

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

RICHMOND, VIRGINIA
 BIRD FIELD
 MAY 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, or Ice on ground at 7:00AM (In.)	Wind			Sunshine (Total (hours and minutes) Percent of possible)	Sky cover		Thunderstorm or distant lightning (tenths)	Weather restricting visibility to 1/4 mile or less (tenths)	Cooling Degree Days (Base 65°)	STAGE James River 8:00AM (feet)	Date				
	Maximum	Minimum	Average			Prevailing direction	Average speed (m. p. h.)	Fastest mile Speed (m. p. h.)		Direction	Thunderstorm or distant lightning (tenths)						Midnight to midnight (tenths)			
1	77	50	64	+3	1	.34	0	0	N	11.4	18	N	7:04	51	8	0	0	3.4	1	
2	65	41	53	-8	12	0	0	0	N	8.3	15	NE	13:46	100	0	0	0	3.3	2	
3	70	40	55	-7	10	0	0	0	ESE	7.3	16	SE	11:31	83	5	3	0	2.6	3	
4	73	43	58	-4	7	0	0	0	E	10.5	20	E	13:14	96	4	2	2	2.6	4	
5	76	48	62	0	3	0	0	0	E	9.5	17	SE	13:40	99	4	2	2	1.3	5	
6	78	48	63	0	2	0	0	0	ESE	9.4	17	SE	13:10	95	7	5	5	0.1	6	
7	78	48	63	0	2	.01	0	0	E	12.4	22	E	9:37	69	9	9	9	0.4	7	
8	68	53	61	-2	4	.35	0	0	SE	12.1	22	SE	1:10	8	10	10	10	0.8	8	
9	65	48	57	-7	8	.02	0	0	WSW	10.8	24	W	11:56	85	4	6	6	0.6	9	
10	72	50	61	-3	4	0	0	0	S	10.7	18	SW	10:25	74	5	6	6	5.2	10	
11	68	52	60	-4	5	0	0	0	NNE	7.2	14	N	9:06	64	7	8	8	6.1	11	
12	55	50	53	-11	12	.61	0	0	NNW	7.1	16	SW	0:15	2	10	10	10	3.9	12	
13	65	50	58	-7	7	0	0	0	SW	6.5	13	W	8:41	61	8	8	8	3.7	13	
14	66	46	56	-9	9	0	0	0	W	7.1	18	W	8:10	58	8	6	6	3.5	14	
15	80	47	64	-2	1	0	0	0	WSW	9.0	23	W	14:11	100	0	2	2	3.3	15	
16	88	53	71	+5	0	0	0	0	WSW	8.7	19	W	13:31	95	5	3	3	2.7	16	
17	88	59	74	+8	0	0	0	0	S	8.5	26	NE	11:31	79	5	4	4	2.6	17	
18	81	60	71	+4	0	0	0	0	NW	9.0	18	NW	13:30	95	3	2	2	2.5	18	
19	78	57	68	+1	0	0	0	0	NE	8.3	14	NE	12:41	86	6	5	5	1.9	19	
20	85	54	70	+3	0	0	0	0	SSW	9.4	16	S	11:46	82	3	4	4	0.3	20	
21	91	63	77	+9	0	.04	0	0	SE	8.6	28	NE	9:35	67	10	9	9	0.3	21	
22	83	65	74	+6	0	0	0	0	E	7.6	17	E	8:14	57	6	6	6	0.7	22	
23	82	58	70	+2	0	0	0	0	W	7.3	17	W	8:01	56	8	7	7	1.9	23	
24	86	52	69	0	0	0	0	0	SW	8.6	17	SW	14:26	100	3	2	2	1.2	24	
25	84	61	73	+4	0	.12	0	0	E	7.0	13	SE	10:18	71	7	8	8	1.5	25	
26	81	57	69	0	0	0	0	0	E	6.8	15	SE	10:36	73	7	7	7	2.1	26	
27	72	62	67	-3	0	.76	0	0	E	12.6	22	SE	2:13	15	10	10	10	2.4	27	
28	77	61	69	-1	0	.09	0	0	NE	8.9	13	NE	5:46	40	10	10	10	2.7	28	
29	69	58	64	-6	1	0	0	0	N	6.0	11	NE	0:00	0	10	10	10	4.7	29	
30	85	58	72	+1	0	.75	0	0	SSE	8.0	27	NW	8:11	56	8	7	7	6.2	30	
31	84	59	72	+1	0	0	0	0	WSW	7.9	16	SW	14:32	100	2	1	1	4.5	31	
Sum	2370	1651				3.59	0			272.5			300:09		192	181		134	77.4	Sum
Avg	76.5	53.3								8.8	Fastest	Dir.	Possible	%	6.2	5.8			2.5	Avg.
											Misc.	NE	44:02	68						Misc.

