

The NWS in the NCEI records has 48°F for the minimum on the 28th and XMACIS has 48°F and Wakefield has corrected their value to 48°F from 50 °F.

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

RICHMOND, VIRGINIA
 BYRD FIELD
 JANUARY 1960

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 7:00AM (In.)	Snow, Sleet (In.)	Wind			Sunshine		Sky cover		Thunderstorm or distant lightning	Weather restricting visibility to 1/4 mile or less	COOLING DEGREE DAYS (base 60°)	STAGE James River 8:00AM (feet)	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	36	24	30	-8	35	0	0	NNW	4.1	10	NE	3:07	32	10	5		0	2.9	1
2	41	21	31	-7	34	T	0	W	3.3	8	W	0:00	0	10	8		0	3.7	2
3	60	31	46	+8	19	.46	0	W	12.6	34	S	7:22	76	4	4		0	4.3	3
4	44	24	34	-4	31	0	0	SSW	6.3	9	SW	4:34	47	9	6		0	4.2	4
5	47	30	39	+1	26	.07	0	SW	6.3	11	SW	2:07	22	10	9		0	2.9	5
6	36	32	34	-4	31	.24	2.3	SW	3.8	8	SW	0:00	0	10	10		0	2.3	6
7	37	34	36	-2	29	.23	0	SW	4.3	10	SW	0:00	0	10	10		0	1.3	7
8	54	32	43	+5	22	0	0	SW	9.4	17	W	9:43	100	1	1		0	1.1	8
9	52	31	42	+4	23	0	0	SE	8.5	13	SE	9:44	100	0	0		0	0.8	9
10	66	35	51	+13	14	0	0	SW	10.2	17	SW	9:10	94	2	3		0	1.7	10
11	54	36	45	+6	20	0	0	NE	10.8	24	NE	1:57	19	9	9		0	1.2	11
12	41	30	36	-3	29	T	0	S	8.1	16	S	0:00	0	10	10		0	2.4	12
13	41	41	56	+17	9	.08	0	SSW	10.6	17	SW	4:55	50	6	7		0	2.1	13
14	49	39	44	+5	21	.05	0	SSE	7.3	13	NE	3:15	33	10	10		0	3.0	14
15	65	42	54	+15	11	.15	0	S	11.6	26	NW	1:18	13	9	7		0	3.5	15
16	49	31	40	+1	25	0	0	N	6.5	15	NE	6:52	100	0	1		0	3.4	16
17	43	25	34	-5	31	0	0	NE	4.0	11	NE	4:17	43	10	9		0	3.5	17
18	43	39	41	+2	24	.05	0	SE	7.5	18	SE	0:00	0	10	10		0	3.1	18
19	46	34	40	+1	25	0	0	W	14.0	28	W	9:26	95	3	4		0	3.2	19
20	40	23	32	-7	33	0	0	WSW	8.6	15	NW	9:24	94	2	1		0	2.7	20
21	35	20	28	-11	37	0	0	WNW	9.1	15	NW	10:01	300	0	2		0	2.6	21
22	34	20	27	-11	38	0	0	WNW	10.5	18	NW	8:26	83	6	3		0	2.1	22
23	37	20	29	-9	36	0	0	WNW	8.3	19	NW	6:06	61	5	3		0	1.3	23
24	37	18	28	-10	37	0	0	NW	4.9	9	W	5:46	57	9	6		0	1.2	24
25	43	16	30	-8	35	0	0	S	5.6	10	S	10:07	100	1	1		0	1.7	25
26	59	29	44	+6	21	0	0	SW	7.8	11	SW	10:09	100	1	1		0	1.4	26
27	60	32	46	+7	19	.47	0	S	9.3	15	S	1:50	18	10	8		0	1.6	27
28	48	39	44	+5	21	T	0	NE	5.8	8	NE	0:00	0	10	8		0	2.3	28
29	45	42	44	+5	21	T	0	NE	7.0	11	NE	0:00	0	10	10		0	3.1	29
30	43	38	41	+2	24	.01	0	NNE	13.0	22	NE	0:00	0	10	10		0	3.8	30
31	41	36	39	0	26	.32	0	NNE	17.8	23	N	0:00	0	10	10		0	4.4	31
Sum	1456	944				2.13	2.5		256.9			139:36		207	186		0	78.8	Sum
Avg.	47.0	30.5							8.3	Fastest				6.7	6.0		0	2.5	Avg.
T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure.																			

