U. S. DEPARTMENT OF COMMERCE, WEATHER BU[redacted]U

LOCAL CLIMATOLOGICAL DATA

RICHMOND, VIRGINIA (Chimborazo Park) — MAY 1953

Latitude 37° 32′ N. — Longitude 77° 25′ W. — Elevation (ground) 162 ft. — 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.)	Fastest mile Direction	Sunshine Total (hours and minutes)	Sunshine Percent of possible	Sky cover Sunrise to sunset (tenths)	Sky cover Midnight to midnight (tenths)	Thunderstorm or distant lightning	Weather restricting visibility to ¼ mile or less	24-Hrs. Ending 5 PM Maximum Temperature	24-Hrs. Ending 5 PM Minimum Temperature	24-Hrs. Ending 5 PM 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	84	59	72	+10	0	0.00	0	0											83.8	58.7	0.13	1.5	1
2	81	63	72	+10	0	T	0	0											80.9	63.3	T	1.8	2
3	77	56	67	+5	0	0.00	0	0											76.6	56.3	0.00	1.8	3
4	77	57	67	+4	0	0.01	0	0											77.1	57.3	T	1.8	4
5	81	66	74	+11	0	0.14	0	0											81.1	66.3	0.01	1.7	5
6	83	65	74	+11	0	0.41	0	0											82.7	65.5	0.30	1.5	6
7	72	62	67	+3	0	0.20	0	0											71.7	64.0	0.45	1.6	7
8	77	55	66	+2	0	0.00	0	0											76.7	55.2	0.00	1.6	8
9	76	54	65	+1	0	T	0	0											76.1	53.8	0.00	1.6	9
10	82	57	70	+5	0	0.00	0	0											82.2	56.7	T	1.6	10
11	89	58	74	+9	0	0.00	0	0											89.4	57.8	0.00	1.6	11
12	89	64	77	+12	0	0.00	0	0											89.3	63.6	0.00	1.5	12
13	90	64	77	+11	0	0.00	0	0											90.2	63.6	0.00	1.5	13
14	87	65	76	+10	0	0.00	0	0											87.1	65.2	0.00	1.5	14
15	87	66	77	+11	0	0.18	0	0											81.8	66.4	T	1.3	15
16	86	67	76	+9	0	T	0	0											84.9	66.6	0.18	1.3	16
17	88	67	78	+11	0	0.00	0	0											87.9	67.1	T	1.3	17
18	84	65	75	+8	0	0.16	0	0											84.0	69.6	T	1.3	18
19	71	64	68	0	0	0.41	0	0											81.4	63.8	0.49	1.4	19
20	77	63	70	+2	0	T	0	0											77.2	62.8	0.08	1.4	20
21	80	61	71	+3	0	0.00	0	0											80.0	60.9	0.00	2.0	21
22	85	63	74	+5	0	T	0	0											84.8	63.0	T	~~1.9~~ 1.8	22
23	89	69	79	+10	0	0.00	0	0											89.1	73.9	0.00	1.8	23
24	79	63	71	+2	0	0.00	0	0											81.5	63.0	0.00	1.5	24
25	85	63	74	+4	0	0.43	0	0											85.4	62.7	0.00	1.5	25
26	92	69	81	+11	0	T	0	0											92.2	69.1	0.43	1.2	26
27	75	59	67	-3	0	0.00	0	0											91.3	64.9	0.00	1.2	27
28	74	53	64	-7	1	0.00	0	0											73.9	53.0	0.00	1.2	28
29	76	51	64	-7	1	0.00	0	0											75.6	51.1	0.00	1.0	29
30	93	59	76	+5	0	0.12	0	0											92.5	59.0	0.12	1.0	30
31	69	57	63	-8	2	0.48	0	0											78.0	57.0	0.48	1.3	31
Sum	2534	1904				2.54	0				Fastest	Dir.	Possible	%					2566.4	1921.2	2.67	46.2	Sum
Avg.	81.7	61.4																	82.8	62.0	----	1.5	Avg.
										Misc.													Misc.