T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure. Misc. 28

TEMPERATURE: (*F) Average monthly 64.9 Departure from normal -0.9 Highest 91 on 21st Lowest 40 on 3rd 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 88 Departure from normal +22 Seasonal total (since July 1) 4210 Seasonal departure from normal +255

BAROMETRIC PRESSURE (In.) Avg. station elev. 164 *feet, m. s. l.) 29.757 Highest sea level 30.32 on 4th Lowest sea level 29.51 on 8th

PRECIPITATION: (In.) Total for the month 3.59 Departure from normal -0.05 Greatest in 24 hours .87 on 8-9 Snow, Sleet- Total for the month 0 Greatest in 24 hours 0 on - Greatest depth on ground 0 on - Dates of - Hail 30th Sleet 0 Glaze 0

Symbols used in columns 18-19 A = Hail B = Blowing snow DL = Distant lightning D = Dust DL = Distant lightning E = Sleet F = Fog H = Haze K = Smog L = Drizzle N = Sand R = Rain S = Snow T = Thunderstorm ZL = Freezing drizzle ZR = Freezing rain

*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.

Soil moisture insufficient for agricultural needs from the 15th through the 26th.

Excessive Precipitation
 Period: Minutes 5 10 15 20 30 45 60 80 100 120 150 180
 May 30th Amounts .38 .59 .71 .75 .75 .75 .75 .75 .75 .75 .75 .75

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	T					.01	.10	.11	.07	.04	.01														1	
2																										2
3																										3
4																										4
5																										5
6																										6
7																										7
8																										8
9	T	.01	.01	T	T	.01	T	T	.17	.07	.04	.28	.10	.03	T		.05	.04	T				.01	.01	9	
10																										10
11																										11
12	T	T	T	.01	T	.01	.02	.08	.13	.28	.07	.01	T	T	T								T	T	12	
13																										13
14																										14
15																										15
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24																										24
25																										25
26																										26
27	T	.02	.19	.10	.02	T							.02	.02	.04	T		.02	.01					T	.32	27
28	T	.01	.06	.01	.01																			T	T	28
29	T	T	T	T	T	T	T																			29
30																										30
31																		.58	.17							31

Known errors found in this issue will be published as errata in later issues. 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.

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

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

Latitude $37^{\circ} 32' N.$ Longitude $77^{\circ} 27' W.$ Elevation (ground) 170 ft. Eastern Standard time used

Date	Temperature (°F)			Precipitation (In.)	Snow, Sleet (In.)	Snow, Sleet or Ice on ground (In.)	Wind			Sunshine (hours and minutes)	Sky cover			Thunderstorm or distant lightning	Weather restricting visibility to 1/4 mile or less	20	21	22	23	Date			
	Maximum	Minimum	Average				Prevailing direction	Average speed (m. p. h.)	Fastest mile Speed (m. p. h.)		Direction	Total	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	72	58	65	-3	0	0.14																	1
2	68	43	56	+6	9	0																	2
3	77	41	59	+3	6	0																	3
4	71	43	57	+6	8	0																	4
5	75	48	62	-1	3	0																	5
6	77	49	63	0	2	0																	6
7	79	50	65	-1	0	0																	7
8	79	57	68	-4	0	.28																	8
9	72	48	60	+4	5	.98																	9
10	65	49	57	+8	8	0																	10
11	73	51	62	+3	3	.04																	11
12	70	47	59	+6	6	0																	12
13	56	46	51	+15	14	.40																	13
14	65	44	55	+11	10	0																	14
15	70	45	58	+8	7	0																	15
16	80	56	68	-1	0	0																	16
17	83	61	72	-5	0	0																	17
18	89	58	74	-7	0	0																	18
19	83	57	70	-2	0	0																	19
20	85	56	71	-3	0	0																	20
21	85	63	74	-6	0	0																	21
22	92	64	78	-9	0	0																	22
23	85	62	73	-4	0	0																	23
24	81	52	67	-8	0	0																	24
25	85	57	71	-1	0	0																	25
26	85	58	72	-2	0	.16																	26
27	81	60	71	-1	0	.40																	27
28	74	60	67	+4	0	.44																	28
29	76	59	68	+3	0	0																	29
30	77	59	68	+3	0	T																	30
31	86	59	73	-2	0	.45																	31
Sum	2396	1660				3.29																	Sum
Avg	77.3	52.5									Fastest	Dir.	Possible	%									Avg.

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

TEMPERATURE: (°F)
 Average monthly 63.8
 Departure from normal -2.7
 Highest 89 on 18
 Lowest 41 on 3
 Number of days with -
 Max. 32° or below 0
 Max. 90° or above 0
 Min. 32° or below 0
 Min. 0° or below 0

HEATING DEGREE DAYS (base 65°):
 Total this month 81
 Departure from normal +24
 Seasonal total (since July 1) 4254
 Seasonal departure from normal -34
BAROMETRIC PRESSURE (In.)
 Avg. station (elev. *feet, m. s. l.)
 Highest sea level on
 Lowest sea level on

PRECIPITATION: (In.)
 Total for the month 3.29
 Departure from normal - .40
 Greatest in 24 hours 98 on 9th
 Snow, Sleet -
 Total for the month 0
 Greatest in 24 hours 0 on -
 Greatest depth on ground 0 on
 Dates of - Hail 30th
 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 date of entry.