

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

RICHMOND, VIRGINIA (Chimborazo Park)

DECEMBER 1962

Latitude 37° 32' N. Longitude 77° 25' W. Elevation (ground) 162 ft. Eastern Standard time used

Date	Temperature (°F)			Precipitation	Snow, Sleet, Hail or Ice on ground at 5:00 P.M. (In.)	Snow, Sleet, Hail (In.)	Snow, Sleet, Hail or Ice on ground at 5:00 P.M. (In.)	Wind			Sunshine	Sky cover		Thunderstorm or distant lightning	Weather restricting visibility to 1/4 mile or less	24-Hrs. Ending 5 P.M.			James River Stage at 8 A.M.	Date			
	Maximum	Minimum	Average					Departure from normal	Degree days (base 65°)	Total (Water equivalent) (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)	Maximum Temperature
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	41	25	33	-10	32	0.00	0	0											41.2	25.4	0.00	1.0	1
2	37	31	34	-9	31	0.26	T	0											37.5	29.8	0.22	1.0	2
3	39	31	35	-7	30	T	0	0											39.4	31.2	0.04	1.0	3
4	45	37	41	-1	24	0.03	0	0											45.4	37.3	T	1.5	4
5	46	40	43	+1	22	0.31	0	0											45.8	40.6	0.34	1.0	5
6	54	34	44	+2	21	0.00	0	0											54.0	34.0	0.00	1.0	6
7	54	29	42	+1	23	0.00	0	0											53.5	29.4	0.00	1.3	7
8	56	38	47	+6	18	0.00	0	0											55.9	37.9	0.00	1.0	8
9	54	32	43	+2	22	0.00	0	0											54.0	32.2	0.00	1.0	9
10	63	37	50	+9	15	0.54	0	0											63.2	37.3	0.25	1.0	10
11	63	34	49	+8	16	0.51	0	0											63.0	40.6	0.80	1.2	11
12	53	29	41	+1	24	0.00	0	0											53.0	29.1	0.00	1.6	12
13	47	31	39	-1	26	0.00	0	0											47.2	31.0	0.00	2.6	13
14	43	29	36	-4	29	0.00	0	0											43.0	29.9	0.00	2.3	14
15	38	23	31	-9	34	0.00	0	0											39.0	22.9	0.00	1.8	15
16	52	25	39	0	26	0.00	0	0											51.8	25.4	0.00	1.5	16
17	57	28	43	+4	22	0.00	0	0											56.7	27.9	0.00	1.2	17
18	62	36	49	+10	16	0.00	0	0											62.0	36.1	0.00	1.4	18
19	46	36	41	+2	24	0.00	0	0											55.8	35.6	0.00	1.2	19
20	44	36	40	+1	25	0.01	0	0											44.3	35.6	T	1.2	20
21	44	38	41	+2	24	0.09	0	0											43.6	36.0	0.10	1.2	21
22	44	39	42	+4	23	T	0	0											43.9	41.0	T	1.4	22
23	47	38	43	+5	22	0.00	0	0											46.9	38.0	T	1.6	23
24	59	39	49	+11	16	0.00	0	0											59.2	39.3	0.00	1.4	24
25	51	36	44	+6	21	0.00	0	0											55.7	35.7	0.00	1.2	25
26	50	33	42	+4	23	0.00	0	0											50.3	33.3	0.00	1.2	26
27	51	29	40	+2	25	0.00	0	0											51.1	34.7	0.00	1.2	27
28	36	21	29	-9	36	0.00	0	0											46.9	21.1	0.00	1.0	28
29	48	18	33	-5	32	0.00	0	0											47.9	17.6	0.00	1.0	29
30	50	32	41	+3	24	T	0	0											49.8	31.9	0.00	1.0	30
31	45	35	40	+2	25	1.15	0	0											45.2	37.2	1.12	1.0	31
Sum	1519	999				2.90	T												1546.2	1017.0	2.87	40.0	Sum
Avg.	49.0	32.2																	49.9	32.8	---	1.3	Avg.

T in columns 7, 8, and 9 indicates amount too small to measure.

**TEMPERATURE: (°F)** Average monthly 40.6; Departure from normal +0.8; Highest 63 on; Lowest 18 on; Number of days with - Max. 32° or below 0; Max. 90° or above 0; Min. 32° or below 15; Min. 0° or below 0.