TEMPERATURE: (°F)
 Average monthly 38.8
 Departure from normal +0.5
 Highest 71 on 13th
 Lowest 16 on 25th
 Number of days with -
 Max. 32° or below 0
 Max. 90° or above 0
 Min. 32° or below 19
 Min. 0° or below 0

HEATING DEGREE DAYS (base 65°):
 Total this month 807
 Departure from normal -21
 Seasonal total (since July 1) 2307
 Seasonal departure from normal -53

BAROMETRIC PRESSURE (In.)
 Avg. station (elev. 164 *feet, m. s. l.) 29.930
 Highest sea level 30.49 on 1st
 Lowest sea level 29.33 on 15th

PRECIPITATION: (In.)
 Total for the month 2.13
 Departure from normal -1.51
 Greatest in 24 hours 0.47 on 27th
 Snow, Sleet -
 Total for the month 2.5
 Greatest in 24 hours 2.3 on 6th
 Greatest depth on ground 2 on 6th
 Dates of - Hail 0
 Sleet 0 Glaze 0

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.

Temperature near normal with no extremely cold or warm periods. Precipitation amounted to only 59% of normal, but water table continued high from previous wet months. Snow did not accumulate on streets and highways.

NO EXCESSIVE PRECIPITATION.

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

Known errors found in this issue will be published as errata in later issues.
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DEPARTMENT OF COMMERCE, WEATHER BUREAU
LOCAL CLIMATOLOGICAL DATA

EMBORAZO PARK, RICHMOND, VIRGINIA
 NATIONAL BATTLEFIELD PARK HEADQUARTERS
 JANUARY 1960

Latitude 37° 32' N. Longitude 77° 27' W. Elevation (ground) 170 ft. EASTERN Standard time used

Date	Temperature (°F) ¹			Precipitation		Snow, Sleet, or Ice on ground at (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.)	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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	51	24	38	-2	27	0																	1
2	38	24	31	-9	34	0																	2
3	61	21	41	+1	24	.55																	3
4	60	26	43	+3	22	0																	4
5	43	26	35	-5	30	0																	5
6	48	31	40	0	25	.33																	6
7	39	32	36	-4	29	.03																	7
8	38	31	35	-5	30	.23																	8
9	55	32	44	+4	21	0																	9
10	54	30	42	+2	23	0																	10
11	65	40	53	+13	12	0																	11
12	51	32	42	+2	23	0																	12
13	42	39	41	+1	24	.14																	13
14	72	39	56	+16	9	0																	14
15	50	38	44	+4	21	.15																	15
16	66	33	50	+10	15	0																	16
17	62	28	45	+5	20	0																	17
18	46	32	39	-1	26	.01																	18
19	44	34	39	-1	26	0																	19
20	46	24	35	-5	30	0																	20
21	42	23	33	-7	32	0																	21
22	37	19	28	-12	37	0																	22
23	36	20	28	-12	37	0																	23
24	39	22	31	-9	34	0																	24
25	39	20	30	-10	35	0																	25
26	46	20	33	-7	32	0																	26
27	61	29	45	+5	20	0																	27
28	60	32	46	+6	19	0.50																	28
29	50	42	46	+6	19	0.03																	29
30	46	39	43	+3	22	0																	30
31	41	36	39	-1	26	0																	31
Sum	1528	918				1.97																	Sum
Avg	49.3	29.6																					Avg

