



APRIL 2017 LOCAL CLIMATOLOGICAL DATA

NOAA, National Centers for Environmental Information

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	70	47	59	6	46	52	6	0			0.0	0.00	29.68	29.92	7.6	34	10.4	26	02	21	36	01		
02	66	44	55	2			10	0			0.0	0.00	30.01				6.3	23	02	16	36	02		
03	70	45	58	5	49	54	7	0	RA BR		0.0	0.23	29.83	29.96	10.0	17	10.6	28	20	21	15	03		
04	81	58	70	17	55	62	0	5			0.0	0.00	29.49	29.68	13.3	23	14.0	33	23	24	24	04		
05	78	50	64	10	50	57	1	0			0.0	0.00	29.68	29.85	6.0	14	6.6	28	14	22	13	05		
06	71	51	61	7	49	55	4	0	TS TSRA GR RA BR		T	0.33	29.31	29.47	13.5	22	17.0	49*	24	38*	25	06		
07	55	42	49*	-5	28	40	16	0			0.0	0.00	29.46	29.69	14.6	28	16.4	36	28	29	29	07		
08	67	34*	51	-4	26	41	14	0			0.0	0.00	29.80	30.01	4.8	28	6.3	22	34	17	32	08		
09	74	37	56	1	33	46	9	0			0.0	0.00	29.98	30.18	2.3	17	3.9	19	22	13	20	09		
10	80	49	65	10	43	54	0	0	HZ		0.0	0.00	30.03	30.22	11.2	21	11.6	30	19	23	22	10		
11	85	57	71	15	53	60	0	6			0.0	0.00	29.99	30.18	11.1	21	11.4	22	20	17	22	11		
12	81	56	69	12	55	61	0	4			0.0	0.00	30.01	30.21	1.6	16	5.9	20	20	15	20	12		
13	75	52	64	7	42	53	1	0	RA		0.0	T	30.14	30.33	5.4	06	7.5	24	04	18	04	13		
14	71	48	60	3	44	51	5	0			0.0	0.00	30.16	30.35	4.1	13	4.7	22	12	18	12	14		
15	85	53	69	12	55	60	0	4	TS TSRA RA		0.0	0.05	30.08	30.26	6.6	20	9.1	26	23	20	21	15		
16	87	60	74	16	55	63	0	9			0.0	0.00	29.91	30.09	13.6	23	13.9	35	24	26	24	16		
17	83	55	69	11	57	62	0	4	TS TSRA RA BR		0.0	0.14	29.85	30.05	2.3	28	7.6	33	29	24	34	17		
18	70	52	61	3	47	53	4	0			0.0	0.00	30.10	30.32	6.2	10	8.5	21	14	17	14	18		
19	67	50	59	1	53	55	6	0	RA		0.0	0.06	30.17	30.35	1.5	10	5.0	15	15	13	17	19		
20	83	58	71	12	60	63	0	6	TS TSRA RA BR		0.0	0.07	29.93	30.08	6.6	23	8.3	33	29	25	29	20		
21	87	63	75	16	63	67	0	10	TS TSRA RA		0.0	0.04	29.71	29.88	6.2	25	8.2	36	32	26	33	21		
22	68	52	60	1	59	60	5	0	TS TSRA RA BR		0.0	0.39	29.70	29.91	7.4	01	9.4	28	01	20	01	22		
23	58	51	55	-4	50	51	10	0	RA BR		0.0	0.15	29.89	30.08	6.7	03	7.4	18	03	14	02	23		
24	57	50	54	-6	53	53	11	0	RA DZ BR		0.0	0.29	29.79	29.96	12.9	04	13.0	27	05	20	05	24		
25	70	55	63	3	60	61	2	0	RA DZ BR		0.0	0.37	29.54	29.71	11.3	02	12.2	31	03	25	03	25		
26	77	58	68	8	59	61	0	3	DZ BR		0.0	0.02	29.58	29.78	1.5	29	6.0	17	33	13	27	26		
27	83	59	71	11	61	65	0	6	MIFG		0.0	0.00	29.65	29.85	9.4	20	9.8	27	20	21	21	27		
28	85	66	76	15	67	70	0	11	TS TSRA RA BR		0.0	0.14	29.81	30.02	6.5	20	7.0	23	20	15	22	28		
29	88*	73	81*	20	72	74	0	16	BR HZ		0.0	0.00	29.91	30.11	10.3	22	10.6	23	18	17	22	29		
30	86	70	78	17	67	71	0	13	BR		0.0	0.00	29.92	30.10	10.6	21	11.0	28	21	24	22	30		

