

# STATION METEOROLOGICAL SUMMARY

RICHMOND, VIRGINIA (CITY OFFICE, CHIMBORAZO PARK) TEL. 5-5674

APRIL 1951

Latitude 37° 32' N. Longitude 77° 25' W.

Eastern Standard time used

Date	Temperature (°F)				Precipitation		Snow, Sleet, Hail or Ice on ground at 5:00 P.M. (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.)		Snow, Sleet, Hail (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
1	75	49	62	+10	3	0.00	0.0									75.1	48.7	0.00	2.0	1	
2	67	42	55	+3	10	0.41	0.0									66.9	50.4	0.05	5.4	2	
3	57	36	47	-6	18	0.45	0.0									56.6	35.6	0.81	2.9	3	
4	56	39	48	-5	17	0.00	0.0									56.1	38.5	0.00	5.0	4	
5	64	44	54	+1	11	0.00	0.0									64.0	43.9	0.00	3.2	5	
6	69	41	55	+2	10	0.00	0.0									68.7	41.3	0.00	2.9	6	
7	74	41	58	+4	7	0.00	0.0									73.7	40.9	0.00	2.4	7	
8	58	49	54	0	11	0.45	0.0									71.5	51.8	0.44	2.1	8	
9	55	46	51	-3	14	0.06	0.0									55.3	46.7	0.07	2.4	9	
10	62	46	54	-1	11	0.16	0.0									62.0	46.4	0.16	2.5	10	
11	70	40	55	0	10	0.00	0.0									70.2	40.2	0.00	4.7	11	
12	76	47	62	+7	3	0.04	0.0									75.8	49.5	0.04	4.7	12	
13	65	41	52	-4	13	T	0.0									68.0	40.5	0.00	3.7	13	
14	64	47	56	0	9	0.00	0.0									64.3	47.0	T	4.0	14	
15	82	46	64	+8	1	0.05	0.0									82.3	46.2	T	5.2	15	
16	55	41	48	-9	17	0.18	0.0									79.4	45.1	0.23	3.0	16	
17	57	37	47	-10	18	T	0.0									56.9	36.7	T	2.4	17	
18	63	33	48	-9	17	0.00	0.0									63.3	32.7	0.00	2.0	18	
19	72	50	61	+3	4	T	0.0									72.1	48.8	0.00	1.8	19	
20	64	43	54	-4	11	0.00	0.0									69.7	42.5	0.00	1.7	20	
21	72	38	55	-3	10	0.00	0.0									71.7	37.8	0.00	1.6	21	
22	68	49	59	0	6	0.07	0.0									70.3	48.7	0.07	1.6	22	
23	68	49	58	-1	7	0.38	0.0									66.3	52.5	0.38	1.6	23	
24	70	43	57	-3	8	0.00	0.0									70.2	42.7	0.00	1.6	24	
25	81	46	64	+4	1	0.00	0.0									81.3	45.6	0.00	1.8	25	
26	87	60	74	+14	0	0.30	T	0.0								87.2	63.8	0.11	1.6	26	
27	70	48	59	-2	6	0.00	0.0									70.2	51.6	0.19	1.7	27	
28	73	48	60	-1	5	0.00	0.0									72.9	46.2	0.00	1.8	28	
29	88	58	73	+12	0	T	0.0									88.2	57.8	T	1.6	29	
30	81	58	70	+8	0	0.00	0.0									80.8	62.0	T	1.5	30	
31																					31
Sum	2059	1353				2.55	T									2111.0	1381.9	2.55	80.4	Sum	
Avg.	68.6	45.1								Fastest	Dir.	Possible	%			70.4	46.1	----	2.7	Avg.	

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

TEMPERATURE: (°F)		HEATING DEGREE DAYS (base 65°):		PRECIPITATION: (In.)		Symbols used in columns 18-19	
Average monthly	56.9	Total this month	258	Total for the month	2.55	A - Hail	L - Drizzle
Departure from normal	+0.3	Departure from normal	-20	Departure from normal	-0.94	BS - Blowing snow	N - Sand
Highest	86 on	Seasonal total (since July 1)	3592	Greatest in 24 hours	0.86 on 2-3	DL - Distant lightning	R - Rain
Lowest	33 on	Seasonal departures from normal	-160	Snow, Sleet and Hail -		D - Dust	S - Snow
Number of days with -				Total for the month	T	E - Sleet	T - Thunderstorm
Max. 32° or below	0	BAROMETRIC PRESSURE (In.)		Greatest in 24 hours	T on 3	F - Fog	ZL - Freezing drizzle
Max. 90° or above	0	Avg. station (elev. 162 feet, m.s.l.)	-	Greatest depth on ground	T on 3	H - Haze	ZR - Freezing rain
Min. 32° or below	0	Highest sea level	- on	Dates of - Hail	26	K - Smoke	
Min. 0° or below	0	Lowest sea level	- on	Sleet - Glaze	-		

April was only slightly above normal in temperature, the fourth consecutive month with an excess. It was a month with many brief warm and cool spells. The minimum of 33° on the 18th was a new low record for that date. Precipitation was subnormal for the seventh month in succession. The accumulated deficiency for the seven months is 6.66 inches, which amounts to 30 percent of the normal.

## 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	0.08	0.08	T	0.01	0.04	0.14	0.10																		3
4																									4
5																									5
6																									6
7																									7
8																									8
9					0.02	0.02	T	0.07	0.08	0.09	0.10	0.06	T	T	0.01	0.02	0.01	0.01	T	T				9	
10																									10
11																									11
12																									12
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