

# U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

## LOCAL CLIMATOLOGICAL DATA

RICHMOND, VA., (Byrd Field)

JULY 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		Total (hours and minutes)	Percent of possible	Sunrise to sunset (tenths)	Midnight to midnight (tenths)					
											Speed (m. p. h.)	Direction									
1	95	71	83	+6	0	0	0	0	W	5.0	13	W	10:27	71	6	5	DL			1	
2	100	72	86	+3	0	0	0	0	SW	9.5	21	SW	11:39	76	2	4				2	
3	98	76	87	+10	0	.29	0	0	SW	6.9	17	NE	8:34	58	5	6	T,DL			3	
4	97	73	80	+2	0	0	0	0	E	8.2	16	NE	11:51	51	6	6				4	
5	97	70	79	+2	0	.69	0	0	E	4.9	12	SW	7:29	51	8	6	T,DL	F		5	
6	92	70	81	+4	0	.07	0	0	SSW	9.0	21	S	7:37	52	8	7	T,DL			6	
7	90	74	82	+4	0	0	0	0	WSW	6.7	19	SE	10:34	72	7	7	T,DL			7	
8	86	73	80	+2	0	.02	0	0	S	5.5	16	SW	1:42	12	8	7	DL			8	
9	86	63	75	-13	0	.02	0	0	NE	6.5	26	NE	8:31	58	6	4				9	
10	81	63	72	-18	0	0	0	0	ESE	8.6	16	NE	7:53	54	6	4				10	
11	82	58	70	-12	0	0	0	0	E	7.0	16	NE	11:50	81	5	3				11	
12	83	56	70	-12	0	0	0	0	NE	9.7	21	NE	13:53	95	3	2				12	
13	83	56	70	-12	0	0	0	0	E	8.7	19	SE	13:27	92	4	3				13	
14	87	59	73	-8	0	0	0	0	NNE	11.2	23	NE	14:17	98	2	1				14	
15	91	61	76	-2	0	0	0	0	NNW	6.3	10	NE	14:31	100	0	0				15	
16	97	68	83	+5	0	0	0	0	SSE	6.1	13	S	14:30	100	3	2				16	
17	98	72	85	+7	0	0	0	0	SW	5.5	9	SE	13:23	93	3	3				17	
18	99	72	86	+8	0	0	0	0	SSW	6.8	17	SW	14:28	100	4	4				18	
19	94	72	83	+5	0	0	0	0	SW	6.3	14	SW	12:23	86	8	7	T,DL			19	
20	94	70	82	+4	0	.05	0	0	N	5.8	18	NE	12:20	86	6	6	T,DL			20	
21	98	70	84	+6	0	.03	0	0	SE	5.2	18	S	10:15	71	5	5				21	
22	97	73	85	+7	0	.44	0	0	SSW	9.4	23	S	10:03	70	6	7	T,DL			22	
23	88	73	81	+3	0	.04	0	0	W	9.0	20	NW	10:08	71	8	7				23	
24	92	66	79	+1	0	0	0	0	WNW	6.0	12	NE	14:19	100	2	2				24	
25	84	64	74	-4	0	0	0	0	NE	9.3	17	NE	14:17	100	1	1				25	
26	89	60	75	-3	0	0	0	0	NNE	6.9	12	SE	14:15	100	0	0				26	
27	96	66	81	+3	0	0	0	0	S	6.5	13	SE	10:38	75	7	6		F		27	
28	94	68	81	+3	0	0	0	0	NNE	6.9	17	NE	13:58	98	1	1				28	
29	100	69	85	+7	0	0	0	0	SE	6.6	16	E	9:55	70	7	7	DL	F		29	
30	103	76	90	+12	0	0	0	0	SW	7.4	14	N	12:14	87	5	6				30	
31	96	72	84	+5	0	.39	0	0	NE	4.8	16	NE	6:27	47	6	7	T,DL			31	
Sum	2247	2106				2.04	0			222.2			347:58		148	136				Sum	
Avg	72.8	67.9								7.2			448:35		4.8	4.4				Avg	
T in columns 7, 8, and 9 indicates amount too small to measure.																					
Misc. 26 NE 448:35 78 4.8 4.4 0.4 Misc.																					

**TEMPERATURE: (°F)**  
 Average monthly 79.9  
 Departure from normal +2.4  
 Highest 103 on 30th  
 Lowest 56 on 12th, 13th  
 Number of days with -  
 Max. 32° or below 0  
 Max. 90° or above 19  
 Min. 32° or below 0  
 Min. 0° or below 0

**HEATING DEGREE DAYS (base 65°):**  
 Total this month 0  
 Departure from normal 0  
 Seasonal total (since July 1) 0  
 Seasonal departure from normal 0

**PRECIPITATION: (In.)**  
 Total for the month 2.04  
 Departure from normal -3.60  
 Greatest in 24 hours 0.70 on 5-6th  
 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

**BAROMETRIC PRESSURE (In.)**  
 Avg. station (elev. 164 feet, m.s.l.) 29.361  
 Highest sea level 30.34 on 26th  
 Lowest sea level 29.72 on 23rd

**EXCESSIVE PRECIPITATION**  
 Period, minutes 5 10 15 20 30 45 60 80 100 120 150 180  
 July 22, amounts .25 .34 .36 .38 .40 .42 .43 .43 .43 .43 .43

Record high temperatures for the date were established on 2nd, 3rd, 29th, 30th.

(Excessive amounts for all 12 periods are entered whenever the amounts for one or more periods equals or exceeds the rate of .01 inch per minute plus .20 inch.)

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	
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27																								27	
28																								28	
29																								29	
30																								30	
31																								31	

Effective July 1, 1953, the degree day normals used for these reports are derived from the period 1921-1950.

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