

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

RICHMOND, VIRGINIA
 BYRD FIELD
 APRIL 1960

Latitude 37° 30' N. Longitude 77° 20' W. Elevation (ground) 162 ft. Eastern Standard time used

Date	Temperature (°F)			Precipitation (Total (Water equivalent) (In.))	Snow, Sleet (In.)	Snow, Sleet or Ice on ground at 7:00AM (In.)	Wind		Sunshine (Total hours and minutes)	Sky cover (Sunrise to sunset (tenths) Midnight to midnight (tenths))	Thunderstorm or distant lightning	Weather restricting visibility to 1/4 mile or less	Cooling Degree Days (Base 60°)	STAGE James River 8:00AM (feet)	Date			
	Maximum	Minimum	Average				Prevailing direction	Average speed (m. p. h.)								Fastest mile Speed (m. p. h.)	Direction	
1	71	40	56	+4	0	0	SE	4.8	12	SW	10:42	85	4	3	0	9.3		
2	70	46	58	+6	7	T	ENE	11.8	22	E	8:29	67	10	8	0	10.6		
3	58	47	58	+5	7	0	NE	9.3	24	S	0:00	0	10	10	0	7.0		
4	59	69	69	+16	0	0	SSW	10.2	17	SW	3:14	25	10	10	0	4.5		
5	63	43	53	-8	12	1.06	WSW	12.3	25	SW	7:05	55	7	6	0	5.9		
6	56	36	46	-8	19	0	W	11.3	13	W	8:50	69	3	4	0	9.8		
7	71	50	61	+7	4	0	SSW	9.9	17	NW	10:49	84	1	3	1	12.1		
8	71	38	55	+1	10	0	W	9.9	25	W	12:52	100	2	3	0	7.6		
9	62	39	51	-3	14	0	NNW	10.8	22	NW	12:53	100	1	2	0	6.5		
10	54	32	43	-12	28	0	NW	10.0	22	NW	12:11	94	3	3	0	3.7		
11	62	27	45	-10	20	0	SSW	8.0	15	SW	12:38	98	1	3	0	2.8		
12	83	49	66	+11	0	0	SW	11.7	23	SW	11:20	87	7	6	0	2.2		
13	81	43	62	+7	3	0	SE	9.9	15	S	13:04	100	1	1	0	2.4		
14	90	54	72	+16	0	0	SSW	11.4	20	SW	11:41	89	4	4	0	2.9		
15	86	58	72	+16	0	0	SW	8.6	15	SW	11:20	86	8	7	0	3.0		
16	87	57	72	+16	0	0	SSW	7.7	12	SW	12:04	92	3	2	0	3.3		
17	85	62	74	+17	0	0	S	13.2	21	S	11:03	84	9	6	0	3.3		
18	71	47	59	+2	6	.18	SSW	11.0	24	NW	4:59	38	10	7	1	2.8		
19	63	38	51	-6	14	0	ENE	6.6	13	SE	12:38	95	6	3	0	2.1		
20	74	35	55	-3	10	0	SE	8.5	17	SE	13:06	98	5	4	0	0.7		
21	82	51	67	+9	0	0	SSW	11.1	18	S	13:22	100	6	6	0	0.0		
22	82	60	71	+13	0	.63	W	7.0	18	W	11:54	89	4	4	0	0.5		
23	92	55	74	+15	0	0	SW	7.8	11	SW	13:27	100	3	2	0	0.0		
24	93	59	76	+17	0	0	SW	7.6	14	W	12:43	94	5	3	0	0.7		
25	92	64	78	+19	0	0	WSW	8.1	14	W	11:40	86	5	4	0	1.3		
26	96	62	79	+20	0	0	SSW	8.2	17	N	12:05	89	3	3	0	1.9		
27	80	57	69	+9	0	.09	N	9.5	22	N	7:46	57	9	8	0	2.5		
28	61	43	52	-8	13	.15	N	7.9	17	NE	4:23	32	9	7	0	2.7		
29	72	40	56	-4	9	0	SE	6.9	13	SE	12:21	90	3	3	0	3.4		
30	71	48	60	-1	5	T	SE	11.9	17	SE	10:15	75	9	7	0	3.3		
31																		
Sum	2267	1439			3.57	0		282.9			310:45		161	142		99	118.8	Sum
Avg	75.6	48.0						9.4	Fastest	Dir.	Possible	%	5.4	4.7		4.0		Avg.
T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure. Misc. 25 W / 1 394:44 79																		

TEMPERATURE: (°F) Average monthly 61.8
 Departure from normal +5.7
 Highest 96 on 26th
 Lowest 27 on 11th
 Number of days with -
 Max. 32° or below 0
 Max. 90° or above 5
 Min. 32° or below 2
 Min. 0° or below 0

HEATING DEGREE DAYS (base 65°):
 Total this month 184
 Departure from normal - 87
 Seasonal total (since July 1) 4122
 Seasonal departure from normal +233

PRECIPITATION: (In.)
 Total for the month 3.57
 Departure from normal +.34
 Greatest in 24 hours 1.63 on 4th & 5th
 Snow, Sleet -
 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

BAROMETRIC PRESSURE (In.)
 Avg. station (elev. 164 *feet, m. s. l.) 29.854
 Highest sea level 30.53 on 19th
 Lowest sea level 29.55 on 5th

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

*When this elevation differs from the present station elevation this level was selected to permit comparison of data for a longer period of homogeneous record.