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75.3	53.2	64.2	☼	52.1	57.8	3.7	3.2	< MONTHLY AVERAGES TOTALS >				T	2.28	29.83	30.03	3.0	22	9.3	< MONTHLY AVERAGES				
5.0	7.1	6.0		-----DEPARTURE FROM NORMAL ----->										-0.99	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3								
DEGREE DAYS								GREATEST 24-HR PRECIPITATION : 0.52 DATE : 22-23				SEA LEVEL PRESSURE				DATE TIME							
MONTHLY								GREATEST 24-HR SNOWFALL : T DATE : 06				MAXIMUM : 30.44				19 0815							
TOTAL DEPARTURE								GREATEST SNOW DEPTH : 0 DATE :				MINIMUM : 29.30				06 1154							
SEASON TO DATE								NUMBER OF -> DAYS WITH				MAXIMUM TEMP >= 90 : 0				MINIMUM TEMP <= 32 : 0				PRECIPITATION >= 0.01 INCH : 13			
TOTAL DEPARTURE								THUNDERSTORMS : 7				MAXIMUM TEMP <= 32 : 0				MINIMUM TEMP <= 0 : 0				PRECIPITATION >= 0.10 INCH : 8			
HEATING : 111 -129 3086 -606												HEAVY FOG : 0				SNOWFALL >= 1.0 INCH : 0							
COOLING : 97 161 105 63																							

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

RICHMOND, VA (KRIC)
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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				T	0.01	T	0.22	T			03	0.23	0.23		
04													04											04	0.00	0.00		
05													05											05	0.00	0.00		
06													06	0.11										06	0.33	0.33		
07													07											07	0.00	0.00		
08													08											08	0.00	0.00		
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			T										13											13	T	T		
14													14											14	0.00	0.00		
15													15						0.05	T				15	0.05	0.05		
16													16											16	0.00	0.00		
17													17	T	0.13	0.01	T	T	T	T	T	T		17	0.14	0.14		
18													18											18	0.00	0.00		
19													19						T	T				19	0.06	0.06		
20													20							0.02	0.05			20	0.07	0.07		
21													21							0.04	T			21	0.04	0.04		
22													22						0.02	T	0.01			22	0.39	0.39		
23													23						0.01	T	T	T		23	0.15	0.15		
24													24						0.01	T				24	0.29	0.29		
25													25						T	0.03	T			25	0.37	0.37		
26													26											26	0.02	0.02		
27													27											27	0.00	0.00		
28													28											28	0.14	0.14		
29													29											29	0.00	0.00		
30													30											30	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)	0.21	0.22	0.22	0.23	0.27	0.28	0.28	0.29	0.31	0.33	0.33	0.35
Ending Date	06	06	06	22	22	22	22	22	22	22	22	22
Ending Time (Hr/Min)	0848	0848	0848	1610	1617	1625	1625	1704	1729	1736	1736	1846

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	GL Glaze
VC In the Vicinity	UP Unkown Precipitation		

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

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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:

Date	VISIBILITY (MILES)	
	MINIMUM	MAXIMUM
01	10.00	10.00
02	10.00	10.00
03	2.00	10.00
04	10.00	10.00
05	10.00	10.00
06	5.00	10.00
07	10.00	10.00
08	10.00	10.00
09	10.00	10.00
10	5.00	10.00
11	7.00	10.00
12	10.00	10.00
13	9.00	10.00
14	10.00	10.00
15	6.00	10.00
16	10.00	10.00
17	6.00	10.00
18	10.00	10.00
19	9.00	10.00
20	5.00	10.00
21	10.00	10.00
22	0.75	10.00
23	4.00	10.00
24	1.00	7.00
25	0.75	10.00
26	0.75	10.00
27	10.00	10.00
28	3.00	10.00
29	5.00	10.00
30	5.00	10.00
AVGS	6.81	9.90
MINIMUM VISIBILITY (MILES)		
<= .25	<= 3.0	>= 7.0
0	6	16