**HEATING DEGREE DAYS (base 65°):** Total this month 751; Departure from normal -29; Seasonal total (since July 1) 1470; Seasonal departure from normal -20.

**PRECIPITATION: (In.)** Total for the month 2.90; Departure from normal -0.39; Greatest in 24 hours 1.15 on; Snow, Sleet and Hail - Total for the month T; Greatest in 24 hours T on; Greatest depth on ground on; Dates of - Hail Sleet - Glaze.

**BAROMETRIC PRESSURE (In.)** Avg. station elev. - feet, m.s.l. -; Highest sea level - on; Lowest sea level - on.

**Symbols used in columns 18-19**  
A - Hail; B3 - 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.

HOURLY PRECIPITATION

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													0.02	0.02	0.04	0.04	0.02	0.03	0.01	T	T				1
2							T	T	T	0.05	0.03		T	T	T	T	T	T				T			2
3													T	T	T	T	T	T	T	T	T				3
4			0.01										T	T	T	T	T	T	T	T	T				4
5			0.03	0.05	0.04	0.05	T	T	0.01	0.01	T	0.01	0.01	T								T	T	0.03	5
6																									6
7																									7
8																									8
9																									9
10													0.05	0.14	0.03	0.02	0.04	T				0.01	0.25	T	10
11			T	0.39	0.01	T	0.01	T		T	0.03	0.02	0.01	0.04											11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																								0.01	20
21			0.02	0.02	0.01	0.01	T	0.02	0.01	T	T	T	T	T	T	T	T	T	T	T	T				21
22			T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																								T	30
31			T	0.06	0.09	0.11	0.15	0.09	0.10	0.13	0.07	0.05	0.01	0.05	0.01	0.02	0.03	0.07	0.08	0.03	T	T	T	T	31

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# U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

## LOCAL CLIMATOLOGICAL DATA

RICHMOND; VA., (Byrd Field)

DECEMBER 1952

Latitude 37° 30' N.

Longitude 77° 20' W.

Eastern Standard time used

Date	Temperature (°F)			Precipitation	Snow, Sleet, Hail or Ice on ground at 7:30 AM (In.)	Snow, Sleet, Hail (In.)	Snow, Sleet, Hail 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					Date		
	Maximum	Minimum	Average					Departure from normal	Degree days (base 65°)	Total (Water equivalent) (In.)	Prevailing direction	Average speed (m. p. h.)	Fastest mile	Total (hours and minutes)								Percent of possible	Sunrise to sunset (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	40	23	32	-9	33	0	0	0	N	5.7	16	NE	9:46	100	1	2							1
2	36	30	33	-1	32	.29	0	0	NNW	4.5	9	NW	0:00	0	10	10							2
3	39	31	35	+1	30	.04	0	0	NNW	9.2	15	NW	0:55	9	9	10							3
4	45	37	41	+1	24	.04	0	0	N	8.3	12	N	0:00	0	10	10							4
5	46	39	43	+3	22	.26	0	0	SW	6.7	11	SW	0:00	0	10	10							5
6	53	31	42	+2	23	0	0	0	SW	7.3	15	NW	9:14	95	0	0							6
7	53	25	39	0	26	0	0	0	S	5.4	12	S	4:12	43	10	7							7
8	56	35	46	+7	19	0	0	0	S	5.0	8	S	0:25	4	10	8							8
9	58	31	45	+6	20	0	0	0	NNE	3.7	7	NE	5:44	60	5	3							9
10	65	36	51	+12	14	.69	0	0	SSE	10.6	26	S	0:00	0	10	9							10
11	62	32	47	+8	18	.81	0	0	W	9.8	25	NW	2:01	21	3	3							11
12	52	27	40	+2	25	0	0	0	W	6.1	17	NW	6:57	72	4	3							12
13	47	28	38	-1	27	0	0	0	WSW	5.4	8	SW	6:50	71	3	4							13
14	42	26	34	-1	31	0	0	0	W	5.1	11	NW	5:22	56	7	3							14
15	37	20	29	-9	36	0	0	0	WNW	6.7	16	W	7:30	78	4	2							15
16	52	25	39	+1	26	0	0	0	WSW	8.3	11	SW	9:35	100	0	0							16
17	57	23	40	+3	25	0	0	0	S	6.0	11	S	9:34	100	0	0							17
18	61	31	46	+9	19	0	0	0	SW	5.0	10	NE	9:27	99	5	2							18
19	45	33	39	+2	26	0	0	0	NNE	6.3	11	NE	2:12	23	10	7							19
20	44	34	39	+2	26	.02	0	0	NE	7.5	17	NE	0:00	0	10	10							20
21	43	38	41	+4	24	.06	0	0	NNW	12.0	16	NW	0:00	0	10	10							21
22	43	39	41	+4	24	T	0	0	N	9.8	17	NW	0:00	0	10	10							22
23	47	35	41	+5	24	0	0	0	SW	4.5	8	NE	0:15	3	10	10							23
24	58	37	48	+12	17	0	0	0	SSW	5.6	9	SW	5:29	56	6	5							24
25	50	31	41	+5	24	0	0	0	SE	5.4	13	SE	3:55	41	9	6							25
26	49	31	40	+4	25	0	0	0	SW	5.5	12	NW	7:59	83	2	3							26
27	50	28	39	+3	26	0	0	0	WSW	7.2	15	NW	7:43	81	2	4							27
28	34	16	25	-11	40	0	0	0	NNW	6.9	17	NW	9:26	98	0	1							28
29	48	14	31	-5	34	0	0	0	SSW	6.3	13	S	9:10	95	1	1							29
30	48	28	38	+2	27	0	0	0	SW	6.0	9	S	0:00	0	10	8							30
31	45	34	40	+4	25	1.20	0	0	N	10.8	28	E	0:00	0	10	10							31
Sum	1550	928				3.37	T			212.6			133:41		196	174							Sum
Avg	50.0	29.9								6.9	28		288:03	45	6.3	5.6							Avg