/1 Indicates only last of several occurrences.

Based on records of more than 60 years, and following the coldest March of record, this was the warmest April on record. New high temperature records for the dates were established on the 23rd and 26th. Only one other April (1915) had four consecutive days with maximum 90° or more. A new low record for the date was set on the 11th. Minor floods occurred on the James River with crests occurring on the 2nd and 7th; little damage occurred other than the interruption of river shipping traffic and harbor facilities. James River crested on the 2nd at 10.8 at 10 A.M., and on the 7th at 12.2 ft. at 6 A.M.

HOURLY PRECIPITATION (In.)

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	T	.01	.02	.01	.02	.04	.09	.09	.01	.02	.24	.11	.01	.03	T	T	.05		T	T	T		T	T	3	
4	.02		T	T												.01	.24	.11	.04	.01	T		T	.06	.10	4
5	.12	.27	.34	.04	.08	.08	.11	.01	T																	5
6																										6
7																										7
8																										8
9																										9
10																										10
11																										11
12																										12
13																										13
14																										14
15																										15
16																										16
17																										17
18							T	T	.08	.10	T	T	T												18	
19																										19
20																										20
21																										21
22	.20	.11	.14	.18	T																					22
23																										23
24																										24
25																										25
26																										26
27																										27
28	.01	T	T	.01	T	.01	.02	.02	.02	.03	.03	T	T	T		T	.02	.01	.02	.03	.01				28	
29																										29
30																										30
31																										31

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DEPARTMENT OF COMMERCE, WEATHER BUREAU
LOCAL CLIMATOLOGICAL DATA

CHIMBORAZO PARK, RICHMOND, VIRGINIA
 NATIONAL BATTLEFIELD PARK HEADQUARTERS
 APRIL 1960

Latitude 37° 32' N. Longitude 77° 27' W. Elevation (ground) 170 ft. Eastern Standard time used

Date	Temperature (°F)			Precipitation	Snow, Sleet, or Ice on ground at (In.)	Wind			Sunshine	Sky cover		Thunderstorm or distant lightning	Weather restricting visibility to ¼ mile or less					Date						
	Maximum	Minimum	Average			Departure from normal	Degree days (base 65°)	Prevailing direction		Average speed (m. p. h.)	Fastest mile								Total (hours and minutes)	Percent of possible	Sunrise to sunset (tenths)	Midnight to midnight (tenths)		
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	60	41	51	-2	14	0																		1
2	65	47	56	+3	9	0																		2
3	71	44	58	+5	7	.65																		3
4	72	48	60	+7	5	.50																		4
5	75	46	61	+7	4	1.64																		5
6	61	35	48	-6	17	.05																		6
7	56	38	47	-7	18	0																		7
8	71	40	56	+1	9	0																		8
9	70	42	56	+1	9	0																		9
10	64	34	49	-6	16	0																		10
11	55	29	42	-14	23	0																		11
12	61	42	52	-4	13	0																		12
13	83	51	67	+11	0	0																		13
14	81	53	67	+11	0	0																		14
15	87	58	73	+16	0	0																		15
16	86	56	71	+14	0	0																		16
17	87	57	72	+15	0	0																		17
18	87	62	75	+17	0	.03																		18
19	68	40	54	-4	11	.12																		19
20	68	37	53	-5	12	0																		20
21	72	42	57	-2	8	0																		21
22	80	52	66	+7	0	.63																		22
23	84	56	70	+11	0	0																		23
24	92	59	76	+16	0	0																		24
25	93	64	79	+19	0	0																		25
26	92	63	78	+18	0	0																		26
27	95	61	78	+18	0	0																		27
28	80	53	67	+6	0	.08																		28
29	62	42	52	-9	13	.13																		29
30	73	41	57	-4	8	0																		30
31																								31
Sum	2251	1433				3.83																		Sum
Avg	75.0	47.8									Fastest	Dir.	Possible	%										Avg.

T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure. Misc.

TEMPERATURE: (°F)
 Average monthly 61.4
 Departure from normal +4.6
 Highest 95 on 27th
 Lowest 29 on 11th
 Number of days with -
 Max. 32° or below 0
 Max. 90° or above 4
 Min. 32° or below 1
 Min. 0° or below 0

HEATING DEGREE DAYS (base 65°):
 Total this month 196
 Departure from normal -58
 Seasonal total (since July 1) 4173
 Seasonal departure from normal +510

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

PRECIPITATION: (In.)
 Total for the month 3.83
 Departure from normal +.56
 Greatest in 24 hours 1.64 on 5th
 Snow, Sleet -
 Total for the month 0
 Greatest in 24 hours 0 on -
 Greatest depth on ground 0 on -
 Dates of - Hall
 Sleet Glaze

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

*When this elevation differs from the present station elevation this level was selected to permit comparison of data for a longer period of homogeneous record.

1 Observation day for 24 hours ending at 8 A.M. Maximum temperatures will usually have occurred on calendar day preceding date of entry.