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

TEMPERATURE: (°F)
 Average monthly 39.5
 Departure from normal -0.1
 Highest 72 on 14th
 Lowest 19 on 22nd
 Number of days with -
 Max. 32° or below 0
 Max. 90° or above 0
 Min. 32° or below 22
 Min. 0° or below 0

HEATING DEGREE DAYS (base 65°):
 Total this month 784
 Departure from normal -3
 Seasonal total (since July 1) 2331
 Seasonal departure from normal +126

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

PRECIPITATION: (In.)
 Total for the month 1.97
 Departure from normal -1.66
 Greatest in 24 hours 0.55 on 3rd
 Snow, Sleet -
 Total for the month
 Greatest in 24 hours on
 Greatest depth on ground on
 Dates of - Hail
 Sleet Glaze

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 ZR = 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.

¹ Observation day for 24 hours ending at 8 A.M. Maximum temperatures will usually have occurred on calendar day preceding the date of entry.

Climatological Data for RICHMOND INTL AP, VA - January 1960

[Click column heading to sort ascending](#), [click again to sort descending](#).

Date	Max Temperature	Min Temperature	Avg Temperature	Avg Temperature Departure	HDD	CDD	Precipitation	Snowfall	Snow Depth
1960-01-01	36	24	30.0	-8.0	35	0	0.00	0.0	0
1960-01-02	41	21	31.0	-7.0	34	0	T	0.0	0
1960-01-03	60	31	45.5	7.6	19	0	0.46	0.0	0
1960-01-04	44	24	34.0	-3.8	31	0	0.00	0.0	0
1960-01-05	47	30	38.5	0.8	26	0	0.07	0.2	0
1960-01-06	36	32	34.0	-3.7	31	0	0.24	2.3	2
1960-01-07	37	34	35.5	-2.2	29	0	0.23	T	0
1960-01-08	54	32	43.0	5.4	22	0	0.00	0.0	0
1960-01-09	52	31	41.5	3.9	23	0	0.00	0.0	0
1960-01-10	66	35	50.5	12.9	14	0	0.00	0.0	0
1960-01-11	54	36	45.0	7.4	20	0	0.00	0.0	0
1960-01-12	41	30	35.5	-2.1	29	0	T	0.0	0
1960-01-13	71	41	56.0	18.4	9	0	0.08	0.0	0
1960-01-14	49	39	44.0	6.4	21	0	0.05	0.0	0
1960-01-15	65	42	53.5	15.9	11	0	0.15	0.0	0
1960-01-16	49	31	40.0	2.4	25	0	0.00	0.0	0
1960-01-17	43	25	34.0	-3.6	31	0	0.00	0.0	0
1960-01-18	43	39	41.0	3.3	24	0	0.05	0.0	0
1960-01-19	46	34	40.0	2.3	25	0	0.00	0.0	0
1960-01-20	40	23	31.5	-6.2	33	0	0.00	0.0	0
1960-01-21	35	20	27.5	-10.3	37	0	0.00	0.0	0
1960-01-22	34	20	27.0	-10.8	38	0	0.00	0.0	0
1960-01-23	37	20	28.5	-9.4	36	0	0.00	0.0	0
1960-01-24	37	18	27.5	-10.5	37	0	0.00	0.0	0
1960-01-25	43	16	29.5	-8.5	35	0	0.00	0.0	0
1960-01-26	59	29	44.0	5.9	21	0	0.00	0.0	0
1960-01-27	60	32	46.0	7.8	19	0	0.47	0.0	0
1960-01-28	48	39	43.5	5.2	21	0	T	0.0	0
1960-01-29	45	42	43.5	5.1	21	0	T	0.0	0
1960-01-30	43	38	40.5	2.0	24	0	0.01	0.0	0
1960-01-31	41	36	38.5	-0.1	26	0	0.32	0.0	0
Sum	1456	944	-	-	807	0	2.13	2.5	-
Average	47.0	30.5	38.7	0.8	-	-	-	-	0.1
Normal	47.4	28.3	37.9	-	836	0	3.04	3.9	-