

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

RICHMOND, VIRGINIA (Byrd Field)

DECEMBER 1956

Latitude 37° 30' N.

Longitude 77° 20' W.

Elevation (ground) 162 ft.

Eastern Standard time used

Date	Temperature (°F)						Precipitation		Snow, Sleet, Hail or Ice on ground at 7:30AM (In.)	Snow, Sleet, Hail (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°)	Total (Water equivalent) (In.)	Prevailing direction	Average speed (m. p. h.)			Fastest mile (m. p. h.)	Direction	Total (hours and minutes)	Percent of possible	Sunrise to sunset (tenths)	Midnight to midnight (tenths)									
1	45	21	32	-11	55	0	0	0	NW	7.0	12	N	9:46	100	2	3			0.5					1	
2	41	29	35	+8	30	.07	0	0	SSW	6.8	9	S	0:00	0	10	10			0.5					2	
3	65	40	53	+10	12	0	0	0	SW	6.5	10	SW	0:55	10	9	8			0.5					3	
4	70	54	62	+20	3	.05	0	0	SW	10.7	17	SW	0:48	8	10	10			0.5					4	
5	65	41	52	+10	13	0	0	0	WSW	7.1	14	SW	7:01	72	7	8			0.5					5	
6	46	26	36	+5	29	0	0	0	NNE	6.7	15	NE	6:18	65	5	5			0.5					6	
7	43	22	33	+8	32	0	0	0	E	4.5	11	SE	0:43	7	9	7			0.2					7	
8	51	28	40	+1	25	0	0	0	S	4.7	10	S	9:32	99	1	4			0.3					8	
9	40	32	36	-4	29	.50	0	0	NW	8.0	17	NW	0:00	0	10	9			0.4					9	
10	37	24	31	-9	34	0	0	0	W	7.9	22	NW	9:38	100	2	1			0.5					10	
11	37	23	30	-10	36	0	0	0	N	6.6	11	NW	9:24	97	3	2			0.5					11	
12	40	17	29	-11	36	0	0	0	NW	5.9	10	NW	9:36	100	0	0			0.5					12	
13	41	18	30	-9	35	0	0	0	NNE	5.3	11	NE	9:36	100	2	1			0.5					13	
14	48	18	33	+6	32	0	0	0	S	3.2	9	S	7:12	75	6	5			0.5					14	
15	52	28	40	+1	25	0	0	0	W	9.4	17	NW	4:49	50	7	4			0.5					15	
16	35	18	25	-14	40	0	0	0	WNW	9.5	25	N	9:55	100	0	0			0.5					16	
17	45	18	32	+7	33	0	0	0	SSW	7.5	17	SW	3:50	40	7	6			0.5					17	
18	35	26	31	-8	34	.15	0	0	S	4.1	8	S	0:00	0	10	7		P, K	0.3					18	
19	41	25	33	+6	32	0	0	0	N	7.7	17	N	4:42	49	6	6			0.4					19	
20	31	19	25	-14	40	0	0	0	N	7.2	11	NE	7:21	77	2	3			0.5					20	
21	30	19	25	-14	40	T	T	T	N	4.9	9	N	6:09	64	5	5			0.5					21	
22	38	16	27	-12	38	0	0	0	S	6.8	18	S	3:09	33	9	6			0.2					22	
23	46	27	37	+2	28	0	0	0	NE	5.7	11	NE	3:32	37	9	8			0.5					23	
24	65	30	48	+9	17	0	0	0	SSW	6.8	13	SW	3:40	38	10	7			0.3					24	
25	74	39	57	+18	8	0	0	0	SW	8.8	17	W	9:34	100	1	0			0.5					25	
26	44	24	34	-4	31	0	0	0	NNE	6.1	14	NE	7:24	77	7	3			0.5					26	
27	36	22	29	-9	36	0	0	0	NNE	8.9	18	N	9:54	100	0	0			0.3					27	
28	34	15	25	-13	40	0	0	0	NNE	6.5	13	NE	9:26	98	3	2			0.5					28	
29	38	19	29	-9	35	T	0	0	SW	4.7	11	S	0:40	7	10	9			0.5					29	
30	38	22	30	-8	35	.11	T	0	N	6.5	15	NW	0:00	0	9	7			0.5					30	
31	40	16	28	-10	37	0	0	0	SW	6.2	12	SW	8:02	84	3	3			0.2					31	
Sum	1386	775				0.86	T			208.3			171:56		174	149			13.0					Sum	
Avg.	44.7	24.5								6.8	Fastest	Dir.	Possible	%	5.6	4.8			0.4					Avg.	

T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure. Misc. 26

<p><b>TEMPERATURE (°F)</b>          Average monthly 34.6          Departure from normal -4.7          Highest 74 on 25th          Lowest 15 on 28th          Number of days with -          Max. 32° or below 2          Max. 90° or above 0          Min. 32° or below 27          Min. 0° or below 0</p>	<p><b>HEATING DEGREE DAYS (base 65°):</b>          Total this month 928          Departure from normal +137          Seasonal total (since July 1) 1678          Seasonal departure from normal +146</p>	<p><b>PRECIPITATION (In.)</b>          Total for the month 0.86          Departure from normal -2.05          Greatest in 24 hours .50 on 9th          Snow, Sleet and Hail -          Total for the month T          Greatest in 24 hours T on 2, 21, 30          Greatest depth on ground 0 on          Dates of - Hail None          Sleet 2 Glaze None</p>	<p>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.</p>
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Coldest December since 1945 when mean temperature was 34.6. Maximum temperatures on the 4th and 25th were the highest of record for the dates. Only two periods (3-5 and 23-25) averaged above normal in temperature. It was the driest December since 1889 when only 0.57 inch of precipitation fell and it was also the second driest December of entire period of record. No excessive precipitation occurred.

**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							.01	.02	T	T	T			.01	T	T	T			T	.01	.01	.01	1	
2															T	T	T							2	
3	T														T	T	T							3	
4				T	T	.01								T	.01	T								4	
5																								5	
6																								6	
7																								7	
8																								8	
9				T	.01	.03	.09	.10	.05	.04	.08	.05	.02	.02	.01	T	T	T	T	T				9	
10																								10	
11																								11	
12																								12	
13																								13	
14																								14	
15																								15	
16																								16	
17																								17	
18										T	T	.04	.06	.02	.02	.01	T							18	
19																								19	
20																								20	
21									T	T	T													21	
22																								22	
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24																								24	
25																								25	
26																								26	
27																								27	
28																								28	
29										T	.01	.06	.04	T	T	T								29	
30																								30	
31																								31	

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