

# LOCAL CLIMATOLOGICAL DATA

RICHMOND, VIRGINIA (Byrd Field)

MARCH 1955

Latitude 37° 30' N.

Longitude 77° 20' W.

Elevation (ground)

162 ft.

Eastern Standard time used

Date	Temperature (°F)			Precipitation (Total (Water equivalent) (In.))	Snow, Sleet, Hail or Ice on ground at 7:30 AM (In.)	Wind			Sunshine (Total hours and minutes)	Sky cover (Percent of possible)	Sunrise to sunset (tenths)	Midnight to midnight (tenths)	Thunderstorm or distant lightning	Weather restricting visibility to 1/4 mile or less	James River Stage at 8:00AM	21	22	23	Date		
	Maximum	Minimum	Average			Prevailing direction	Average speed (m. p. h.)	Fastest mile Speed (m. p. h.)												Direction	
1	71	52	62	+19	3	.15	0	0	SW	10.5	20	NW	5:22	47	8	6				2.0	1
2	68	39	54	+10	11	0	0	0	W	7.8	22	W	11:26	100	0	0				3.2	2
3	57	34	46	+2	19	.24	0	0	SE	8.1	22	SE	5:02	44	9	8				3.2	3
4	77	53	65	+21	0	.11	0	0	SW	11.3	21	NW	8:03	70	8	9	T, DL			3.2	4
5	70	50	60	+15	5	.94	0	0	ESE	8.0	17	S	6:51	57	7	9	T			2.5	5
6	62	39	51	+6	14	.21	0	0	S	7.8	18	NW	0:00	0	10	10		F, L		3.0	6
7	48	29	39	-6	26	0	0	0	WNW	9.7	20	W	11:57	100	3	3				7.0	7
8	51	23	37	-9	32	0	0	0	WSW	8.5	16	W	11:28	98	4	3				11.0	8
9	72	40	56	+10	9	0	0	0	SW	13.2	26	SW	11:12	96	4	4				12.2*	9
10	75	48	62	+16	3	0	0	0	SSW	11.6	19	SW	10:48	92	7	5				4.5	10
11	70	56	63	+16	2	.18	0	0	SSW	12.9	29	SW	5:52	47	8	6				2.5	11
12	68	51	60	+13	5	.02	0	0	S	4.3	8	S	4:59	39	9	7	T			2.3	12
13	68	51	60	+13	5	0	0	0	NNE	7.7	15	NW	10:09	86	6	7		F		2.3	13
14	62	45	54	+7	11	0	0	0	SE	8.9	15	SE	6:56	58	6	8				2.0	14
15	59	43	51	+3	14	.09	0	0	SW	6.7	14	SW	0:57	8	10	10				2.0	15
16	69	50	60	+12	5	.02	0	0	SW	12.5	26	NW	3:40	31	10	8	DL			2.0	16
17	56	36	46	-2	19	T	0	0	E	7.8	14	SE	10:26	87	8	7				1.8	17
18	53	40	47	-1	18	.20	0	0	SE	7.7	13	NW	1:13	10	10	8				1.8	18
19	43	36	40	-9	26	T	0	0	SE	4.9	11	SE	0:00	0	10	9				2.0	19
20	59	39	49	0	16	0	0	0	NE	6.4	10	SE	7:10	59	8	8				2.0	20
21	56	40	48	-1	17	.08	0	0	E	5.1	15	E	0:06	1	10	10				2.2	21
22	80	39	60	+11	5	.38	0	0	WSW	19.1	37	SW	7:54	65	7	7				2.0	22
23	61	35	47	-3	18	0	0	0	WSW	12.2	23	SW	12:14	100	0	0				2.4	23
24	70	39	55	+5	10	T	0	0	WSW	10.8	22	NW	11:04	90	1	1				3.5	24
25	47	40	44	-6	21	.02	0	0	NE	8.2	16	NE	0:00	0	10	8				4.8#	25
26	65	24	45	-5	20	.02	0	0	W	12.8	38	NW	3:49	31	9	7				5.0	26
27	45	21	33	-18	32	0	0	0	W	15.4	28	SW	12:24	100	0	0				2.2	27
28	52	24	38	-13	27	0	0	0	WSW	10.1	19	W	12:16	99	5	5				1.8	28
29	48	29	39	-12	26	0	0	0	NW	9.1	21	NW	11:24	91	6	5				1.8	29
30	60	31	46	-5	19	0	0	0	NW	7.2	14	NW	12:52	100	0	0				1.5	30
31	65	31	48	-4	17	0	0	0	NE	4.8	13	N	12:53	100	0	0				1.5	31
Sum 1906	1206					2.66	0			290.1			228:26		193	178				99.2	Sum
Avg. 61.5	38.9									9.4	Fastest	Dir.	Possible	%	6.2	5.7				3.2	Avg.
										Misc.	38	NW	370:58	62							Misc.

T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure.

**TEMPERATURE: (°F)**  
 Average monthly 50.2  
 Departure from normal + 2.7  
 Highest 80 on 22nd  
 Lowest 21 on 27th  
 Number of days with -  
 Max. 32° or below 0  
 Max. 90° or above 0  
 Min. 32° or below 8  
 Min. 0° or below 0

**HEATING DEGREE DAYS (base 65°):**  
 Total this month 460  
 Departure from normal - 100  
 Seasonal total (since July 1) 3660  
 Seasonal departure from normal + 32

**PRECIPITATION: (In.)**  
 Total for the month 2.66  
 Departure from normal - .76  
 Greatest in 24 hours 1.04 on 4-5th  
 Snow, Sleet and Hail -  
 Total for the month 0  
 Greatest in 24 hours 0 on -  
 Greatest depth on ground 0 on -  
 Dates of - Hail none  
 Sleet none Glaze none

**BAROMETRIC PRESSURE (In.)**  
 Avg. station (elev. 184 feet, m.s.l.) 29.819  
 Highest sea level 30.36 on 20th  
 Lowest sea level 29.25 on 22nd

**Symbols used in columns 18-19**  
 A - Hail  
 BS - Blowing snow  
 DL - Distant lightning  
 D - Dust  
 E - Sleet  
 F - Fog  
 H - Haze  
 K - Smokes  
 L - Drizzle  
 N - Sand  
 R - Rain  
 S - Snow  
 T - Thunderstorm  
 ZL - Freezing drizzle  
 ZR - Freezing rain

\* When this elevation differs from the present station elevation this level was selected to permit comparison of data for a longer period of homogeneous record.

No excessive precipitation. Noteworthy was the severe cold wave which prevailed from the night of the 26th through the 28th, establishing new minima extremes for 27th and 28th. However the mean temperature for the month was the highest of any March since 1948 when the mean was 51.4. There were two light freshets in the James River, but no damage resulted.

## HOURLY PRECIPITATION (In.)

Date	A. M. Hour ending at												P. M. Hour ending at												Date
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									1
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31																									31

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