

LOCAL CLIMATOLOGICAL DATA

RICHMOND, VIRGINIA (Byrd Field)

AUGUST 1954

Latitude 37° 30' N. Longitude 77° 20' W. Elevation (ground) 162 ft. Eastern Standard time used

Date	Temperature (°F)			Departure from normal	Degree days (base 65°)	Precipitation (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 8:00AM	Date	
	Maximum	Minimum	Average						Prevailing direction	Average speed (m. p. h.)	Fastest mile Speed (m. p. h.)	Direction	Total (hours and minutes)	Percent of possible	Sunrise to sunset (tenths)					Midnight to midnight (tenths)
1	97	73	85	+7	0	.41	0	0	SW	9.0	21	SW	8:27	60	6	8	T		0.2	1
2	89	70	80	+2	0	.74	0	0	E	4.9	14	NE	4:22	31	9	9	T, DL		.0	2
3	90	70	80	+2	0	.01	0	0	W	9.5	19	SW	12:31	89	4	4	T, DL		.0	3
4	89	65	77	-1	0	0	0	0	W	6.8	18	NW	10:42	77	7	5			.0	4
5	87	70	79	+2	0	.06	0	0	WSW	7.3	31	SW	1:46	13	10	9			.0	5
6	83	64	74	-3	0	0	0	0	NW	7.8	15	NW	12:23	89	2	2			.6	6
7	87	64	76	-1	0	0	0	0	NW	6.6	12	NW	13:44	99	0	1			.0	7
8	90	59	75	+2	0	0	0	0	S	7.2	16	S	11:37	84	5	5			.0	8
9	92	71	82	+5	0	.33	0	0	SSW	12.3	28	NW	6:42	48	7	8	T		.0	9
10	89	67	78	+1	0	T	0	0	WSW	4.9	10	SW	7:32	55	4	3	DL		.1	10
11	83	63	73	-4	0	0	0	0	WSW	9.0	20	NW	8:55	65	3	3			.2	11
12	82	53	68	-9	0	0	0	0	WSW	5.5	12	SW	10:12	74	5	4			.4	12
13	84	59	72	-5	0	0	0	0	N	7.5	14	N	13:41	100	1	0			.2	13
14	90	57	74	+3	0	T	0	0	SE	4.6	13	SW	9:41	71	6	6			.3	14
15	91	68	80	+3	0	0	0	0	SSW	8.1	18	SW	9:40	66	8	7			.3	15
16	101	72	87	+11	0	.02	0	0	SW	8.0	23	NW	11:23	84	3	4	T		.2	16
17	89	70	80	+4	0	0	0	0	N	8.2	16	NE	8:40	64	4	5	T		.3	17
18	72	62	67	-9	0	1.69	0	0	NE	6.0	12	NE	1:07	8	9	9	T		.3	18
19	95	65	80	+4	0	.61	0	0	SSE	6.7	34	SE	5:34	41	7	8	T, DL		.3	19
20	94	71	83	+7	0	.04	0	0	NE	6.2	24	S	7:37	57	6	7	T, DL		.3	20
21	82	70	76	0	0	T	0	0	NE	7.7	21	NE	1:32	11	9	-10	DL	F	.3	21
22	77	65	71	-5	0	T	0	0	NE	8.6	14	NE	0:23	3	10	8			.0	22
23	82	61	72	-4	0	0	0	0	E	6.7	11	SE	12:28	94	2	2			.3	23
24	87	60	74	-1	0	0	0	0	SSE	4.8	10	SE	12:32	94	1	2			.2	24
25	95	69	82	+7	0	0	0	0	SW	6.1	13	NW	9:52	74	4	3	T		.0	25
26	96	73	85	+10	0	.04	0	0	SW	7.3	17	N	10:30	79	3	3	T		.2	26
27	81	70	76	+1	0	0	0	0	NNE	6.9	13	NE	2:42	21	9	7			.0	27
28	86	72	79	+4	0	0	0	0	NNE	5.9	10	NE	3:25	26	8	8		F	.2	28
29	86	70	78	+3	0	T	0	0	NW	6.6	12	W	7:11	55	7	6	DL		.2	29
30	82	68	75	+1	0	0	0	0	NE	8.7	17	NE	4:15	33	10	9		F	.2	30
31	81	61	71	-3	0	0	0	0	W	9.4	17	NW	12:10	94	3	3			.5	31
Sum	2709	2052				3.95	0			22.8			253:16		172	166			-3.1	Sum
Avg.	87.4	66.2								7.3	Fastest	Dir.	Possible	%	5.5	5.4			-0.1	Avg.
										Misc.	34	SE	420:36	60						Misc.

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

TEMPERATURE: (°F) Average monthly 76.8
 Departure from normal +0.9
 Highest 101 on 16th
 Lowest 53 on 12th
 Number of days with -
 Max. 32° or below 0
 Max. 90° or above 11
 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 3.95
 Departure from normal -1.10
 Greatest in 24 hours 1.69 on 18th
 Snow, Sleet and Hail -
 Total for the month 0
 Greatest in 24 hours 0 on -
 Greatest depth on ground 0 on -
 Dates of - Hail none
 Sleet none Glaze none

BAROMETRIC PRESSURE (In.)
 Avg. station (elev. 164 feet, m.s.l.) 29.825
 Highest sea level 30.43 on 23rd
 Lowest sea level 29.57 on 31st

EXCESSIVE PRECIPITATION
 Period minutes 5 10 15 20 30 45 60 80 100 120 150 180
 Aug. 1 amounts .23 .40 .41 .41 .41 .41 .41 .41 .41 .41 .41 .41
 Aug. 2 amounts .19 .32 .39 .48 .56 .61 .63 .72 .73 .73 .74 .74
 Aug. 19 amounts .27 .48 .59 .60 .61 .61 .61 .61 .61 .61 .61 .61

Errata: July, 1954, daily river stages, 17th .4; 18th 1.3; 19th 1.0; 20th .8; 22 1.0; 23 .8; 24th 1.0; 26th 1.0; 27 1.0; sum 16.5; avg. 0.5

Symbols used in columns 18-19
 A - Hail
 BS - Blowing snow
 DL - Distant lightning
 D - Dust
 E - Sleet
 F - Fog
 H - Haze
 K - Smoke
 L - Drizzle
 N - Sand
 R - Rain
 S - Snow
 T - Thunderstorm
 ZL - Freezing drizzle
 ZR - Freezing rain

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
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