

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

RICHMOND, VIRGINIA  
BYRD FIELD  
JUNE 1961

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

Table with 24 columns: Date, Temperature (Maximum, Minimum, Average, Departure from normal, Degree days), Precipitation (Total, Snow, Sleet), Snow, Sleet, or Ice on ground at 7:00 AM, Wind (Prevailing direction, Average speed, Fastest mile), Sunshine (Total hours, Percent of possible), Sky cover (Sunrise to sunset, Midnight to midnight), Thunderstorm or distant lightning, Weather restricting visibility, Cooling Degree Days, James River Stage at City Locks, Stage in Feet, Date.

Summary statistics for Temperature, Heating Degree Days, Precipitation, and Barometric Pressure. Includes monthly and seasonal totals and averages.

Temperature averaged near or little above normal for first 14 days, followed by below normal for remainder of the month. New record low temperatures for date set 17th, 18th, and 19th. Wettest June since 1938 and fifth wettest June on record.

HOURLY PRECIPITATION (In.)

Hourly precipitation table with columns for Date and A.M. Hour ending at (1-12) and P.M. Hour ending at (1-12). Shows precipitation amounts for each hour.

Known errors found in this issue will be published in later issues. Subscription Price: Monthly Local Climatological Data \$1.00 per year including annual Summary if published; \$1.00 per year for monthly Supplement only; \$1.50 per year for monthly Summary, monthly Supplement and annual Summary if published. Single copy prices: 10 cents for monthly Summary; 10 cents for monthly Supplement; 15 cents for annual Summary. Checks and money orders should be made payable and remittances and correspondence should be sent to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C. USCOMM-WB-ASHEVILLE 7-3-61 - 300-D

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

CHIMBORAZO PARK, RICHMOND, VIRGINIA  
 BATTLEFIELD PARK HEADQUARTERS  
 JUNE 1961

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

Date	Temperature (°F)			Precipitation (Water equivalent) (In.)	Snow, Sleet, or Ice on ground at 8:00 AM (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					Date							
	Maximum	Minimum	Average			Prevailing direction	Average speed (m. p. h.)											Speed (m. p. h.)	Direction					
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	78	56	67	-5	0	0																		1
2	88	64	76	+4	0	0																		2
3	94	61	78	+6	0	0																		3
4	91	60	76	+3	0	0																		4
5	83	58	71	+2	0	0																		5
6	82	59	71	+2	0	0																		6
7	82	66	74	+1	0	0																		7
8	90	64	77	+4	0	0																		8
9	89	68	79	+5	0	0																		9
10	90	62	76	+2	0	.59																		10
11	87	67	77	+3	0	.34																		11
12	90	68	79	+5	0	.44																		12
13	91	67	79	+4	0	0																		13
14	91	68	80	+5	0	.05																		14
15	87	59	73	+1	0	.47																		15
16	62	52	57	-18	0	.16																		16
17	73	51	62	-13	3	0																		17
18	76	52	64	-12	1	0																		18
19	79	54	67	-9	0	0																		19
20	82	56	69	-7	0	0																		20
21	86	65	76	0	0	.22																		21
22	71	67	69	-7	0	1.89																		22
23	83	65	74	-2	0	0																		23
24	87	63	75	-1	0	.29																		24
25	81	60	71	-6	0	.19																		25
26	81	63	72	-5	0	0																		26
27	72	59	66	-11	0	1.10																		27
28	69	58	64	-13	1	T																		28
29	73	60	67	-10	0	0																		29
30	82	63	73	-4	0	0																		30
31																								31
Sum	2470	1835				7.01																		Sum
Avg	82.3	61.2									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 71.8  
 Departure from normal -2.9  
 Highest 94 on 3rd  
 Lowest 51 on 17th  
 Number of days with -  
 Max. 32° or below 0  
 Max. 90° or above 7  
 Min. 32° or below 0  
 Min. 0° or below 0

HEATING DEGREE DAYS (base 65°):  
 Total this month 13  
 Departure from normal +13  
 Seasonal total (since July 1) 4085  
 Seasonal departure from normal +328

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

PRECIPITATION: (In.)  
 Total for the month 7.01  
 Departure from normal +3.23  
 Greatest in 24 hours 1.89 on 22nd  
 Snow, Sleet -  
 Total for the month 0  
 Greatest in 24 hours 0 on -  
 Greatest depth on ground 0 on -  
 Dates of - Hail  
 Sleet 0 Glaze 0

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 the date of entry.