

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

RICHMOND, VIRGINIA (Byrd Field)

APRIL 1968

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.)	Prevailing direction	Wind			Sunshine Total (hours and minutes)	Sky cover				Thunderstorm or distant lightning	Weather restricting visibility to 1/4 mile or less	STAGE JAMES RIVER AT 8:00AM (Feet)			Date	
	Maximum	Minimum	Average	Departure from normal	Water equivalent (In.)	Snow, Sleet (In.)			Average speed (m. p. h.)	Speed (m. p. h.)	Direction		Percent of possible	Sunrise to sunset (tenths)	Midnight to midnight (tenths)	Thunderstorm or distant lightning							Weather restricting visibility to 1/4 mile or less
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	56	43	50	-2	16	0	0	0	NW	11.9	18	NW	10:25	83	3	4			6.9				1
2	60	37	49	-3	16	0	0	0	NW	7.2	14	NW	7:38	60	4	3			8.9				2
3	61	35	48	-5	17	0	0	0	N	7.3	13	N	12:41	100	7	5			7.8				3
4	57	31	44	-9	21	0	0	0	SE	7.0	17	SE	8:07	64	9	8			6.0				4
5	55	44	50	-5	15	0	0	0	SE	9.6	16	SE	0:09	1	10	10			5.1				5
6	69	46	58	+5	7	.71	0	0	SE	11.3	27	SE	2:10	17	9	7	T, DL		5.2				6
7	66	44	55	+1	10	T	0	0	W	12.0	26	NW	4:08	32	7	7			4.8				7
8	64	35	50	-4	16	0	0	0	WSW	10.4	18	SW	12:12	95	2	1			4.7				8
9	59	40	50	-4	15	0	0	0	ESE	9.5	17	SE	11:19	88	4	6			4.9				9
10	62	40	46	-9	19	1.41	0	0	ESE	13.7	24	NE	0:00	0	10	10			4.1				10
11	48	40	44	-11	21	T	0	0	NW	8.0	14	NW	0:00	0	10	10			3.8				11
12	64	39	47	-8	18	T	0	0	NW	7.5	17	W	0:00	0	10	10			3.4				12
13	65	40	53	-2	12	0	0	0	W	7.4	12	NW	13:04	100	1	1			1.7				13
14	72	59	56	0	9	0	0	0	W	5.7	13	W	15:06	100	1	1			1.0				14
15	75	42	59	+3	6	0	0	0	SSE	7.9	19	SE	7:46	59	10	8			1.2				15
16	69	53	61	+5	4	0	0	0	NE	14.3	31	NE	4:46	36	10	9			1.7				16
17	75	48	61	+4	4	0	0	0	N	10.6	18	NE	11:16	85	2	2			2.3				17
18	80	41	61	+4	4	0	0	0	N	4.3	8	NE	13:16	100	0	0			2.3				18
19	88	61	70	+13	0	0	0	0	ESE	7.3	20	SE	12:14	92	3	3			2.3				19
20	87	63	75	+17	0	0	0	0	S	11.7	24	SW	7:59	60	7	6			2.3				20
21	81	62	72	+14	0	.18	0	0	S	16.0	25	S	8:33	64	8	7	T, DL		2.4				21
22	78	56	66	+8	0	1.03	0	0	SW	8.6	33	SE	3:21	25	10	10	T, DL	R	2.7				22
23	77	54	66	+7	0	.47	0	0	W	9.0	17	NW	6:56	61	7	7			2.9				23
24	88	56	71	+12	0	.04	0	0	WSW	7.5	24	SW	3:53	29	10	9	T, DL		5.2				24
25	72	54	63	+4	2	0	0	0	NNE	8.9	17	NE	7:06	52	9	9			5.4				25
26	71	47	59	0	5	0	0	0	NNE	9.4	21	SE	9:43	72	8	6			4.7				26
27	56	50	53	-7	12	.03	0	0	ESE	8.1	12	S	0:00	0	10	10			3.9				27
28	74	52	63	+3	2	.42	0	0	S	8.0	17	S	1:00	7	10	10			3.6				28
29	79	62	71	+11	0	.06	0	0	S	10.5	18	SW	1:30	11	10	10	DL		2.1				29
30	66	52	59	-2	6	T	0	0	N	9.5	20	NE	5:48	42	8	9			2.7				30
31																							31
Sum	2048	1396				4.36	0			279.0			200:03		207	198			116.0				Sum
Avg.	68.3	46.5								9.3	Fastest	Dir.	Possible	%	6.9	6.6			3.9				Avg.
											33	SE	394.44	61									Misc.

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

TEMPERATURE (°F)
 Average monthly 57.4
 Departure from normal +1.3
 Highest 88 on 19th
 Lowest 31 on 4th
 Number of days with —
 Max. 32° or below 0
 Max. 90° or above 0
 Min. 32° or below 1
 Min. 0° or below 0

HEATING DEGREE DAYS (base 65°)
 Total this month 268
 Departure from normal -15
 Seasonal total (since July 1) 4254
 Seasonal departure from normal +345
BAROMETRIC PRESSURE (In.)
 Avg. station (elev. 164 feet, m. s. l.) 29.811
 Highest sea level 30.40 on 26th
 Lowest sea level 29.29 on 7th

PRECIPITATION (In.)
 Total for the month 4.36
 Departure from normal +1.12
 Greatest in 24 hours 1.50 on 22-23
 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 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.

Low temperatures during the first half of April retarded vegetation but remarkably rapid growth was made during the warm second half. Soil moisture was ample to excessive. Minor rises below flood stage occurred in the James River at Richmond on the 1-2nd and 24-25th.

EXCESSIVE PRECIPITATION

APRIL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Mins.	6	10	15	20	30	45	60	80	100	120	160	180													
22nd Amt.	.35	.69	.69	.72	.74	.90	.92	.92	.92	.92	1.00														

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																									3
4																									4
5																									5
6																									6
7				T	T	T	.11	.24	.33	.02	.01	T	T	T	T	T								7	
8							T												T						8
9																									9
10																									10
11		T	T	T	T	T	T	T	T	T															11
12												T													12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22						T	T	T	T	T						.73	.19	.01	.05	T	.07	.05	T		22
23		.21	.11	T		.10	.05	T	T	T								.08	.01	T	T		.02		23
24			T					T	.04												T	T			24
25																									25
26																									26
27		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	.01	T	T	T	T	T	T	27
28						.07	.11	.10	.06	T	.07	.02	T					.05	T	T					28
29																				T					29
30																					.01				30
31																									31

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