

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

RICHMOND, VIRGINIA (Byrd Field)

DECEMBER 1954

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 7:30 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°)	Total (Water equivalent) (In.)	Snow, Sleet, Hail (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	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	49	28	39	-4	26	T	0	0	WSW	6.0	10	S	1:15	13	10	8			1.4				1	
2	47	27	37	-6	28	0	0	0	WSW	9.2	17	NW	8:12	84	2	2			1.3				2	
3	41	24	33	-10	32	0	0	0	WSW	5.5	11	NW	4:18	44	4	4			1.3				3	
4	49	25	37	-5	28	0	0	0	SW	6.5	14	SW	5:05	52	6	6			1.3				4	
5	57	30	44	+2	21	.30	.4	0	NNE	8.1	19	NE	4:52	60	8	7			1.3				5	
6	33	20	27	-14	38	.31	1.8	2	WSW	15.4	26	N	7:05	75	4	5			1.0				6	
7	37	15	26	-15	39	0	0	1	W	8.5	13	NW	9:40	100	0	0			1.0				7	
8	46	15	31	-10	34	0	0	1	SSW	8.7	15	SW	8:48	91	2	3			1.2				8	
9	49	35	42	+2	23	.31	0	0	S	9.0	15	S	0:00	0	10	8	F,R		1.0				9	
10	46	30	38	-2	27	0	0	0	W	10.6	19	W	7:11	74	4	2			1.0				10	
11	43	23	33	-2	32	0	0	0	WSW	7.5	18	NW	7:10	75	4	3			1.0				11	
12	38	21	30	-10	35	T	T	0	E	3.8	8	S	0:14	2	10	7			1.0				12	
13	42	32	37	-2	28	.75	0	0	NNE	9.3	17	N	0:00	0	10	10			1.3				13	
14	44	36	40	+2	25	.37	0	0	WSW	10.9	16	NW	0:00	0	10	8			1.5				14	
15	46	34	40	+1	25	.01	0	0	WSW	11.0	19	SW	3:25	36	6	5			3.0				15	
16	49	32	41	+2	24	0	0	0	WSW	6.8	15	W	7:52	79	2	3			2.5				16	
17	45	30	38	-1	27	0	0	0	ESE	7.0	13	SE	0:00	0	10	9			2.0				17	
18	40	38	49	+10	16	.38	0	0	WSW	11.5	19	SW	1:12	13	8	8			2.0				18	
19	48	30	39	0	26	0	0	0	WSW	7.7	15	SW	6:46	71	3	4			1.7				19	
20	35	22	29	-10	36	T	T	0	W	7.2	13	NE	3:58	42	7	6			1.6				20	
21	31	17	24	-16	41	0	0	0	WSW	9.2	16	NW	9:34	100	0	0			1.6				21	
22	35	11	22	-17	43	0	0	0	SW	5.7	8	SW	7:12	75	8	4			1.6				22	
23	53	22	38	-1	27	0	0	0	SW	12.5	24	SW	8:57	94	1	0			1.5				23	
24	53	35	44	+5	21	0	0	0	WSW	8.7	19	SW	8:37	90	2	1			1.5				24	
25	47	25	36	-3	29	0	0	0	NNE	5.9	13	N	9:34	100	0	0			1.5				25	
26	52	20	36	-2	29	0	0	0	S	5.6	8	S	9:35	100	0	1			1.3				26	
27	66	31	49	+11	16	0	0	0	S	8.1	15	S	8:54	95	3	2			1.2				27	
28	67	37	52	+14	13	T	0	0	S	8.9	19	S	4:51	51	7	6			1.2				28	
29	68	62	65	+7	0	T	0	0	S	13.6	29	S	0:00	0	10	10			1.0				29	
30	69	37	53	+15	12	T	0	0	W	13.4	29	SW	8:58	94	1	3			1.2				30	
31	50	29	40	+2	25	0	0	0	W	4.5	10	NE	6:05	63	9	7			2.5				31	
Sum	1495	873				2.43	2.2			267.1			169:00		161	142			45.5				Sum	
Avg	48.2	28.2								8.6	Fastest	Dir	29	298:00	%	5.2	4.6			1.5				Avg

T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure. Misc. 29

<p>TEMPERATURE: (°F) Average monthly 38.2 Departure from normal -1.3 Highest 69 on 30th Lowest 11 on 22nd Number of days with - Max. 32° or below 1 Max. 90° or above 0 Min. 32° or below 23 Min. 0° or below 0</p>	<p>HEATING DEGREE DAYS (base 65°): Total this month 826 Departure from normal +35 Seasonal total (since July 1) 1612 Seasonal departure from normal +80</p>	<p>PRECIPITATION: (In.) Total for the month 2.43 Departure from normal -.46 Greatest in 24 hours .99 on 15 & 14th Snow, Sleet and Hail - Total for the month 2.2 Greatest in 24 hours 2.2 on 5 & 6th Greatest depth on ground 2.0 on 6th Dates of - Hail 0 Sleet 12th Glaze 0</p>	<p>BAROMETRIC PRESSURE (In.) Avg. station (elev. 164 feet, m.s.l.) 29.885 Highest sea level 30.55 on 26th Lowest sea level 29.51 on 15th</p>	<p>Symbols used in columns 18-19 A - Hail BS - Blowing snow DL - Distant lightning D - Dust E - Sleet F - Fog H - Haze K - Smoke L - Drizzle N - Sand R - Rain S - Snow T - Thunderstorm ZL - Freezing drizzle ZR - Freezing rain</p>
---	--	---	--	---

No Excessive Precipitation.
 Highest temperature of the month 69.2 occurred at 4:30 AM on the 30th, which was also a new high of record for the individual date.
 Minima on the 6, 7, and 8th were lowest of record for the individual dates.
 2/ Also from the SW on the 30th.

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												1	
2																								2	
3																								3	
4																								4	
5																								5	
6	.08	.07	.09	.06	.01	T												T	.07	.04	.04	.03	.08	.04	6
7																								7	
8																								8	
9									.02	.05	.04	.05	.01	.05	.06	.01	.02							9	
10																								10	
11																								11	
12																								12	
13	T	T	.01	.02	.03	.05	.05	.07	.05	.03	.02	.02	.05	.01	.02	.03	.04	.04	.04	.02	.03	.04	.07	.03	13
14	.16	.07	.02	.01	.02	T	.02	.01	T	T	.01	.01	.02	.02	T	T	T							14	
15																								15	
16																								16	
17																								17	
18				.02	.07	.09	T	.02	.09	.03	.05	.01												18	
19																								19	
20	T												T		T							T		20	
21																								21	
22																								22	
23																								23	
24																								24	
25																								25	
26																								26	
27																								27	
28																								28	
29	T	T	T	T	T	T																		29	
30																								30	
31																								31	

Subscription price: \$1.00 per year including annual summary if published. \$1.50 per year including supplement and annual summary if published. Separate copies 10 cents each. Checks and money orders should be made payable to the Treasurer of the United States. Remittances and correspondence should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.