OBSERVATIONS AT 3-HOURLY INTERVALS

RICHMOND, VA

APRIL 2017

KRIC

WBAN # 13740

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)	
					DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL						DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
SUNRISE: 0555 APR 01					SUNSET: 1832					SUNRISE: 0546 APR 07					SUNSET: 1837										
01	BKN	075	10.00		54	53	53	97	8	24	29.52	29.71	01	FEW	070	10.00		50	33	42	52	15	24	29.34	29.53
04	CLR	NC	10.00		53	47	50	80	10	25	29.54	29.73	04	SCT	070	10.00		48	31	41	52	16	25	29.34	29.52
07	BKN	055	10.00		53	49	51	86	8	03	29.66	29.85	07	BKN	085	10.00		47	30	40	52	14	25	29.41	29.59
10	FEW	035	10.00		60	49	54	67	6	32	29.71	29.90	10	BKN	100	10.00		52	27	41	38	22	27	29.44	29.64
13	BKN	040	10.00		67	50	58	55	10	32	29.72	29.91	13	OVC	070	10.00		53	25	41	34	25	31	29.48	29.67
16	SCT	060	10.00		68	46	56	45	18	34	29.74	29.93	16	OVC	060	10.00		50	28	41	43	21	30	29.53	29.72
19	FEW	055	10.00		59	44	51	58	14	03	29.83	30.02	19	BKN	300	10.00		49	28	40	44	7	32	29.60	29.80
22	CLR	NC	10.00		51	39	45	64	10	36	29.94	30.13	22	FEW	065	10.00		46	25	38	44	18	31	29.73	29.92
SUNRISE: 0554 APR 02					SUNSET: 1833					SUNRISE: 0545 APR 08					SUNSET: 1838										
01	CLR	NC	10.00		46	38	42	73	6	02	29.97	30.16	01	CLR	NC	10.00		42	25	35	51	3	26	29.76	29.95
04	CLR	NC	10.00		45	37	41	74	10	36	29.99	30.18	04	SCT	300	10.00		36	26	32	67	7	25	29.77	29.96
07	FEW	250	10.00		46	35	41	66	8	34	30.06	30.25	07	FEW	300	10.00		42	29	37	60	0	00	29.85	30.05
10	CLR	NC	10.00		53	35	45	51	7	35	30.09	30.28	10	FEW	300	10.00		54	21	41	28	8	33	29.87	30.06
13													13	FEW	300	10.00		63	25	46	24	11	28	29.82	30.01
16	BKN	300	10.00		64	33	49	32	3	VR	29.96	30.16	16	FEW	300	10.00		66	24	48	20	9	28	29.77	29.96
19													19	FEW	250	10.00		57	29	45	34	5	20	29.80	29.99
22													22	CLR	NC	10.00		50	32	42	50	8	04	29.88	30.07
SUNRISE: 0552 APR 03					SUNSET: 1834					SUNRISE: 0544 APR 09					SUNSET: 1839										
01	BKN	300	10.00		48	41	45	77	5	15	29.96	30.15	01	FEW	300	10.00		45	32	40	61	0	00	29.92	30.11
04													04	SCT	300	10.00		40	33	37	77	0	00	29.94	30.13
07	SCT	300	10.00		49	46	48	90	6	20	29.97	30.16	07	BKN	300	10.00		43	36	40	76	0	00	30.01	30.21
10	OVC	300	10.00		60	40	50	47	9	17	29.90	30.09	10	FEW	300	10.00		64	27	48	25	3	VR	30.05	30.24
13	OVC	300	10.00		66	42	54	42	9	17	29.81	30.00	13	FEW	300	10.00		69	29	50	22	6	22	30.02	30.21
16	OVC	300	10.00		69	49	58	49	13	14	29.69	29.88	16	SCT	300	10.00		73	31	53	21	7	21	29.96	30.16
19	OVC	036	10.00		66	59	62	78	16	14	29.60	29.80	19	FEW	300	10.00		66	32	50	28	5	19	29.97	30.16
