



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

RICHMOND, VIRGINIA
 BYRD FIELD
 FEBRUARY 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 (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, 8AM	22	23	24
	Maximum	Minimum	Average	Departure from normal	Degree days (base 65°)	Total (Water equivalent) (In.)	Snow, Sleet (In.)		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	51	36	44	+5	21	.33	0	0	36	5.2	9	W	3:33	34	9	8			0	2.1			1
2	51	28	40	+1	25	0	0	0	32	10.0	17	NW	7:42	74	4	2			0	2.6			2
3	47	23	35	-4	30	0	0	0	36	7.9	15	N	10:24	100	0	0			0	1.6			3
4	54	15	35	-4	30	0	0	0	23	5.8	12	SW	10:26	100	0	0			0	0.7			4
5	66	24	45	+6	20	0	0	0	25	6.1	11	W	10:15	98	1	3			0	0.2			5
6	61	41	51	+12	14	.59	0	0	22	16.6	33	SW	5:00	48	8	9			0	0.3			6
7	56	42	49	+9	16	.12	0	0	23	11.8	20	SW	7:42	73	10	7			0	0.4			7
8	42	29	36	-4	29	.21	.5	T	30	11.0	23	W	10:11	96	0	3			0	2.2			8
9	50	23	37	-3	28	T	0	0	26	6.6	17	SE	9:01	85	2	3			0	1.4			9
10	52	33	43	+3	22	.01	T	0	26	10.6	17	E	8:44	82	4	7			0	0.5			10
11	36	24	30	-10	35	.27	2.4	0	36	15.2	22	N	0:00	0	10	10			0	0.8			11
12	41	21	31	-9	34	0	0	2	35	9.5	16	N	9:34	89	4	3			0	1.1			12
13	46	22	34	-6	31	.01	0	T	20	8.4	18	SW	1:18	12	10	8			0	0.9			13
14	49	24	37	-3	28	T	0	0	32	8.1	12	NW	8:33	79	4	5			0	1.6			14
15	41	22	32	-8	33	1.15	0	0	18	6.4	13	S	2:35	24	10	8			0	1.4			15
16	51	25	38	-2	27	.09	0	0	32	14.0	31	N	8:48	81	3	4			0	2.3			16
17	49	21	35	-5	30	0	0	0	17	5.5	9	S	10:54	100	0	0			0	4.0			17
18	46	28	37	-3	28	.68	0	0	17	9.3	11	SE	0:00	0	10	10			0	3.1			18
19	48	35	42	+2	23	T	0	0	26	11.4	22	W	1:57	18	9	8			0	3.6			19
20	49	31	40	0	25	0	0	0	31	12.6	17	NW	10:00	91	5	4			0	4.1			20
21	43	25	34	-6	31	0	0	0	31	9.0	17	NW	9:20	84	3	2			0	2.0			21
22	40	23	32	-9	33	0	0	0	31	7.0	16	NW	6:38	60	7	5			0	0.4			22
23	38	21	30	-11	35	0	0	0	02	7.5	10	N	11:08	100	0	0			0	-0.1			23
24	54	24	39	-2	26	0	0	0	22	10.8	14	W	9:12	82	6	4			0	-0.3			24
25	38	23	31	-10	34	.18	T	0	07	5.5	11	NW	0:00	0	10	7		F	0	-0.2			25
26	59	29	44	+2	21	0	0	0	24	10.1	22	SW	8:37	77	7	7		F	0	0.4			26
27	44	26	35	-7	30	0	0	0	12	6.3	13	SE	8:42	77	7	6			0	0.5			27
28	37	29	33	-9	32	.82	7.3	0	10	10.0	24	NW	0:28	4	10	10		SF	0	1.5			28
29	44	25	35	-7	30	0	0	7	29	8.1	14	NW	11:21	100	0	2			0	1.7			29
30																							30
31																							31
Sum	1383	772				4.46	10.2			266.3			202:03		153	145			0	40.8			Sum
Avg	47.7	26.6								9.2	Fastest 33	Dir. SW	Possible 314:05	% 64	5.3	5.0			0	1.4			Avg

T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure. Misc. 9.2 33

TEMPERATURE: (°F)
 Average monthly 37.2
 Departure from normal -2.7
 Highest 66 on 5th
 Lowest 15 on 4th
 Number of days with -
 Max. 32° or below 0
 Max. 90° or above 0
 Min. 32° or below 24
 Min. 0° or below 0

HEATING DEGREE DAYS (base 65°):
 Total this month 801
 Departure from normal -75
 Seasonal total (since July 1) 3338
 Seasonal departure from normal +280
 BAROMETRIC PRESSURE (In.)
 Avg. station (elev. 164 *feet, m. s. l.) 29.721
 Highest sea level 30.44 on 3rd
 Lowest sea level 29.08 on 6th

PRECIPITATION: (In.)
 Total for the month 4.46
 Departure from normal +1.56
 Greatest in 24 hours 1.24 on 15-16
 Snow, Sleet -
 Total for the month 10.2
 Greatest in 24 hours 7.3 on 28th
 Greatest depth on ground 7 on 28,29
 Dates of - Hail NONE
 Sleet NONE Glaze/Rime NONE

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.

† 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	.12	.10	.08	.03	T																				1		
2																										2	
3																										3	
4																										4	
5																										5	
6																										6	
7				.01	.11	.26	.04	.12	.04	T	.01															7	
8																										8	
9	.04	.05	.04	.02	.04	.02	T																			9	
10	T	T																								10	
11				T	.02	.02	T	T	.01	T	T	T	.01	.03	.04	.03	.03	.03	.03	.02	T	T	.01	T		11	
12																										12	
13																										13	
14	T	T	T	T																						14	
15																										15	
16	.08	.01	T	T																						16	
17																										17	
18																										18	
19	T									T	T	T	.02	.01	.03	.05	.01	.03	.07	.14	.09	.06	.05	.08	.03	.01	19
20																										20	
21																										21	
22																										22	
23																										23	
24																										24	
25																										25	
26																										26	
27																										27	
28							T	T	T	T	T	T	.01	.03	.08	.12	.14	.13	.13	.07	.07	.03	.01	T		28	
29																										29	
30																										30	
31																										31	

Corrections, if any, to data in this issue will be published in a later issue.
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