U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

LOCAL CLIMATOLOGICAL DATA

(Formerly Station Meteorological Summary)

RICHMOND, VIRGINIA (Chimborazo Park) — APRIL 1952

Latitude 37° 32′ N. Longitude 77° 25′ W. Eastern Standard time used

Date	Temperature (°F) Maximum	Minimum	Average	Departure from normal	Degree days (base 65°)	Precipitation Total (Water equivalent) (In.)	Snow, Sleet, Hail (In.)	Snow, Sleet, Hail or Ice on ground at 5:00 P.M. (In.)	Wind Prevailing direction	Average speed (m. p. h.)	Fastest mile Speed (m. p. h.)	Direction	Sunshine Total (hours and minutes)	Percent of possible	Sky cover Sunrise to sunset (tenths)	Midnight to midnight (tenths)	Thunderstorm or distant lightning	Weather restricting visibility to ¼ mile or less	24-Hrs. Ending 5 PM Maximum Temperature	Minimum Temperature	Total Precipitation	James River Stage at 8 A M	Date
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	70	55	63	+11	2	0.01	0	0											70.4	55.0	0.01	1.8	1
2	70	50	60	+8	5	0.02	0	0											69.7	55.4	0.02	1.7	2
3	64	45	55	+2	10	0.00	0	0											67.7	45.0	T	1.6	3
4	73	43	58	+5	7	T	0	0											72.9	42.8	0.00	1.5	4
5	74	45	60	+7	5	0.97	0	0											73.9	58.6	0.97	1.5	5
6	52	40	46	-7	19	0.00	0	0											63.0	40.0	0.00	1.8	6
7	58	36	47	-7	18	0.00	0	0											57.9	36.0	0.00	1.6	7
8	56	35	46	-8	19	0.00	0	0											55.5	35.0	0.00	1.6	8
9	62	38	50	-4	15	0.00	0	0											61.9	38.3	0.00	1.6	9
10	70	38	54	-1	11	0.00	0	0											69.6	37.5	0.00	1.6	10
11	69	51	60	+5	5	T	0	0											68.8	54.0	0.00	1.5	11
12	67	48	58	+3	7	T	0	0											66.8	48.2	T	1.5	12
13	77	50	64	+8	1	T	0	0											77.0	49.6	T	1.5	13
14	74	53	64	+8	1	0.04	0	0											73.7	57.4	0.04	1.5	14
15	60	43	52	-4	13	0.01	0	0											71.1	49.0	0.01	1.5	15
16	62	40	51	-6	14	0.08	0	0											62.2	39.5	0.08	1.6	16
17	75	46	61	+4	4	0.00	0	0											74.9	45.0	0.00	1.5	17
18	80	52	66	+9	0	0.00	0	0											80.1	52.2	0.00	1.4	18
19	83	52	68	+10	0	0.00	0	0											83.3	52.0	0.00	1.3	19
20	88	52	70	+12	0	0.00	0	0											88.4	52.0	0.00	1.3	20
21	88	58	73	+15	0	0.00	0	0											87.6	58.3	0.00	1.3	21
22	91	58	75	+16	0	0.00	0	0											91.3	58.0	0.00	1.3	22
23	89	57	73	+14	0	0.00	0	0											89.0	64.3	0.00	1.2	23
24	57	51	54	-6	11	0.45	0	0											85.9	53.3	0.11	1.2	24
25	56	50	53	-7	12	1.57	0	0											55.7	49.9	1.36	1.5	25
26	52	48	50	-10	15	1.03	0	0											52.2	48.3	1.37	2.8	26
27	56	50	53	-8	12	0.55	0	0											55.8	50.0	0.76	5.3	27
28	58	54	56	-5	9	0.26	0	0											57.6	53.3	0.26	5.6	28
29	60	53	57	-4	8	T	0	0											60.4	53.1	T	7.0*	29
30	81	55	68	+6	0	0.00	0	0											81.1	55.1	0.00	6.0	30
31																							31
Sum	2072	1446	—	—	—	4.99	0	—	—		—	—		—			—	—	2125.4	1486.1	4.99	64.1	Sum
Avg.	69.1	48.2	—	—	—	—	—	—	—		Fastest	Dir.	Possible	%			—	—	70.8	49.5	-----	2.1	Avg.
										Misc.							—	—					Misc.

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

TEMPERATURE: (°F)

Average monthly			58.7
Departure from normal			+2.1
Highest	91	on	22
Lowest	35	on	8
Number of days with —			
Max. 32° or below			0
Max. 90° or above			1
Min. 32° or below			0
Min. 0° or below			0

HEATING DEGREE DAYS (base 65°):

Total this month	223
Departure from normal	-55
Seasonal total (since July 1)	3477
Seasonal departure from normal	-388

BAROMETRIC PRESSURE (In.)

Avg. station (elev. 162 feet, m.s.l.)			-
Highest sea level	-	on	-
Lowest sea level	-	on	-

PRECIPITATION: (In.)