22	OVC	300	10.00		64	62	63	93	16	16	29.50	29.70	22	FEW	300	10.00		56	36	47	47	6	14	30.01	30.20
SUNRISE: 0551 APR 04					SUNSET: 1834					SUNRISE: 0542 APR 10					SUNSET: 1840										
01													01	CLR	NC	10.00		53	41	47	64	9	18	30.01	30.20
04	BKN	030	10.00		65	61	63	87	11	21	29.45	29.64	04	SCT	300	10.00		53	41	47	64	10	20	30.03	30.22
07	BKN	027	10.00		65	60	62	84	14	22	29.47	29.66	07	SCT	300	10.00		55	42	49	62	10	22	30.09	30.28
10	SCT	032	10.00		73	58	64	59	17	24	29.47	29.66	10	FEW	300	10.00		71	43	56	36	14	22	30.10	30.29
13	BKN	070	10.00		78	54	64	43	17	22	29.47	29.65	13	SCT	300	10.00		79	43	59	28	17	23	30.04	30.23
16	SCT	250	10.00		81	52	64	37	18	23	29.47	29.65	16	OVC	300	10.00		79	43	59	28	13	21	29.98	30.17
19	SCT	250	10.00		76	52	62	43	10	23	29.52	29.71	19	BKN	300	10.00		68	44	55	42	8	19	29.99	30.19
22	SCT	300	10.00		69	52	59	55	7	23	29.58	29.77	22	OVC	300	10.00		62	46	54	56	8	18	30.03	30.22
SUNRISE: 0549 APR 05					SUNSET: 1835					SUNRISE: 0541 APR 11					SUNSET: 1841										
01	CLR	NC	10.00		60	52	56	75	3	17	29.62	29.81	01	FEW	300	10.00		62	51	56	67	14	20	30.01	30.20
04	CLR	NC	10.00		55	51	53	87	0	00	29.66	29.85	04	CLR	NC	10.00		60	52	56	75	11	22	30.02	30.21
07	FEW	300	10.00		56	53	54	90	0	00	29.74	29.93	07	BKN	300	10.00		60	53	56	78	11	20	30.05	30.24
10	BKN	300	10.00		74	46	59	37	0	00	29.75	29.94	10	BKN	300	10.00		73	55	62	53	15	21	30.04	30.23
13	OVC	300	10.00		77	49	61	37	10	17	29.71	29.90	13	BKN	300	10.00		82	54	65	38	11	23	29.99	30.18
16	OVC	300	10.00		75	51	61	43	16	13	29.66	29.85	16	FEW	300	7.00		83	51	64	33	11	18	29.93	30.12
19	OVC	300	10.00		69	51	59	53	14	14	29.64	29.84	19	FEW	300	10.00		73	52	61	48	10	20	29.93	30.12
22	OVC	300	10.00		63	50	56	63	10	12	29.56	29.75	22	CLR	NC	10.00		68	53	59	59	10	20	29.95	30.14
SUNRISE: 0548 APR 06					SUNSET: 1836					SUNRISE: 0539 APR 12					SUNSET: 1842										
01	OVC	250	10.00		60	53	56	78	7	12	29.49	29.68	01	CLR	NC	10.00		65	54	59	68	11	20	29.97	30.16
04	OVC	070	10.00		63	59	61	87	8	18	29.44	29.63	04	FEW	200	10.00		62	55	58	78	11	20	29.95	30.14
07	OVC	150	10.00		65	60	62	84	14	17	29.36	29.54	07	BKN	300	10.00		62	57	59	84	5	17	30.01	30.20
10	BKN	095	10.00		66	61	63	84	16	16	29.18	29.36	10	OVC	300	10.00		74	57	64	56	7	06	30.04	30.22
13	SCT	100	10.00		66	51	58	59	28	26	29.13	29.31	13	OVC	300	10.00		77	54	63	45	0	00	30.02	30.21
16	BKN	100	10.00		66	43	54	43	24	22	29.15	29.34	16	BKN	300	10.00		79	53	64	41	5	28	29.99	30.18
19	SCT	090	10.00		61	38	50	43	21	26	29.26	29.44	19	FEW	065	10.00		72	54	62	53	7	09	30.03	30.22
22	FEW	060	10.00		54	32	44	43	24	26	29.36	29.54	22	BKN	080	10.00		67	55	60	66	0	00	30.08	30.27

