

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

RICHMOND, VIRGINIA (Byrd Field)

OCTOBER 1958

Latitude 37° 30' N. Longitude 77° 20' W. Elevation (ground) 162 ft. EASTERN Standard time used

Date	Temperature (°F)			Precipitation (in.)	Snow, Sleet or Ice on ground at 7:00AM (In.)	Snow, Sleet (In.)	Snow, Sleet, or Ice on ground at 7:00AM (In.)	Wind			Sunshine (hours and minutes)	Sky cover (tenths)	Thunderstorm or distant lightning	Weather restricting visibility to 1/4 mile or less	(feet) STAGE James River 8:00AM	Date	
	Maximum	Minimum	Average					Prevailing direction	Average speed (m. p. h.)	Fastest mile (m. p. h.)							Direction
1	70	51	61	-4	1.38	0	0	S	9.1	19	N	0:00	0	10	10	2.4	1
2	55	50	53	-12	.13	0	0	N	7.6	18	NE	0:00	0	10	10	3.4	2
3	58	51	55	-10	.07	0	0	N	6.4	9	SW	0:00	0	10	10	3.6	3
4	67	52	60	-4	.23	0	0	NNW	5.3	7	SW	2:46	24	9	7	3.6	4
5	77	48	63	-1	0	0	0	N	6.3	14	N	7:10	61	3	3	3.0	5
6	59	39	49	-14	0	0	0	NNE	8.5	16	NE	9:25	81	3	1	3.1	6
7	69	45	57	-6	0	0	0	N	8.4	13	NE	8:18	72	3	4	2.7	7
8	71	51	61	-1	0	0	0	N	7.0	11	N	4:02	35	9	6	2.1	8
9	81	53	67	+5	0	0	0	S	4.9	8	S	11:30	100	0	0	1.5	9
10	87	58	73	+12	0	0	0	SW	8.0	17	NW	11:28	100	1	1	1.4	10
11	69	46	58	-3	0	0	0	W	7.4	16	W	11:25	100	0	0	0.4	11
12	65	43	54	-6	0	0	0	NNW	6.1	15	NW	11:23	100	0	0	1.7	12
13	72	39	56	-4	0	0	0	SW	3.2	12	S	11:21	100	2	2	1.0	13
14	70	53	62	+2	0	0	0	NE	7.9	13	E	5:12	46	7	7	2.0	14
15	83	53	68	+9	0	0	0	S	4.7	9	S	11:17	100	1	1	2.2	15
16	84	56	70	+11	0	0	0	S	7.3	12	SW	11:14	100	0	0	3.0	16
17	83	57	70	+11	0	0	0	SW	7.6	12	SW	7:23	66	1	0	3.2	17
18	69	56	63	+5	0	0	0	NE	7.1	14	NE	1:40	15	8	7	2.9	18
19	60	51	56	-2	0	0	0	NNE	11.3	18	NE	0:22	3	10	10	3.0	19
20	65	46	56	-2	0	0	0	NNE	14.5	22	NE	9:47	94	6	6	3.8	20
21	55	51	53	-4	2.65	0	0	NNE	16.6	26	N	0:00	0	10	10	5.1	21
22	70	54	62	+5	.65	0	0	NNE	10.2	17	N	0:03	0	10	10	3.9	22
23	70	61	66	+10	0	0	0	NE	3.7	8	NE	0:00	0	10	9	3.0	23
24	76	55	66	+10	0	0	0	W	5.3	10	S	9:38	88	4	4	1.3	24
25	66	46	56	0	0	0	0	NNW	6.2	11	NW	6:35	60	6	4	1.1	25
26	61	42	52	-3	0	0	0	WNW	6.1	12	N	5:41	52	5	6	2.4	26
27	62	44	53	-2	.24	0	0	WSW	4.7	15	NW	5:20	49	6	7	3.3	27
28	58	42	50	-5	0	0	0	WSW	7.6	18	NW	0:36	5	9	9	2.0	28
29	63	40	52	-2	0	0	0	WSW	7.5	17	NW	10:45	100	1	2	2.2	29
30	68	37	53	-1	0	0	0	WSW	6.1	14	W	10:43	100	0	0	1.0	30
31	70	35	53	-1	0	0	0	SSW	7.1	12	SW	10:40	100	0	0	2.1	31
Sum	2133	1505			5.35	0			229.7			195:44		154	146	77.4	Sum
Avg	68.8	48.5							7.1	Fastest	Dir.	Possible	%	5.0	4.7	2.5	Avg
									Misc.	26	N	348:23	56				Misc.

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

**TEMPERATURE: (°F)**  
 Average monthly 58.7  
 Departure from normal - .1  
 Highest 87 on 10th  
 Lowest 35 on 31st

**HEATING DEGREE DAYS (base 65°):**  
 Total this month 212  
 Departure from normal + 2  
 Seasonal total (since July 1) 236  
 Seasonal departure from normal - 7

**PRECIPITATION: (in.)**  
 Total for the month 5.35  
 Departure from normal +2.74  
 Greatest in 24 hours 2.76 on 21-22nd

**BAROMETRIC PRESSURE (in.)**  
 Avg. station (elev. 164 feet, m.s.l.) 29.904  
 Highest sea level 30.49 on 14th  
 Lowest sea level 29.80 on 25th

**Excessive Precipitation**  
 Period, minutes 5 10 15 20 30 45 60 80 100 120 150 180  
 Oct. 21 amounts .17 .26 .31 .40 .51 .66 .70 .96 1.10 1.20 1.23 1.30

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**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	T			T	T	.02	.16	.41	.06	.11	.13	.04	.21	.12	.03	.03	.02	.04	T					1	
2				.01	.01	.03	.01	.01	.02	T	.02	T	T	T										2	
3				T	.01	.01	T	T	T	T	T	T	T	T										3	
4				T	T	T	T	T	T	T	T	T	T	T										4	
5	.04	.09	.05	.03	.02																			5	
6																								6	
7																								7	
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21																								21	
22	.08	T	.01	T	.01	.01	T	T	T	.01	.03	.02	T	.02	.13	.15	.23	.15	.06	.47	.49	.35	.03	.51	22
23	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	.02	T	T	T	.01	23
24																									24
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