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

TEMPERATURE: (°F)

Average monthly		71.6
Departure from normal		+5.1
Highest	93 on	30
Lowest	51 on	29
Number of days with —		
Max. 32° or below		0
Max. 90° or above		3
Min. 32° or below		0
Min. 0° or below		0

HEATING DEGREE DAYS (base 65°):

Total this month	4
Departure from normal	-68
Seasonal total (since July 1)	3396
Seasonal departure from normal	-518

BAROMETRIC PRESSURE (In.)

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

PRECIPITATION: (In.)

Total for the month			2.54
Departure from normal			-1.15
Greatest in 24 hours	0.60	on	30-31
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

EXCESSIVE PRECIPITATION

Period, minutes	5	10	15	20	30	45	60	80	100	120	150	180
May 31 amounts	.33	.36	.38	.39	.43	.45	.45	.45	.45	.45	.45	.45

The excessive amounts for all 12 periods are entered whenever the amount for one or more periods equals or exceeds the rate of .01 inch per minute plus .20 inch.

This was the second warmest May in a 56 year record and the driest since 1944.

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																									1
2									T																2
3																									3
4																	T	0.01							4
5																T	T	0.10	0.04				T	T	5
6	T	T	0.01													0.15			0.03	0.19	0.02	0.01		T	6
7									T						T	0.20									7
8																									8
9																				T					9
10																									10
11																									11
12																									12
13																									13
14																									14
15															T				0.18						15
16															T	T		T	T	T			T		16
17																									17
18													T							0.09	0.06	0.01			18
19				T	0.02	T		0.12	0.05	T	0.01	0.06	0.03				0.04	0.06	0.02	T	T	T			19
20									T	T															20
21																									21
22							T																		22
23																									23
24																									24
25																		0.18	0.25						25
26										T															26
27																									27
28																									28
29																									29
30																0.02	0.10								30
31					T	0.45	T			0.03						T	T	T	T	T	T	T	T	T	31

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W.R.P.C., Chattanooga, Tenn. --- 6/5/53 --- 250-D

