

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

RICHMOND, VIRGINIA (Chimborazo Park)

FEBRUARY 1953

Latitude 37° 32' N. Longitude 77° 25' W. Elevation (ground) 162 ft. Eastern Standard time used

Date	Temperature (°F)				Precipitation		Snow, Sleet, Hail or Ice on ground at 5:00 P.M. (In.)	Snow, Sleet, Hail (In.)	Wind			Sunshine		Sky cover		Thunderstorm or distant lightning	Weather restricting visibility to 1/4 mile or less	24-Hrs. Ending 5 PM			James River Stage at 8 A.M.	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)			Maximum Temperature	Minimum Temperature	Total Precipitation			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	65	31	48	+8	17	0.00	0	0											65.0	47.6	0.00	1.5	1
2	42	26	34	-6	31	0.00	0	0											52.0	25.8	0.00	1.5	2
3	48	35	41	+1	24	0.04	0	0											48.1	32.2	T	1.5	3
4	48	34	41	+1	24	0.08	0	0											48.3	37.7	0.12	1.4	4
5	48	28	38	-2	27	0.00	0	0											48.4	27.9	0.00	1.5	5
6	61	30	46	+6	19	T	0	0											60.9	29.5	0.00	1.4	6
7	53	45	49	+9	16	0.92	0	0											58.9	47.7	0.91	1.3	7
8	53	38	46	+6	19	0.01	0	0											53.1	42.3	0.02	1.5	8
9	60	35	48	+8	17	0.00	0	0											60.3	35.0	0.00	1.5	9
10	54	32	44	+4	21	0.00	0	0											59.4	33.0	0.00	1.4	10
11	42	33	38	-2	27	0.10	T	0											49.9	32.5	T	1.5	11
12	58	40	49	+8	16	0.09	0	0											58.1	36.4	0.19	1.5	12
13	52	35	44	+3	21	0.00	0	0											51.9	35.7	0.00	1.4	13
14	55	26	41	0	24	T	0	0											55.2	28.3	0.00	1.4	14
15	47	38	43	+2	22	1.15	0	0											53.0	40.0	1.15	1.4	15
16	53	33	43	+2	22	0.00	0	0											53.4	32.6	0.00	1.8	16
17	50	28	39	-2	26	0.00	0	0											53.0	39.3	0.00	2.0	17
18	46	21	34	-7	31	0.00	0	0											46.3	20.7	0.00	2.0	18
19	61	33	47	+5	18	0.00	0	0											60.7	32.7	0.00	1.8	19
20	61	46	54	+12	11	0.15	0	0											61.1	45.6	0.05	1.7	20
21	69	55	62	+20	3	0.49	0	0											68.4	55.7	0.58	1.7	21
22	55	37	46	+4	19	0.00	0	0											67.2	41.8	0.00	1.7	22
23	54	30	42	0	23	0.00	0	0											53.8	30.1	0.00	5.7	23
24	52	34	43	0	22	0.02	0	0											52.0	34.1	T	9.0	24
25	59	37	48	+5	17	0.00	0	0											59.3	36.9	0.02	3.0	25
26	62	43	53	+10	12	0.00	0	0											62.0	47.0	0.00	2.2	26
27	67	39	53	+9	12	0.00	0	0											67.4	39.0	0.00	2.0	27
28	53	37	45	+1	20	0.00	0	0											65.5	41.2	0.00	1.8	28
29																							29
30																							30
31																							31
Sum	1528	978				3.05	T												1592.6	1026.3	3.05	59.1	Sum
Avg	54.6	34.9									Fastest	Dir.	Possible	%					56.9	36.7	----	2.1	Avg.

T in columns 7, 8, and 9 indicates amount too small to measure. Misc. Fastest Dir. Possible %

TEMPERATURE: (°F) Average monthly 44.8 Departure from normal +3.9 Highest on 69 Lowest 21 Number of days with - Max. 32° or below 0 Max. 90° or above 0 Min. 32° or below 8 Min. 0° or below 0

HEATING DEGREE DAYS (base 65°): Total this month 561 Departure from normal -161 Seasonal total (since July 1) 2685 Seasonal departure from normal -341

PRECIPITATION: (In.) Total for the month 3.05 Departure from normal +0.32 Greatest in 24 hours 1.15 on 15 Snow, Sleet and Hail - Total for the month T Greatest in 24 hours T on 11 Greatest depth on ground T on 11 Dates of - Hail - Sleet - Glaze -

BAROMETRIC PRESSURE (In.) Avg. station (elev. feet, m.s.l.) - Highest sea level - on - Lowest sea level - on -

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

Symbol used in column 23
* = Crest 9.1 feet at 7 AM

This February was the warmest since 1949 and the wettest since 1945. The James River exceeded flood stage on the 24th, but only minor damage occurred.

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	0.04	0.03	0.01	T	T																	T	T	0.04	4
5																									5
6																									6
7		T	0.03	0.09	0.09	0.18	0.10	0.37	0.03	0.02													T	0.01	7
8		T	0.01	T	T	T		T																	8
9																									9
10																									10
11																									11
12		T	0.02	0.02	0.01	T	T					T	T	0.01											12
13																									13
14																									14
15	0.01	0.05	0.13	0.08	0.07	0.11	0.20	0.37	0.03			T		0.03										T	15
16																									16
17																									17
18																									18
19																									19
20																									20
21	0.05	0.02	0.05	T	0.01	0.07	T					T		0.02	0.01									0.08	21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31

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