

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

RICHMOND, VIRGINIA
 BYRD FIELD
 DECEMBER 1962

Latitude 37° 30' N. Longitude 70° 20' W. Elevation (ground) 162 ft. Eastern Standard time used

Date	Temperature (°F)			Precipitation		Snow, Sleet, or Ice on ground at 7:00 (In.)	Wind			Sunshine		Sky cover		Thunderstorm or distant lightning	Weather restricting visibility to 1/4 mile or less	Cooling Degree Days (base 60)	James River Stage at City Locks** Stage in feet 8M	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)			
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	66	40	53	+10	12	0	0	0	NNE	10.4	15	NE	8:43	89	2	3			0	2.8			1
2	67	45	56	+13	9	0	0	0	NNE	11.0	16	NE	9:45	100	3	3			0	2.6			2
3	58	46	52	+10	13	0	0	0	NNE	10.0	14	NE	0:12	2	10	9			0	2.7			3
4	55	47	51	+9	14	0	0	0	N	10.1	14	N	0:00	0	10	10			0	2.4			4
5	64	39	52	+10	13	0	0	0	NW	8.3	12	NW	9:42	100	5	4			0	2.1			5
6	50	32	41	0	21	0	0	0	WSW	13.7	21	SW	0:00	0	10	9			0	1.5			6
7	50	32	41	0	21	0	0	0	WSW	14.6	31	SW	4:58	51	9	9			0	1.5			7
8	53	31	42	+1	23	0	0	0	SW	6.7	11	SW	4:35	47	5	5			0	1.7			8
9	50	28	39	-1	26	0	0	0	NW	8.2	21	W	1:52	19	9	6			0	1.2			9
10	34	21	28	-12	37	0	0	0	W	11.0	22	SW	9:02	94	2	1			0	0.5			10
11	35	16	26	-14	39	0	0	0	S	7.0	21	W	0:00	0	10	7			0	0.4			11
12	28	14	21	-19	44	0	0	0	N	11.4	17	N	9:38	100	0	1			0	0.0			12
13	28	9	19	-21	46	0	0	0	SW	7.6	13	SW	6:33	68	2	4			0	1.4			13
14	34	17	26	-13	39	0	0	0	NW	7.2	11	NW	9:36	100	1	3			0	0.8			14
15	39	13	26	-13	39	0	0	0	S	6.8	14	SW	3:26	36	7	4			0	2.0			15
16	41	22	32	-7	33	0	0	0	NW	5.3	10	NE	0:15	3	10	7			0	1.5			16
17	55	20	38	-1	27	0	0	0	SW	6.0	13	SW	8:50	92	1	2			0	2.0			17
18	54	26	40	+1	25	0	0	0	N	4.1	6	E	9:16	97	1	3			0	1.9			18
19	61	29	45	+6	20	0	0	0	SSW	7.2	16	SW	0:10	1	9	7			0	1.8			19
20	54	29	42	+3	23	0	0	0	NE	10.3	18	NE	0:00	0	10	9			0	0.3			20
21	29	23	26	-13	39	.97	3.6	2	NNE	9.4	14	E	0:00	0	10	10			0	0.3			21
22	46	27	37	-2	28	.09	0	3	SW	6.8	12	SW	4:40	49	6	6			0	0.4			22
23	51	25	38	-1	27	0	0	2	WSW	7.2	14	W	9:35	100	0	2			0	0.2			23
24	37	25	31	-8	34	0	0	1	NNE	7.6	14	NE	6:00	63	4	5			0	1.0			24
25	30	25	28	-11	37	.53	4.3	2	NNE	8.1	11	N	0:00	0	10	10			0	0.0			25
26	48	29	39	0	26	0	0	2	SW	5.6	8	NE	4:09	43	8	9			0	0.4			26
27	43	35	39	0	26	0	0	1	NE	5.9	10	E	2:11	23	8	9			0	1.0			27
28	43	26	35	-4	30	0	0	0	NE	5.3	11	NE	9:17	97	1	2			0	1.4			28
29	36	26	31	-8	34	.70	0	0	SE	6.6	17	N	0:00	0	10	10			0	1.9			29
30	36	19	28	-11	37	0	0	0	N	13.1	38	N	9:36	100	0	0			0	1.6			30
31	28	15	22	-17	43	0	0	0	NW	11.8	21	NW	9:37	100	0	0			0	1.6			31
Sum	1403	830				2.64	8.1			264.3			151:38		173	166			0	25.1			Sum
Avg	45.3	26.8								8.5			5.6		5.4					0.8			Avg.

T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure. Misc. 38

TEMPERATURE (°F)
 Average monthly 36.1
 Departure from normal -3.6
 Highest 67 on 2
 Lowest 9 on 13
 Number of days with -
 Max. 32° or below 5
 Max. 90° or above 0
 Min. 32° or below 25
 Min. 0° or below 0

HEATING DEGREE DAYS (base 65°)
 Total this month 891
 Departure from normal +107
 Seasonal total (since July 1) 1665
 Seasonal departure from normal +148

PRECIPITATION (In.)
 Total for the month 2.64
 Departure from normal -.33
 Greatest in 24 hours 1.00 on 21-22
 Snow, Sleet-
 Total for the month 8.1
 Greatest in 24 hours 4.3 on 25
 Greatest depth on ground 3 on 21,22,25
 Dates of - Hall none
 Sleet 21,22,25, Glaze/Rime 21,22,25

BAROMETRIC PRESSURE (In.)
 Avg. station (elev. 164 feet, m. s. l.) 29.899
 Highest sea level 30.68 on 24
 Lowest sea level 29.27 on 6

Symbols used in columns 18-19
 A = Hail L = Drizzle
 BS = Blowing snow N = Sand
 DL = Distant lightning R = Rain
 D = Dust S = Snow
 Z = Sleet T = Thunderstorm
 F = Fog ZL = Freezing drizzle
 H = Haze K = Smoke ZR = Freezing rain

*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.

New record low temperature set on the 13th. 8.5 degrees broke old record of 10.0 set in 1960.
 No Excessive Precipitation

**Zero of City Locks gage at 0 ft. MSL

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

Corrections, if any, to data in this issue will be published in a later issue.
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