



MAY 2012 LOCAL CLIMATOLOGICAL DATA NOAA, National Climatic Data Center

RICHMOND, VA
RICHMOND INTERNATIONAL AIRPORT (KRIC)
 Lat:37° 30'N Long: 77° 19'W Elev (Ground) 164 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					
																			3-SEC		2-MIN			
01	87	63	75	14	64	67	0	10	RA BR	0		0.0	0.01	29.86	30.05	9.1	22	10.2	28	22	22	23	01	
02	89	64	77	16	63	67	0	12	TSRA RA BR	0		0.0	0.05	29.86	30.06	0.5	23	5.8	20	31	15	29	02	
03	82	58	70	9	62	65	0	5	DZ BR	0		0.0	T	29.92	30.10	3.4	11	4.5	18	34	15	34	03	
04	88	64	76	15	67	70	0	11	TS TSRA RA FG+ FG BR	0		0.0	0.29	29.79	29.96	1.5	14	5.2	18	10	15	10	04	
05	84	64	74	13	66	68	0	9	TS RA DZ BR	0		0.0	0.19	29.69	29.89	3.3	07	4.7	21	06	16	14	05	
06	74	57	66	4	60	62	0	1	DZ BR	0		0.0	T	29.83	30.04	5.9	06	7.6	20	02	14	03	06	
07	74	54	64	1	52	57	1	0		0		0.0	0.00	29.90	30.08	7.6	12	8.3	22	11	18	11	07	
08	78	55	67	4	57	62	0	2		0		0.0	0.00	29.78	29.94	10.0	19	10.4	24	19	21	18	08	
09	76	58	67	4	61	63	0	2	TS TSRA RA BR	0		0.0	0.83	29.59	29.75	1.3	22	6.8	21	35	16	35	09	
10	72	53	63	-1	46	54	2	0	RA BR	0		0.0	0.01	29.57	29.80	8.5	33	9.0	33*	30	22	29	10	
11	72	48	60*	-4	39	50	5	0		0		0.0	0.00	29.92	30.14	3.5	33	4.8	22	36	18	35	11	
12	79	47*	63	-1	47	55	2	0		0		0.0	0.00	30.09	30.28	5.6	22	6.1	21	22	17	23	12	
13	79	58	69	5	56	61	0	4	RA BR	0		0.0	0.03	30.03	30.21	8.3	20	8.8	24	18	18	18	13	
14	75	61	68	3	61	64	0	3	RA BR	0		0.0	0.11	29.91	30.08	8.0	15	8.4	24	15	17	15	14	
15	82	64	73	8	65	67	0	8	TS RA BR	0		0.0	0.59	29.78	29.96	4.2	17	4.9	23	35	18	35	15	
16	81	63	72	7	64	66	0	7	RA BR	0		0.0	T	29.76	29.94	1.5	16	2.3	20	15	15	15	16	
17	74	59	67	2	60	63	0	2	MIFG	0		0.0	0.00	29.83	30.04	6.8	03	7.3	25	03	21	03	17	
18	75	54	65	-1	50	56	0	0		0		0.0	0.00	29.93	30.13	7.7	05	8.5	26	03	18	03	18	
19	79	50	65	-1	47	56	0	0		0		0.0	0.00	29.95	30.14	7.4	02	7.7	22	04	15	03	19	
20	79	54	67	1	57	61	0	2	RA BR	0		0.0	0.04	29.92	30.10	9.8	02	10.3	30	04	21	03	20	
21	77	63	70	3	65	66	0	5	RA DZ FG+ FG BR	0		0.0	0.01	29.79	29.97	3.0	13	4.6	16	13	14	14	21	
22	81	65	73	6	65	67	0	8	TS RA BR	0		0.0	T	29.67	29.86	1.7	12	5.1	20	36	17	36	22	
23	83	62	73	5	64	67	0	8	TSRA RA MIFG	0		0.0	T	29.71	29.91	0.8	18	3.1	15	18	13	35	23	
24	82	59	71	2	65	66	0	6	TS TSRA RA	0		0.0	0.08	29.85	30.06	3.4	13	3.8	21	15	16	15	24	
25	86	66	76	7	68	70	0	11	DZ FG+ FG MIFG BR HZ	0		0.0	T	29.93	30.12	2.7	11	3.0	18	13	15	12	25	
26	86	63	75	6	66	69	0	10	FG MIFG BR	0		0.0	0.00	29.97	30.16	3.0	13	3.9	14	15	12	14	26	
27	88	64	76	7	67	70	0	11	FG+ FG BR	0		0.0	0.00	29.95	30.14	3.5	14	4.1	16	14	12	02	27	
28	89	71	80	11	70	73	0	15		0		0.0	0.00	29.86	30.03	7.8	21	8.5	20	21	16	22	28	
29	90*	70	80*	10	69	73	0	15	TSRA RA	0		0.0	T	29.73	29.90	10.7	21	11.3	26	24	22*	23	29	
30	78	66	72	2	66	68	0	7	RA BR	0		0.0	0.21	29.60	29.79	2.5	36	4.0	14	01	12	03	30	
31	87	65	76	6	60	66	0	11		0		0.0	0.00	29.65	29.84	2.7	35	5.8	17	31	13	33	31	

