

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

WBAS, RICHMOND, VA.

BYRD FIELD

MARCH 1959

Latitude 37° 30' N.

Longitude 77° 20' W.

Elevation (ground) 162 ft.

EASTERN Standard time used

Date	Temperature (°F)			Precipitation (In.)	Snow, Sleet (In.)	Snow, Sleet, or Ice on ground at 7:00 AM (In.)	Wind			Sunshine Total (hours and minutes)	Sky cover Sunrise to sunset (tenths)	Sky cover Midnight to midnight (tenths)	Thunderstorm or distant lightning	Weather restricting visibility to 1/4 mile or less	STAGE James River 8:00AM (feet)	Date	
	Maximum	Minimum	Average				Prevailing direction	Average speed (m. p. h.)	Fastest mile Speed (m. p. h.)								Direction
1	60	39	50	+7	15	T	0	NNW	6.6	11	N	5:40	50	6	7		1
2	44	28	36	-8	29	0	0	NNW	11.1	20	N	0:14	2	10	6		2
3	63	27	45	+1	20	.16	0	S	11.3	23	SW	8:14	72	3	4		3
4	59	33	46	+2	19	0	0	SW	9.0	17	SW	11:30	100	1	1		4
5	53	33	43	-2	22	.08	0	E	12.5	29	E	6:09	53	7	6		5
6	70	46	58	+13	7	.75	0	WSW	20.0	32	SW	8:41	75	4	4		6
7	53	34	44	-1	21	0	0	WSW	13.6	20	NW	11:37	100	0	0		7
8	54	24	39	-7	26	0	0	S	6.5	12	SE	11:39	100	1	1		8
9	59	35	47	+1	18	0	0	SSW	10.7	17	SW	4:12	36	9	4		9
10	53	33	43	-3	22	.01	0	WSW	7.5	15	W	4:46	41	7	4		10
11	47	32	40	-7	25	.05	0	E	8.5	16	SE	0:25	4	9	7		11
12	51	36	44	-3	21	.08	0	WNW	10.5	26	W	4:46	40	8	6		12
13	52	31	42	-5	23	0	0	W	11.5	24	SW	10:06	85	3	2		13
14	73	33	53	+6	12	0	0	SW	11.7	19	SW	7:50	66	6	5		14
15	63	50	57	+9	8	T	0	S	12.8	23	S	0:00	0	10	9		15
16	61	40	51	+3	14	0	0	W	9.0	23	NW	9:40	81	5	6		16
17	59	33	46	-2	19	0	0	NNW	11.0	31	NW	10:10	85	3	3		17
18	47	27	37	-11	28	0	0	NW	8.9	21	NW	12:03	100	0	0		18
19	66	25	46	-3	19	0	0	SW	8.6	15	SW	11:12	93	3	2		19
20	72	40	56	+7	9	0	0	SW	9.7	17	S	11:38	96	5	4		20
21	71	46	59	+10	6	T	0	SSW	8.7	19	N	4:20	36	8	9		21
22	50	31	41	-8	24	0	0	N	12.5	17	W	12:12	100	0	1		22
23	60	25	43	-7	22	0	0	SSW	6.4	11	SW	12:14	100	0	0		23
24	76	35	56	+6	9	0	0	SE	7.2	11	SE	11:36	94	2	2		24
25	83	42	63	+13	2	0	0	SSW	6.9	15	SW	12:19	100	0	2		25
26	66	49	58	+8	7	.23	0	NE	8.3	18	E	6:03	49	6	7		26
27	69	43	56	+5	9	.84	0	W	12.4	33	W	2:03	17	10	10		27
28	46	29	38	-13	27	0	0	N	12.0	25	NW	11:59	96	0	3		28
29	51	25	38	-13	27	T	0	ESE	7.7	16	NW	7:42	63	6	6		29
30	47	40	44	-7	21	.72	0	N	8.2	11	N	0:00	0	10	10		30
31	64	43	54	+2	11	T	0	NNW	6.2	10	SE	7:19	58	5	5		31
Sum	184.2	108.7	128.4	11.4	2.92	0	0		307.5			238:19	147	136		44.9	Sum
Avg	59.4	35.1	41.4	0.37	0.09	0	0		9.9	Fastest 33	Dir. W	Possible 370:58	64	4.7	4.4	1.4	Avg. Misc.

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

**TEMPERATURE: (°F)**  
 Average monthly 47.3  
 Departure from normal -0.2  
 Highest 83 on 25th  
 Lowest 24 on 8th  
 Number of days with -  
 Max. 32° or below 0  
 Max. 90° or above 0  
 Min. 32° or below 11  
 Min. 0° or below 0

**HEATING DEGREE DAYS (base 65°):**  
 Total this month 542  
 Departure from normal -8  
 Seasonal total (since July 1) 3657  
 Seasonal departure from normal +39  
**BAROMETRIC PRESSURE (In.)**  
 Avg. station elev. 164 \*feet m. s. l.) 29.844  
 Highest sea level 30.61 on 18  
 Lowest sea level 29.31 on 6

**PRECIPITATION: (In.)**  
 Total for the month 2.92  
 Departure from normal -.50  
 Greatest in 24 hours 1.07 on 26-27  
 Snow, Sleet—  
 Total for the month 0  
 Greatest in 24 hours 0 on —  
 Greatest depth on ground 0 on —  
 Dates of - Hail 27  
 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.

Sharp cold snaps on the 8th, 19th, 23rd and 29th just about balanced off warm days or periods on the 6th, 14-15th, 20-21st and 24-27th, with the remainder of the month not far from normal. Precipitation was only 85 percent of the normal amount and most of it fell in the first and last weeks of the month. The dry middle of the month was unusually favorable for seasonal agricultural activities. During this period a critical forest fire hazard developed which was relieved by rains beginning on the 26th.  
 NO EXCESSIVE PRECIPITATION.

**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					T	T																			1	
2																										2
3																										3
4																										4
5																										5
6	.03	.06	.14	.25	.16	.01	.01	T	.09	T																6
7																										7
8																										8
9																										9
10																										10
11																										11
12	.01	.03	.02	.01																						12
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26																										26
27	.04	.06	.05	.11	.15	.11	.04	T	T																	27
28																										28
29																										29
30	.02	.01	.03	.08	.17	.11	.01	.06	.01	.05	.01	.01	.05	.04	.03	.02	T	.01	T	T	T				30	
31																										31

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