

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

RICHMOND, VIRGINIA (Byrd Field)

OCTOBER 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 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 (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	23	24
1	75	55	65	0	0	0	0	0	NNE	6.1	11	NE	11:00	93	2	3					
2	85	53	69	+4	0	0	0	0	S	7.7	14	SW	7:51	67	5	4					
3	82	59	71	+6	0	0	0	0	SE	6.8	11	SE	8:05	69	6	5					
4	82	62	72	+8	0	0	.01	0	S	7.7	16	SW	5:44	49	9	9					
5	71	62	67	+3	0	0	0	0	NNE	7.9	13	NE	0:00	0	10	10					
6	64	59	62	-1	3	0	.08	0	NNE	5.3	9	NE	0:00	0	10	10					
7	72	49	61	-2	4	0	0	0	NW	8.8	18	NW	8:25	73	3	4					
8	73	41	57	-5	8	0	0	0	SSW	7.0	14	S	11:33	100	0	0					
9	77	47	62	0	3	0	0	0	N	7.3	14	SE	11:30	100	0	0					
10	63	44	54	-7	11	0	0	0	N	9.8	15	NE	11:28	100	2	3					
11	60	35	48	-13	17	0	0	0	NE	8.5	16	NE	11:25	100	0	0					
12	65	37	51	-9	14	0	0	0	N	7.9	16	NE	10:15	90	3	2					
13	67	42	55	-5	10	0	0	0	ENE	6.2	11	SE	7:39	67	4	2					
14	73	43	58	-2	7	0	0	0	NW	3.3	6	NE	9:06	60	3	2					
15	77	43	60	+1	6	0	0	0	ESE	4.0	9	NE	11:17	100	3	2					
16	74	50	62	+3	3	0	0	0	NE	8.5	16	NE	3:02	27	9	10					
17	66	61	64	+5	1	.80	0	0	NNE	17.2	27	NE	0:00	0	10	10					
18	75	54	65	+7	0	.68	0	0	NW	8.8	22	NW	5:50	61	7	6					
19	84	51	58	0	7	0	0	0	NE	10.4	20	NE	1:37	16	9	8					
20	63	47	55	-3	10	0	0	0	NNE	6.4	11	NE	0:17	3	10	8					
21	70	55	63	+6	2	.19	0	0	NE	9.8	18	NE	0:00	0	10	10					
22	70	62	66	+9	0	1.77	0	0	E	9.5	19	SE	0:00	0	10	10					
23	74	58	66	+10	0	.06	0	0	SW	4.3	7	NW	6:14	57	7	6					
24	71	55	63	+7	2	.27	0	0	NNE	7.9	18	NE	0:19	3	10	8					
25	60	50	55	-1	10	0	0	0	NNE	14.1	17	NE	4:16	39	7	9					
26	60	50	55	0	10	.13	0	0	NNE	11.1	17	NE	0:00	0	10	10					
27	61	54	58	+3	7	.54	0	0	NW	11.4	16	NW	0:00	0	10	10					
28	67	54	61	+6	4	T	0	0	NNE	14.6	26	NE	2:25	22	8	9					
29	61	54	58	+4	7	T	0	0	NNE	14.7	19	NE	0:00	0	10	10					
30	67	60	64	+10	1	.58	0	0	NE	12.4	20	NE	0:00	0	10	10					
31	78	62	70	+16	0	.01	0	0	SE	9.3	16	E	3:06	29	8	8					
Sum	2167	1608				4.92	0			274.6			253:24		204	198			19.0		Sum
Avg.	69.9	51.9								8.9	Fastest 27	Dir. NE	Possible 348:23	% 44	6.8	6.4			0.6		Avg. Misc.

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

<p>TEMPERATURE: (°F) Average monthly 60.9 Departure from normal +2.1 Highest 85 on 2nd Lowest 35 on 11th Number of days with - Max. 32° or below 0 Max. 90° or above 0 Min. 32° or below 0 Min. 0° or below 0</p>	<p>HEATING DEGREE DAYS (base 65°): Total this month 148 Departure from normal - 84 Seasonal total (since July 1) 224 Seasonal departure from normal - 19</p>	<p>PRECIPITATION: (In.) Total for the month 4.92 Departure from normal +2.31 Greatest in 24 hours 1.94 on 21-22 Snow, Sleet or Ice on ground 0 Total for the month 0 Greatest in 24 hours 0 on - Greatest depth on ground 0 on - Dates of - Sleet None Hail None Glaze None</p>
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Symbols used in columns 18-19
 A = Hail L = Drizzle
 BS = Blowing snow N = Sand
 DL = Distant lightning R = Rain
 D = Dust T = Snow
 E = Sleet
 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.

Total rainfall for first 16 days, .09 inch, equalled normal expectancy for one day. During the last 15 days, 4.85 inches fell, or more than four times the normal expectancy for that period. Harvesting and fall planting were severely hampered, first by dry weather and then by rain and wet soil.

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	T	.01	T																					4	
5				T	T																			5	
6	.05	.02																						6	
7																								7	
8																								8	
9																								9	
10																								10	
11																								11	
12																								12	
13																								13	
14																								14	
15																								15	
16																								16	
17																								17	
18	.20	.14	.13	.14	.06	.01	T	.01					T	T	T	.02	.06	.07	.21	.14	.08	.14	.10	18	
19																								19	
20																								20	
21																								21	
22	.11	.01	.07	.08	.10	.13	.15	.80	.20	.01	T	T											.01	22	
23	T	.06																						T	23
24																									24
25																									25
26																									26
27	T	T	.02	.04	.07	.07	.04	.04	.01	.01	.01	T	T	.01	T	T	.05	.01	.01	T	T	.01	.01	27	
28	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	28
29	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	29
30	T	T	.01	T	.01	.04	.08	.16	.08	.05	.01	.01	T	T	.01	T	T	T	T	T	T	.08	.02	.04	30
31		.01	T																						31

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