



FEBRUARY 2016 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																	
																		SPEED 20	DIR 21	SPEED 22	DIR 23																	
01	72*	48	60*	23	46	50	5	0	RA BR	0		0.0	0.14	29.73	29.93	3.1	24	8.6	27	36	23	35	01															
02	53	38	46	9	37	42	19	0		0		0.0	0.00	30.04	30.26	5.2	07	7.9	18	02	14	02	02															
03	71	38	55	18	51	53	10	0	RA DZ BR	0		0.0	0.81	29.85	30.02	5.6	18	9.0	33	19	28	18	03															
04	61	40	51	14	48	49	14	0	RA DZ FG+ BR	0		0.0	0.19	29.80	30.02	3.3	04	7.7	25	01	21	01	04															
05	45	29	37	0	26	33	28	0	RA SN BR	0		T	0.17	30.03	30.26	12.0	34	12.4	31	31	24	31	05															
06	45	24	35	-2	22	29	30	0		0		0.0	0.00	30.22	30.40	0.5	17	1.9	13	26	9	27	06															
07	43	28	36	-1	25	32	29	0		0		0.0	0.00	29.90	30.06	7.7	01	7.9	23	36	18	36	07															
08	48	31	40	2	27	35	25	0	RA	0		0.0	0.03	29.57	29.74	1.7	04	7.8	22	36	17	35	08															
09	46	32	39	1	30	35	26	0	RA SN PL BR	0		T	0.04	29.41	29.62	7.3	27	8.6	27	27	22	28	09															
10	41	24	33	-6	15	26	32	0	SN FZFG BR	T		0.4	0.02	29.62	29.85	12.1	27	12.9	29	32	23	31	10															
11	34	21	28	-11	3	20	37	0		0		0.0	0.00	29.94	30.18	9.9	29	11.4	27	28	22	28	11															
12	28	16	22	-17	11	20	43	0	SN	0		T	T	30.03	30.20	2.6	17	3.9	13	18	12	18	12															
13	30	15	23	-16	1	19	42	0		0		0.0	0.00	30.03	30.27	13.5	32	14.4	36	32	26	31	13															
14	27	9*	18*	-21	1	15	47	0	SN	0		T	T	30.34	30.54	2.1	04	5.5	20	20	17	20	14															
15	31	20	26	-14	24	25	39	0	RA DZ FZRA FZDZ SN PL BR	1		1.4	0.37	30.16	30.32	2.0	06	4.4	13	14	9	14	15															
16	56	31	44	4	41	45	21	0	RA DZ FZFG BR	0		0.0	0.70	29.55	29.74	5.2	22	10.9	39	18	32	18	16															
17	54	33	44	4	32	38	21	0		0		0.0	0.00	29.85	30.09	2.0	02	3.8	22	03	18	03	17															
18	46	25	36	-4	20	30	29	0		0		0.0	0.00	30.24	30.47	7.1	35	8.0	24	32	20	34	18															
19	48	23	36	-4	17	29	29	0		0		0.0	0.00	30.29	30.46	5.5	18	7.1	29	20	23	19	19															
20	67	39	53	12	37	46	12	0		0		0.0	0.00	29.91	30.08	11.8	22	12.2	27	20	21	22	20															
21	67	43	55	14	50	52	10	0	RA FG+ FG BR	0		0.0	0.22	29.75	29.94	2.9	24	5.1	16	32	14	34	21															
22	55	43	49	8	43	45	16	0	BR	0		0.0	0.00	29.88	30.10	7.1	04	8.0	24	01	20	01	22															
23	45	40	43	1	41	42	22	0	RA DZ BR	0		0.0	0.63	29.90	30.08	7.9	01	8.4	19	35	15	36	23															
24	69	42	56	14	53	54	9	0	TS TSRA RA DZ FG+ FG BR SQ	0		0.0	1.03	29.51	29.62	8.7	18	13.2	48*	26	33*	21	24															
25	57	42	50	8	27	39	15	0	RA	0		0.0	T	29.38	29.60	20.5	25	21.0	41	26	31	26	25															
26	47	30	39	-3	19	32	26	0		0		0.0	0.00	29.80	30.05	8.9	31	10.7	32	31	24	30	26															
27	47	22	35	-8	20	30	30	0		0		0.0	0.00	29.99	30.19	2.3	25	4.3	22	26	16	27	27															
28	67	28	48	5	29	40	17	0		0		0.0	0.00	29.86	30.04	9.5	21	10.1	28	21	21	21	28															
29	69	42	56	13	31	45	9	0		0		0.0	0.00	29.68	29.89	11.3	24	13.2	39	26	31	26	29															
50.7				30.9		40.8		☼	28.5		36.2		23.9		0.0		< MONTHLY AVERAGES TOTALS >				1.8		4.35		29.88		30.07		2.8		28		9.0		< MONTHLY AVERAGES			
-0.6		0.4		-0.1		<----- DEPARTURE FROM NORMAL ----->												1.59		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3																		
DEGREE DAYS										GREATEST 24-HR PRECIPITATION : 1.04 DATE : 23-24				SEA LEVEL PRESSURE				DATE TIME																				
MONTHLY					SEASON TO DATE					GREATEST 24-HR SNOWFALL : 1.4 DATE : 15				MAXIMUM : 30.62 19 1049																								
TOTAL DEPARTURE					TOTAL DEPARTURE					GREATEST SNOW DEPTH : 1 DATE : 15				MINIMUM : 29.33 24 1754																								
HEATING :		692		17		2588		-348		NUMBER OF -> DAYS WITH		MAXIMUM TEMP >= 90 : 0		MINIMUM TEMP <= 32 : 17		PRECIPITATION >= 0.01 INCH : 12																						
COOLING :		0		0		0		0				MAXIMUM TEMP <= 32 : 4		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH : 9																						
												THUNDERSTORMS : 1		HEAVY FOG : 3		SNOWFALL >= 1.0 INCH : 1																						