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

LOCAL CLIMATOLOGICAL DATA

RICHMOND, VA., (Byrd Field) — MAY 1953

Latitude 37 ° 30 ' N. — Longitude 77 ° 20 ' W. — Elevation (ground) 162 ft. — 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 AM (In.)	Wind Prevailing direction	Average speed (m. p. h.)	Fastest mile Speed (m. p. h.)	Fastest mile Direction	Sunshine Total (hours and minutes)	Sunshine Percent of possible	Sky cover Sunrise to sunset (tenths)	Sky cover Midnight to midnight (tenths)	Thunderstorm or distant lightning	Weather restricting visibility to ¼ mile or less	20	21	22	23	Date
1	85	59	72	+11	0	0	0	0	SSW	10.1	22	SW	11:13	82	3	3							1
2	83	65	74	+13	0	0	0	0	SW	11.2	27	SW	7:48	57	8	6	DL						2
3	79	57	68	+15	0	0	0	0	SE	7.8	15	SE	9:30	69	9	9							3
4	78	55	67	+ 5	0	.01	0	0	SSE	7.0	19	SE	5:31	40	9	9							4
5	82	66	74	+12	0	.11	0	0	SSW	10.8	23	SW	4:34	33	10	10	T,DL						5
6	84	65	75	+12	0	.44	0	0	SSW	8.0	30	W	7:13	52	10	10	T,DL						6
7	73	62	68	+ 5	0	T	0	0	S	11.5	21	S	1:39	12	10	9	DL						7
8	78	54	66	+ 3	0	0	0	0	SW	7.0	16	SW	10:28	75	5	3	DL						8
9	75	51	63	- 1	2	0	0	0	NW	5.4	13	NE	10:39	76	6	4	T,DL						9
10	82	54	68	+ 4	0	0	0	0	NNE	6.0	17	NE	14:02	100	0	0	DL						10
11	89	54	72	+ 8	0	0	0	0	SSE	3.5	10	SE	13:28	96	2	2							11
12	90	61	76	+12	0	0	0	0	SSE	7.2	17	SE	13:35	95	2	3							12
13	91	61	76	+11	0	0	0	0	ENE	3.9	9	N	12:56	92	3	2	DL						13
14	90	64	77	+12	0	0	0	0	NE	7.7	13	NE	9:52	70	9	7	DL						14
15	89	66	78	+12	0	.47	T	0	S	8.1	27	NE	12:03	85	7	5	T,DL						15
16	86	65	76	+10	0	T	0	0	N	6.0	13	NW	7:40	54	9	8	T						16
17	89	67	78	+12	0	0	0	0	SSW	9.9	19	SW	8:27	59	8	9							17
18	85	65	75	+ 8	0	.20	0	0	SW	9.4	18	SW	7:58	56	9	9	T						18
19	71	64	68	+ 1	0	.43	0	0	E	5.5	14	W	1:33	11	10	10							19
20	77	62	70	+ 3	0	.01	0	0	E	6.5	13	NE	7:04	49	9	9	DL						20
21	81	57	69	+ 1	0	0	0	0	SE	6.9	15	SE	11:27	80	3	6		F					21
22	86	63	75	+ 7	0	T	0	0	SSW	10.5	15	SW	6:09	43	10	10							22
23	89	68	79	+11	0	0	0	0	NNE	8.9	18	NE	13:38	95	7	6							23
24	80	63	72	+ 3	0	T	0	0	N	5.7	11	NE	9:49	68	9	9							24
25	87	63	75	+ 6	0	.16	0	0	E	5.7	16	E	7:14	50	7	7	T						25
26	94	67	81	+12	0	0	0	0	WNW	9.9	21	NW	11:42	81	6	6		F					26
27	75	58	67	- 3	0	0	0	0	NNW	11.0	23	NW	13:24	92	5	4							27
28	73	52	63	- 7	2	0	0	0	NNW	10.6	22	NW	14:31	100	1	1							28
29	77	48	63	- 7	2	0	0	0	NNW	6.9	17	NE	14:19	98	1	2							29
30	93	58	76	+ 5	0	.06	0	0	SE	7.6	26	N	13:15	91	5	5	T						30
31	70	57	64	- 7	1	.46	0	0	ENE	10.5	20	NE	1:36	11	10	10	T						31
Sum	2561	1871				2.35	T			246.7			294:17		202	193							Sum
Avg.	82.6	60.4								8.0	Fastest	Dir.	Possible	%	6.5	6.2							Avg.
										Misc.	30	W	440:02	67									Misc.

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

TEMPERATURE: (°F)
Average monthly 71.5
Departure from normal + 5.7
Highest 94 on 26th
Lowest 48 on 29th
Number of days with —
Max. 32° or below 0
Max. 90° or above 5
Min. 32° or below 0
Min. 0° or below 0

HEATING DEGREE DAYS (base 65°):
Total this month 7
Departure from normal -
Seasonal total (since July 1) 3616
Seasonal departure from normal -

BAROMETRIC PRESSURE (In.)
Avg. station (elev. 164 feet, m.s.l.) 29.762
Highest sea level 30.36 on 29th
Lowest sea level 29.57 on 26th

PRECIPITATION: (In.)
Total for the month 2.35
Departure from normal -1.29
Greatest in 24 hours 0.63 on 18-19th
Snow, Sleet and Hail —
Total for the month T
Greatest in 24 hours T on 15th
Greatest depth on ground 0 on
Dates of — Hail 15th
Sleet 0 Glaze 0
1/ Hail melted as it fell

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

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																									1
2																									2
3																	T	.01							3
4																T	T	.01	.10				T	T	4
5																.05	.07		.07	.20	.03	.02		T	5
6	T	T	T																						6
7								T																	7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15															T	T			.47						15
16																T		T	T	T			T		16
17																									17
18													T							.10	.08	.02			18
19				T	.03	T		.15	.06	.02	T	.01	.01				T	.11	.04	T	T	T			19
20				T	.01	T																			20
21																									21
22			T				T																		22
23																									23
24													T	T											24
25																		.03	.13						25
26																									26
27																									27
28																									28
29																									29
30																	.06							T	30
31	T	T	T	T	T	.46	T			T						T	T	T	T	T	T	T	T	T	31