

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

LOCAL CLIMATOLOGICAL DATA

RICHMOND, VA. (Byrd Field)

SEPTEMBER 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.)	Snow, Sleet, Hail (In.)	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 6:00 AM	Date	
	Maximum	Minimum	Average	Departure from normal	Degree days (base 65°)	Total (Water equivalent) (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
1	102	72	87	+13	0	0	0	0	0	S	8.5	19	SW	12:59	100	0	0			-0.5	1		
2	100	72	86	+12	0	0	0	0	0	S	7.8	13	SE	12:57	100	0	0			-0.5	2		
3	97	73	85	+11	0	0	0	0	0	S	9.4	17	SE	12:54	100	1	1			-0.5	3		
4	94	73	84	+11	0	0	0	0	0	SSE	12.4	23	S	8:58	70	6	4			-0.5	4		
5	91	67	79	+6	0	3.14	0	0	0	SSE	12.3	24	SE	9:08	71	6	7	T		-0.3	5		
6	67	60	64	+9	1	.02	0	0	0	NNW	8.8	14	NW	0:00	0	10	10			-0.8	6		
7	83	62	73	0	0	0	0	0	0	NW	7.3	14	NW	9:25	74	3	4			-0.5	7		
8	79	59	69	-10	0	0	0	0	0	NNW	7.8	15	N	12:43	100	0	0			-0.5	8		
9	76	54	65	-11	0	0	0	0	0	NNE	9.0	17	NE	12:40	100	0	0			-0.3	9		
10	77	51	64	-16	1	0	0	0	0	E	6.3	16	NE	12:33	99	1	0			0.0	10		
11	82	50	66	-14	0	0	0	0	0	SE	4.9	12	E	12:30	99	0	0			0.0	11		
12	88	61	75	+14	0	1.84	0	0	0	S	11.3	27	NW	6:28	51	8	7	T, DL		-0.8	12		
13	74	53	64	-11	1	0	0	0	0	WNW	7.3	17	NW	12:11	97	1	1	DL		0.0	13		
14	77	44	61	-17	4	0	0	0	0	S	6.7	25	SE	11:44	94	2	4			0.2	14		
15	88	62	75	+13	0	0	0	0	0	S	10.6	17	SW	11:07	89	1	3			0.0	15		
16	88	60	74	+14	0	0	0	0	0	SW	4.5	7	NE	12:24	100	0	0			0.5	16		
17	78	59	69	+10	0	0	0	0	0	NNE	7.2	16	NE	12:22	100	0	0			0.0	17		
18	78	54	66	+12	0	0	0	0	0	E	7.2	13	SE	10:42	87	4	3			0.0	18		
19	82	59	71	+12	0	0	0	0	0	SE	10.3	19	SE	11:15	92	5	4			-0.3	19		
20	83	63	73	+10	0	.89	0	0	0	SE	8.3	23	SE	6:13	51	9	9			-0.3	20		
21	86	58	72	+14	0	T	0	0	0	N	8.4	26	NW	7:37	62	7	8	F, L		0.0	21		
22	69	50	60	-10	5	.13	0	0	0	NW	7.3	16	NW	12:11	100	0	2			-0.3	22		
23	69	45	57	-12	8	0	0	0	0	NNE	7.8	15	NE	12:08	100	0	0			0.0	23		
24	73	45	59	-10	6	0	0	0	0	NE	6.3	15	SE	12:05	100	0	1			-0.3	24		
25	74	51	63	-10	2	0	0	0	0	SE	3.5	9	SE	2:44	23	10	9	F		-0.3	25		
26	80	59	70	+11	0	.08	0	0	0	SSW	4.6	9	SW	5:29	46	10	10			-0.5	26		
27	70	63	67	+4	0	.74	0	0	0	NNE	7.5	26	E	0:28	4	10	10	F		0.0	27		
28	79	54	67	+13	0	0	0	0	0	WNW	6.1	14	NW	11:56	100	0	1	F		0.3	28		
29	88	51	70	+19	0	0	0	0	0	S	5.1	11	SW	11:54	100	0	0			0.0	29		
30	85	56	71	+15	0	0	0	0	0	S	7.8	16	S	7:48	66	4	2	F, K		-0.3	30		
31																						31	
Sum	2457	1740				6.84	0				232.3			295.32		98	100			-6.5	Sum		
Avg.	81.9	58.0									7.7			372.54		79				-0.2	Avg.		

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

TEMPERATURE: (°F) Average monthly 70.0
 Departure from normal - 0.3
 Highest 102 on 1st
 Lowest 44 on 14th
 Number of days with -
 Max. 32° or below 0
 Max. 90° or above 5
 Min. 32° or below 0
 Min. 0° or below 0

HEATING DEGREE DAYS (base 65°):
 Total this month 28
 Departure from normal -5
 Seasonal total (since July 1) 28
 Seasonal departure from normal -5

PRECIPITATION (In.):
 Total for the month 6.84
 Departure from normal +3.19
 Greatest in 24 hours 3.14 on 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 0
 Sleet 0 Glaze 0

BAROMETRIC PRESSURE (In.):
 Avg. station (elev. 164 feet, m.s.l.) 29.881
 Highest sea level 30.53 on 24th
 Lowest sea level 29.70 on 12th

EXCESSIVE PRECIPITATION
 Period, minutes 5 10 15 20 30 45 60 80 100 120 150 180
 Sept. 5, amounts .32 .55 .67 .88 1.24 1.43 1.90 2.23 2.33 2.43 2.50 2.63
 Sept. 12, amounts .28 .48 .62 .75 .85 .89 .91 .93 1.03 1.43 1.49 1.58

HOURLY PRECIPITATION
 (Excessive amounts for all 12 periods are entered whenever amounts for one or more equals or exceeds 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	
7	T	T	T	T	T	T	T	T	T	T	T	T	T	.22	T	T	T	T	1.81	.63	.19	.24	.05	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	.01	.05	.07	T																				22	
23																								23	
24																								24	
25																								25	
26																								26	
27	.03	.03	.04	.08	.04	.06	.09	.13	.07	.04	.02	T	T	.10	.01	T	T	T	.01	T	T	T	.01	.02	27
28																									28
29																									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. --- 10/5/53 --- 200