**FEBRUARY 2016
RICHMOND, VA**

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

RICHMOND, VA (KRIC)
FEBRUARY 2016

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	0.14	0.14	
02													02												02	0.00	0.00	
03													03	T											03	0.81	0.81	
04	T	T	0.01	0.01	0.01								04	T	0.01	0.05	0.51	0.15	0.09	0.05	T				04	0.19	0.19	
05	0.02	0.03	0.01	0.03	0.05	0.03	T						05							0.02	T	0.01	0.02	T	0.02	05	0.17	0.17
06													06												06	0.00	0.00	
07													07												07	0.00	0.00	
08													08												08	0.03	0.03	
09													09		T	0.02	0.01	0.01							09	0.04	0.04	
10		T	T	0.01	0.01								10												10	0.02	0.02	
11													11												11	0.00	0.00	
12													12				T	T							12	T	T	
13													13												13	0.00	0.00	
14													14												14	T	T	
15	0.01	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.03	15	0.03	0.02	0.01	0.05	0.02	0.01		T	0.01	0.02	0.01	0.01	15	0.37	0.37
16	T								0.12	0.36	0.11	0.08	0.02	16	0.01										16	0.70	0.70	
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	0.03	0.03	0.03	0.01	0.01	0.01	0.11	T		21	0.22	0.22	
22													22												22	0.00	0.00	
23		T	0.01	0.06	0.09	0.14	0.03	0.08	0.09	0.08	0.03	0.01	23		T	T	T								23	0.63	0.63	
24	0.01	T	0.01	0.01	0.01	0.01	0.01	T	T	T	T		24	T	0.01	0.02	0.02		T	0.75	0.17	T		24	1.03	1.03		
25				T									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	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)	0.20	0.29	0.44	0.56	0.69	0.75	0.75	0.81	0.92	0.92	0.92	0.92
Ending Date	03	24	24	24	24	24	24	24	24	24	24	24
Ending Time (Hr/Min)	1528	1840	1840	1846	1848	1855	1855	1938	1946	1946	1946	1946

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.

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).

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	
VC In the Vicinity	UP Unkown Precipitation		GL Glaze

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

RICHMOND, VA FEBRUARY 2016

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet.

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.

Snow Depth, Snowfall, and Sunshine data may come from nearby sites that the National Weather Service deems Climatologically representative of this site.