MAY 2012
RICHMOND, VA

80.8			60.1			70.5			☼	60.3			64.2			0.3		6.0		< MONTHLY AVERAGES TOTALS >				0.0		2.45		29.82		30.01		1.2		14		6.4		< MONTHLY AVERAGES			
2.9			5.1			4.1				<----- DEPARTURE FROM NORMAL ----->												-1.33		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3																	
DEGREE DAYS										GREATEST 24-HR PRECIPITATION : 0.84 DATE : 09-10										SEA LEVEL PRESSURE				DATE TIME																	
MONTHLY					SEASON TO DATE					GREATEST 24-HR SNOWFALL : 0.0 DATE :										MAXIMUM : 30.34				12 1106																	
TOTAL DEPARTURE					TOTAL DEPARTURE					GREATEST SNOW DEPTH : 0 DATE :										MINIMUM : 29.67				10 0254																	
HEATING :		10		-64		2855		-1056		NUMBER OF		MAXIMUM TEMP >= 90 :		1		MINIMUM TEMP <= 32 :		0		PRECIPITATION >= 0.01 INCH :		13																			
COOLING :		185		66		253		104		DAYS WITH		MAXIMUM TEMP <= 32 :		0		MINIMUM TEMP <= 0 :		0		PRECIPITATION >= 0.10 INCH :		6																			
										THUNDERSTORMS :		9		HEAVY FOG :		4		SNOWFALL >= 1.0 INCH :		0																					

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

RICHMOND, VA (KRIC)
MAY 2012

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	0.01	0.01	
02						0.05							02												02	0.05	0.05	
03						T							03												03	T	T	
04													04												04	0.29	0.29	
05													05	T	0.03	0.01	0.01	0.04		T		0.20	0.08	0.01	05	0.19	0.19	
06													06												06	T	T	
07													07												07	0.00	0.00	
08													08												08	0.00	0.00	
09													09												09	0.83	0.83	
10													10												10	0.01	0.01	
11													11												11	0.00	0.00	
12													12												12	0.00	0.00	
13													13												13	0.03	0.03	
14													14												14	0.11	0.11	
15													15												15	0.59	0.59	
16													16												16	T	T	
17													17												17	0.00	0.00	
18													18												18	0.00	0.00	
19													19												19	0.00	0.00	
20													20												20	0.04	0.04	
21													21												21	0.01	0.01	
22													22												22	T	T	
23													23												23	T	T	
24													24												24	0.08	0.08	
25													25												25	T	T	
26													26												26	0.00	0.00	
27													27												27	0.00	0.00	
28													28												28	0.00	0.00	
29													29												29	T	T	
30													30												30	0.21	0.21	
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)	0.25	0.29	0.31	0.32	0.34	0.39	0.41	0.41	0.48	0.54	0.60	0.63
Ending Date	15	15	15	15	15	15	15	09	09	09	09	09
Ending Time (Hr/Min)	1728	1732	1732	1732	1732	1728	1741	1641	1700	1721	1752	1807

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 1981-2010

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 MAY 2012

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:

