

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

RICHMOND, VIRGINIA (Byrd Field)

JULY 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 7:00 AM (In.)	Snow, Sleet (In.)	Snow, Sleet, or Ice on ground at 7:00 AM (In.)	Wind			Sunshine	Sky cover			Thunderstorm or distant lightning	Weather restricting visibility to 1/4 mile or less	Stage Jams River at 8:00 AM (Feet)	Date
	Maximum	Minimum	Average					Prevaling direction	Average speed (m. p. h.)	Fastest mile		Total (hours and minutes)	Percent of possible	Sunrise to sunset (tenths)				
1	91	66	79	+2	0	0	0	S	7.7	16	S	14:44	100	5	3		1.2	1
2	93	67	80	+3	0	0	0	SSW	7.0	10	S	14:45	100	1	1		1.1	2
3	92	70	81	+4	0	0	0	WSW	5.8	11	SW	15:44	93	2	2		2.1	3
4	94	72	83	+6	0	.03	0	SW	7.0	14	S	11:24	78	5	3		2.5	4
5	91	73	82	+6	0	T	0	SW	10.4	18	SW	11:32	79	6	6		3.1	5
6	92	72	82	+6	0	0	0	SSW	9.5	13	S	9:11	65	7	6	TDL	2.9	6
7	92	72	82	+6	0	.02	0	SSW	10.1	16	SW	8:42	59	7	5	TDL	2.8	7
8	91	74	83	+5	0	.38	0	SSW	10.4	21	SW	6:45	46	8	7	TDL	2.5	8
9	82	72	77	-1	0	.43	0	SSW	5.8	9	SW	0:08	1	10	10	T	1.4	9
10	89	71	80	+2	0	.01	0	S	7.7	23	S	6:46	47	8	8		1.8	10
11	91	73	82	+4	0	0	0	SSW	10.5	20	S	12:15	84	6	7		0.7	11
12	92	70	81	+3	0	.45	0	SSW	9.1	18	SW	10:01	69	7	6	T	-0.5	12
13	88	69	79	+1	0	.36	0	SSE	7.6	22	SW	8:19	57	10	10	T	-0.5	13
14	86	69	77	-1	0	.06	0	SSW	8.7	14	SW	3:15	22	9	9	T	0.4	14
15	91	71	81	+5	0	0	0	SSW	9.8	16	S	14:19	99	5	4		0.5	15
16	93	74	84	+8	0	0	0	SSW	8.4	16	SW	11:53	80	4	4	DL	1.1	16
17	78	69	74	-4	0	T	0	N	5.7	14	NE	0:21	2	9	9		1.5	17
18	84	68	76	-2	0	T	0	SSW	5.7	13	S	4:45	32	9	9		2.0	18
19	92	72	82	+4	0	0	0	WSW	8.6	17	SW	14:12	98	6	5		2.5	19
20	76	68	72	-6	0	T	0	NNE	5.2	9	N	0:49	6	10	9		2.9	20
21	80	68	74	-4	0	0	0	NE	7.0	11	NE	3:13	22	10	10		3.5	21
22	93	72	83	+5	0	T	0	SSW	8.1	15	SW	8:29	59	7	6	DL	3.6	22
23	94	72	85	+6	0	.08	0	SW	8.9	25	NW	9:56	70	6	5	DL	3.3	23
24	87	70	79	+1	0	.85	0	S	5.8	26	NW	5:56	42	8	8	TDL	2.6	24
25	89	68	79	+1	0	0	0	WSW	5.5	9	SW	8:52	60	7	5		1.4	25
26	93	71	82	+4	0	.07	0	S	4.1	8	S	10:53	75	4	5		1.2	26
27	92	74	83	+5	0	.06	0	S	5.6	26	SE	4:55	32	8	9	T	0.4	27
28	94	75	85	+7	0	0	0	SW	4.6	6	S	10:11	72	6	5		1.0	28
29	90	74	82	+4	0	0	0	NW	4.7	10	NW	11:19	80	6	6		1.5	29
30	94	70	82	+4	0	0	0	SSE	5.3	14	S	13:14	94	5	4		2.3	30
31	86	70	85	+5	0	.49	0	SW	7.1	17	SW	7:37	54	8	7	T	2.2	31
Sum	2779	2196				3.27	0		227.2			271.05		207	193		54.8	Sum
Avg.	89.6	70.8							7.3	Fastest	Dir.	Possible	%	6.7	6.2		1.7	Avg.
									Misc.	26	SE	448:35	60					Misc.

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

**TEMPERATURE: (°F)**  
 Average monthly 80.2  
 Departure from normal +2.7  
 Highest 96 on 31st  
 Lowest 66 on 1st  
 Number of days with -  
 Max. 32° or below 0  
 Max. 90° or above 21  
 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 3.27  
 Departure from normal -2.57  
 Greatest in 24 hours .65 on 24th  
 Snow, Sleet—  
 Total for the month 0  
 Greatest in 24 hours 0 on -  
 Greatest depth on ground 0 on -  
 Dates of - Hall none  
 Sleet none Glaze none

**BAROMETRIC PRESSURE (In.)**  
 Avg. station (elev. 164 feet, m. s. l.) 29.853  
 Highest sea level 30.25 on 10th  
 Lowest sea level 29.77 on 19th

**EXCESSIVE PRECIPITATION**  
 JULY Mins. 5 10 15 20 30 45 60 80 100 120 150 180  
 24th Ant. .36 .59 .66 .68 .70 .70 .70 .70 .70 .70 .70 .70

**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  
 K = Smoke 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.

The first month since January 1958 that the precipitation has fallen below normal. Rainfall was well distributed throughout the month so that reports of depleted soil moisture were at a minimum. The mean temperature was the highest since 1956.

**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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4															.05										4
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