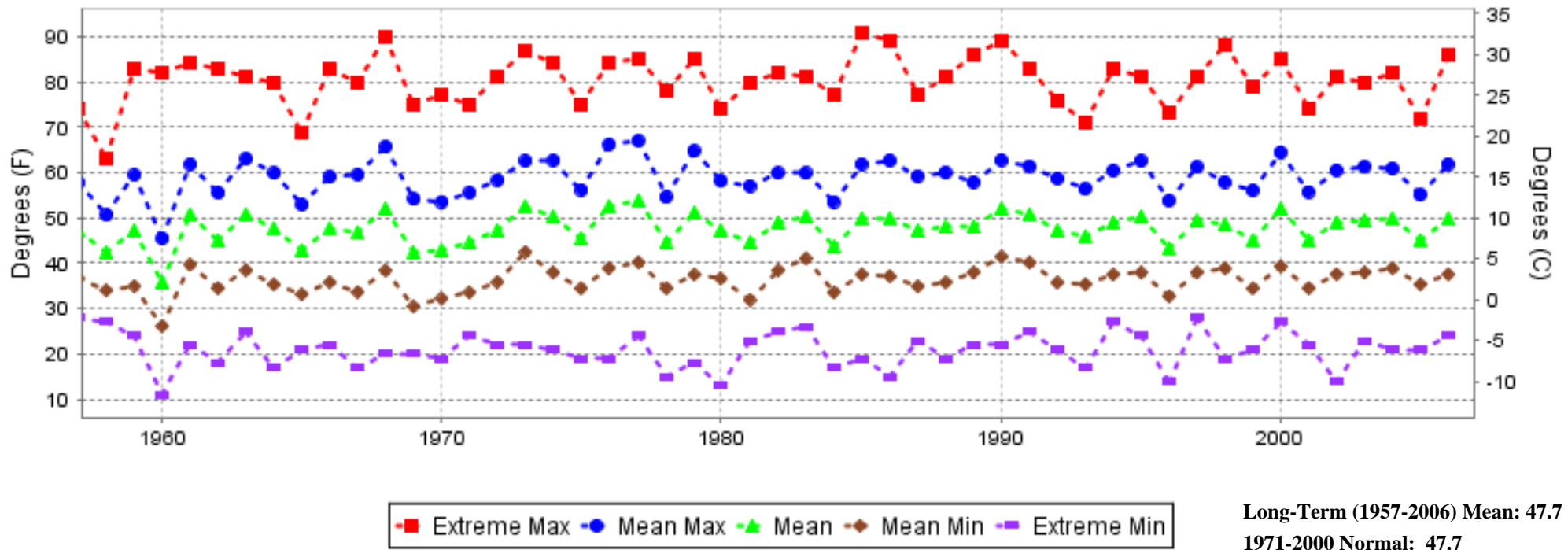
& = Original observation contained additional weather elements.

See page 3 for additional notes.

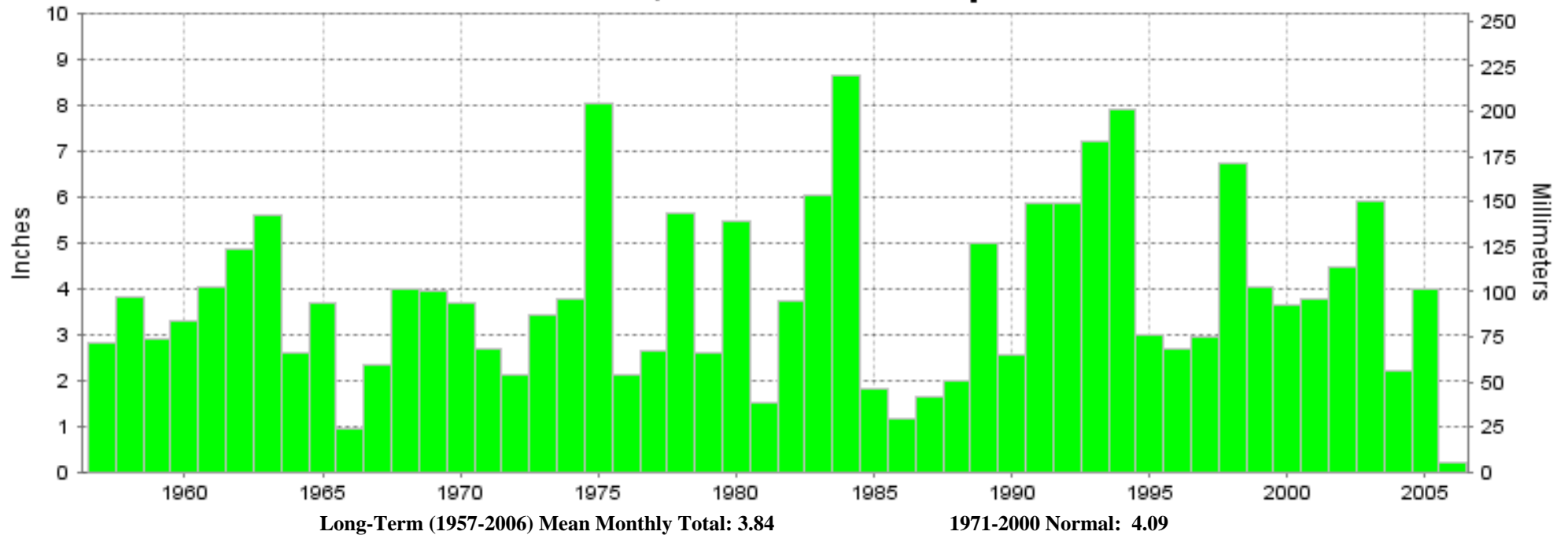
SUMMARY BY HOUR

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)	SPEED	DIRECTION
							STATION	SEA LEVEL				
01			44	29	38	59	29.87	30.06	9.65	7	2	29
02			43	29	37	61	29.87	30.06	9.74	7	1	33
03			42	29	37	63	29.86	30.06	9.87	7	1	33
04			42	29	37	64	29.86	30.06	9.77	7	2	29
05			41	29	37	64	29.87	30.07	9.84	8	2	29
06			41	29	36	65	29.89	30.08	9.81	7	2	29
07			42	29	37	64	29.90	30.09	9.81	8	2	29
08			45	30	39	58	29.91	30.10	9.90	10	2	29
09			49	29	41	49	29.91	30.11	9.97	11	3	28
10			51	28	42	42	29.91	30.10	10.00	13	4	28
11			54	27	43	37	29.90	30.09	10.00	13	5	28
12			56	27	44	34	29.88	30.07	9.87	12	7	28
13			58	27	45	32	29.86	30.05	9.87	13	6	28
14			59	27	45	30	29.83	30.02	9.97	13	8	27
15			60	26	45	30	29.82	30.01	9.87	13	8	27
16			60	26	46	30	29.81	30.00	9.77	13	6	27
17			59	26	45	31	29.81	30.00	9.87	13	5	28
18			57	27	44	34	29.82	30.01	9.81	10	4	28
19			53	28	43	40	29.84	30.03	9.58	9	2	29
20			51	29	42	45	29.85	30.04	9.90	8	1	33
21			50	29	41	48	29.86	30.05	9.97	7	1	36
22			48	29	41	51	29.87	30.06	9.77	7	1	32
23			47	29	40	53	29.87	30.07	9.73	8	2	29
24			46	30	39	56	29.87	30.07	9.60	8	2	29

RICHMOND, VA MARCH Temperatures



RICHMOND, VA MARCH Precipitation





MARCH 2006
RICHMOND, VA

LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

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