Station Augmentation-SANDSTON COOP
Lat/Lon:37.54417/-77.27583 Elevation:165
Distance:4 MI Dir:E
Augmented Elements:Temp, Precip, Snow
Equipment:MMTS, SRG, Snowboard

Date	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			Sky Cover	Satellite	Sky Cover	Satellite			
01							9.00	10.00	
02							5.00	10.00	
03							0.75	10.00	
04							0.12	10.00	
05							2.00	10.00	
06							1.00	10.00	
07							9.00	10.00	
08							8.00	10.00	
09							1.50	10.00	
10							6.00	10.00	
11							10.00	10.00	
12							10.00	10.00	
13							6.00	10.00	
14							2.00	10.00	
15							2.50	10.00	
16							6.00	10.00	
17							7.00	10.00	
18							10.00	10.00	
19							10.00	10.00	
20							3.00	10.00	
21							0.12	10.00	
22							2.00	10.00	
23							7.00	10.00	
24							7.00	10.00	
25							0.12	10.00	
26							0.50	10.00	
27							0.12	10.00	
28							10.00	10.00	
29							9.00	10.00	
30							3.00	10.00	
31							10.00	10.00	
MONTHLY AVGS							5.09	10.00	
SUNSHINE (Minutes)									
Total : 0					Possible : 26382				
Percent Possible : 0									
NUMBER OF DAYS WITH : SKY CONDITION									
Clear		Partly CLDY			Cloudy			Missing	
MINIMUM VISIBILITY (MILES)									
<= .25			<= 3.0				>= 7.0		
4			14				13		

