LOCAL CLIMATOLOGICAL DATA

(Formerly Station Meteorological Summary)

RICHMOND, VA. (Byrd Field) FEBRUARY 1952

Latitude 37 ° 30 ′ N. Longitude 77 ° 20 ′ W. Eastern Standard time used

Date	Temperature (°F) Maximum	Minimum	Average	Departure from normal	Degree days (base 65°)	Precipitation Total (Water equivalent) (In.)	Snow, Sleet, Hail (In.)	Snow, Sleet, Hail or Ice on ground at 7:30PM (In.)	Wind Prevailing direction	Average speed (m. p. h.)	Fastest mile Speed (m. p. h.)	Fastest mile Direction	Sunshine Total (hours and minutes)	Percent of possible	Sky cover Sunrise to sunset (tenths)	Midnight to midnight (tenths)	Thunderstorm or distant lightning	Weather restricting visibility to ¼ mile or less					Date
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	64	29	47	+11	18	0.00	0.0	0	S	8.3	13	S	9:28	92	1	1							1
2	61	39	50	+14	15	0.00	0.0	0	SSW	7.8	15	SE	0:37	6	10	7							2
3	55	46	51	+14	14	0.87	0.0	0	ENE	12.8	26	E	0:00	0	10	10							3
4	63	51	57	+20	8	0.03	0.0	0	SSW	9.2	22	S	0:59	9	10	8	T	F,R					4
5	52	40	46	+ 9	19	T	0.0	0	NNW	7.0	12	N	0:36	6	8	6							5
6	50	27	39	+ 2	26	0.00	0.0	0	S	6.9	17	SE	8:03	76	3	2							6
7	46	29	43	+ 6	22	0.00	0.0	0	WNW	7.4	15	NW	6:06	56	5	2							7
8	59	25	42	+ 5	23	0.00	0.0	0	SSW	10.3	26	S	9:19	82	7	4							8
9	53	37	45	+ 8	20	0.00	0.0	0	WNW	9.2	23	S	10:37	100	1	2							9
10	58	33	46	+ 8	19	0.00	0.0	0	SW	9.0	15	SE	8:26	79	4	3							10
11	61	38	50	+12	15	T	0.0	0	W	13.1	31	N	8:59	84	2	4							11
12	55	25	40	+ 2	25	0.00	0.0	0	W	7.6	15	W	10:27	96	2	3							12
13	53	38	46	+ 8	19	T	T	0	NNE	6.1	17	NE	6:14	56	9	9							13
14	40	27	34	- 4	31	0.11	T	0	NNE	5.9	10	NE	0:00	0	10	7							14
15	42	24	33	- 5	32	T	T	0	NNE	5.7	14	N	0:31	5	10	7							15
16	47	32	40	+ 2	25	0.34	0.0	0	NNE	8.0	14	N	0:00	0	10	10							16
17	48	36	42	+ 3	23	0.50	0.0	0	NW	8.6	17	N	0:00	0	10	9		F,R					17
18	56	32	44	+ 5	21	0.00	0.0	0	W	8.0	19	W	10:57	100	0	0							18
19	58	25	42	+ 3	23	0.00	0.0	0	E	4.7	10	NE	10:59	100	1	0							19
20	55	31	43	+ 4	22	0.03	0.0	0	NE	8.6	15	NE	8:04	73	7	6							20
21	57	33	45	+ 5	20	0.01	0.0	0	WNW	7.7	20	W	10:56	99	1	3							21
22	47	24	36	- 4	29	0.00	0.0	0	W	5.7	10	SW	10:24	94	5	5							22
23	44	29	37	- 3	28	0.00	0.0	0	NNE	6.5	13	NE	4:03	36	9	9							23
24	36	32	34	- 6	31	0.49	5.4	2	NNE	7.5	11	NE	0:00	0	10	10							24
25	49	32	41	0	24	T	0.0	0	N	5.7	8	N	6:25	75	2	5							25
26	39	28	34	- 7	31	0.32	4.6	T	NNE	8.4	14	E	0:21	3	10	8							26
27	49	29	39	- 2	26	0.06	1.0	T	N	8.8	25	N	9:22	63	2	4							27
28	57	27	42	+ 1	23	0.00	0.0	T	S	6.8	16	S	5:13	46	10	6							28
29	53	40	47	+ 6	18	T	0.0	0	ENE	10.2	17	NE	0:32	57	7	6							29
30																							30
31																							31
Sum	1507	938				2.76	11.0			231.5			163:38		176	156							Sum
Avg.	52.0	32.3								6.0	Fastest	Dir.	Possible	%	6.1	5.4							Avg.
										Misc.	31	N	314:27	52									Misc.

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

TEMPERATURE: (°F)

Average monthly 42.2
Departure from normal +3.7
Highest 64 on 1st
Lowest 24 on 15th
Number of days with —
Max. 32° or below 0
Max. 90° or above 0
Min. 32° or below 18
Min. 0° or below 0

HEATING DEGREE DAYS (base 65°):

Total this month 650
Departure from normal -
Seasonal total (since July 1) 2643
Seasonal departure from normal -

BAROMETRIC PRESSURE (In.)

Avg. station (elev. 164 feet, m.s.l.) 29.793
Highest sea level 30.49 on 1st
Lowest sea level 29.40 on 4th

PRECIPITATION: (In.)

Total for the month 2.76
Departure from normal -
Greatest in 24 hours 0.89 on 3-4
Snow, Sleet and Hail —
Total for the month 10.4
Greatest in 24 hours 5.6 on 26-27
Greatest depth on ground 5.0 on 27
Dates of — Hail 0
Sleet 14, 15 Glaze 0

Symbols used in columns 18-19

A = Hail
BS = Blowing snow
DL = Distant lightning
D = Dust
I = 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 1	2	3	4	5	6	7	8	9	10	11	12	P. M. Hour ending at 1	2	3	4	5	6	7	8	9	10	11	12	Date
1																									1
2																									2
3			T	T		T	T	T		T				T	.02	.05	.09	.09	.05		T	.16	.23	.18	3
4	T	T	T	T	.01									.01				.01							4
5														T				T	T	T	T				5
6																									6
7																									7
8																									8
9																									9
10																									10
11							T																		11
12																									12
13																						T	T		13
14	T					.05	.06	T	T																14
15																						T	T	T	15
16	T	.01	T	T	T	.01							T	T	.01	.05	.06	.07	.06	.04	.03	T	T	T	16
17				.02	.09	T	.09	.13	.08	.04	.05														17
18																									18
19																									19
20																			T		T	T	.01	.02	20
21	.01																								21
22																									22
23																									23
24	T	.03	.05	.04	.03	.03	.04	.03	.03	.04	.02	.02	.02	.05	.04	.02	T	T	T	T	T	T	T	T	24
25	T																								25
26																			.02	.05	.07	.05	.07	.06	26
27	.03	.02	.01	T	T	T																			27
28																									28
29																								T	29
30																									30
31																									31