

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU  
**LOCAL CLIMATOLOGICAL DATA**

RICHMOND, VA. (Byrd Field)

OCTOBER 1953

Latitude 37° 30' N.

Longitude 77° 20' W.

Elevation (ground) 162 ft.

Eastern

Standard time used

Date	Temperature (°F)				Precipitation		Snow, Sleet, Hail or Ice on ground at 7:30 AM (In.)	Wind			Sunshine		Sky cover		Thunderstorm or distant lightning	Weather restricting visibility to 1/4 mile or less	James River stage at 8:00AM	Date
	Maximum	Minimum	Average	Departure from normal	Degree days (base 65°)	Total (Water equivalent) (In.)		Snow, Sleet, Hail (In.)	Prevailing direction	Average speed (m. p. h.)	Fastest mile Speed (m. p. h.)	Direction	Total (hours and-minutes)	Percent of possible				
1	82	62	72	+7	0	0	0	NNE	6.4	15	NE	7:11	61	5	3			1
2	78	52	65	0	0	0	0	NE	7.4	14	NE	11:46	100	0	0			2
3	77	52	65	0	0	0	0	N	6.0	14	NE	11:44	100	0	0			3
4	60	53	67	+	0	0	0	NW	4.2	8	SE	8:25	72	7	4			4
5	79	54	67	+	0	0	0	E	4.3	13	SE	8:27	72	6	5			5
6	72	50	61	+	4	0	0	NNW	5.8	15	NW	0:54	8	10	5			6
7	64	41	53	10	12	0	0	NNW	5.3	17	NW	11:23	98	1	0			7
8	64	35	50	12	15	0	0	N	4.4	11	NE	11:33	100	1	2			8
9	66	36	51	11	14	0	0	S	3.9	9	SE	9:18	81	7	4			9
10	70	45	58	+	7	0	0	NNE	7.5	14	N	9:53	86	2	1			10
11	74	41	56	+	7	0	0	SE	6.6	13	SE	11:25	100	0	0			11
12	73	52	63	+	2	0	0	NNE	8.1	15	NE	10:37	93	2	2			12
13	67	46	57	+	2	0	0	NNE	9.0	17	SE	11:09	98	1	1			13
14	69	45	57	+	3	0	0	NNE	4.6	9	SE	11:19	100	3	2			14
15	80	45	63	+	4	2	0	SSW	4.8	7	SW	11:06	98	0	0			15
16	82	50	66	+	7	0	0	W	4.8	10	NE	10:52	97	0	0			16
17	77	51	64	+	5	1	0	E	4.0	8	SE	7:30	67	4	2			17
18	78	47	63	+	5	2	0	SE	5.0	13	SE	5:51	52	5	6			18
19	84	54	69	+	11	0	0	SE	5.8	10	SE	9:25	85	2	3			19
20	85	51	68	+	10	0	0	NNW	4.9	10	NE	10:53	96	2	1			20
21	76	52	64	+	7	1	0	NNE	9.0	17	NE	9:52	89	0	2			21
22	64	48	56	1	9	0	0	NNE	10.3	24	NE	8:55	81	4	4			22
23	75	48	62	+	6	3	0	NW	7.5	17	NW	10:58	100	1	2			23
24	74	42	58	+	2	7	0	NNE	5.6	19	NW	2:44	25	3	5			24
25	69	44	57	+	1	8	0	NW	6.0	14	NW	8:50	81	1	1			25
26	73	41	57	+	2	8	0	SSE	4.9	13	S	10:51	100	1	1			26
27	69	49	59	+	4	6	.01	SE	7.9	18	SE	0:00	0	10	8			27
28	79	59	69	+	14	0	.21	SSE	8.8	16	S	3:57	37	9	9			28
29	60	51	56	+	2	9	1.31	WNW	9.8	21	W	0:00	0	10	10			29
30	66	44	55	+	1	10	0	NNW	7.7	18	NW	10:38	99	1	2			30
31	71	41	56	+	2	9	0	NNW	5.5	9	NW	10:40	100	0	0			31
Sum	2277	1481				2.16	0		198.8			268:06		103	89			Sum
Avg	73.5	47.8							6.4	Fastest	Dir.	Possible	%	3.3	2.9			Avg.
									Misc	24	NE	348:23	77					Misc.

T in columns 7, 8, and 9 indicates amount too small to measure.

<b>TEMPERATURE: (°F)</b> Average monthly 60.7 Departure from normal +1.9 Highest 85 on 20th Lowest 35 on 8th Number of days with - Max. 32° or below 0 Max. 90° or above 0 Min. 32° or below 0 Min. 0° or below 0	<b>HEATING DEGREE DAYS (base 65°):</b> Total this month 152 Departure from normal -58 Seasonal total (since July 1) 180 Seasonal departure from normal -63	<b>PRECIPITATION: (In.)</b> Total for the month 2.16 Departure from normal -0.45 Greatest in 24 hours 1.97 on 29-29th Snow, Sleet and Hail - Total for the month 0 Greatest in 24 hours 0 on - Greatest depth on ground 0 on - Dates of - Hail 0 Sleet 0 Glaze 0	<b>BAROMETRIC PRESSURE (In.)</b> Avg. station (elev. 164 feet, m.s.l.) 29.905 Highest sea level 30.44 on 14th Lowest sea level 29.44 on 29th	<b>Symbols used in columns 18-19</b> A - Hail BS - Blowing snow DL - Distant lightning D - Dust F - Fog H - Haze K - Smoke L - Drizzle N - Sand R - Rain S - Snow T - Thunderstorm ZL - Freezing drizzle ZR - Freezing rain
--	--	--	---	---

No excessive precipitation

Errata Sept. 1953: Heating Degree Days, Monthly and Seasonal Departure should be - 10.

**HOURLY PRECIPITATION**

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
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29	.04	.01	.01			.25	.53	.33	.02	.09	.11	.01	.13	.15	.08	T	.04	T	.01	.05	T	.11	T	T	29
30																									30
31																									31

Subscription Price: 50 cents per year including annual summary if published. Separate copies, monthly 5 cents each, annuals 10 cents each. Checks and money orders should be made payable to the Treasurer of the United States. Remittances and correspondence

regarding subscriptions should be sent to the Supt. of Documents, Government Printing Office, Washington 25, D. C.  
 W.R.P.C., Chattanooga, Tenn. --- 11/4/53 --- 200