OBSERVATIONS AT 3-HOURLY INTERVALS

RICHMOND, VA

MAY 2012

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 Clid Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)				STATION	SEA LEVEL		Observation Time (LST)	Eff Clid Amt Oktas	VISIBILITY (MILES)		DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL								
																												WEATHER	WEATHER						
SUNRISE: 0515						MAY 01						SUNSET: 1859						SUNRISE: 0508						MAY 07						SUNSET: 1904					
01	OVC	060			10.00		63	59	61	87	8	15	29.90	30.09	01	BKN	009			10.00		56	55	55	96	3	09	29.91	30.10						
04	BKN	250			10.00		66	62	64	87	11	19	29.88	30.07	04	OVC	085			10.00		56	55	55	96	5	12	29.87	30.07						
07	BKN	200			9.00		68	65	66	90	10	22	29.90	30.09	07	BKN	250			10.00		59	56	57	90	5	11	29.92	30.11						
10	OVC	250			10.00		77	65	69	67	17	24	29.89	30.08	10	BKN	250			10.00		66	55	60	68	8	13	29.94	30.13						
13	OVC	250			10.00		84	65	71	53	13	22	29.85	30.03	13	BKN	250			10.00		72	51	60	48	10	17	29.91	30.10						
16	BKN	250			10.00		86	63	71	46	11	24	29.82	30.01	16	SCT	250			10.00		73	49	60	43	11	12	29.86	30.05						
19	BKN	200			10.00		80	65	70	60	9	22	29.82	30.01	19	SCT	250			10.00		64	45	54	50	11	12	29.85	30.04						
22	SCT	250			10.00		68	65	66	90	7	19	29.85	30.04	22	BKN	250			10.00		59	51	55	75	10	12	29.89	30.08						
SUNRISE: 0513						MAY 02						SUNRISE: 1860						SUNRISE: 0507						MAY 08						SUNSET: 1904					
01	OVC	250			10.00		66	63	64	90	0	00	29.83	30.02	01	BKN	250			10.00		59	53	56	81	7	16	29.85	30.04						
04	OVC	250			10.00		64	62	63	93	6	19	29.82	30.01	04	FEW	080			10.00		56	54	55	93	3	17	29.83	30.01						
07	OVC	250			9.00		70	66	67	87	7	24	29.87	30.06	07	SCT	250			10.00		62	57	59	84	8	17	29.83	30.02						
10	BKN	250			10.00		80	62	69	54	11	32	29.90	30.09	10	BKN	250			10.00		72	58	64	62	13	17	29.80	29.98						
13	OVC	250			10.00		85	59	69	41	5	25	29.88	30.07	13	OVC	250			10.00		75	59	65	58	14	22	29.76	29.95						
16	OVC	300			10.00		87	61	70	42	3	VR	29.85	30.04	16	BKN	110			10.00		77	60	66	56	15	19	29.68	29.87						
19	OVC	300			10.00		79	65	70	62	10	09	29.86	30.05	19	OVC	110			10.00		74	59	65	60	9	19	29.67	29.86						
22	OVC	300			9.00		66	62	64	87	5	11	29.91	30.10	22	OVC	050			10.00		72	60	65	66	6	17	29.68	29.86						
SUNRISE: 0512						MAY 03						SUNRISE: 1901						SUNRISE: 0506						MAY 09						SUNSET: 1905					
01	OVC	005			3.00	BR	62	60	61	93	8	11	29.91	30.10	01	OVC	065			10.00		70	58	63	66	13	19	29.66	29.85						
04	OVC	004			3.00	BR	60	59	59	97	6	07	29.91	30.09	04	OVC	100			10.00	-RA	65	61	63	87	10	19	29.62	29.81						
07	OVC	003			0.75	-DZ BR	59	58	58	97	7	06	29.99	30.18	07	OVC	090			10.00		66	62	64	87	8	21	29.63	29.82						
10	OVC	008			6.00	BR	63	59	61	87	0	00	29.98	30.16	10	OVC	012			10.00	-RA	69	64	66	84	7	23	29.61	29.80						
13	BKN	250			9.00		77	64	69	64	0	00	29.93	30.12	13	OVC	030			10.00		73	65	68	76	3	13	29.55	29.74						
16	SCT	300			10.00		82	66	71	58	5	11	29.87	30.06	16	BKN	029			1.50	TSRA BR	67	65	66	93	7	01	29.49	29.67						