OBSERVATIONS AT 3-HOURLY INTERVALS

RICHMOND, VA

APRIL 2017

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: 0538 APR 13					SUNSET: 1843					SUNRISE: 0530 APR 19					SUNSET: 1848										
01	OVC	110	10.00		66	54	59	65	9	02	30.11	30.30	01	BKN	130	10.00		51	45	48	80	5	12	30.21	30.40
04	BKN	090	10.00		63	39	51	41	8	02	30.11	30.30	04	OVC	110	10.00	-RA	51	48	49	89	6	34	30.23	30.42
07	BKN	250	10.00		61	39	50	44	8	04	30.18	30.37	07	OVC	060	9.00	-RA	51	51	51	100	6	07	30.25	30.44
10	BKN	250	10.00		68	39	53	35	10	03	30.19	30.38	10	OVC	060	10.00		55	53	54	93	7	12	30.23	30.43
13	BKN	250	10.00		71	40	55	32	3	VR	30.15	30.34	13	OVC	250	10.00		63	53	57	70	6	11	30.16	30.35
16	BKN	250	10.00		73	39	55	29	3	VR	30.09	30.28	16	OVC	040	10.00		65	54	59	68	0	00	30.10	30.29
19	FEW	250	10.00		65	42	53	43	11	11	30.13	30.32	19	OVC	042	10.00		63	57	60	81	5	17	30.07	30.26
22	CLR	NC	10.00		56	46	51	70	5	16	30.17	30.36	22	OVC	030	10.00		63	57	60	81	6	27	30.07	30.26
SUNRISE: 0536 APR 14					SUNSET: 1844					SUNRISE: 0528 APR 20					SUNSET: 1849										
01	FEW	300	10.00		52	46	49	80	0	00	30.18	30.37	01	BKN	095	10.00		59	56	57	90	13	24	30.02	30.21
04	SCT	140	10.00		49	46	48	90	0	00	30.16	30.36	04	OVC	007	9.00		59	57	58	93	10	22	29.98	30.17
07	BKN	300	10.00		53	49	51	86	0	00	30.18	30.37	07	OVC	007	7.00		60	58	59	93	10	24	29.99	30.18
10	OVC	060	10.00		61	42	51	50	3	15	30.19	30.38	10	SCT	250	10.00		69	60	64	73	10	23	29.94	30.13
13	OVC	300	10.00		67	41	54	39	9	13	30.15	30.35	13	FEW	250	10.00		79	62	68	56	7	25	29.87	30.06
16	BKN	300	10.00		70	50	59	49	8	18	30.10	30.30	16	BKN	300	10.00		83	63	70	51	13	18	29.79	29.98
19	BKN	110	10.00		63	44	53	50	10	11	30.12	30.31	19	OVC	120	5.00	TSRA	72	60	65	66	20	29	29.83	30.01
22	SCT	110	10.00		56	37	47	49	7	12	30.17	30.36	22	OVC	150	10.00		66	64	65	93	6	15	29.80	29.98
SUNRISE: 0535 APR 15					SUNSET: 1844					SUNRISE: 0527 APR 21					SUNSET: 1850										
01	BKN	120	10.00		53	42	48	66	6	12	30.16	30.35	01	CLR	NC	10.00		64	63	63	96	5	19	29.75	29.94
04	OVC	090	10.00		55	44	50	67	5	10	30.14	30.34	04	FEW	300	10.00		65	62	63	90	10	23	29.71	29.90
07	BKN	060	10.00		58	48	53	70	8	14	30.16	30.35	07	SCT	300	10.00		68	63	65	84	9	27	29.74	29.93
10	FEW	300	10.00		69	57	62	66	3	25	30.14	30.33	10	BKN	300	10.00		78	63	68	60	10	25	29.73	29.92
13	BKN	300	10.00		80	60	67	51	10	23	30.05	30.24	13	SCT	120	10.00		84	61	69	46	9	30	29.69	29.88
16	SCT	300	10.00		84	59	68	43	14	23	29.96	30.15	16	SCT	120	10.00		86	61	70	43	9	23	29.62	29.80
19	OVC	150	6.00	-TSRA	71	63	66	76	8	34	29.97	30.16	19	OVC	250	10.00		76	63	68	64	25	32	29.66	29.85
22	SCT	120	10.00		70	59	63	68	10	21	30.00	30.19	22	SCT	130	10.00		68	67	67	96	6	15	29.66	29.85