T in columns 7, 8, and 9 indicates amount too small to measure.  
**TEMPERATURE: (°F)**  
 Average monthly 40.0  
 Departure from normal + 2.2  
 Highest 65 on 10th  
 Lowest 14 on 29th  
 Number of days with -  
   Max. 32° or below 0  
   Max. 90° or above 0  
   Min. 32° or below 20  
   Min. 0° or below 0  
**HEATING DEGREE DAYS (base 65°):**  
 Total this month 792  
 Departure from normal -  
 Seasonal total (since July 1) 1588  
 Seasonal departure from normal -  
**BAROMETRIC PRESSURE (In.)**  
 Avg. station (elev. 164 feet, m. s. l.) 29.913  
 Highest sea level 30.57 on 1st  
 Lowest sea level 29.50 on 11th  
**PRECIPITATION: (In.)**  
 Total for the month 3.37  
 Departure from normal -  
 Greatest in 24 hours 1.48 on 10-11th  
 Snow, Sleet and Hail -  
 Total for the month T  
 Greatest in 24 hours T on 2nd  
 Greatest depth on ground 0 1/8  
 Dates of - Hail 0  
                   Sleet 2nd  
                   Glaze 0  
 1/ Melted as it fell  
 Symbols used in columns 18-19  
 A - Hail                   L - Drizzle  
 ES - Blowing snow       N - Sand  
 DL - Distant lightning   R - Rain  
 D - Dust                 S - Snow  
 F - Fog                 T - Thunderstorm  
 H - Haze                ZL - Freezing drizzle  
 K - Smoke               ZR - Freezing rain

### HOURLY PRECIPITATION

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								T		T		T	.03	.06	.03	.02	.04	.02	.04	.02	.01	.01	.01		2		
3															T	T	T	T	T	T	.01	T	T	T	3		
4	T														.01	.02	.04	.02	.01	T			T	.01	.02	4	
5		.05	.04	.01	.02	T	.01	.02	.01	T		T	.01	.01	.01	.02	.01	T								5	
6																										6	
7																										7	
8																										8	
9																										9	
10															.02	.28	.08	.03	.02	.01			.01	.24	T	10	
11		.01	.62	.01	.01	.02	T	T	T	.02	.05	.01	.03	.03	T											11	
12																										12	
13																										13	
14																										14	
15																										15	
16																										16	
17																										17	
18																										18	
19																										19	
20															T	T	T	T	T	T					.02	20	
21		.01	.02	.01	T	T	.01	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		.01	21	
22																											22
23																											23
24																											24
25																											25
26																											26
27																											27
28																											28
29																											29
30																									T		30
31	T	.04	.10	.13	.18	.10	.11	.10	.08	.06	.02	.03	.01	T	.04	.06	.08	.05	T	.01	T	T	T		T	31	