Total for the month			4.99
Departure from normal			+1.50
Greatest in 24 hours	2.07	on	25-26
Snow, Sleet and Hail —			
Total for the month			0
Greatest in 24 hours	0	on	-
Greatest depth on ground	0	on	-
Dates of — Hail			-
Sleet - Glaze			-

Symbols used in columns 18-19

A = Hail
BS = Blowing snow
DL = Distant lightning
D = Dust
E = Sleet
F = Fog
H = Haze
K = Smoke
L = Drizzle
N = Sand
R = Rain
S = Snow
T = Thunderstorm
ZL = Freezing drizzle
ZR = Freezing rain

Symbol used in column 23
*= Crest 7.0 at 8 AM

The maximum temperature on the 22d was the highest of record for that date. April was the fifth month with precipitation well above normal during the last six months, February being the exception.

HOURLY PRECIPITATION

Date	A. M. Hour ending at 1	2	3	4	5	6	7	8	9	10	11	12	P. M. Hour ending at 1	2	3	4	5	6	7	8	9	10	11	12	Date
1								T	0.01	T									T				T		1
2				0.01	0.01	T												T							2
3																									3
4																								T	4
5	0.01	0.04	0.17	0.63	0.09	0.01	T						0.02												5
6																									6
7																									7
8																									8
9																									9
10																									10
11																						T		T	11
12	T				T																				12
13							T									T		T	T						13
14											0.01	0.01	0.02									T	T	T	14
15	T	0.01															T	T	T	T	T	T	T	T	15
16	0.01	0.02	T	T	0.01	0.01	0.01	0.02	T	T															16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24						T	T	T	T		T		0.01	0.01	0.01	0.08		T 0.03	0.01	0.01	0.03	0.04	0.11	0.11	24
25	0.05	0.05	0.18	0.18	0.06	0.08	0.06	0.07	0.05	0.04	0.02	0.01	0.03	0.03	0.04	0.05	0.02	0.04	0.07	0.19	0.04	0.03	0.07	0.11	25
26	0.18	0.33	0.21	0.06	T	T	T	0.01	0.01	0.01	T	T	T	T	T	T	0.01	0.01	0.02	0.01	0.01	0.07	0.08	0.01	26
27	T	T	0.07	0.02	0.03	0.01	0.06	0.07	0.10	0.13	T	0.01	0.04	0.01	T	T	T	T	T	T	T	T	T	T	27
28	T	0.01	0.03	T	T	0.03	0.01	0.01	T	0.01	0.02	0.03	0.04	0.03	0.02	T	0.02	T	T	T				T	28
29	T		T	T		T	T	T				T													29
30																									30
31																									31

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WRPC, Chattanooga, Tenn. --- 5/6/52 --- 250-D

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

LOCAL CLIMATOLOGICAL DATA

(Formerly Station Meteorological Summary)