SUNRISE: 0534 APR 16					SUNSET: 1845					SUNRISE: 0526 APR 22					SUNSET: 1851										
01	FEW	150	10.00		68	59	63	73	10	21	29.97	30.16	01	OVC	110	10.00		68	66	67	93	7	19	29.66	29.85
04	SCT	120	10.00		62	57	59	84	9	20	29.96	30.14	04	OVC	110	10.00		67	64	65	91	5	28	29.65	29.83
07	SCT	250	10.00		69	56	61	63	16	23	29.98	30.17	07	OVC	008	9.00	-RA	67	65	66	93	3	02	29.68	29.87
10	BKN	250	10.00		78	57	65	48	17	23	29.96	30.15	10	OVC	004	1.25	-RA BR	64	64	64	100	9	03	29.71	29.89
13	BKN	300	10.00		85	52	65	32	22	24	29.87	30.06	13	OVC	006	5.00	BR	61	60	60	97	14	01	29.71	29.90
16	BKN	300	10.00		85	51	65	31	18	24	29.81	30.00	16	OVC	005	0.75	+RA BR	57	56	56	96	15	35	29.71	29.90
19	SCT	080	10.00		80	53	64	39	13	22	29.81	30.00	19	OVC	025	5.00	-RA BR	54	53	53	97	13	01	29.77	29.96
22	FEW	140	10.00		74	55	63	52	13	22	29.85	30.04	22	OVC	015	10.00		53	52	52	96	9	36	29.83	30.02
SUNRISE: 0532 APR 17					SUNSET: 1846					SUNRISE: 0524 APR 23					SUNSET: 1852										
01	BKN	170	10.00		70	55	61	59	10	22	29.84	30.03	01	OVC	045	4.00	RA BR	52	51	51	97	5	34	29.86	30.05
04	SCT	090	10.00		66	53	59	63	9	22	29.82	30.01	04	OVC	008	8.00	-RA	51	51	51	100	8	35	29.86	30.05
07	SCT	095	10.00		68	54	60	61	9	23	29.85	30.03	07	OVC	012	6.00	BR	51	51	51	100	7	03	29.91	30.10
10	SCT	250	10.00		79	58	66	49	8	25	29.84	30.03	10	OVC	150	10.00		53	47	50	80	8	05	29.93	30.13
13	OVC	075	10.00	-RA	70	60	64	71	18	35	29.84	30.03	13	OVC	200	10.00		57	47	52	69	8	05	29.92	30.11
16	BKN	130	10.00		70	62	65	76	6	03	29.83	30.02	16	OVC	100	10.00	-RA	55	49	52	80	7	04	29.89	30.09
19	BKN	100	10.00	-RA	64	56	59	75	13	01	29.89	30.08	19	OVC	140	10.00		54	52	53	93	5	02	29.88	30.08
22	FEW	100	10.00		59	56	57	90	0	00	29.95	30.14	22	OVC	075	10.00		53	52	52	96	7	07	29.88	30.08
SUNRISE: 0531 APR 18					SUNSET: 1847					SUNRISE: 0523 APR 24					SUNSET: 1853										
01	BKN	110	10.00		55	55	55	100	3	33	29.98	30.17	01	OVC	024	2.50	-RA BR	52	50	51	93	8	03	29.85	30.04
04	BKN	200	10.00		56	55	55	97	3	35	30.01	30.20	04	OVC	006	4.00	BR	51	50	50	96	10	03	29.81	30.00
07	OVC	300	10.00		57	54	55	90	9	04	30.09	30.29	07	OVC	005	1.00	-DZ BR	51	50	50	96	11	03	29.82	30.01
10	BKN	250	10.00		65	48	56	54	10	07	30.17	30.36	10	OVC	007	4.00	BR	53	52	52	96	13	04	29.81	30.00
13	BKN	250	10.00		69	46	57	44	10	12	30.15	30.34	13	OVC	007	6.00	-DZ BR	55	54	54	96	14	04	29.78	29.97
16	BKN	250	10.00		67	44	55	44	17	14	30.14	30.33	16	OVC	006	2.00	-RA BR	57	56	56	96	18	03	29.72	29.91
19	BKN	250	10.00		58	40	49	51	10	12	30.19	30.38	19	OVC	006	3.00	-RA BR	54	53	53	97	17	04	29.72	29.91
22	SCT	250	10.00		52	41	47	66	7	13	30.22	30.41	22	OVC	005	7.00		55	55	55	100	17	05	29.71	29.90

