

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

LOCAL CLIMATOLOGICAL DATA

RICHMOND, VIRGINIA (Byrd Field)

JANUARY 1959

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 7:00AM (In.)	Snow, Sleet (In.)	Wind				Sunshine		Sky cover		Thunderstorm or distant lightning	Weather restricting visibility to 1/4 mile or less	STAGE James River 8:00AM (feet)	21	22	23	24	
	Maximum	Minimum	Average	Departure from normal	Degree days (base 65°)	Total (Water equivalent) (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	2	3	4	5	6					7	8					9	10								11
1	56	29	43	+5	22	.54	0	0	0	NE	7.5	26	SE	0:00	0	10	10			4.4					1	
2	47	34	41	+3	24	.01	0	0	0	SW	4.4	9	SW	0:32	6	10	9			4.1					2	
3	50	33	42	+4	23	0	0	0	0	NE	4.6	7	NE	6:51	71	3	3			3.5					3	
4	59	27	43	+5	22	0	0	0	0	W	13.2	28	W	8:40	90	3	1			1.6					4	
5	27	11	19	-19	46	0	0	0	0	W	13.1	26	W	9:39	100	0	0			-1.5					5	
6	31	9	20	-18	45	0	0	0	0	WSW	9.4	19	W	9:40	100	0	0			-2.6					6	
7	40	14	27	-11	38	0	0	0	0	NE	4.6	10	NE	0:00	0	10	10			-2.5					7	
8	36	26	31	-7	34	.03	.3	0	0	NNE	5.5	11	NE	0:00	0	10	10			-1.2					8	
9	36	19	28	-10	37	0	0	0	0	NW	10.8	20	N	9:44	100	0	0			-0.7					9	
10	39	13	26	-12	39	0	0	0	0	W	8.4	16	W	9:45	100	0	1			0.0					10	
11	46	21	34	-5	31	0	0	0	0	WSW	8.8	20	W	9:46	100	0	0			0.0					11	
12	45	18	32	-7	33	0	0	0	0	SW	6.5	12	S	5:46	59	6	3			1.4					12	
13	61	29	45	+6	20	0	0	0	0	SW	9.2	19	W	7:42	79	5	4			1.8					13	
14	49	23	36	-3	29	0	0	0	0	S	6.4	14	S	7:14	74	6	6			2.4					14	
15	70	44	57	+18	8	.03	0	0	0	SSW	10.5	22	SW	7:56	81	5	7			2.2					15	
16	56	14	35	-4	30	.34	2.1	0	0	W	12.7	21	NW	0:00	0	10	8		S, F	1.7					16	
17	26	11	19	-20	46	0	0	0	1	WSW	10.6	17	W	9:54	100	1	0			0.1					17	
18	29	8	19	-20	46	0	0	0	1	NW	5.5	8	SW	9:55	100	1	0			-0.1					18	
19	45	15	30	-9	35	0	0	0	0	S	10.9	23	S	3:51	39	9	7			0.0					19	
20	65	40	53	+14	12	0	0	0	0	S	12.4	24	SW	6:55	69	6	8			-1.8					20	
21	72	52	62	+23	3	0	0	0	0	S	15.7	40	S	0:04	1	10	9			-1.8					21	
22	71	29	50	+12	15	.33	0	0	0	WSW	14.6	33	SW	7:49	78	5	5		T	-1.2					22	
23	41	27	34	-4	31	0	0	0	0	W	8.8	16	W	7:27	74	3	5			-1.1					23	
24	53	22	38	+0	27	0	0	0	0	SSW	8.4	15	SW	8:27	84	3	2			-0.3					24	
25	63	41	52	+14	13	0	0	0	0	SW	10.3	17	SW	8:16	81	6	5			0.9					25	
26	45	33	39	+1	26	0	0	0	0	NE	10.1	18	NE	0:00	0	10	10			0.7					26	
27	37	32	35	-4	30	.03	0	0	0	N	4.4	11	NE	0:00	0	10	10		F	2.0					27	
28	45	27	36	-3	29	0	0	0	0	N	5.1	8	E	4:04	40	8	9			2.5					28	
29	51	37	44	+5	21	0	0	0	0	SSW	5.0	11	S	0:00	0	10	10			2.7					29	
30	65	45	55	+16	10	0	0	0	0	SSW	11.6	18	SW	0:00	0	10	10			2.3					30	
31	51	35	43	+4	22	0	0	0	0	NE	6.8	12	E	4:28	43	9	9			1.7					31	
Sum	507	318				1.31	2.4				275.8			164:25	179	171				21.2					Sum	
Avg	16.2	10.3				0.04	0.08				8.9		Fastest	Dir.	Possible	%	5.8	5.5			0.7					Avg.
												4.0	S	307:03	54											Misc.

* In columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure. Misc. 4.0

TEMPERATURE: (°F) Average monthly 37.5 Departure from normal -0.8 Highest 72 on 21st Lowest 8 on 18th Number of days with - Max. 32° or below 4 Max. 90° or above 0 Min. 32° or below 21 Min. 0° or below 0	HEATING DEGREE DAYS (base 65°): Total this month 847 Departure from normal +19 Seasonal total (since July 1) 2465 Seasonal departure from normal +105	PRECIPITATION: (In.) Total for the month 1.31 Departure from normal -2.33 Greatest in 24 hours 0.55 on 1-2 Snow, Sleet— Total for the month 2.4 Greatest in 24 hours 2.1 on 16th Greatest depth on ground 2 on 16th Dates of - Hail None Sleet 16th Glaze None
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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.

This was the driest month since December 1955, but soil moisture remained satisfactory due to low temperatures retarding evaporation. The 40 m.p.h. wind on the 21st was the highest for any January in a nine year record.
 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																										1
2																										2
3																										3
4																										4
5																										5
6																										6
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