RICHMOND, VIRGINIA (Byrd Field) — APRIL 1952

Latitude 37 ° 30 ′ N. Longitude 77 ° 20 ′ W. Eastern Standard time used

Date	Temperature (°F) Maximum	Minimum	Average	Departure from normal	Degree days (base 65°)	Precipitation Total (Water equivalent) (In.)	Snow, Sleet, Hail (In.)	Snow, Sleet, Hail or Ice on ground at 7:30 PM (In.)	Wind Prevailing direction	Average speed (m. p. h.)	Fastest mile Speed (m. p. h.)	Direction	Sunshine Total (hours and minutes)	Percent of possible	Sky cover Sunrise to sunset (tenths)	Midnight to midnight (tenths)	Thunderstorm or distant lightning	Weather restricting visibility to ¼ mile or less	20	21	22	23	Date
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	71	56	64	+13	1	.02	0	0	SSW	11.3	31	SW	3:54	31	9	10							1
2	70	48	59	+ 8	6	.02	0	0	W	8.0	20	NW	9:54	78	4	6							2
3	64	41	53	+ 1	12	0	0	0	W	7.9	19	SW	12:06	95	3	4							3
4	73	41	57	+ 5	8	T	0	0	SE	8.9	23	E	7:54	62	9	9							4
5	73	46	60	+ 8	5	1.00	0	0	WSW	15.8	33	SE	8:32	67	6	6	T						5
6	53	41	47	- 6	18	0	0	0	WSW	12.4	25	SW	4:32	35	7	6							6
7	57	35	46	- 7	19	0	0	0	WSW	7.5	13	NW	9:36	75	5	5							7
8	54	31	43	-10	22	0	0	0	NNE	6.3	12	N	9:10	71	4	5							8
9	60	37	49	- 5	16	0	0	0	N	8.5	15	NE	11:36	90	1	2							9
10	70	34	52	- 2	13	0	0	0	SSE	7.1	19	SE	8:16	64	6	7		F					10
11	68	52	60	+ 6	5	.01	0	0	NNE	10.1	18	NE	10:10	78	3	6							11
12	68	48	58	+ 3	7	T	0	0	E	9.3	17	E	6:28	50	8	9							12
13	78	50	64	+ 9	1	T	0	0	SSE	14.4	33	S	4:44	36	10	10	DL	F					13
14	75	53	64	+ 8	1	.04	0	0	SSW	10.4	15	NW	8:48	67	7	8	T,DL						14
15	59	43	51	- 5	14	.01	0	0	NNW	7.8	19	NW	4:07	31	10	10							15
16	62	39	51	- 5	14	.14	0	0	NNW	8.9	15	NW	6:33	50	7	6							16
17	74	43	59	+ 3	6	0	0	0	WNW	7.9	15	N	13:14	100	0	0							17
18	80	46	63	+ 6	2	0	0	0	W	5.9	10	NW	13:16	100	4	3							18
19	84	49	67	+10	0	0	0	0	NW	4.5	14	SW	13:01	98	7	7							19
20	88	51	70	+13	0	0	0	0	NW	5.2	14	NW	11:43	88	3	2							20
21	87	55	71	+13	0	0	0	0	NNW	6.1	15	NE	12:24	93	2	2							21
22	93	54	74	+16	0	0	0	0	SW	7.9	17	SW	13:00	97	2	2							22
23	90	59	75	+17	0	0	0	0	SSW	11.5	25	NE	11:51	88	6	6							23
24	59	51	55	- 3	10	.46	0	0	ENE	11.0	25	NE	0:00	0	10	10							24
25	57	50	54	- 5	11	1.52	0	0	NNE	6.0	15	N	0:00	0	10	10							25
26	54	49	52	- 7	13	1.22	0	0	NNW	8.1	14	NW	0:00	0	10	10							26
27	55	50	53	- 6	12	.59	0	0	N	13.7	24	NE	0:00	0	10	10							27
28	58	55	57	- 3	8	.29	0	0	N	7.9	13	N	0:00	0	10	10							28
29	59	53	56	- 4	9	T	0	0	NW	8.0	14	NE	0:45	5	10	10							29
30	80	51	66	+ 6	0	0	0	0	NW	7.7	20	N	13:43	100	0	1							30
31																							31
Sum	2073	1411	—	—	—	5.32	0	—	—	266.0	—	—	229:17	—	183	192	—	—					Sum
Avg.	69.1	47.0	—	—	—	—	—	—	—	8.9	Fastest	Dir.	Possible	%	6.1	6.4	—	—					Avg.
										Misc.	33	SE 1/	394:44	58	—	—	—	—					Misc.

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

TEMPERATURE: (°F)

Average monthly 58.1
Departure from normal +2.3
Highest 93 on 22nd
Lowest 31 on 8th
Number of days with —
Max. 32° or below 0
Max. 90° or above 2
Min. 32° or below 1
Min. 0° or below 0

HEATING DEGREE DAYS (base 65°):

Total this month 233
Departure from normal -
Seasonal total (since July 1) 3660
Seasonal departure from normal -

BAROMETRIC PRESSURE (In.)

Avg. station (elev. 164 feet, m.s.l.) 29.784
Highest sea level 30.40 on 9th
Lowest sea level 29.47 on 14th

PRECIPITATION: (In.)

Total for the month 5.32
Departure from normal -
Greatest in 24 hours 2.07 on 25-26th
Snow, Sleet and Hail —
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

Symbols used in columns 18-19

A = Hail
BS = Blowing snow
DL = Distant lightning
D = Dust
S = Sleet
F = Fog
H = Haze
K = Smoke
L = Drizzle
N = Sand
R = Rain
S = Snow
T = Thunderstorm
ZL = Freezing drizzle
ZR = Freezing rain

1/ Also South on 13th

HOURLY PRECIPITATION

Date	A. M. Hour ending at 1	2	3	4	5	6	7	8	9	10	11	12	P. M. Hour ending at 1	2	3	4	5	6	7	8	9	10	11	12	Date
1									.09	T									T				.01		1
2				.01	.01	T																			2
3																									3
4																								T	4
5	T	.04	.15	.30	.32	.03	.16						T												5
6																									6
7																									7
8																									8
9																									9
10																									10
11																						.01		T	11
12	T				T																				12
13																		T	T						13
14			T									T	.04	T								T	T	T	14
15	.01	T																T	T	T	T	T	T	T	15
16	.02	.01	.02	.02	.03	.02	.01	.01	T	T															16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24							T	.01	T	T	T	T	T	T	T	.02	.01	.01	.01	.02	.02	.03	.11	.22	24
25	.05	.05	.09	.16	.16	.05	.07	.08	.05	.01	.01	T	.01	.03	.04	.08	.01	.05	.08	.16	.08	.05	.09	.06	25
26	.17	.35	.22	.09	T	T	.02	T	T	T	T	T	T	T	T	T	T	.02	.03	.01	.01	.22	.07	.01	26
27	T	.01	.10	.01	.01	.05	.10	.06	.10	.10	.01	.01	T	.01	T	T	T		T	T	.01	T	T	.01	27
28	.05	T	T	.01	T	.01	.02	.01	T	T	.02	.05	.03	.03	.02	T	.01	.01	.01	.01				T	28
29	T		T	T	T			T	T		T	T	T	T			T								29
30																									30
31																									31