19	BKN	300			9.00		76	66	70	71	5	14	29.85	30.04	19	OVC	075			5.00	-RA BR	61	58	59	90	6	01	29.50	29.69						
22	OVC	300			10.00		70	66	67	87	5	12	29.87	30.06	22	BKN	048			10.00	-RA	58	56	57	93	8	36	29.50	29.69						
SUNRISE: 0511						MAY 04						SUNRISE: 1901						SUNRISE: 0505						MAY 10						SUNSET: 1906					
01	OVC	250			10.00		69	65	66	87	7	15	29.85	30.04	01	BKN	100			10.00		58	56	57	93	8	30	29.48	29.67						
04	SCT	180			4.00	BR	67	66	66	97	0	00	29.80	29.99	04	CLR	NC			6.00	BR	55	54	54	96	6	27	29.48	29.68						
07	OVC	002			1.00	BR	67	66	66	97	5	17	29.82	30.01	07	FEW	100			10.00		59	50	54	72	9	32	29.55	29.74						
10	OVC	250			10.00		81	69	73	67	5	24	29.81	30.00	10	SCT	020			10.00		66	47	56	51	14	31	29.58	29.78						
13	OVC	250			10.00		85	70	75	61	3	VR	29.78	29.97	13	BKN	080			10.00		70	44	56	39	15	34	29.59	29.79						
16	OVC	300			10.00		83	69	74	63	9	01	29.75	29.93	16	BKN	080			10.00		70	38	54	31	18	35	29.62	29.81						
19	BKN	060			10.00	TS	75	67	70	76	10	12	29.71	29.90	19	SCT	300			10.00		63	40	51	43	5	35	29.68	29.88						
22	OVC	140			10.00		70	67	68	90	5	30	29.72	29.91	22	BKN	110			10.00		55	45	50	69	8	35	29.76	29.96						
SUNRISE: 0510						MAY 05						SUNRISE: 1902						SUNRISE: 0504						MAY 11						SUNSET: 1907					
01	SCT	250			10.00		66	65	65	97	5	11	29.70	29.88	01	SCT	090			10.00		55	42	49	62	3	32	29.81	30.00						
04	BKN	250			6.00	BR	67	65	66	93	0	00	29.67	29.86	04	CLR	NC			10.00		50	43	47	77	0	00	29.86	30.06						
07	BKN	250			10.00		73	67	69	82	3	33	29.68	29.87	07	CLR	NC			10.00		56	42	49	60	9	35	29.93	30.13						
10	BKN	250			10.00		81	68	72	65	3	VR	29.71	29.90	10	CLR	NC			10.00		66	36	51	33	13	34	29.98	30.17						
13	OVC	055			10.00	-RA	76	68	71	76	7	11	29.67	29.86	13	CLR	NC			10.00		69	34	52	28	10	33	29.96	30.15						
16	OVC	070			6.00	-RA BR	68	65	66	90	8	08	29.67	29.86	16	CLR	NC			10.00		71	32	52	24	6	VR	29.96	30.16						
19	OVC	095			2.00	-RA BR	69	67	68	93	6	02	29.72	29.91	19	FEW	300			10.00		68	35	52	30	5	27	29.98	30.17						
22	OVC	007			2.00	BR	67	65	66	93	9	07	29.75	29.93	22	FEW	300			10.00		55	45	50	69	0	00	30.03	30.22						
SUNRISE: 0509						MAY 06						SUNRISE: 1903						SUNRISE: 0503						MAY 12						SUNSET: 1908					
01	OVC	004			2.00	-DZ BR	64	63	63	97	15	03	29.79	29.98	01	CLR	NC			10.00		55	44	50	67	0	00	30.05	30.24						
04	OVC	004			2.00	BR	62	61	61	97	8	06	29.78	29.96	04	CLR	NC			10.00		50	44	47	80	0	00	30.08	30.28						
07	OVC	006			2.00	-DZ BR	61	60	60	97	8	05	29.82	30.01	07	FEW	250			10.00		57	48	52	72	3	18	30.13	30.33						
10	OVC	012			10.00		63	60	61	90	10	03	29.89	30.08	10	BKN	300			10.00		73	43	57	34	10	24	30.15	30.34						
13	BKN	250			10.00		69	60	64	73	3	VR	29.87	30.06	13	BKN	300			10.00		78	45	60	31	11	25	30.12	30.31						
16	OVC	033			10.00		72	60	65	66	7	06	29.83	30.02	16	OVC	300			10.00		75	46	59	36	10	21	30.07	30.26						
19	OVC	300			10.00		67	59	62	76	8	10	29.86	30.05	19	OVC	300			10.00		69	51	59	53	5	19	30.05	30.24						
22	OVC	300			10.00		61	57	59	87	8	14	29.90	30.09	22	BKN	300			10.00		63	50	56	63	7	21	30.08	30.27						