NORMALS ARE FOR THE YEARS 1981-2010

ADDITIONAL NOTES & ERRATA:

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

Date	VISIBILITY (MILES)	
	MINIMUM	MAXIMUM
01	5.00	10.00
02	10.00	10.00
03	1.50	10.00
04	1.75	10.00
05	3.00	10.00
06	10.00	10.00
07	10.00	10.00
08	10.00	10.00
09	4.00	10.00
10	1.50	10.00
11	10.00	10.00
12	9.00	10.00
13	10.00	10.00
14	3.00	10.00
15	0.75	8.00
16	0.50	10.00
17	10.00	10.00
18	10.00	10.00
19	10.00	10.00
20	10.00	10.00
21	0.25	10.00
22	4.00	10.00
23	1.50	10.00
24	0.25	10.00
25	10.00	10.00
26	10.00	10.00
27	10.00	10.00
28	10.00	10.00
29	10.00	10.00
AVGS	6.41	9.93
MINIMUM VISIBILITY (MILES)		
<= .25	<= 3.0	>= 7.0
2	10	16

OBSERVATIONS AT 3-HOURLY INTERVALS

RICHMOND, VA
FEBRUARY 2016 **KRIC**

WBAN # 13740

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)					
					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: 0713					FEB 01					SUNSET: 1733					SUNRISE: 0707					FEB 07					SUNSET: 1740				
01	BKN	240	10.00		51	40	46	66	9	22	29.74	29.93	01	BKN	220	10.00		29	25	28	85	0	00	30.07	30.27				
04	BKN	260	10.00		48	41	45	77	8	19	29.71	29.90	04	OVC	190	10.00		31	27	30	85	3	34	30.02	30.22				
07	BKN	300	10.00		46	43	45	89	7	20	29.72	29.92	07	OVC	180	10.00		32	27	30	82	0	00	29.98	30.18				
10	SCT	300	10.00		58	49	53	72	9	23	29.73	29.92	10	OVC	200	10.00		36	26	32	67	9	36	29.95	30.15				
13	SCT	250	10.00		69	50	58	51	7	23	29.67	29.86	13	OVC	200	10.00		42	25	35	51	11	02	29.85	30.05				
16	BKN	250	10.00		70	50	59	49	5	27	29.65	29.84	16	OVC	220	10.00		42	23	35	47	13	02	29.79	29.98				
19	OVC	080	10.00	-RA	51	46	49	83	11	36	29.79	29.98	19	OVC	110	10.00		41	23	34	49	13	36	29.70	29.90				
22	BKN	090	10.00		46	45	46	96	7	02	29.85	30.04	22	OVC	220	10.00		38	21	32	51	11	36	29.67	29.86				
SUNRISE: 0712					FEB 02					SUNSET: 1734					SUNRISE: 0706					FEB 08					SUNSET: 1741				
01	OVC	036	10.00		47	45	46	93	6	35	29.90	30.09	01	OVC	180	10.00		38	21	32	51	14	35	29.59	29.78				
04	OVC	055	10.00		46	41	44	83	8	01	29.95	30.14	04	SCT	250	10.00		34	22	30	61	10	32	29.57	29.76				
07	BKN	065	10.00		44	37	41	76	9	01	30.05	30.24	07	FEW	250	10.00		31	21	28	67	8	34	29.62	29.82				
10	SCT	300	10.00		46	35	41	66	10	08	30.13	30.33	10	FEW	250	10.00		42	24	35	49	6	04	29.62	29.81				
13	SCT	300	10.00		53	35	45	51	8	09	30.11	30.30	13	BKN	250	10.00		47	25	38	42	3	VR	29.53	29.72				
16	BKN	044	10.00		53	34	44	48	7	10	30.10	30.29	16	OVC	250	10.00		47	27	39	46	8	12	29.50	29.69				
19	OVC	044	10.00		47	36	42	66	11	14	30.12	30.32	19	BKN	075	10.00		41	31	37	67	8	12	29.52	29.72				
22	FEW	043	10.00		41	36	39	82	10	10	30.09	30.29	22	OVC	028	10.00		38	34	36	86	7	12	29.50	29.69				
SUNRISE: 0711					FEB 03					SUNSET: 1735					SUNRISE: 0705					FEB 09					SUNSET: 1742				
01	OVC	032	10.00		41	38	40	89	5	31	30.05	30.24	01	OVC	025	10.00		38	37	38	97	5	10	29.41	29.60				
04	OVC	027	10.00		42	39	41	89	0	00	29.96	30.15	04	OVC	039	10.00		37	37	37	100	0	00	29.37	29.57				
07	OVC	017	10.00		44	40	42	85	5	06	29.91	30.11	07	OVC	042	4.00	BR	38	37	38	97	8	27	29.39	29.58				
10	OVC	007	10.00		53	51	52	93	10	17	29.86	30.06	10	OVC	250	10.00		39	35	37	86	10	27	29.41	29.61				
