

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

RICHMOND, VIRGINIA
BYRD FIELD
SEPTEMBER 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.)	Wind			Sunshine		Sky cover		Thunderstorm or distant lightning	Weather restricting visibility to ¼ mile or less	Cooling Degree Days (Base 60°)	James River Stage at City Locks* Stage in feet 8 AM	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	93	63	78	+4	0	0	0	S	5.8	13	SW	12:46	98	2	3				1	
2	93	67	80	+5	0	0	0	SSW	7.2	16	N	8:31	66	6	7				2	
3	71	66	69	-6	0	.01	0	NNE	6.8	11	N	0:00	0	10	10				3	
4	75	68	72	-1	0	.18	0	SSE	5.6	8	SE	0:00	0	10	10				4	
5	87	69	78	+5	0	.09	0	NNE	5.9	12	N	6:54	54	9	8	DL			5	
6	71	50	61	-12	4	0	0	NNE	9.6	23	N	7:45	61	5	5	DL			6	
7	72	49	61	-12	4	0	0	S	4.4	7	NE	5:50	46	7	5				7	
8	80	48	64	-9	1	0	0	ESE	5.4	9	SE	10:15	81	4	3				8	
9	86	55	71	-2	0	0	0	SE	5.9	9	SE	8:05	64	7	6				9	
10	86	67	77	+5	0	.05	0	SSW	8.7	14	S	8:32	68	8	7				10	
11	89	59	74	+3	0	0	0	WNW	7.9	14	W	11:34	92	3	4	DL			11	
12	85	52	69	-3	0	0	0	N	5.3	12	N	12:34	100	0	0	DL			12	
13	89	52	71	-1	0	0	0	S	5.6	11	S	12:32	100	2	1				13	
14	82	61	72	+6	0	0	0	SW	6.8	17	N	8:28	68	8	6				14	
15	81	62	72	+1	0	0	0	NE	5.8	10	NE	7:23	59	9	7				15	
16	68	62	65	-6	0	.20	0	W	4.4	6	NW	0:00	0	10	10				16	
17	78	62	70	-1	0	1.23	0	W	7.3	13	W	2:35	21	9	7				17	
18	78	55	67	-3	0	0	0	WNW	7.8	14	NW	12:10	99	1	1				18	
19	79	45	62	-8	3	0	0	SW	6.3	13	SW	10:21	84	2	2				19	
20	68	45	57	-13	8	.11	0	NNE	9.5	15	N	7:09	58	6	5				20	
21	67	43	55	-14	10	0	0	NNE	7.1	8	N	12:01	98	1	0				21	
22	72	40	56	-13	9	0	0	NE	5.3	8	NE	2:56	24	10	7				22	
23	70	50	60	-9	5	.01	0	NNE	10.3	17	NE	1:25	12	9	7				23	
24	71	44	58	-10	7	0	0	N	5.6	8	NE	10:38	88	3	2				24	
25	75	49	62	-6	3	0	0	SSW	7.6	13	SW	4:40	39	9	7				25	
26	68	61	65	-2	0	.99	0	SW	4.1	5	SW	0:00	0	10	10				26	
27	65	59	62	-5	3	.59	0	NW	6.0	10	NW	0:00	0	10	10				27	
28	73	51	62	-5	3	0	0	WSW	8.6	16	W	10:24	87	3	2				28	
29	72	43	58	-8	7	0	0	W	5.4	10	W	11:41	98	0	0				29	
30	75	43	59	-7	6	0	0	SE	4.9	9	SW	11:00	93	7	4				30	
31																			31	
Sum	2329	1640				3.46	0		196.9			218:09		180	156			170	35.9	Sum
Avg	77.6	54.7							6.6	Fastest	Dir.	Possible	%	6.0	5.2				1.2	Avg
T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure. Misc. 23 N 372:43 59																				

TEMPERATURE: (°F) Average monthly 66.2 Departure from normal -4.0 Highest 93 on 1,2 Lowest 40 on 22 Number of days with - Max. 32° or below 0 Max. 90° or above 3 Min. 32° or below 0 Min. 0° or below 0

HEATING DEGREE DAYS (base 65°): Total this month 73 Departure from normal +37 Seasonal total (since July 1) 73 Seasonal departure from normal +37

PRECIPITATION: (In.) Total for the month 3.46 Departure from normal -.19 Greatest in 24 hours 1.57 on 26-27 Snow, Sleet - Total for the month 0 Greatest in 24 hours - on 0 Greatest depth on ground - on 0 Dates of - Hail 0 Sleet 0 Glaze/Rime 0

BAROMETRIC PRESSURE (In.) Avg. station (elev. 164 *feet, m. s. l.) 29.882 Highest sea level 30.43 on 21 Lowest sea level 29.61 on 27

Symbols used in columns 18-19: A = Hail, BS = Blowing snow, DL = Distant lightning, D = Dust, E = Sleet, F = Fog, H = Haze, K = Smokes, 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.

Coolest September since 1940 when average monthly of 66.2 was recorded. New record low temperature of 48.8 on the 8th broke old record of 49.2 set in 1924.

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

"In September 1961 issue of Supplement to this Bulletin, several errors were noted in wet bulb temperatures in Table 1. These resulted in errors in Tables F, G, & I. Copies of corrected values may be obtained free of charge by writing to National Weather Records Center, Asheville, North, Carolina."

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	T	T	T	T	T	T	T	T	T	T	T	T	T	T	.01	T	T	T	T	T	T				3	
4																							T	.04	4	
5	T																								5	
6																									6	
7												T													7	
8																									8	
9																									9	
10																									10	
11																									11	
12																									12	
13																									13	
14																									14	
15																									15	
16																									16	
17	.08	.04	.04	.05	.04	.17	.34	.12	.07	.27	.01	.03	.03	.01	.01	T	.01	T	T	T	T	.01	.03	.06	17	
18																									18	
19																									19	
20																									20	
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24																									24	
25																									25	
26																									26	
27	.07	T	T	.01	.01	.03	.16	.13	.02	T	.04	.07	.01	T	.02	.05	.05	.09	.06	.15	.18	.12	.10	.05	.09	27
28																									28	
29																									29	
30																									30	
31																									31	

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

Subscription Price: Monthly Local Climatological Data \$1.00 per year including annual Summary if published; \$1.00 per year for monthly Supplement only; \$1.50 per year for monthly Summary, monthly Supplement and annual Summary if published. Single copy prices: 10 cents for monthly Summary; 10 cents for monthly Supplement; 15 cents for annual Summary.

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