

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

RICHMOND, VIRGINIA
 BIRD FIELD
 OCTOBER 1962

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 7:00 AM (In.)	Snow, Sleet (In.)	Snow, Sleet or Ice on ground at 7:00 AM (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 6 AM	Date			
	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	12	13	14	15	16	17	18	19	20	21	22	23	24
1	77	45	61	-4	4	0	0	0	SE	4.9	7	SE	10:38	90	3	3			1	1.4			1
2	77	53	65	0	0	.01	0	0	ENE	6.4	11	E	3:40	31	9	7			4	2.2			2
3	75	53	64	-1	1	0	0	0	E	7.1	11	SE	1:30	13	10	9			6	2.5			3
4	71	65	68	+4	0	.12	0	0	WNW	4.9	7	NE	0:00	0	10	10			9	2.6			4
5	80	60	70	+6	0	0	0	0	W	4.9	7	W	6:39	57	8	6			7	2.4			5
6	79	55	67	+3	0	0	0	0	N	4.7	9	NW	7:53	68	5	3		DL	5	1.8			6
7	80	52	66	+3	0	0	0	0	WNW	5.9	14	NW	9:41	84	1	2			5	1.6			7
8	87	58	73	+11	0	0	0	0	SSW	6.3	11	W	10:03	87	1	2		DL	5	0.6			8
9	78	55	67	+5	0	0	0	0	WNW	6.4	14	NW	3:50	33	0	0			7	-0.3			9
10	78	51	65	+4	0	0	0	0	NNW	6.1	16	N	11:28	100	0	0			2	-0.1			10
11	87	49	68	-7	0	0	0	0	SW	7.1	16	SW	11:25	100	0	0			6	0.8			11
12	87	52	70	+10	0	0	0	0	SW	7.6	13	SW	11:23	100	0	0			8	0.4			12
13	78	53	66	+6	0	0	0	0	E	6.4	14	NE	10:25	92	7	6			5	0.5			13
14	78	52	65	+5	0	0	0	0	SE	5.1	6	S	8:20	74	6	5			3	1.5			14
15	79	58	69	+10	0	0	0	0	SE	5.8	11	SE	2:53	26	8	6			6	1.9			15
16	82	59	71	+12	0	0	0	0	S	6.3	10	S	5:04	45	7	7			8	2.3			16
17	79	51	65	+6	0	0	0	0	SSW	7.3	12	NE	3:28	31	7	6			5	2.5			17
18	69	44	57	-1	8	0	0	0	NNE	8.3	12	NE	10:01	90	6	4			0	2.5			18
19	72	43	58	0	7	0	0	0	NNE	8.6	15	NE	11:06	100	0	0			0	2.4			19
20	75	42	59	+1	6	0	0	0	N	6.1	10	NE	11:04	100	0	0			0	2.1			20
21	73	48	61	+4	4	.05	0	0	WSW	6.6	11	N	0:31	5	10	8			3	1.0			21
22	69	45	57	0	8	T	0	0	NNE	7.0	15	NE	10:59	100	0	2			0	-0.3			22
23	74	46	60	+4	5	0	0	0	SW	9.5	19	NW	8:09	74	3	2			0	-0.1			23
24	60	31	46	-10	19	0	0	0	WNW	6.4	14	N	8:25	77	2	2			0	-0.1			24
25	54	28	41	-15	24	.01	0	0	W	5.1	20	W	0:00	0	10	6			0	-0.1			25
26	49	31	40	-15	25	0	0	0	WNW	11.8	20	NW	7:35	70	4	2			0	-1.1			26
27	55	21	38	-17	27	0	0	0	W	6.5	13	SW	10:48	100	0	0			0	-0.8			27
28	74	34	54	-1	11	0	0	0	SSW	9.5	18	SW	10:46	100	1	0			0	-0.3			28
29	69	42	56	+2	9	0	0	0	NE	7.2	13	N	7:24	69	3	5			0	-0.8			29
30	72	45	59	+5	6	T	0	0	S	7.6	14	S	0:18	3	9	9			0	1.1			30
31	63	44	54	0	11	.31	0	0	NNE	8.6	16	N	0:00	0	10	10			0	1.5			31
Sum	2281	1465				.50	0			212.0			215:26		149	135			99	31.6			Sum
Avg	73.6	47.3								6.8	Fastest	Dir.	Possible	%	4.8	4.4				1.0			Avg.
T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure. Misc. 20 NW 1/4 348:02 62																							

TEMPERATURE: (°F)
 Average monthly 60.5
 Departure from normal +1.3
 Highest 87 on 8, 11, 12
 Lowest 21 on 27
 Number of days with -
 Max. 32° or below 0
 Max. 90° or above 0
 Min. 32° or below 4
 Min. 0° or below 0

HEATING DEGREE DAYS (base 65°):
 Total this month 175
 Departure from normal -27
 Seasonal total (since July 1) 248
 Seasonal departure from normal +10

PRECIPITATION: (In.)
 Total for the month 0.50
 Departure from normal -2.50
 Greatest in 24 hours 0.31 on 31
 Snow, Sleet -
 Total for the month 0
 Greatest in 24 hours 0 on -
 Greatest depth on ground 0 on -
 Dates of - Hail 0
 Sleet 0 Glaze/Rime 0

BAROMETRIC PRESSURE (In.)
 Avg. station (elev. 164 *feet, m. s. l.) 29.836
 Highest sea level 30.46 on 27th
 Lowest sea level 29.60 on 8th

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
 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.

The driest October since 1941 and the 4th driest October for all times since beginning of records in 1871. 87 degrees on 12th equalled the highest of record for date. New record low temperatures for dates set on the 24th, 25th and 27th. 21 degrees on the 27th was the lowest temperature ever recorded so early in the season.

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

1/4 Last of several occurrences.

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							T				.01													2	
3																								3	
4		T	T																					4	
5				T	.01																			5	
6						T	T																	6	
7																								7	
8																								8	
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21													.02	T	.01	.01	.01	T			T	T		21	
22			T																					22	
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26																								26	
27																								27	
28																								28	
29																								29	
30																								30	
31					.01	.06	.01	.01	.05	.03	.01	.05	.01	T	.01	T	.02	.02	.01	.01	T	T		31	

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

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