13	OVC	250	10.00		69	59	63	70	18	19	29.73	29.92	13	BKN	250	10.00		46	30	39	54	9	31	29.39	29.57				
16	OVC	060	1.50	+RA BR	58	58	58	100	0	00	29.73	29.93	16	BKN	075	10.00	-RAPL	41	31	37	67	9	32	29.39	29.58				
19	OVC	090	7.00	-RA	59	59	59	100	14	16	29.73	29.92	19	OVC	075	10.00		38	21	32	51	11	26	29.48	29.67				
22	OVC	005	10.00	-RA	61	60	60	97	10	20	29.75	29.94	22	BKN	060	10.00		33	17	28	52	13	26	29.53	29.72				
SUNRISE: 0710					FEB 04					SUNSET: 1736					SUNRISE: 0704					FEB 10					SUNSET: 1743				
01	OVC	005	5.00	-RA BR	60	60	60	100	10	18	29.72	29.91	01	OVC	050	10.00		31	16	26	54	13	26	29.54	29.73				
04	OVC	031	4.00	-DZ BR	60	60	60	100	8	19	29.72	29.91	04	OVC	045	1.50	-SN BR	28	25	27	88	5	27	29.57	29.77				
07	BKN	120	7.00		60	59	59	96	0	00	29.75	29.94	07	SCT	090	10.00		26	20	24	78	8	23	29.63	29.83				
10	OVC	020	10.00		52	47	49	83	13	36	29.88	30.07	10	FEW	250	10.00		32	17	27	54	13	28	29.67	29.86				
13	OVC	029	8.00	-RA	48	41	45	77	7	36	29.86	30.06	13	FEW	050	10.00		39	15	31	38	16	25	29.62	29.82				
16	OVC	060	4.00	-RA BR	43	41	42	93	8	05	29.87	30.06	16	BKN	250	10.00		39	14	31	36	11	26	29.62	29.81				
19	OVC	065	5.00	-RA BR	42	40	41	92	5	06	29.90	30.09	19	OVC	065	10.00		33	10	26	38	20	28	29.71	29.91				
22	OVC	040	6.00	BR	42	41	42	96	3	04	29.90	30.10	22	OVC	070	10.00		28	6	22	39	21	31	29.78	29.98				
SUNRISE: 0709					FEB 05					SUNSET: 1737					SUNRISE: 0703					FEB 11					SUNSET: 1744				
01	OVC	047	7.00		39	34	37	82	11	01	29.87	30.06	01	CLR	NC	10.00		25	5	20	42	14	28	29.83	30.03				
04	OVC	065	7.00	-RASN	35	33	34	93	16	35	29.90	30.09	04	CLR	NC	10.00		23	4	18	44	11	28	29.85	30.05				
07	OVC	090	9.00		35	31	33	85	13	35	29.98	30.18	07	FEW	200	10.00		21	3	17	45	15	28	29.93	30.13				
10	BKN	110	10.00		38	24	33	57	21	32	30.07	30.27	10	FEW	050	10.00		25	2	19	37	10	28	29.99	30.19				
13	FEW	070	10.00		42	24	35	49	17	34	30.11	30.30	13	FEW	050	10.00		30	2	23	30	9	31	29.96	30.16				
16	FEW	060	10.00		44	22	36	41	15	33	30.12	30.31	16	FEW	050	10.00		33	1	24	25	9	27	29.96	30.16				
19	CLR	NC	10.00		37	19	31	48	7	33	30.18	30.38	19	CLR	NC	10.00		29	2	22	31	8	32	30.05	30.24				
22	CLR	NC	10.00		30	25	28	82	0	00	30.22	30.42	22	CLR	NC	10.00		24	2	19	38	9	01	30.13	30.33				
SUNRISE: 0708					FEB 06					SUNSET: 1739					SUNRISE: 0702					FEB 12					SUNSET: 1745				
01	CLR	NC	10.00		27	22	25	81	0	00	30.23	30.43	01	FEW	300	10.00		20	6	17	55	0	00	30.16	30.36				
04	CLR	NC	10.00		26	22	25	84	0	00	30.24	30.44	04	BKN	210	10.00		20	8	17	60	5	08	30.14	30.34				
07	BKN	300	10.00		27	22	25	81	0	00	30.27	30.47	07	SCT	180	10.00		17	9	15	70	3	16	30.14	30.35				
10	OVC	300	10.00		35	24	31	64	0	00	30.30	30.50	10	OVC	180	10.00		24	5	19	44	6	11	30.11	30.31				
13	BKN	240	10.00		42	20	34	41	5	26	30.22	30.42	13	OVC	070	10.00		26	4	20	38	3	19	30.00	30.20				
16	BKN	250	10.00		45	17	35	33	3	VR	30.14	30.34	16	OVC	065	9.00	-SN	28	14	24	56	3	VR	29.87	30.07				
19	FEW	250	10.00		35	22	30	59	6	17	30.14	30.34	19	BKN	100	10.00		27	18	24	69	9	20	29.83	30.03				
22	CLR	NC	10.00		32	23	29	69	3	11	30.12	30.32	22	OVC	080	10.00		26	19	24	75	0	00	29.82	30.02				

