



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

RICHMOND, VIRGINIA
 BYRD FIELD
 MAY 1964

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

Date	Temperature (°F)						Precipitation		Snow, Sleet, or Ice on ground at 7:00 A.M. (In.)	Wind			Sunshine		Sky cover			Thunderstorm or distant lightning	Weather restricting visibility to 1/4 mile or less	Cooling Degree Days (Base 60)	James River Stage at City Locks* Stage in Feet, 8 AM	Date
	Maximum	Minimum	Average	Departure from normal	Degree days (base 65)	Total (Water equivalent) (In.)	Snow, Sleet (In.)	Prevaling direction		Average speed (m. p. h.)	Fastest mile		Total (hours and minutes)	Percent of possible	Sunrise to sunset (tenths)	Midnight to midnight (tenths)						
											Speed (m. p. h.)	Direction										
1	55	48	52	-11	13	T	0	0	02	9.8	13	N	0:00	0	10	10			0	3.2		1
2	64	45	55	-8	10	.01	0	0	06	11.3	17	E	4:30	33	8	9			0	3.4		2
3	61	45	53	-10	12	.16	0	0	06	13.1	17	NE	0:00	0	10	10			0	M		3
4	75	49	62	-2	3	0	0	0	04	8.5	12	NE	9:03	65	4	5			0	3.1		4
5	75	43	59	-5	6	0	0	0	09	7.8	14	E	13:35	98	4	3			0	1.6		5
6	76	48	62	-3	3	0	0	0	01	6.8	10	NE	13:12	95	1	1			1	0.2		6
7	84	45	65	0	0	0	0	0	19	5.4	10	S	10:30	75	8	5			4	-0.4		7
8	91	57	74	+9	0	0	0	0	24	7.4	14	SW	11:01	79	6	5			10	-0.5		8
9	92	67	80	+15	0	0	0	0	23	10.5	20	SW	8:16	59	9	8			13	-0.3		9
10	87	64	76	+10	0	0	0	0	25	11.2	22	NW	11:06	79	4	4			8	0.4		10
11	85	52	69	+3	0	0	0	0	27	6.8	16	NW	10:14	73	5	4			6	0.9		11
12	85	62	74	+8	0	.13	0	0	21	6.6	17	W	6:24	45	9	9		T	9	1.4		12
13	75	63	69	+3	0	.44	0	0	18	7.8	19	NW	0:57	7	10	9		T	7	1.8		13
14	74	57	66	-1	0	0	0	0	31	9.4	16	N	7:13	51	6	7		T	4	2.2		14
15	66	47	57	-10	8	0	0	0	36	9.7	17	N	10:57	77	4	4			0	2.7		15
16	77	43	60	-7	5	0	0	0	18	6.7	9	S	10:56	77	3	2			2	2.6		16
17	86	53	70	+2	0	.01	0	0	32	6.3	25	NW	10:09	71	5	3		T	6	1.9		17
18	83	58	71	+3	0	0	0	0	01	6.3	11	NE	14:12	100	1	1			7	1.5		18
19	88	55	72	+4	0	0	0	0	22	10.2	18	SW	14:18	100	2	1			9	0.3		19
20	89	61	75	+7	0	0	0	0	04	9.8	17	N	14:06	98	1	1			10	-0.6		20
21	74	52	63	-6	2	0	0	0	05	8.5	13	NE	14:20	100	1	1			1	-1.1		21
22	86	49	68	-1	0	0	0	0	20	9.2	15	SW	14:06	98	3	2			8	-0.6		22
23	92	62	77	+8	0	0	0	0	20	6.9	11	SW	10:42	74	3	4			13	-0.4		23
24	91	66	79	+10	0	0	0	0	23	9.4	14	SW	10:01	69	6	7			14	0.4		24
25	85	60	73	+4	0	.16	0	0	33	9.1	15	NW	11:28	79	4	5			9	0.3		25
26	82	48	65	-5	0	0	0	0	18	5.3	11	SW	14:27	100	5	5			4	0.4		26
27	87	59	73	+3	0	0	0	0	25	9.7	18	SW	10:38	74	9	8			7	0.7		27
28	73	56	65	-5	0	.03	0	0	05	5.8	10	N	1:06	8	9	8			2	0.9		28
29	71	51	61	-10	4	.20	0	0	06	8.0	12	NE	11:01	76	7	6			0	2.0		29
30	74	44	59	-12	6	0	0	0	09	8.0	15	E	12:56	89	4	4		F, H	1	2.6		30
31	70	55	63	-8	2	0	0	0	07	6.5	10	E	2:23	16	10	9			2	2.2		31
Sum	2453	1664				1.14	0			257.8			293:47	171	160				157	33.5		Sum
Avg	79.1	53.7								8.3	Fastest 25	Dir. NW	Possible 439:51	% 67	5.5	5.2				1.1		Avg. Misc.

T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure. Misc. 25

TEMPERATURE: (°F)
 Average monthly 66.4
 Departure from normal -0.6
 Highest 92 on 9th, 23rd
 Lowest 43 on 5th, 16th
 Number of days with -
 Max. 32° or below 0
 Max. 90° or above 4
 Min. 32° or below 0
 Min. 0° or below 0

HEATING DEGREE DAYS (base 65°):
 Total this month 74
 Departure from normal +18
 Seasonal total (since July 1) 4255
 Seasonal departure from normal +341

PRECIPITATION: (In.)
 Total for the month 1.14
 Departure from normal -2.58
 Greatest in 24 hours .48 on 12-13th
 Snow, Sleet -
 Total for the month 0
 Greatest in 24 hours 0 on --
 Greatest depth on ground 0 on --
 Dates of - Hail NONE
 Sleet NONE Glaze/Rime NONE

BAROMETRIC PRESSURE (In.)
 Avg. station (elev. 164 *feet, m. s. l.) 29.860
 Highest sea level 30.39 on 21st
 Lowest sea level 29.70 on 9th

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.

NO EXCESSIVE PRECIPITATION
 Driest May since 1.11 inches in 1942 and fourth driest May in 93 years of record.
 ERRATA: April 1964, hourly precipitation; on 7th .01 at 4 PM, T at 5 PM, 0 at 6 PM; on 27th, 0 at 8 PM, T at 10 PM.
 † If figures are carried in columns 10 and 13 they indicate directions in tens of degrees from true North; for example, 9 = East, 18 = South, 27 = West, and 36 = North.
 ** Zero of City Locks Gage at 0 feet MSL.

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						T	T	T									T	T	T	T	T	T	1	
2						.01	T																	2	
3	T	.01	.05	.07	T	T			T	.02	.01	T	T											3	
4																								4	
5																								5	
6																								6	
7																								7	
8																								8	
9																								9	
10																								10	
11																								11	
12						T	.01	T	.15	.01	.04	T				T	.09	.03						12	
13													T	T	T	.16	.07	.01				T	T	13	
14																								14	
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23																								23	
24																								24	
25	T	.10	.06	T																				25	
26																								26	
27																								27	
28												T												28	
29	.02	.02	.05	.06	.03	.02	T						T	.01	T								.01	.01	29
30																								30	
31																								31	

Corrections, if any, to data in this issue will be published in a later issue.
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 USCOMM-WB-Asheville 6-3-64-300