

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

RICHMOND, VIRGINIA
 BYRD FIELD
 NOVEMBER 1962

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

Date	Temperature (°F)			Departure from normal	Degree days (base 65°)	Precipitation		Snow, Sleet or Ice on ground at 7:00 AM (In.)	Snow, Sleet or Ice on ground at 7:00 PM (In.)	Prevailing direction	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 R&M	Date		
	Maximum	Minimum	Average			Total (Water equivalent) (In.)	Average speed (m. p. h.)				Fastest mile	Total (hours and minutes)	Percent of possible	Speed (m. p. h.)	Direction	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	60	37	49	-5	16	0	0	0	NNW	7.7	15	NW	10:38	100	0	0			0	2.2			1
2	59	31	45	-9	20	0	0	0	NE	8.5	14	NE	1:40	16	10	7			0	2.4			2
3	48	41	45	-9	20	1.27	0	0	N	10.5	19	NE	0:00	0	10	10			0	2.4			3
4	56	36	46	-7	19	0	0	0	SE	4.6	7	W	1:57	19	8	8			0	2.0			4
5	48	34	41	-12	24	.71	0.9	0	SE	8.8	21	NW	0:00	0	10	8			0	1.9			5
6	54	28	41	-11	24	0	0	0	NNW	6.3	14	N	10:27	100	0	0			0	1.9			6
7	62	25	44	-8	21	0	0	0	S	5.8	12	SW	10:25	100	0	1			0	0.5			7
8	66	37	52	0	13	0	0	0	SSW	5.9	9	S	2:26	23	9	7			0	0.8			8
9	64	45	55	+4	10	2.22	0	0	ESE	12.2	27	SE	0:00	0	10	10			0	0.9			9
10	59	43	54	+3	11	.13	0	0	WSW	13.2	23	SW	0:50	8	9	8			0	1.7			10
11	69	44	57	+6	8	0	0	0	WSW	9.2	15	NW	8:06	79	3	3			0	3.7			11
12	58	33	46	-4	19	0	0	0	NE	5.3	8	NE	9:11	89	3	3			0	2.7			12
13	51	35	43	-7	22	0	0	0	N	8.6	21	N	1:15	12	8	6			0	2.8			13
14	58	32	45	-5	20	0	0	0	NNW	8.1	15	N	10:12	100	0	0			0	2.6			14
15	66	29	48	-1	17	0	0	0	WSW	4.2	8	SW	9:11	90	2	3			0	2.9			15
16	69	39	54	+5	11	0	0	0	WSW	4.6	7	S	2:07	21	7	7			0	2.8			16
17	73	47	60	+12	5	T	0	0	SSW	5.8	11	W	1:54	19	9	9			1	3.2			17
18	60	36	48	0	17	1.55	0	0	N	9.0	25	N	0:00	0	10	8			0	2.4			18
19	47	31	39	-8	26	0	0	0	N	5.7	11	NE	4:04	40	7	6			0	2.1			19
20	49	38	44	-3	21	.08	0	0	S	5.8	10	S	0:40	7	9	8			0	0.8			20
21	47	40	49	+2	16	.27	0	0	SW	9.3	13	SW	0:00	0	10	10		RF	0	0.2			21
22	62	38	50	+3	15	.33	0	0	NW	12.7	22	NW	2:20	23	7	5			0	0.1			22
23	53	26	40	-6	25	0	0	0	NNW	5.2	9	NW	9:57	100	0	1			0	0.5			23
24	62	39	51	+5	14	0	0	0	NE	10.1	16	NW	7:43	78	3	4			0	0.6			24
25	43	32	38	-7	27	.16	T	0	NNE	6.7	11	N	0:00	0	10	8			0	1.0			25
26	45	34	40	-5	25	0	0	0	NNE	15.3	23	NE	1:23	14	8	6			0	1.0			26
27	51	38	45	0	20	0	0	0	NNE	14.8	19	NE	0:00	0	10	10			0	3.5			27
28	52	44	48	+4	17	.01	0	0	NNE	13.5	17	NE	0:00	0	10	10			0	3.0			28
29	64	44	54	+10	11	0	0	0	NE	11.5	15	N	4:49	49	5	5			0	2.6			29
30	64	41	53	+10	12	0	0	0	NNE	9.4	12	NE	9:48	100	0	2			0	2.4			30
31	64	41	53	+10	12	0	0	0	NNE	9.4	12	NE	9:48	100	0	2			0	2.4			31
Sum	1729	1102				6.73	0.9			258.3			121:03		187	173			1	49.5			Sum
Avg	57.6	36.7								8.6		Fastest	Dir.	Possible	%	6.2	5.8			1.7			Avg.
T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure. Misc. 27 SE 305-16 40																							

TEMPERATURE: (°F) Average monthly 47.2, Departure from normal -1.3, Highest 73 on 17, Lowest 25 on 7, Number of days with - Max. 32° or below 0, Max. 90° or above 0, Min. 32° or below 8, Min. 0° or below 0.

HEATING DEGREE DAYS (base 65°): Total this month 526, Departure from normal +31, Seasonal total (since July 1) 774, Seasonal departure from normal +41.

PRECIPITATION: (In.) Total for the month 6.73, Departure from normal +3.69, Greatest in 24 hours 2.35 on 9-10, Snow, Sleet - Total for the month 0.9, Greatest in 24 hours 0.9 on 5, Greatest depth on ground T on 6, Dates of - Hail 0, Sleet 0, Glaze/Rime 0.

BAROMETRIC PRESSURE (In.) Avg. station (elev. 164, *feet, m.s.l.) 29.910, Highest sea level 30.59 on 25, Lowest sea level 29.26 on 22.

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.

*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.

In contrast to very dry October this was the wettest November since the all time record of 7.64 inches in 1959 and the 3rd wettest November since the beginning of records in 1871.

No Excessive Precipitation

*Effective with data for November 1962, daily temperature normals used to calculate values in Column 5 of this bulletin are climatological standard normals based on the period 1931 - 1960.

**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				.01	.11	.22	.15	.03	T	.03	.24	.27	.13	.03	.03	T	T	.01	.01					4		
5			T	T	.07	.03	.03	.03	.05	.04	.01	.03	.05	.20	.02	.04	.04	.05	.04	T				5		
6																								6		
7																								7		
8																								8		
9											T	.05	.04	.02	.09	.27	.33	.14	.04	.09	.18	.17	.26	.41	.33	9
10	.06	T	T			.07	T																		10	
11																									11	
12																									12	
13																									13	
14																									14	
15																									15	
16																									16	
17																								T	17	
18	.02	.01	T	T	.01	.07	.34	.06	.11	.23	.28	.13	.12	.01	.09	.07	T							18		
19																									19	
20					T	T	.03	T	.01	.02	.01	.01	.02	.03	.01	.12	.03	.01	T	.01	.03	.01	T	T	20	
21																									21	
22	.05	.03	.01	.01	T	T	.02	.21																	22	
23																									23	
24																									24	
25																									25	
26																									26	
27																									27	
28																									28	
29						T	T	T	T	T	.01	T	T	T	T	T	T							29		
30																									30	
31																									31	

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

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