OBSERVATIONS AT 3-HOURLY INTERVALS

RICHMOND, VA
FEBRUARY 2016

KRIC

WBAN # 13740

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
					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: 0701 FEB 13					SUNSET: 1746					SUNRISE: 0654 FEB 19					SUNSET: 1753										
01	BKN	080	10.00		24	19	22	81	0	00	29.83	30.03	01	CLR	NC	10.00		27	13	23	55	7	05	30.36	30.56
04	BKN	080	10.00		25	18	23	75	0	00	29.86	30.06	04	CLR	NC	10.00		25	13	22	60	3	32	30.37	30.57
07	FEW	065	10.00		23	2	18	40	18	33	30.01	30.21	07	SCT	250	10.00		23	17	21	78	0	00	30.40	30.60
10	FEW	060	10.00		25	-3	19	29	21	29	30.07	30.27	10	BKN	250	10.00		32	15	27	50	3	23	30.42	30.62
13	BKN	070	10.00		27	-2	20	28	17	32	30.08	30.27	13	BKN	250	10.00		42	14	33	32	10	20	30.33	30.53
16	FEW	070	10.00		29	-6	21	21	15	30	30.08	30.28	16	BKN	250	10.00		47	18	36	31	10	18	30.16	30.36
19	CLR	NC	10.00		22	-5	16	30	14	35	30.19	30.39	19	OVC	300	10.00		44	19	35	37	10	18	30.09	30.29
22	CLR	NC	10.00		17	-4	13	39	11	35	30.27	30.47	22	SCT	240	10.00		41	21	34	45	11	18	30.07	30.26
SUNRISE: 0660 FEB 14					SUNSET: 1747					SUNRISE: 0653 FEB 20					SUNSET: 1754										
01	CLR	NC	10.00		14	-3	11	47	7	01	30.29	30.49	01	OVC	085	10.00		43	23	35	45	20	20	30.01	30.20
04	CLR	NC	10.00		12	-1	9	56	5	01	30.31	30.51	04	SCT	300	10.00		40	25	34	55	11	20	29.94	30.14
07	SCT	300	10.00		10	1	8	67	3	01	30.37	30.57	07	BKN	300	10.00		47	33	41	59	13	23	29.94	30.14
10	SCT	250	10.00		19	-2	15	39	7	34	30.40	30.60	10	OVC	300	10.00		54	38	46	55	10	24	29.96	30.16
13	BKN	250	10.00		23	-3	17	32	3	VR	30.36	30.56	13	OVC	220	10.00		64	40	52	41	15	23	29.89	30.08
16	SCT	300	10.00		26	-3	19	28	3	28	30.31	30.51	16	BKN	300	10.00		66	42	54	42	15	22	29.81	30.00
19	OVC	230	10.00		24	1	18	36	6	14	30.33	30.53	19	FEW	300	10.00		57	44	50	62	10	21	29.80	29.99
22	OVC	075	10.00	-SN	23	7	19	50	9	16	30.33	30.54	22	CLR	NC	10.00		56	45	50	67	10	22	29.83	30.02
SUNRISE: 0659 FEB 15					SUNSET: 1748					SUNRISE: 0652 FEB 21					SUNSET: 1755										
01	OVC	070	6.00	-SN	21	16	20	81	7	16	30.32	30.53	01	CLR	NC	10.00		52	45	49	77	8	23	29.82	30.01
04	OVC	020	1.50	-SN BR	20	18	19	92	6	13	30.29	30.49	04	CLR	NC	10.00		47	44	46	90	5	23	29.80	29.99
07	OVC	050	3.00	-SN BR	21	18	20	88	6	11	30.24	30.45	07	BKN	300	9.00		44	43	44	96	5	21	29.81	30.00
10	OVC	022	2.00	-SN BR	24	21	23	88	3	02	30.22	30.42	10	BKN	300	10.00		61	48	54	63	9	25	29.79	29.98
13	OVC	014	6.00	-FZRA BR	27	25	26	92	8	33	30.12	30.32	13	OVC	250	10.00		66	49	57	54	0	00	29.71	29.90
16	OVC	005	3.00	RA BR	30	28	29	92	5	01	30.02	30.22	16	OVC	100	3.00	-RA BR	58	56	57	93	3	01	29.70	29.89
19	OVC	004	2.00	BR	30	30	30	100	5	04	29.98	30.18	19	OVC	060	1.50	-RA BR	56	56	56	100	5	16	29.69	29.88