OBSERVATIONS AT 3-HOURLY INTERVALS

RICHMOND, VA

APRIL 2017

KRIC

WBAN # 13740

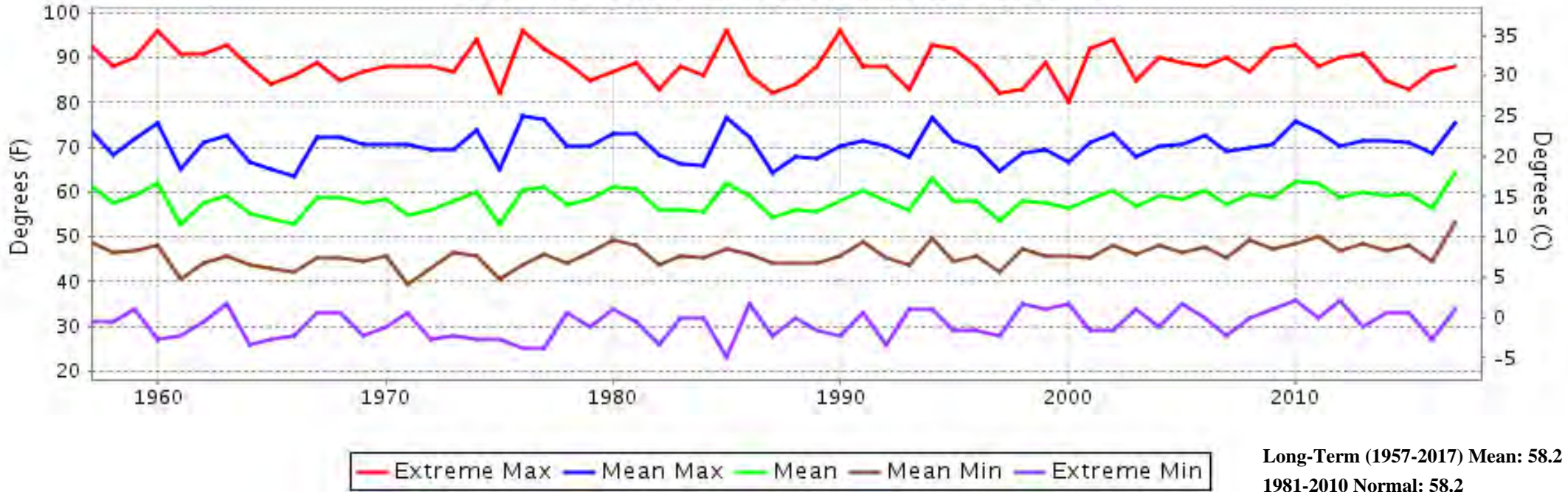
HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
					DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
SUNRISE: 0522					APR 25			SUNSET: 1854				
01	OVC	002	1.00	-DZ BR	55	55	55	100	13	04	29.65	29.84
04	OVC	006	10.00		58	57	57	97	13	04	29.57	29.76
07	OVC	006	2.50	-RA BR	59	58	58	96	16	03	29.52	29.72
10	OVC	007	0.75	-RA BR	62	61	61	96	18	04	29.48	29.67
13	OVC	006	4.00	BR	65	64	64	97	8	04	29.48	29.67
16	OVC	100	9.00		67	64	65	91	10	36	29.47	29.66
19	OVC	023	10.00		63	61	62	93	11	02	29.49	29.68
22	OVC	005	8.00		60	60	60	100	11	34	29.53	29.72
SUNRISE: 0521					APR 26			SUNSET: 1854				
01	OVC	005	9.00		59	58	58	96	10	33	29.52	29.71
04	OVC	004	1.00	-DZ BR	58	58	58	100	6	31	29.52	29.72
07	OVC	032	2.00	-DZ BR	59	58	58	96	6	30	29.59	29.78
10	BKN	032	10.00		65	59	61	81	7	33	29.62	29.81
13	BKN	032	10.00		71	58	63	63	7	19	29.60	29.79
16	SCT	300	10.00		76	58	65	54	7	23	29.59	29.78
19	FEW	300	10.00		71	60	64	68	5	14	29.61	29.80
22	CLR	NC	10.00		63	60	61	90	6	13	29.65	29.84
SUNRISE: 0519					APR 27			SUNSET: 1855				
01	CLR	NC	10.00		61	60	60	97	5	13	29.64	29.83
04	CLR	NC	10.00		61	61	61	100	0	00	29.63	29.82
07	FEW	300	10.00		65	64	64	97	9	20	29.67	29.86
10	BKN	300	10.00		77	64	69	64	14	19	29.70	29.89
13	BKN	300	10.00		81	64	70	57	11	18	29.64	29.83
16	BKN	300	10.00		82	60	68	47	17	20	29.62	29.81
19	OVC	300	10.00		75	60	66	60	8	19	29.65	29.83
22	OVC	300	10.00		73	59	64	62	11	21	29.70	29.89
SUNRISE: 0518					APR 28			SUNSET: 1856				
01	BKN	055	3.00	-TSRA BR	68	64	66	87	11	22	29.72	29.91
04	BKN	100	9.00		67	66	66	97	5	20	29.75	29.94
07	FEW	110	9.00		69	67	68	93	3	21	29.83	30.01
10	SCT	019	10.00		76	68	71	77	5	22	29.87	30.06
13	BKN	250	10.00		83	66	72	57	8	21	29.86	30.05
16	SCT	300	10.00		85	63	71	48	11	20	29.83	30.02
19	FEW	300	10.00		78	67	71	69	6	18	29.84	30.02
22	SCT	300	10.00		75	69	71	82	7	15	29.87	30.06
SUNRISE: 0517					APR 29			SUNSET: 1857				
01	SCT	300	9.00		75	72	73	90	13	20	29.86	30.05
04	SCT	300	7.00		73	72	72	96	10	21	29.91	30.10
07	OVC	300	6.00	BR	75	72	73	90	13	21	29.95	30.14
10	BKN	300	8.00		80	72	75	76	14	23	29.97	30.16
13	BKN	300	10.00		87	73	77	63	9	23	29.92	30.10
16	OVC	300	10.00		88	72	77	59	14	22	29.88	30.07
19	BKN	300	10.00		84	71	75	65	11	24	29.89	30.08
22	SCT	300	9.00		74	71	72	91	7	19	29.93	30.12
SUNRISE: 0516					APR 30			SUNSET: 1858				
01	FEW	300	8.00		72	70	71	94	7	19	29.92	30.10
04	SCT	300	8.00		71	70	70	96	5	21	29.92	30.11
07	SCT	250	8.00		73	71	72	94	11	22	29.97	30.15
10	BKN	250	10.00		80	68	72	67	14	21	29.96	30.15
13	FEW	250	10.00		86	65	72	49	16	23	29.93	30.11
16	SCT	300	10.00		86	63	71	46	13	22	29.89	30.08
19	BKN	300	10.00		78	65	70	64	9	19	29.87	30.06
22	BKN	090	10.00		75	67	70	76	7	17	29.87	30.06

