

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

LOCAL CLIMATOLOGICAL DATA

RICHMOND, VIRGINIA (Byrd Field)

DECEMBER 1966

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 7:30 A.M. (In.)	Wind				Sunshine		Sky cover			Thunderstorm or distant lightning	Weather restricting visibility to ¼ mile or less	JAMES RIVER STAGE at 8:00AM	120	150	180	22	23	Date
	Maximum	Minimum	Average	Departure from normal	Degree days (base 65°)	Total (Water equivalent) (In.)	Snow, Sleet (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)	Thunderstorm or distant lightning	Weather restricting visibility to ¼ mile or less									
1	47	26	37	-6	28	0	0	0	SW	5.3	14	NW	6:10	63	5	5											1
2	50	28	39	-4	26	0	0	0	SW	7.6	12	SW	0:35	6	10	8											2
3	65	43	54	+11	11	0	0	0	SW	9.0	19	SW	4:00	41	9	7											3
4	71	35	53	+11	12	0	0	0	SW	3.8	7	N	9:43	100	0	0											4
5	66	36	51	+9	14	0	0	0	SE	6.3	11	SE	3:37	37	8	7											5
6	75	50	63	+22	2	0	0	0	S	7.7	10	SW	8:03	93	2	4											6
7	78	55	67	+26	0	0	0	0	SW	9.2	15	SW	4:53	51	6	4											7
8	71	52	62	+21	3	0	0	0	S	7.0	10	S	3:12	33	7	5											8
9	73	36	55	+16	10	T	0	0	SSW	10.4	25	NW	3:43	39	9	7											9
10	63	28	41	+1	24	0	0	0	SW	5.7	9	SW	9:38	100	0	0											10
11	52	33	43	+3	22	T	0	0	S	7.5	11	S	1:11	12	9	7											11
12	58	47	53	+13	12	.01	0	0	S	7.7	12	SW	0:00	0	10	10											12
13	72	50	61	+22	4	T	0	0	S	10.2	18	NE	2:03	21	9	9											13
14	50	40	45	+8	20	.58	0	0	N	7.8	16	N	0:00	0	10	10											14
15	45	41	43	+4	22	1.81	0	0	N	5.8	8	NW	0:00	0	10	10											15
16	60	43	52	+13	15	.08	0	0	E	8.1	10	N	1:40	17	7	9											16
17	62	48	55	+16	10	.02	0	0	E	5.6	9	SE	3:00	31	7	6											17
18	58	31	45	+6	20	.02	C	0	NNE	8.9	16	N	4:41	49	7	5											18
19	64	26	40	+1	25	0	0	0	SSW	5.6	10	SW	9:25	98	1	2											19
20	62	39	51	+12	14	T	0	0	SSW	5.8	9	SW	0:39	7	10	8											20
21	73	54	64	+25	1	T	0	0	SW	7.6	12	SW	1:40	17	7	8											21
22	64	50	57	+18	8	.08	0	0	SW	5.2	10	S	0:00	0	10	10											22
23	57	48	53	+14	12	.79	0	0	E	6.6	14	N	0:00	0	10	10											23
24	65	49	57	+18	9	.27	0	0	SW	6.9	17	NW	1:04	11	10	10											24
25	50	30	40	+1	25	0	0	0	W	9.5	17	W	7:46	81	2	2											25
26	42	26	34	-4	31	0	0	0	W	4.5	11	W	3:31	37	7	5											26
27	54	30	42	+4	23	T	T	0	SW	9.2	16	SW	3:47	40	8	7											27
28	60	37	49	+11	16	0	0	0	S	9.2	19	S	6:21	66	3	2											28
29	50	28	39	+1	28	.32	T	0	WNW	10.4	26	W	0:00	0	10	9											29
30	39	24	32	-6	33	0	0	0	W	9.1	21	NW	9:10	96	2	1											30
31	61	32	47	+9	18	0	0	0	WSW	11.7	22	SW	7:02	73	5	5											31
Sum	1837	1194				3.98	T				232.9		116:34		210	192											Sum
Avg	59.3	38.5									7.5		7:56		6.8	6.2											Avg

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

TEMPERATURE: (°F)
 Average monthly 48.9
 Departure from normal +9.4
 Highest 78 on 7th
 Lowest 24 on 50th
 Number of days with -
 Max. 32° or below 0
 Max. 80° or above 0
 Min. 32° or below 11
 Min. 0° or below 0

HEATING DEGREE DAYS (base 65°):
 Total this month 493
 Departure from normal -298
 Seasonal total (since July 1) 1236
 Seasonal departure from normal -296

PRECIPITATION: (In.)
 Total for the month 3.98
 Departure from normal +1.09
 Greatest in 24 hours 1.87 on 15-16
 Snow, Sleet T
 Total for the month T
 Greatest in 24 hours T on 27 & 29
 Greatest depth on ground 0 on --
 Dates of - Hail None
 Sleet None Glass None

BAROMETRIC PRESSURE (In.)
 Avg. station (elev. 164 feet, m. s. l.) 29.879
 Highest sea level 30.58 on 18th
 Lowest sea level 29.38 on 29th

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 = Passing 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.

Warmest December of record. New daily maximum temperature records were established on 4th, 6th, 7th and 21st. 78.4 on 7th was the highest December temperature ever recorded. ERRATA: Nov. 1966; on 1st max. 72, avg 66, daily departure +12. Monthly sum max. temp. 1731, avg. monthly max. 57.7, highest temp. 74 on 16th. Monthly sum of sky cover mid to mid (Col. 17) 162.

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
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3																											3
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31																											31

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