22	OVC	003	7.00		31	30	31	96	3	06	29.89	30.09	22	OVC	043	0.25	FG	54	54	54	100	0	00	29.70	29.89
SUNRISE: 0658 FEB 16					SUNSET: 1749					SUNRISE: 0650 FEB 22					SUNSET: 1756										
01	VV	003	0.50	FZFG	31	31	31	100	3	04	29.80	29.99	01	OVC	007	7.00		54	52	53	93	11	36	29.76	29.95
04	BKN	070	4.00	BR	34	34	34	100	6	12	29.60	29.80	04	BKN	070	5.00	BR	48	47	48	96	9	36	29.78	29.98
07	OVC	120	10.00		56	51	53	84	21	15	29.45	29.65	07	OVC	050	9.00		46	44	45	93	9	02	29.88	30.07
10	OVC	080	9.00	RA	52	51	51	97	6	19	29.41	29.60	10	OVC	015	10.00		47	43	45	86	8	08	29.95	30.14
13	BKN	250	10.00		53	47	50	80	20	25	29.41	29.60	13	OVC	028	10.00		49	42	46	77	8	04	29.94	30.13
16	SCT	045	10.00		56	38	47	51	16	30	29.48	29.68	16	OVC	027	10.00		48	41	45	77	9	05	29.94	30.14
19	SCT	055	10.00		50	34	43	54	6	24	29.56	29.75	19	OVC	110	10.00		46	39	43	77	5	04	29.97	30.16
22	BKN	110	10.00		45	33	40	63	7	29	29.70	29.89	22	OVC	060	10.00		45	38	42	77	8	08	29.99	30.18
SUNRISE: 0656 FEB 17					SUNSET: 1750					SUNRISE: 0649 FEB 23					SUNSET: 1757										
01	OVC	095	10.00		40	35	38	83	0	00	29.71	29.91	01	OVC	050	10.00		43	35	40	74	6	07	29.95	30.14
04	OVC	070	10.00		38	34	36	86	5	10	29.73	29.93	04	OVC	014	4.00	-RA BR	40	38	39	93	8	02	29.90	30.10
07	FEW	100	10.00		33	31	32	92	0	00	29.81	30.01	07	OVC	020	6.00	-RA BR	40	39	40	97	10	01	29.91	30.11
10	SCT	250	10.00		46	33	40	61	5	10	29.89	30.08	10	OVC	006	4.00	RA BR	41	40	41	96	10	02	29.92	30.12
13	SCT	250	10.00		48	31	41	52	0	00	29.88	30.08	13	OVC	005	4.00	BR	44	43	44	96	5	06	29.87	30.06
16	SCT	250	10.00		53	28	42	38	6	VR	29.90	30.09	16	OVC	005	2.50	BR	44	43	44	96	9	35	29.87	30.06
19	BKN	090	10.00		46	32	40	58	5	06	29.99	30.18	19	OVC	012	6.00	BR	43	42	43	97	7	02	29.88	30.08
22	BKN	070	10.00		41	28	36	60	7	03	30.08	30.28	22	OVC	004	7.00		43	42	43	97	8	01	29.86	30.06
SUNRISE: 0655 FEB 18					SUNSET: 1751					SUNRISE: 0648 FEB 24					SUNSET: 1758										
01	FEW	055	10.00		35	25	31	67	5	01	30.13	30.32	01	OVC	003	2.00	-DZ BR	43	42	43	97	3	04	29.82	30.01
04	CLR	NC	10.00		28	24	27	85	0	00	30.17	30.36	04	OVC	004	3.00	-DZ BR	43	42	43	97	6	03	29.72	29.92
07	FEW	055	10.00		27	22	25	81	0	00	30.21	30.40	07	OVC	002	1.50	-DZ BR	43	43	43	100	0	00	29.64	29.84
10	FEW	100	10.00		40	26	35	58	9	01	30.30	30.49	10	VV	002	0.50	-DZ FG	52	52	52	100	11	15	29.54	29.73
13	SCT	040	10.00		44	24	36	45	17	31	30.29	30.48	13	OVC	027	10.00	-RA	66	63	64	90	18	17	29.39	29.59
16	FEW	250	10.00		44	18	35	35	15	34	30.28	30.48	16	BKN	025	2.00	BR	67	64	65	91	18	16	29.22	29.41
19	BKN	300	10.00		36	15	29	42	9	02	30.33	30.53	19	BKN	033	6.00	-TSRA BR	62	60	61	93	24	22	29.18	29.36
22	FEW	300	10.00		30	10	24	43	7	02	30.37	30.57	22	BKN	140	10.00		62	55	58	78	16	21	29.18	29.36