OBSERVATIONS AT 3-HOURLY INTERVALS

RICHMOND, VA

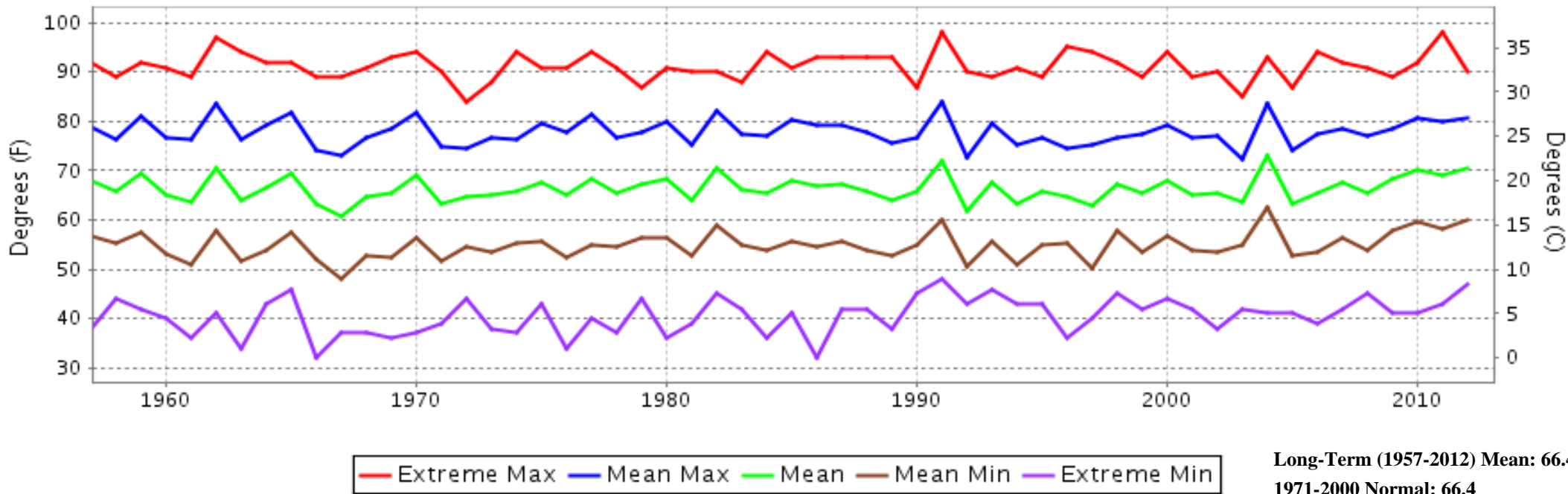
MAY 2012

KRIC

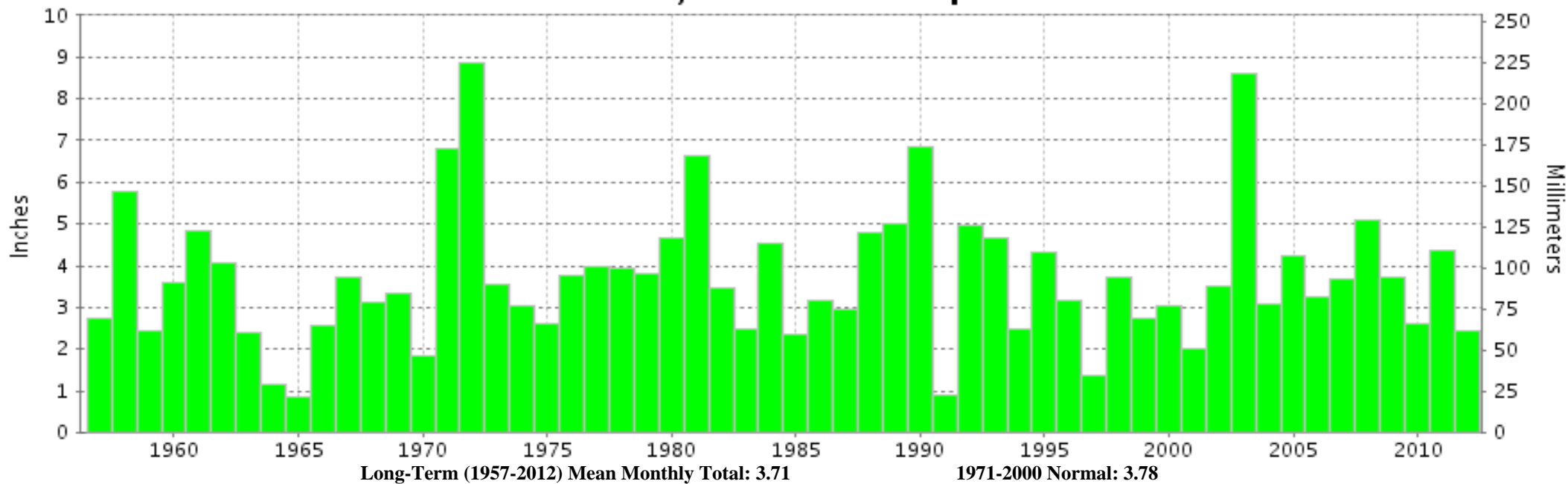
WBAN # 13740

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: 0502						MAY 13						SUNSET: 1909						SUNRISE: 0457						MAY 19						SUNSET: 1914																																																																																																																																																																																																																	
01	OVC	200			10.00		61	50	55	67	5	19	30.06	30.25	01	SCT	250			10.00		54	46	50	75	5	03	29.95	30.14	04	BKN	190			10.00		58	50	54	75	7	20	30.05	30.24	04	FEW	250			10.00		51	44	48	77	6	35	29.94	30.13	07	BKN	300			10.00		64	55	59	73	9	20	30.08	30.27	07	BKN	250			10.00		57	45	51	64	8	36	29.97	30.16	10	BKN	300			10.00		75	57	64	54	15	24	30.05	30.24	10	OVC	250			10.00		71	48	58	44	13	02	29.98	30.17	13	OVC	300			10.00		78	56	65	47	11	22	30.01	30.20	13	OVC	250			10.00		77	49	61	37	11	04	29.95	30.14	16	OVC	250			10.00		76	54	63	47	10	21	29.97	30.16	16	OVC	250			10.00		78	48	61	35	10	01	29.92	30.11	19	OVC	150			10.00		69	57	62	66	5	18	29.96	30.15	19	BKN	250			10.00		72	49	59	44	5	03	29.91	30.10	22	OVC	090			10.00	-RA	63	60	61	90	9	18	30.00	30.19	22	SCT	250			10.00		65	50	57	59	5	01	29.94	30.13
SUNRISE: 0501						MAY 14						SUNRISE: 0457						MAY 20						SUNSET: 1915																																																																																																																																																																																																																							
01	OVC	041			6.00	-RA	62	60	61	93	7	14	29.97	30.16	01	SCT	250			10.00		59	51	55	75	0	00	29.94	30.12	04	OVC	110			8.00	-RA	62	61	61	97	7	17	29.94	30.13	04	SCT	250			10.00		55	48	51	77	7	36	29.92	30.11	07	OVC	075			3.00	BR	63	61	62	93	8	14	29.94	30.13	07	SCT	250			10.00		63	48	55	58	8	01	29.95	30.14	10	OVC	250			10.00		69	62	65	79	11	15	29.92	30.11	10	OVC	200			10.00		72	53	61	51	16	01	29.95	30.14	13	OVC	085			10.00		74	60	65	62	13	18	29.89	30.08	13	BKN	060			10.00		78	60	67	54	14	05	29.92	30.11	16	BKN	110			10.00		73	61	66	66	9	13	29.83	30.02	16	OVC	050			10.00		73	61	66	66	14	03	29.90	30.09	19	OVC	150			10.00		70	62	65	76	8	14	29.82	30.01	19	OVC	040			10.00		69	64	66	84	8	35	29.87	30.06	22	OVC	100			10.00		69	62	65	79	9	15	29.85	30.04	22	OVC	012			10.00		67	65	66	93	11	02	29.86	30.05
