

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

RICHMOND, VIRGINIA (Byrd Field)

SEPTEMBER 1955

Latitude 37° 30' N.

Longitude 77° 20' W.

Elevation (ground) 162 ft.

EASTERN

Standard time used

Date	Temperature (°F)			Precipitation	Snow, Sleet, Hail or Ice on ground at 7:30 AM (In.)	Snow, Sleet, Hail (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				Prevaling direction	Average speed (m. p. h.)	Fastest mile		Total (hours and minutes)	Percent of possible					Sunrise to sunset (tenths)	Midnight to midnight (tenths)		
1	84	68	76	+2	0	0	S	4.7	17	E	6:40	44	9	10	DL		0.8	1		
2	71	68	70	-4	0	0	NNE	6.9	14	NE	0:00	0	10	10			0.8	2		
3	73	67	70	-4	0	0	NE	8.5	17	NE	0:00	0	10	10			0.8	3		
4	76	67	72	-1	0	0	N	6.4	10	NE	0:00	0	10	9			0.8	4		
5	86	65	76	+3	0	0	S	4.9	9	S	5:54	47	8	8			1.5	5		
6	86	69	78	+5	0	0	S	4.4	8	E	8:21	66	8	8			1.2	6		
7	86	68	77	+4	0	0	N	4.9	11	E	5:58	44	7	6	DL	F	1.2	7		
8	75	69	67	-6	0	0	NNE	8.4	16	NE	12:45	100	0	0			1.2	8		
9	77	68	68	-5	0	0	E	6.9	12	E	2:01	16	8	6			1.0	9		
10	84	68	71	-1	0	0	E	6.1	15	SE	6:56	52	5	5			0.9	10		
11	77	66	72	0	0	0	NNE	7.5	21	NE	6:35	52	7	6			0.8	11		
12	76	59	68	-4	0	0	N	8.5	16	N	12:11	97	5	3			0.5	12		
13	71	54	63	-9	0	0	NE	7.0	13	NE	1:56	15	9	9			0.5	13		
14	80	49	65	-9	0	0	NE	4.9	12	SE	11:53	85	4	2			0.8	14		
15	86	59	72	+1	0	0	S	4.1	10	S	9:02	73	3	3			0.4	15		
16	90	62	76	+5	0	0	SE	5.2	11	SE	12:24	100	0	0			0.4	16		
17	86	64	75	+4	0	0	E	5.2	9	E	7:25	60	5	4			0.4	17		
18	81	67	74	+4	0	0	NNE	10.0	17	NE	4:11	34	9	9			0.4	18		
19	74	70	72	+2	0	3.65	NNE	19.1	30	NE	0:00	0	10	10			0.5	19		
20	88	70	79	+9	0	0.20	NW	11.4	30	NW	7:56	65	7	8			1.3	20		
21	79	58	69	0	0	0	SE	4.7	8	N	11:02	90	4	2			0.7	21		
22	72	64	68	-1	0	0.15	ENE	6.0	13	SE	0:00	0	10	10			0.5	22		
23	73	64	69	0	0	0	E	7.9	13	SE	0:03	0	10	10			0.5	23		
24	80	67	74	+6	0	-0.18	S	7.8	13	S	0:00	0	10	10		T	0.4	24		
25	78	58	67	-1	0	0	N	8.1	12	NE	6:40	56	6	5			0.0	25		
26	68	51	60	-7	5	0	NNE	7.2	14	NE	6:22	53	6	6			0.5	26		
27	75	50	63	-4	2	0	SE	6.3	12	SE	5:48	48	7	7			0.3	27		
28	84	65	75	+8	0	0	WSW	7.8	15	NE	6:53	66	4	5			0.4	28		
29	80	59	70	+4	0	0	ESE	7.4	13	SE	11:54	100	1	1			0.5	29		
30	80	59	70	+4	0	1.08	SSW	7.8	15	SW	5:01	25	9	7			0.5	30		
31																				31
Sum	2372	1862				5.79				216.0		171.49		199	189			20.8		Sum
Avg.	79.1	62.1								7.2		5.8		6.6	6.3			0.7		Avg.

T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure. Misc. 30

**TEMPERATURE: (°F)**  
 Average monthly 70.8  
 Departure from normal +0.3  
 Highest 90 on 16th  
 Lowest 49 on 14th  
 Number of days with -  
 Max. 32° or below 0  
 Max. 90° or above 0  
 Min. 32° or below 0  
 Min. 0° or below 0

**HEATING DEGREE DAYS (base 65°):**  
 Total this month 9  
 Departure from normal -24  
 Seasonal total (since July 1) 9  
 Seasonal departure from normal -24

**PRECIPITATION: (In.)**  
 Total for the month 5.79  
 Departure from normal +2.14  
 Greatest in 24 hours 3.62 on 19-20th  
 Snow, Sleet and Hail -  
 Total for the month 0  
 Greatest in 24 hours 0 on -  
 Greatest depth on ground 0 on -  
 Dates of - Hail None  
 Sleet None Glaze None

**BAROMETRIC PRESSURE (In.)**  
 Avg. station (elev. 164 feet, m. s. l.) 29.753  
 Highest sea level 30.41 on 27th  
 Lowest sea level 29.40 on 20th  
 Also from the NW on the 20th.

**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 2R = 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.

The maximum temperature for the month (90) is the lowest September monthly maximum since 1949 when it was 88.  
 The minimum temperature for the month (49) is the highest September monthly minimum since 1945 when it was 54.  
 Hurricane Ione dumped 3.82 inches of rain at this station in the 24 hours between 5:59 A.M. on the 19th and 5:12 A.M. on the 20th and 2.98 inches in 12 hours between 6:55 A.M. and 6:54 P.M. on the 19th.

**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							.02																			1	
2	T	T	T	T								.01														2	
3								T	T		T			.05	.02	T				T		.05	.01			3	
4														.06	.04	.05	.01	.05	.05	.03	.02					4	
5																										5	
6																										6	
7																										7	
8																										8	
9																										9	
10																										10	
11				T																						11	
12																										12	
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17																										17	
18																										18	
19																										19	
20		.14	.02	.03		T	T	.01	.09	.25	.38	.18	.27	.25	.07	.13	.51	.58	.51	.11	.14	.25	.15	.08	.03	.07	20
21																										21	
22				.02		.06	T								.05	T	T							T	T	22	
23																										23	
24																		.01	.16	.01		T	T			24	
25																										25	
26																										26	
27																										27	
28																										28	
29																										29	
30																										30	
31																										31	

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