OBSERVATIONS AT 3-HOURLY INTERVALS

RICHMOND, VA
FEBRUARY 2016

KRIC

WBAN # 13740

Table with columns: HOUR (LST), SKY COVER, CEILING 100's of FT., VISIBILITY (MILES), WEATHER, TEMPERATURE °F (DRY BULB, DEW POINT, WET BULB, RELATIVE HUMIDITY (PCT)), WIND (SPEED (MPH), DIRECTION Tens of Deg), PRESSURE (INCHES, HG) (STATION, SEA LEVEL).

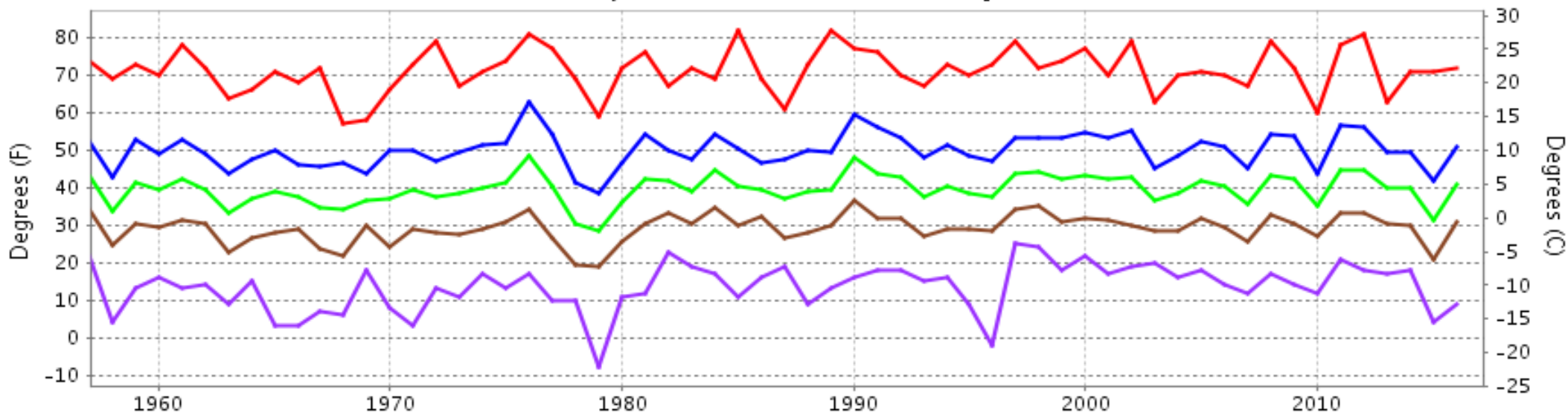
Table with columns: HOUR (LST), SKY COVER, CEILING 100's of FT., VISIBILITY (MILES), WEATHER, TEMPERATURE °F (DRY BULB, DEW POINT, WET BULB, RELATIVE HUMIDITY (PCT)), WIND (SPEED (MPH), DIRECTION Tens of Deg), PRESSURE (INCHES, HG) (STATION, SEA LEVEL).

