

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

RICHMOND, VIRGINIA (Byrd Field)

NOVEMBER 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.)	Wind			Sunshine (Total hours and minutes)	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, Hail (In.)		Prevailing direction	Average speed (m. p. h.)	Fastest mile (m. p. h.)		Direction	Percent of possible								Sunrise to sunset (tenths)
1	74	40	57	+4	8	0	0	0	S	4.7	8	N	6:54	65	8	6					1	
2	76	39	57	+4	8	0	0	0	W	5.0	8	SW	10:36	100	0	0					2	
3	80	40	60	+7	5	0	0	0	SW	5.4	13	SW	10:29	99	3	2					3	
4	69	48	58	+6	7	0	0	0	N	7.3	15	N	7:53	75	7	7					4	
5	51	38	45	-7	20	0	0	0	N	11.6	26	NE	0:00	0	10	10					5	
6	38	29	34	-16	31	.80	7.2	1	NHW	14.8	23	NW	0:00	0	10	10					6	
7	45	27	36	-16	29	.01	.1	3	W	8.0	16	NW	10:08	97	3	4					7	
8	55	28	42	-9	23	0	0	0	SW	8.2	13	SW	10:23	100	0	0					8	
9	58	28	43	-8	22	0	0	0	NE	4.5	7	S	9:05	88	5	5					9	
10	51	41	46	-5	19	.02		0	NE	7.4	15	NE	0:07	1	10	10					10	
11	59	32	46	-4	19	0	0	0	NW	5.4	11	NE	10:18	100	0	0					11	
12	58	30	44	-6	21	0	0	0	NNE	4.6	14	NE	9:27	92	0	0					12	
13	58	33	46	-4	19	0	0	0	NW	3.8	8	NW	5:38	55	5	3					13	
14	60	31	46	-3	19	0	0	0	NW	3.4	9	SE	8:00	78	3	2					14	
15	71	33	52	+3	13	0	0	0	SSW	5.4	12	W	10:11	100	1	1					15	
16	76	36	56	+8	9	0	0	0	SSW	5.3	11	SW	10:08	100	0	0					16	
17	74	35	55	+7	10	0	0	0	S	3.5	7	S	9:55	98	0	0					17	
18	76	35	56	+8	9	0	0	0	S	4.6	10	SE	9:48	97	0	0					18	
19	76	38	57	+10	8	0	0	0	SSW	3.4	7	E	10:03	100	0	0					19	
20	72	38	55	+8	10	0	0	0	S	6.1	13	SE	10:01	100	0	1					20	
21	74	46	60	+13	5	.03	0	0	E	4.3	11	SE	1:52	19	9	8					21	
22	75	54	65	+19	0	.36	0	0	SSE	9.8	29	S	1:52	19	10	10					22	
23	69	44	57	+11	8	.50	0	0	N	9.2	18	S	0:45	8	9	8					23	
24	60	44	52	+6	13	T	0	0	N	5.0	10	E	0:50	8	9	9					24	
25	57	36	47	+2	18	.13	0	0	W	8.2	18	W	0:41	7	7	7					25	
26	46	29	38	-7	27	T	0	0	WSW	6.4	13	SW	4:26	45	5	2					26	
27	47	26	37	-8	28	T	0	0	W	4.9	12	S	3:30	36	8	6					27	
28	44	29	37	-7	28	0	0	0	NW	6.1	14	NW	0:03	1	10	6					28	
29	47	22	35	-9	30	0	0	0	NW	4.9	8	S	9:48	100	3	3					29	
30	55	31	43	-1	22	0	0	0	S	7.8	16	SW	4:48	49	8	7					30	
31																					31	
Sum	1850	1059				1.85	7.3			189.0			187:39		146	128					5.6	Sum
Avg	61.7	55.3								6.3	Fastest 29	Dir. S	Possible 305:06	% 62	4.9	4.3					0.2	Avg

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

TEMPERATURE: (°F)
 Average monthly 48.5
 Departure from normal + 0.1
 Highest 80 on 3rd
 Lowest 22 on 29th
 Number of days with -
 Max. 32° or below 0
 Max. 90° or above 0
 Min. 32° or below 12
 Min. 0° or below 0

HEATING DEGREE DAYS (base 65°):
 Total this month 488
 Departure from normal - 10
 Seasonal total (since July 1) 668
 Seasonal departure from normal - 73

BAROMETRIC PRESSURE (In.)
 Avg. station (elev. 164 feet, m.s.l.) 29.976
 Highest sea level 30.52 on 13th
 Lowest sea level 29.43 on 25th

PRECIPITATION: (In.)
 Total for the month 1.85
 Departure from normal - 0.64
 Greatest in 24 hours .86 on 22-23
 Snow, Sleet and Hail -
 Total for the month 7.3
 Greatest in 24 hours 7.5 on 6-7
 Greatest depth on ground 3 on 6,7
 Dates of - Hail 0
 Sleet 5, 10 Glaze 0

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

EXCESSIVE PRECIPITATION

Period, minutes	5	10	15	20	30	45	60	80	100	120	150	180
Nov. 23 amounts	.32	.41	.43	.45	.46	.48	.48	.49	.49	.49	.49	.49

(Excessive amounts for all 12 periods are entered whenever the amounts for 1 or more periods equals or exceeds the rate of .01 inch per minute plus .20)

NOTE: Cancel Errata October 1953.

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
4																									4
5																									5
6	T	.05	.04	.07	.05	.04	.06	.02	.01	.01	.02	.02	.02	.03	.02	.03	.03	.03	.04	.04	.05	.06	.03		6
7	.01	T	T	T																					7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
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16																									16
17																									17
18																									18
19																									19
20																									20
21							.01	.02	T			T												21	
22																									22
23	T	T	T	.01	T	T					.49	T			.01	.33	T	.02						23	
24											T														24
25					T	T	.04	.07	.01	.01															25
26																									26
27															T										27
28																									28
29																									29
30																									30
31																									31

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