

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

LOCAL CLIMATOLOGICAL DATA

RICHMOND, VIRGINIA (Byrd Field)

SEPTEMBER 1957

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

Date	Temperature (°F)			Precipitation		Snow, Sleet, Ice on ground at 7:00 A.M. (In.)	Snow, Sleet, (In.)	Wind			Sunshine		Sky cover		Thunderstorm or distant lightning	Weather restricting visibility to ¼ mile or less	STAGE JAMES RIVER at 8:00AM (Feet)	Date
	Maximum	Minimum	Average	Departure from normal	Degree days (base 65°)			Total (Water equivalent) (In.)	Prevailing direction	Average speed (m. p. h.)	Fastest mile Speed (m. p. h.)	Direction	Total (hours and minutes)	Percent of possible				
1	87	68	78	+4	0	0	0	SW	5.5	12	S	10:46	83	7	9			1
2	89	68	79	+5	0	0	0	SSE	8.2	15	SE	8:20	64	6	7			2
3	94	72	83	+9	0	.25	0	S -	9.1	18	NW	10:30	81	4	5	T,DL		3
4	85	71	78	+5	0	T	0	SW	8.9	19	SW	8:33	66	9	8	T,DL		4
5	80	64	72	-1	0	0	0	NNE	8.1	15	NE	10:29	82	4	4			5
6	80	62	71	-2	0	0	0	E	6.5	17	SE	5:38	44	8	8			6
7	86	68	77	+4	0	T	0	S	5.8	9	SW	5:20	42	9	9			7
8	72	67	70	+3	0	.40	0	NW	3.8	6	N	0:00	0	10	10	F,R		8
9	78	69	74	+1	0	.12	0	E	8.3	17	E	0:53	7	10	10	F,R		9
10	87	69	78	+5	0	.17	0	SE	5.9	16	SW	1:21	11	10	10	T		10
11	88	66	77	+5	0	0	0	SE	4.4	13	SE	8:38	69	5	3	F		11
12	91	72	82	+10	0	0	0	SE	6.6	14	SW	9:14	73	6	6	DL		12
13	92	72	82	+10	0	0	0	SSW	7.5	15	SW	11:50	95	7	4	DL		13
14	89	70	80	+9	0	.08	0	SW	5.8	16	SW	8:39	69	6	4	T,DL		14
15	90	70	80	+9	0	0	0	S	7.8	17	S	10:24	84	7	5			15
16	90	69	80	+9	0	T	0	S	7.9	14	S	9:02	73	7	7			16
17	71	67	69	+2	0	1.54	0	NNE	9.4	15	NE	0:00	0	10	10			17
18	73	66	70	0	0	.14	0	N	8.2	14	NE	0:00	0	10	10			18
19	79	64	72	+2	0	.02	0	N	5.2	10	NE	5:40	46	7	6			19
20	84	62	73	+3	0	0	0	S	5.2	10	S	2:00	16	9	6			20
21	89	68	79	+10	0	0	0	S	6.5	13	S	5:10	42	8	5	DL		21
22	88	71	80	+11	0	0	0	S	9.4	18	S	9:31	78	5	4	DL		22
23	80	62	71	+2	0	T	0	NW	6.5	14	NE	3:50	32	10	9			23
24	72	52	62	-6	3	0	0	NW	7.5	13	N	11:14	93	0	2			24
25	77	47	62	-6	3	0	0	SSW	5.2	10	SW	12:03	100	0	0			25
26	82	53	68	+1	0	0	0	SW	7.1	17	NE	9:41	81	10	8			26
27	63	46	55	-12	10	T	0	NNE	9.4	19	NE	1:07	9	9	9			27
28	58	41	50	-17	15	.01	0	NNE	8.2	17	NE	0:08	1	10	9			28
29	57	49	53	-13	12	.47	0	NNE	9.7	15	N	0:00	0	10	10			29
30	61	54	58	-8	7	.23	0	N	8.2	14	NW	0:00	0	10	10			30
31																		31
Sum	2412	1899				3.43	0			215.8		180:01		223	206		11.4	Sum
Avg.	80.4	63.3								7.2	Fastest	Possible	%	7.4	6.9		0.4	Avg.
										Misc.	19	372:34	48					Misc.

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

TEMPERATURE: (°F)
 Average monthly 71.9
 Departure from normal + 1.6
 Highest 94 on 3rd
 Lowest 41 on 28th
 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 50
 Departure from normal + 17
 Seasonal total (since July 1) 50
 Seasonal departure from normal 17

PRECIPITATION: (In.)
 Total for the month 3.43
 Departure from normal -.22
 Greatest in 24 hours 1.54 on 17th
 Snow, Sleet
 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.) 29.906
 Highest sea level 30.48 on 28th
 Lowest sea level 29.80 on 3rd

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 ZR = Freezing rain
 K = Smoke

*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.

1/1 Also NE. Although temperatures were below normal for last week of month, the monthly average temperature reflects warmest September since 1954. Rainfall was well distributed with no prolonged dry spells. Daily River Stages published herein through September 1957, were taken from staff gage on Southern RR. Bridge at foot of Canal Street (zero of gage 2.36' MSL). Beginning October 1, 1957, published readings will be from Telemark attached to C&GS recording gage at lower City Locks, 0.9 mile down stream from USWB staff gage (zero of Telemark 0.00 ft. MSL).

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	
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