

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

RICHMOND, VIRGINIA (Byrd Field)

MARCH 1957

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 7:30 A.M. (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 (In.)	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	46	32	39	-4	26	.08	0	0	WSW	6.5	11	NW	0:47	7	9	8			5.0	1	
2	58	28	43	-1	22	.04	0	0	SW	9.0	21	SW	8:41	59	5	5	T	F	5.5*	2	
3	48	30	39	-5	26	0	0	0	E	7.8	17	NE	11:27	100	1	1			5.0	3	
4	44	28	36	-8	29	0	0	0	NE	8.8	17	NE	8:51	77	6	6			5.7	4	
5	50	32	41	-4	24	.04	T	0	NNE	8.6	16	NE	8:16	72	5	8			2.8	5	
6	43	36	40	-5	25	.04	T	0	NE	8.5	13	NE	0:00	0	10	10			2.4	6	
7	46	37	42	-3	25	.17	0	0	NNW	7.2	13	NE	0:00	0	10	10			2.2	7	
8	57	39	48	+2	17	.40	0	0	E	12.4	26	E	2:45	24	10	10	T		2.2	8	
9	52	36	44	-2	21	T	0	0	W	12.9	18	W	3:28	46	6	6			2.5	9	
10	53	29	41	-5	24	0	0	0	WNW	8.5	16	NW	11:44	100	0	0			2.0	10	
11	55	28	47	0	18	0	0	0	SSE	5.9	16	S	11:46	100	4	6			1.8	11	
12	74	47	61	+14	4	T	0	0	SW	8.5	16	NW	4:51	41	8	7			1.6	12	
13	67	38	53	+6	12	0	0	0	SSE	7.2	12	SE	10:17	87	9	7			1.5	13	
14	73	41	57	+10	8	0	0	0	SE	8.6	18	SE	10:27	88	5	5			1.0	14	
15	71	55	63	+15	2	.80	0	0	SSE	7.0	12	SE	2:30	21	9	8	T, DL	F	1.5	15	
16	68	42	55	+7	10	0	0	0	NNW	6.6	13	NE	11:58	100	0	1			1.5	16	
17	71	36	54	+6	11	0	0	0	S	6.5	11	S	12:00	100	2	2			1.5	17	
18	72	44	58	+10	7	.05	0	0	SSW	7.6	17	N	7:51	65	9	9			1.0	18	
19	49	44	47	-2	18	1.15	0	0	NNW	9.6	17	N	0:00	0	10	10			1.8	19	
20	48	38	42	-7	23	.05	0	0	N	4.6	16	NW	0:15	2	10	8			1.8	20	
21	58	29	44	-5	21	0	0	0	NW	5.1	12	W	11:12	92	0	2			1.8	21	
22	47	40	44	-5	21	.25	0	0	E	7.4	15	E	0:00	0	10	10			1.5	22	
23	61	37	49	+1	16	0	0	0	N	6.7	10	NW	12:14	100	1	2			1.5	23	
24	69	37	53	+3	12	0	0	0	SW	5.8	12	SW	7:09	59	8	7			1.3	24	
25	55	38	47	-3	18	.01	0	0	NE	12.9	26	NE	0:13	2	10	10			1.2	25	
26	59	38	49	-1	18	.02	0	0	NNW	6.1	13	SE	4:39	38	9	9			1.2	26	
27	58	42	50	-1	15	T	0	0	W	5.9	15	NW	4:52	39	7	7			1.2	27	
28	49	37	43	-6	22	T	0	0	NNW	4.2	7	NW	0:00	0	10	10			1.2	28	
29	61	32	47	-4	18	T	0	0	W	7.7	27	NW	10:29	84	5	4			1.2	29	
30	59	36	48	-3	17	0	0	0	WSW	8.6	16	NW	12:14	98	2	1			1.2	30	
31	57	33	45	-7	20	0	0	0	ESE	8.3	14	NE	12:33	100	1	0			1.2	31	
Sum	1788	1137				2.82	T			240.2			201.29		191	187			62.4	Sum	
Avg.	57.7	36.7								7.7	Fastest	Dir.	Possible	%	6.2	6.0			2.0	Avg.	
										Misc.	27	NW	370:58	54						Misc.	

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

TEMPERATURE: (°F) Average monthly 47.2 HEATING DEGREE DAYS (base 65°): Total this month 548
 Departure from normal -0.3 Departure from normal 4
 Highest 74 on 12th Seasonal total (since July 1) 5297
 Lowest 28 on 2, 4, 11th Seasonal departure from normal -321

PRECIPITATION: (In.) Total for the month 2.82 Symbols used in columns 18-19
 Departure from normal -.60
 Greatest in 24 hours 1.18 on 18-19th
 Snow, Sleet—
 Total for the month T
 Greatest in 24 hours T on 5-8th
 Greatest depth on ground 0 on -
 Dates of - Hail None
 Sleet 5-8th Glaze None

BAROMETRIC PRESSURE (In.) Avg. station (elev. 164 feet, m. s. l.) 29.791
 Highest sea level 30.49 on 31st
 Lowest sea level 29.35 on 8th

*River crest 5.5 feet on 2nd, held crest all day.
 The mean temperature for March was very near normal. Precipitation was 18 percent below normal but was so well distributed that there was little drying during the month. No excessive precipitation occurred.

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	.05	.02	.01	.01	.01	T	T																		1	
2																										2
3																										3
4																										4
5																										5
6	.02	T	.01	.01	T	T	.01							T	T	.01	T	T	T	T	T	.01	.01	T	6	
7	.02			.03	T	T	.01	T	T													.01	.05	.08	T	7
8	.06	.05	.01																							8
9	T																									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																										22
23																										23
24																										24
25																										25
26	T	T																								26
27																										27
28	T	T	T	T																						28
29																										29
30																										30
31																										31