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

Table with columns: HOUR (LST), AVERAGES (DRY BULB, DEW POINT, WET BULB, RELATIVE HUMIDITY, PRESSURE (Inches, HG) (STATION, SEA LEVEL), VISIBILITY (Miles), WIND SPEED (MPH)), RESULTANT WIND (MPH) (SPEED, DIRECTION).

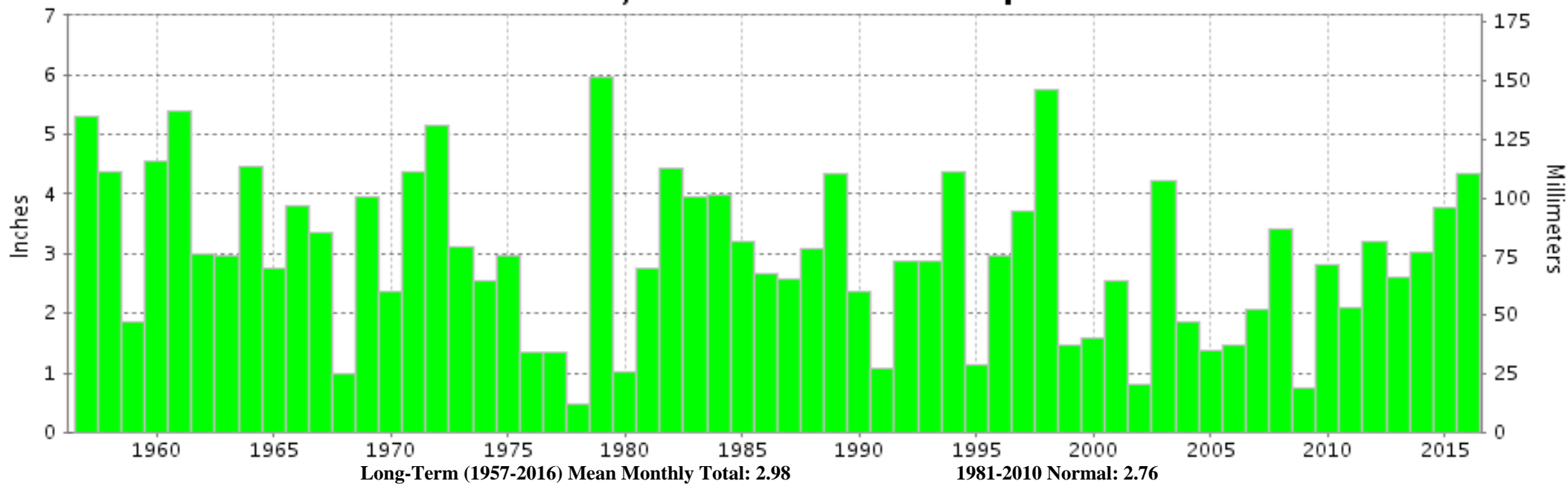
RICHMOND, VA FEBRUARY Temperatures



— Extreme Max
 — Mean Max
 — Mean
 — Mean Min
 — Extreme Min

Long-Term (1957-2016) Mean: 39.6
1981-2010 Normal: 40.9

RICHMOND, VA FEBRUARY Precipitation



Long-Term (1957-2016) Mean Monthly Total: 2.98

1981-2010 Normal: 2.76



**FEBRUARY 2016
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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