

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

RICHMOND, VIRGINIA
 BYRD FIELD
 MARCH 1963

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 AM (In.)	Snow, Sleet (In.)	Snow, Sleet, or Ice on ground at 7:00 AM (In.)	Wind		Sunshine		Sky cover		Thunderstorm or distant lightning	Weather restricting visibility to 1/4 mile or less	Cooling Degree Days (base 65)	James River Stage at City Locks* Stage in Feet 8AM	Date				
	Maximum	Minimum	Average	Departure from normal	Degree days (base 65)				Total (Water equivalent)	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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	48	33	41	-2	24	.29	0	T	SE	6.1	12	SW	0:00	0	10	9							1
2	49	29	39	-4	26	0	0	0	N	6.9	17	W	1:55	17	9	8							2
3	55	25	40	-3	25	0	0	0	SSW	6.0	15	SW	11:27	100	0	0							3
4	67	35	51	+8	14	0	0	0	SW	13.7	26	SW	7:25	65	6	5							4
5	64	40	52	+9	13	.30	0	0	SW	11.5	24	SW	0:00	0	10	10							5
6	61	39	50	+6	15	.96	0	0	W	14.1	37	W	6:44	58	5	5							6
7	55	33	44	0	21	0	0	0	WSW	10.7	19	W	10:22	89	2	2							7
8	57	30	44	0	21	0	0	0	SW	9.1	18	SW	11:39	100	1	1							8
9	65	32	49	+4	16	0	0	0	SSW	10.9	24	SW	4:17	37	6	6							9
10	61	35	48	+3	17	0	0	0	W	9.7	21	W	11:44	100	1	1							10
11	42	33	38	-7	27	.12	0	0	ESE	9.2	15	NE	0:00	0	10	9							11
12	58	39	49	+4	16	1.20	0	0	SSW	9.2	24	NW	0:00	0	10	10							12
13	78	52	65	+19	0	0	0	0	SW	11.3	19	W	10:20	87	4	5							13
14	60	42	51	+5	14	T	0	0	NE	9.0	15	N	4:23	37	9	8							14
15	56	33	45	-2	20	0	0	0	NNE	8.3	15	NE	11:55	100	0	2							15
16	50	34	42	-5	23	1.04	0	0	SE	5.8	11	SE	0:20	3	10	9							16
17	74	46	60	+13	5	.70	0	0	SW	11.1	25	SW	6:54	58	5	5							17
18	71	48	60	+12	5	0	0	0	NE	8.5	12	NE	10:37	88	2	3							18
19	51	39	45	-3	20	.38	0	0	ESE	8.4	15	NE	0:00	0	10	10							19
20	64	40	52	+4	13	0	0	0	W	10.7	22	W	5:51	48	7	7							20
21	46	38	42	-7	23	T	T	0	NW	14.9	22	NW	2:31	21	9	7							21
22	52	35	44	-5	21	0	0	0	NNW	13.5	21	N	11:33	95	4	4							22
23	59	26	43	-6	22	0	0	0	NW	7.0	16	NW	12:16	100	0	0							23
24	76	33	55	+6	10	0	0	0	SSW	6.0	10	SW	12:18	100	4	3							24
25	78	47	63	+13	2	0	0	0	SSW	10.2	18	SW	12:04	98	5	4							25
26	75	51	63	+13	2	.63	0	0	SSW	12.6	26	SW	6:49	55	8	7							26
27	69	47	58	+8	7	0	0	0	WSW	9.1	17	W	12:12	98	5	3							27
28	79	45	61	+10	4	0	0	0	SW	7.2	12	W	11:11	90	4	2							28
29	78	44	61	+10	4	0	0	0	NE	8.0	14	SE	12:29	100	2	1							29
30	81	46	64	+13	1	0	0	0	SW	8.9	19	SW	12:02	96	7	5							30
31	74	50	62	+10	3	0	0	0	NE	10.4	17	E	5:53	47	8	8							31
Sum	1953	1197				5.62	T			288.0			227.10		175	159							Sum
Avg	65.0	38.6								9.6	Fastest	Dir.	Possible	%	5.6	5.1							Avg
										Misc.	37	W	370:52	61									Misc.

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

TEMPERATURE: (°F) Average monthly 50.8 Departure from normal +4.1 Highest 81 on 30th Lowest 25 on 3rd Number of days with - Max. 32° or below 0 Max. 90° or above 0 Min. 32° or below 5 Min. 0° or below 0	HEATING DEGREE DAYS (base 65°): Total this month 434 Departure from normal -145 Seasonal total (since July 1) 567/8 Seasonal departure from normal +26/6	PRECIPITATION: (In.) Total for the month 5.62 Departure from normal +2.20 Greatest in 24 hours 1.74 on 16-17 Snow, Sleet- Total for the month T Greatest in 24 hours T on T Greatest depth on ground T on 1 Dates of - Sleet 0 Glaze/Rime 0	Symbols used in columns 18-19 A = Hail BS = Blowing snow DL = Distant lightning D = Dust E = Sleet F = Fog H = Haze K = Smoke 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.
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No excessive precipitation but the rainfall in the upper James River basin brought rises with flooding occurring on the 15th. On the 15th the Richmond's Westham Gage crested at 16.4 feet and City Locks Gage crested at 13.5 feet. Greatest monthly rainfall since 1944 when 5.65 inches recorded. A new high record for the date was set on the 13th.

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	.10	.04	.15	.25	.13	.04	.04	.07	.03	.04	.07	T	.08	.01	T	.04	.01	T	T					.02	6
7																									7
8																									8
9																									9
10																									10
11																									11
12	.01	.07	.19	.15	.03	.02	.03	.19	.26	.05	.04	.06	T	.01	T	.02	T	T	.04	.01	.02	.01	.01	T	12
13																									13
14																									14
15																									15
16																									16
17	T	.04	.08	.11	.19	.20	.06	.02	.01				T	.06	.13	.16	.12	.17	.30	.09	.01	T		T	17
18																									18
19	T	T																							19
20																									20
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30																									30
31																									31

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