

# U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

## LOCAL CLIMATOLOGICAL DATA

RICHMOND, VIRGINIA (Byrd Field)

JANUARY 1958

Latitude 37 ° 30 ' N.

Longitude 77 ° 20 ' W.

Elevation (ground)

162 ft.

EASTERN Standard time used

Date	Temperature (°F)					Precipitation		Snow, Sleet, or Ice on ground at 7:00AM (In.)	Wind			Sunshine		Sky cover			Thunderstorm or distant lightning	Weather restricting visibility to ¼ mile or less	Stage James River at 8:00AM (Feet)	Date			
	Maximum	Minimum	Average	Departure from normal	Degree days (base 65°)	Total (Water equivalent) (In.)	Snow, Sleet (In.)		Prevailing direction	Average speed (m. p. h.)	Fastest mile	Total (hours and minutes)	Percent of possible	Sunrise to sunset (tenths)	Midnight to midnight (tenths)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	48	29	39	+1	26	.03	0	0	SW	7.1	14	NW	0:00	0	10	8			0.7				1
2	34	19	27	-11	38	0	0	0	W	6.6	12	NW	9:37	100	1	0			0.1				2
3	37	16	26	-12	39	0	0	0	N	6.6	15	NW	9:29	98	4	2			-1.1				3
4	29	17	23	-15	42	0	0	0	NW	10.5	19	NW	9:36	100	0	0			-0.5				4
5	34	15	25	-13	40	0	0	0	NW	6.6	11	NW	9:39	100	0	1			-0.4				5
6	47	20	34	-4	31	0	0	0	S	9.1	13	S	9:40	100	1	6			0.2				6
7	36	24	30	-8	35	.36	3.7	0	NW	8.3	17	NW	0:00	0	10	8			1.3				7
8	34	14	24	-14	41	0	0	3	W	8.5	14	NW	9:43	100	2	2			1.6				8
9	35	11	23	-16	42	0	0	2	NW	6.2	15	NW	9:44	100	0	1			2.5				9
10	60	8	29	-9	36	0	0	2	SSW	7.4	12	SW	6:50	70	6	4			2.4				10
11	51	27	39	0	26	0	0	1	WSW	8.2	15	NW	9:46	100	0	0			2.2				11
12	38	22	30	-9	35	0	0	0	NE	7.4	15	NE	9:47	100	1	1			1.9				12
13	36	17	27	-12	38	.08	0	T	N	4.5	11	NE	0:00	0	10	7			1.4				13
14	54	34	44	+5	21	.76	0	0	W	10.8	25	NE	0:00	0	10	10			1.6				14
15	46	36	41	+2	24	.05	0	0	NW	4.5	8	N	0:00	0	10	9			1.8				15
16	40	35	38	-1	27	.04	T	0	NW	8.7	19	NW	0:00	0	10	9			2.0				16
17	43	26	35	-4	30	0	0	0	W	8.7	21	W	9:54	100	0	1			1.9				17
18	41	27	34	-5	31	0	0	0	WNW	11.9	30	NW	5:50	59	5	4			1.4				18
19	41	18	30	-9	35	0	0	0	NW	7.5	17	NW	9:58	100	1	1			0.9				19
20	47	18	33	-6	32	0	0	0	SSE	5.8	12	S	9:59	100	5	4			1.2				20
21	59	34	47	+8	18	.35	0	0	SE	10.4	20	SE	0:00	0	10	10			1.9				21
22	59	33	46	+8	19	T	0	0	W	13.1	23	SW	3:55	39	6	4			2.2				22
23	50	27	39	+1	26	0	0	0	SW	4.3	7	W	6:47	67	5	4			3.0				23
24	47	28	38	0	27	.54	T	0	N	11.5	37	E	0:00	0	10	9			2.5				24
25	51	32	42	+4	23	.73	0	0	W	9.2	39	E	4:15	42	8	6	DL		5.0				25
26	50	32	41	+3	24	0	0	0	WSW	5.0	9	NE	5:52	58	7	6			5.4				26
27	54	26	40	+1	25	T	0	0	W	4.6	11	NW	7:25	73	3	4			5.3				27
28	45	31	38	-1	27	T	0	0	W	7.7	17	NW	6:24	63	4	4			4.0				28
29	47	25	36	-5	29	0	0	0	SW	5.5	12	S	6:27	63	6	6			3.0				29
30	46	29	38	-1	27	0	0	0	SW	5.9	9	SW	4:38	45	6	4		F	2.7				30
31	58	33	43	+3	22	.02	0	0	SW	8.2	13	SW	0:00	0	10	7			2.8				31
Sum	1380	762				2.96	3.7			240.3			175:20		161	142			60.9				Sum
Avg	44.5	24.6								7.8	Fastest				57	5.2	4.6			2.0			Avg
										Misc.	39	Dir.	Possible	%									Misc.
												E	307:03	57									

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

<b>TEMPERATURE: (°F)</b> Average monthly 34.6 Departure from normal -3.7 Highest 59 on 21st, 22nd Lowest 8 on 10th Number of days with — Max. 32° or below 1 Max. 90° or above 0 Min. 32° or below 26 Min. 0° or below 0	<b>HEATING DEGREE DAYS (base 65°):</b> Total this month 936 Departure from normal +108 Seasonal total (since July 1) 2411 Seasonal departure from normal +51	<b>PRECIPITATION: (In.)</b> Total for the month 2.96 Departure from normal -.68 Greatest in 24 hours 1.27 on 24, 26 Snow, Sleet— Total for the month 3.7 Greatest in 24 hours 3.7 on 7th Greatest depth on ground 4 on 7th Dates of — Hail None Sleet 7, 24 Glaze None
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**Symbols used in columns 18-19**

A = Hail	L = Drizzle
BS = Blowing snow	N = Sand
DL = Distant lightning	R = Rain
D = Dust	S = Snow
E = Sleet	T = Thunderstorm
F = Fog	ZL = Freezing drizzle
H = Haze	ZR = Freezing rain
K = Smoke	

\*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.

**Excessive Precipitation**

Period, minutes	5	10	15	20	30	45	60	80	100	120	160	180
Jan 25 Amounts	.20	.30	.36	.39	.56	.62	.71	.75	.73	.73	.73	.73

### 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
2																									2
3																									3
4																									4
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