SUNRISE: 0501						MAY 15						SUNRISE: 0456						MAY 21						SUNSET: 1916																																																																																																																																																																																																																							
01	BKN	095			10.00		67	63	65	87	9	14	29.81	29.99	01	OVC	015			6.00	-DZ	65	64	64	97	7	01	29.81	30.00	04	OVC	021			6.00	-RA	66	65	65	97	6	18	29.77	29.96	04	OVC	005			2.50	-DZ	64	63	63	97	3	07	29.81	30.00	07	OVC	120			2.50	BR	68	66	67	93	7	18	29.80	29.98	07	OVC	007			0.12	FG	65	64	64	97	3	18	29.83	30.02	10	OVC	250			10.00		74	65	68	74	5	19	29.81	30.00	10	OVC	024			10.00		71	65	67	81	7	17	29.82	30.01	13	OVC	250			10.00		80	65	70	60	8	23	29.79	29.98	13	OVC	045			10.00		74	66	69	76	7	15	29.80	29.98	16	BKN	250			10.00		80	65	70	60	3	VR	29.73	29.91	16	BKN	045			10.00		74	66	69	76	3	09	29.75	29.93	19	BKN	100			10.00		73	68	70	84	7	11	29.74	29.93	19	BKN	100			10.00		71	65	67	81	8	11	29.72	29.91	22	BKN	032			10.00		67	63	65	87	0	00	29.80	29.98	22	OVC	070			10.00		68	65	66	90	3	13	29.74	29.93
SUNRISE: 0460						MAY 16						SUNRISE: 0455						MAY 22						SUNSET: 1916																																																																																																																																																																																																																							
01	OVC	250			10.00		65	63	64	93	3	19	29.79	29.97	01	OVC	100			10.00		66	65	65	97	3	14	29.71	29.89	04	OVC	300			9.00		65	64	64	97	5	20	29.74	29.93	04	OVC	008			10.00		66	65	65	97	0	00	29.67	29.85	07	BKN	150			10.00		66	62	64	87	0	00	29.78	29.97	07	OVC	005			3.00	BR	68	65	65	90	5	01	29.69	29.88	10	OVC	250			10.00		71	65	67	81	3	VR	29.79	29.98	10	OVC	011			7.00		72	66	68	82	3	04	29.70	29.89	13	OVC	250			10.00		78	65	70	64	3	17	29.75	29.94	13	BKN	085			10.00	TS	77	66	70	69	0	00	29.66	29.85	16	BKN	250			10.00		79	63	69	58	0	00	29.71	29.90	16	OVC	250			10.00		74	65	68	74	6	13	29.73	29.92	19	BKN	250			10.00		74	65	68	74	6	13	29.73	29.92	19	OVC	250			10.00		69	64	66	84	3	17	29.77	29.96	22	OVC	250			10.00		69	64	66	84	3	17	29.77	29.96															
SUNRISE: 0459						MAY 17						SUNRISE: 0455						MAY 23						SUNSET: 1917																																																																																																																																																																																																																							
