

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

RICHMOND, VIRGINIA (Byrd Field)

MAY 1954

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

Date	Temperature (°F)						Precipitation (Total (Water equivalent) (In.))	Snow, Sleet, Hail or Ice on ground at 7:30 AM (In.)	Wind			Sunshine		Sky cover			Thunderstorm or distant lightning	Weather restricting visibility to 1/4 mile or less	James River Stage at 8:00AM	Date
	Maximum	Minimum	Average	Departure from normal	Degree days (base 65°)	Prevaling direction			Average speed (m. p. h.)	Fastest mile Speed (m. p. h.)	Direction	Total (hours and minutes)	Percent of possible	Sunrise to sunset (tenths)	Midnight to midnight (tenths)					
1	87	59	73	+12	0	0	0	0	SW	7.4	11	SW	11:46	86	9	8			1.0	1
2	90	64	77	+16	0	0	0	0	SW	6.3	13	S	13:29	98	6	5			1.0	2
3	91	66	78	+16	0	0	0	0	S	10.5	24	W	11:09	81	6	6	T	R	1.0	3
4	85	48	57	-6	8	0.06	0	0	N	8.7	18	N	8:50	49	9	9			1.0	4
5	64	40	52	-10	13	0	0	0	N	7.1	16	NW	13:50	100	5	4			1.5	5
6	68	41	55	-8	10	0	0	0	E	5.5	13	SE	13:24	96	4	4			1.5	6
7	77	45	61	-2	4	.05	0	0	SSE	9.3	24	S	10:50	75	8	7	DL		1.4	7
8	72	51	62	-1	3	.09	0	0	W	5.9	14	NW	9:27	68	7	7			1.2	8
9	62	42	52	-12	13	.10	0	0	WSW	7.6	22	W	6:03	43	7	5			1.0	9
10	65	39	51	-13	14	0	0	0	W	9.6	29	W	14:02	100	3	2			1.0	10
11	67	37	52	-12	13	0	0	0	WSW	8.5	19	W	8:10	58	6	4			1.0	11
12	72	41	57	-7	8	0	0	0	W	6.7	18	NW	12:20	87	4	3			1.0	12
13	64	48	56	-9	9	.06	0	0	NE	9.0	17	NE	0:58	4	10	10			1.0	13
14	53	48	51	-14	14	.67	0	0	NNE	12.4	19	NE	0:00	0	10	10			1.0	14
15	57	47	52	-14	13	.61	0	0	N	9.0	13	N	0:00	0	10	10			1.0	15
16	78	55	66	0	0	.02	0	0	WSW	7.8	13	W	10:52	76	5	5			1.4	16
17	84	54	69	+3	0	.10	0	0	SW	7.3	31	NW	10:59	77	8	8			1.5	17
18	67	56	62	-5	3	.40	0	0	N	6.1	13	NE	1:35	11	10	10			1.5	18
19	71	55	63	-4	2	1.00	0	0	N	6.7	18	NE	4:53	34	9	10	T		1.5	19
20	61	51	56	-11	9	.78	0	0	NE	11.3	20	NE	0:05	1	10	10			1.5	20
21	69	50	60	-8	5	.01	0	0	NW	9.6	20	NW	11:07	77	5	6			2.5	21
22	72	47	60	-8	5	0	0	0	W	5.8	12	NW	11:49	82	4	3			3.3	22
23	76	46	61	-7	4	0	0	0	NW	5.8	13	NW	15:47	96	1	1			2.3	23
24	80	47	64	-5	1	0	0	0	WSW	5.1	9	W	15:19	92	5	3			2.0	24
25	88	56	72	+3	0	0	0	0	SSW	7.3	13	SW	11:45	81	4	4	DL		1.6	25
26	82	60	71	+2	0	0	0	0	E	7.9	18	SE	10:00	69	8	7			1.5	26
27	85	60	72	+2	0	0	0	0	SE	6.3	22	SE	7:10	49	6	7			1.2	27
28	84	62	73	+3	0	0	0	0	SSE	8.8	24	S	11:30	79	8	6			1.0	28
29	87	69	78	+8	0	.02	0	0	S	8.0	18	NE	7:03	48	7	8	T DL		1.0	29
30	85	65	73	+2	0	0	0	0	NNE	6.6	17	NE	11:26	79	3	4	DL		1.0	30
31	87	67	72	+1	0	0	0	0	SSE	7.3	13	S	12:44	87	3	2			1.3	31
Sum	2304	1600				4.36	0			241.0			281.42		200	188			427.0	Sum
Avg	74.3	51.6								7.8	Fastest	Dir.	Possible	%	8.5	6.1			1.4	Avg.
										Misc.	31	NW	440.02	64						Misc.

T in columns 7, 8, and 9 indicates amount too small to measure.

**TEMPERATURE: (°F)**  
 Average monthly 63.0  
 Departure from normal -2.8  
 Highest 91 on 3rd  
 Lowest 37 on 11th  
 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 151  
 Departure from normal +85  
 Seasonal total (since July 1) 3631  
 Seasonal departure from normal -524

**PRECIPITATION: (In.)**  
 Total for the month 4.36  
 Departure from normal +.72  
 Greatest in 24 hours 1.61 on 19-20th  
 Snow, Sleet and Hail -  
 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

**BAROMETRIC PRESSURE (In.)**  
 Avg. station (elev. 164 feet, m. s. l.) 29.787  
 Highest sea level 30.25 on 1st  
 Lowest sea level 29.64 on 3rd

**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 X = Smoke  
 ZR = Freezing rain

**Excessive Precipitation**

Period Minutes	5	10	15	20	30	45	60	80	100	120	150	180
May 3 Amounts	.20	.32	.34	.35	.36	.36	.36	.37	.39	.41	.43	.44

**HOURLY PRECIPITATION**

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	.01	T	T	.01	.02	.01	.01	T	T		T							.36	.04	.03	.04	.01	.03	4	
5																								5	
6																								6	
7																								7	
8																								8	
9																								9	
10																								10	
11																								11	
12																								12	
13																								13	
14	.01	.04	.01	T	.01	.04	.09	.02	.04	.06	.01	.01	T	.02	.01	T	T	.04	.04	.03	.06	.02	.01	14	
15	.06	.02	.08	.06	.10	.12	.05	.02	.05	.01	.01	.02	.02	T	T	T	T	.01	T	T	T	T	T	15	
16	T	T	.01	T	T	T	.01																	16	
17																								17	
18																								18	
19	.02	.03	.02																					19	
20	.05	.08	.03	.02		.01	.02	.06	.09	.04	T	T						.02	.03	.03	.05	.07	.06	20	
21																								21	
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