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

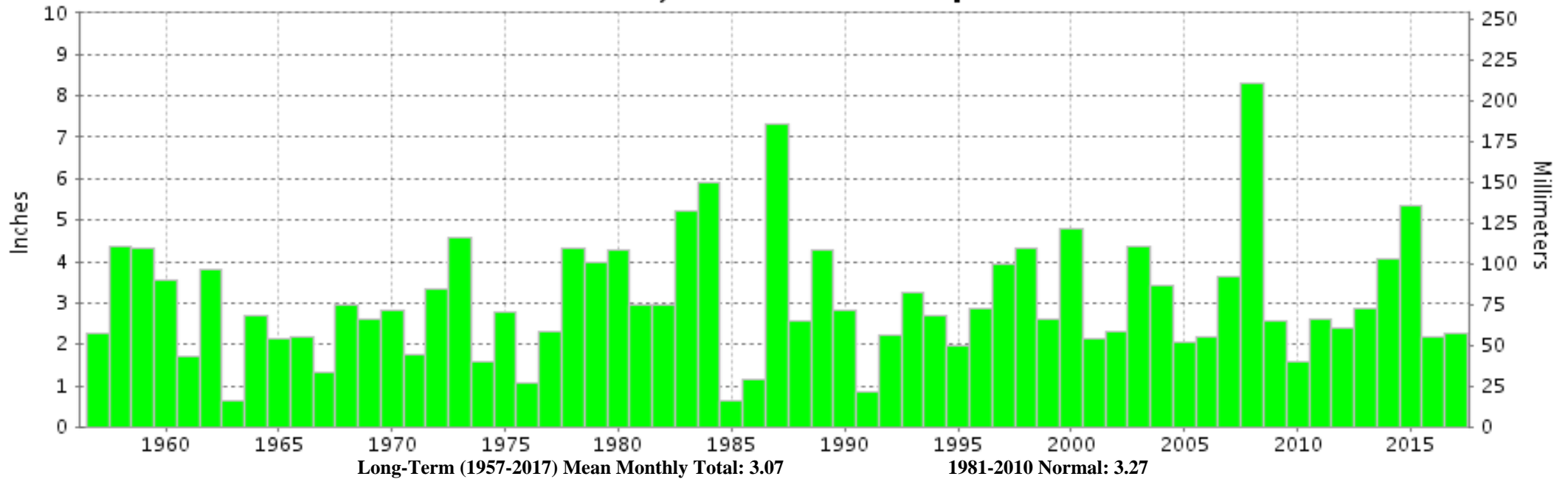
3-HOURLY OBSERVATION NOTES
Sky Cover is the amount of the sky obscured. CLR or SKC = 0, FEW = 1/8-2/8, SCT = 3/8-4/8, BKN = 5/8-7/8, OVC = 8/8, W = Vertical Visibility = 8/8
Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.
& = Original observation contained additional weather elements.
See page 3 for additional notes.

HOUR (LST)	AVERAGES								RESULTANT WIND (MPH)	
	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		VISIBILITY (Miles)	WIND SPEED (MPH)	SPEED	DIRECTION
					STATION	SEA LEVEL				
01	58	52	55	80	29.84	30.03	8.84	8	3	21
02	58	51	54	81	29.84	30.03	9.24	8	3	22
03	58	52	55	82	29.82	30.01	9.19	8	4	22
04	57	52	55	83	29.82	30.01	9.17	7	4	23
05	57	51	54	84	29.83	30.03	8.81	8	4	23
06	56	51	54	85	29.85	30.04	8.43	7	3	21
07	59	53	55	82	29.87	30.06	8.65	8	3	22
08	61	52	57	74	29.87	30.06	8.93	10	3	22
09	64	52	58	67	29.87	30.06	8.83	10	3	23
10	67	52	59	62	29.87	30.06	9.13	10	3	22
11	69	52	59	58	29.86	30.05	9.33	10	4	22
12	71	52	60	54	29.84	30.03	9.38	11	4	23
13	72	52	61	52	29.83	30.02	9.48	11	5	24
14	73	52	61	51	29.81	30.00	9.52	11	4	23
15	74	51	61	49	29.80	29.98	9.66	11	6	24
16	73	51	61	50	29.80	29.99	9.29	12	4	23
17	72	51	60	51	29.80	29.99	9.63	11	3	22
18	70	52	60	56	29.80	29.99	9.59	11	3	21
19	67	52	59	61	29.81	30.00	9.28	11	2	19
20	64	52	57	67	29.84	30.03	9.30	8	2	17
21	63	52	57	71	29.84	30.03	9.48	8	3	16
22	62	52	57	72	29.84	30.03	9.79	9	2	18
23	60	52	56	75	29.85	30.04	9.80	7	2	18
24	60	52	56	78	29.84	30.03	9.42	8	3	20

RICHMOND, VA APRIL Temperatures



RICHMOND, VA APRIL Precipitation





APRIL 2017
RICHMOND, VA

LOCAL CLIMATOLOGICAL DATA

NOAA, National Centers for Environmental Information

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 Centers for Environmental Information (NCEI), Asheville, North Carolina 28801.

A handwritten signature in black ink that reads "Margarita Jee SS".

DIRECTOR (ACTING)

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