01	OVC	250			10.00		65	63	64	93	3	20	29.75	29.94	01	OVC	110			10.00		66	63	64	90	5	32	29.68	29.87	04	SCT	250			10.00		63	62	62	97	0	00	29.76	29.95	04	BKN	130			10.00		65	63	64	93	3	28	29.68	29.87	07	BKN	300			10.00		67	60	63	78	16	02	29.82	30.01	07	BKN	300			10.00		68	64	66	87	3	33	29.70	29.89	10	OVC	300			10.00		72	61	65	68	13	03	29.87	30.06	10	OVC	300			10.00		76	66	70	71	6	07	29.72	29.91	13	OVC	031			10.00		72	61	65	68	8	03	29.88	30.06	13	OVC	300			10.00		79	65	70	62	6	13	29.72	29.91	16	OVC	025			10.00		71	60	64	68	8	06	29.86	30.05	16	SCT	055			10.00		79	65	70	62	7	16	29.69	29.88	19	OVC	250			10.00		69	59	63	71	5	06	29.89	30.08	19	BKN	250			10.00		73	63	67	71	0	00	29.74	29.93	22	BKN	250			10.00		62	56	59	81	3	05	29.92	30.11	22	SCT	250			10.00		67	65	66	93	3	16	29.79	29.97
SUNRISE: 0458						MAY 18						SUNRISE: 0454						MAY 24						SUNSET: 1918																																																																																																																																																																																																																							
01	FEW	250			10.00		58	55	56	90	5	02	29.91	30.10	01	FEW	300			10.00		63	58	60	84	0	00	29.79	29.98	04	FEW	250			10.00		55	53	54	93	5	35	29.92	30.11	04	CLR	NC			10.00		60	57	58	90	0	00	29.83	30.02	07	BKN	300			10.00		60	52	56	75	9	01	29.95	30.14	07	SCT	300			10.00		66	61	63	84	0	00	29.87	30.06	10	BKN	300			10.00		68	49	58	51	11	06	29.97	30.16	10	BKN	300			10.00		75	65	69	71	3	15	29.90	30.09	13	OVC	300			10.00		74	47	59	38	16	07	29.95	30.14	13	BKN	080			10.00		82	67	72	61	8	11	29.88	30.07	16	OVC	250			10.00		74	48	59	40	11	08	29.92	30.11	16	OVC	200			10.00		71	67	68	87	3	15	29.88	30.07	19	OVC	250			10.00		68	47	57	47	6	08	29.93	30.13	19	BKN	200			10.00		60	49	54	67	5	05	29.96	30.15	22	BKN	250			10.00		60	49	54	67	5	05	29.96	30.15															

RICHMOND, VA MAY Temperatures



RICHMOND, VA MAY Precipitation





**MAY 2012
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.

A handwritten signature in black ink, appearing to read "Thomas R. Karl".

DIRECTOR

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or Email : ncdc.info@noaa.gov

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Asheville, NC 28801-5001