

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

RICHMOND, VIRGINIA  
 BYRD FIELD  
 MAY 1963

Latitude 37° 50' 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, 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 60)	James River Stage at City Looks at Stage in Feet 6AM	Date
	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	57	41	49	-14	16	0	0	0	NW	11.6	25	N	1:26	10	9	8	0	0	0	0.2	1	
2	69	38	54	-9	11	0	0	0	NW	11.1	20	NW	13:47	100	0	1	0	0	0	0.2	2	
3	81	34	58	+5	7	0	0	0	S	5.4	9	SW	12:40	92	3	2	0	0	0	0.1	3	
4	85	46	66	+3	0	0	0	0	S	8.4	13	S	13:51	100	0	0	0	0	0	-0.7	4	
5	86	48	67	+4	0	0	0	0	S	7.1	15	SE	13:15	96	1	1	0	0	0	-0.5	5	
6	78	49	63	+1	2	0	0	0	NNE	9.1	15	NE	10:58	79	4	2	0	0	0	0.1	6	
7	76	50	63	+1	2	0	0	0	N	8.9	16	N	10:27	75	3	4	0	0	0	0.9	7	
8	88	54	71	+1	0	0	0	0	SW	12.1	18	SW	10:52	78	7	7	0	0	0	0.9	8	
9	94	65	80	+15	0	0	0	0	SW	8.4	15	SW	11:56	85	5	5	0	0	13	0.8	9	
10	94	64	79	+14	0	0	0	0	SW	9.4	19	SW	13:31	96	5	5	0	0	14	0.2	10	
11	77	48	63	-8	2	0	0	0	NE	11.4	27	N	11:14	80	5	5	0	0	5	1.7	11	
12	64	43	54	-11	11	0	0	0	NNE	7.6	12	E	2:01	14	9	8	0	0	0	2.8	12	
13	64	42	53	-12	12	0	0	0	SSW	9.7	14	SW	1:31	11	10	9	0	0	0	2.6	13	
14	81	55	68	+2	0	0	0.16	0	SSW	10.5	15	SW	5:00	35	8	6	DL	0	6	2.0	14	
15	77	66	67	+1	0	0	0	0	N	9.7	17	N	10:27	74	4	6	DL	0	3	1.7	15	
16	64	64	59	-8	6	0	0.11	0	SSE	8.0	14	SE	0:00	0	10	10	DL	0	0	1.4	16	
17	71	52	62	-5	3	0	1.32	0	SE	7.4	13	SE	0:24	3	9	9	DL	0	4	1.3	17	
18	81	67	69	+2	0	0	0	0	W	9.7	17	NW	11:57	84	5	5	0	0	9	1.0	18	
19	85	61	68	0	0	0	0	0	WSW	8.5	18	SW	13:58	98	6	5	0	0	6	-0.3	19	
20	80	61	71	+3	0	0	0.12	0	SSW	10.9	22	SW	4:29	31	9	8	T	0	7	-0.3	20	
21	69	59	64	-4	1	0	0.13	0	NE	8.1	12	E	0:00	0	10	10	T	0	5	0.0	21	
22	80	55	68	-1	0	0	0.07	0	NW	7.6	13	W	6:01	42	6	7	0	0	5	0.2	22	
23	66	46	56	-13	9	0	0.16	0	NNE	8.6	17	NW	11:23	79	4	4	0	0	0	0.8	23	
24	68	42	55	-14	10	0	0	0	NNE	8.3	13	NE	12:48	89	4	4	0	0	0	1.7	24	
25	72	50	61	-8	4	0	0	0	SSE	6.8	11	SE	8:46	61	7	8	0	0	0	2.3	25	
26	73	54	64	-6	1	0	0	0	S	6.3	8	S	5:40	39	9	9	0	0	2	2.6	26	
27	66	54	60	-10	5	0	0	0	ESE	9.1	12	E	0:05	1	10	10	0	0	1	2.7	27	
28	73	57	68	-3	0	0	0.10	0	SSE	8.2	15	S	2:53	20	10	10	0	0	6	2.7	28	
29	80	65	73	+2	0	0	0.05	0	S	7.8	11	W	4:56	34	9	9	T	0	11	1.9	29	
30	79	59	69	-2	0	0	0.17	0	N	9.0	16	E	10:08	70	5	6	DL	0	7	1.1	30	
31	80	55	68	-3	0	0	0	0	SE	8.2	10	NE	11:40	80	2	2	DL	0	6	-0.4	31	
Sum	2361	1604					2.39	0		272.9			248:04		189	181			128	31.2	Sum	
Avg	76.2	51.7								8.8	Fastest	Dir.	Possible	%	6.1	5.8				1.0	Avg.	

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

**TEMPERATURE: (°F)**  
 Average monthly 64.0  
 Departure from normal -2.5  
 Highest 94 on 9,10  
 Lowest 34 on 3  
 Number of days with -  
 Max. 32° or below 0  
 Max. 90° or above 2  
 Min. 32° or below 0  
 Min. 0° or below 0

**HEATING DEGREE DAYS (base 65°)**  
 Total this month 102  
 Departure from normal +46  
 Seasonal total (since July 1) 4198  
 Seasonal departure from normal +284

**BAROMETRIC PRESSURE (In.)**  
 Avg. station (elev. 164 \*feet, m. s. l.) 29.898  
 Highest sea level 30.45 on 24th  
 Lowest sea level 29.64 on 18th

**PRECIPITATION: (In.)**  
 Total for the month 2.39  
 Departure from normal -1.33  
 Greatest in 24 hours 1.32 on 17th  
 Snow, Sleet -  
 Total for the month 0  
 Greatest in 24 hours 0 on -  
 Greatest depth on ground 0 on -  
 Dates of - Hail 0  
 Sleet 0 Glaze/Rime 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.

The prolonged dry spell which began the last week of March was relieved by rainfall during the last half of May but soil moisture remained inadequate. Two new high records set on the 9th and 10th and new record low set on the 3rd and record low equaled on the 24th.

\*\*Zero of City Looks gage at 0 ft. MSL

No excessive precipitation

Errata for April, 1963: Hourly precipitation on the 22nd, T ending at 9 AM rather than 8 AM.

**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
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6																									6
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