

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
STATION METEOROLOGICAL SUMMARY
 MONTHLY RECORD

STATION Weather Bureau Airport Station MONTH January YEAR 1950
Byrd Field Richmond, Va. Eastern STANDARD TIME

DAY	TEMPERATURE °F.			PRECIPITATION (IN.)			WIND			SUNSHINE		SKY COVER		THUNDERSTORM OR DISTANT LIGHTNING	VISIBILITY 1/4 MI. OR LESS CAUSED BY	20	21	22
	1. MAXIMUM	2. MINIMUM	3. AVERAGE	4. DEPARTURE FROM NOR. MAL.	5. DEGREE DAYS (BASE 65°)	6. TOTAL (WATER EQUIV. ALLENT)	7. SNOWFALL	8. SLEET	9. SLEET OR HAIL ON GROUND AT 1950	10. PREVAILING DIRECTION	11. AVERAGE SPEED (M.P.H.)	12. FASTEST MILE SPEED (M.P.H.)	13. DIRECTION					
1	55	31	43	+7	22	0.00	0.0	0	S	3.3					9	9		
2	67	44	56	+15	14	T	0.0	0	SSW	5.8					9	10		
3	63	55	59	+23	6	0.06	0.0	0	SSW	9.0					10	10		
4	75	57	66	+30	0	0.00	0.0	0	SSW	12.3					10	9		
5	76	58	67	+32	0	0.00	0.0	0	SSW	10.2					8	6		
6	73	59	66	+31	0	0.00	0.0	0	SSW	13.1					9	8		
7	66	29	48	+13	17	T	0.0	0	WNW	12.1					2	4		
8	43	26	35	0	30	0.00	0.0	0	NNW	5.9					0	0		
9	60	28	44	+9	21	0.00	0.0	0	SSW	10.7					6	4		
10	73	47	60	+25	5	T	0.0	0	SSW	13.4					7	7		
11	62	38	50	+15	15	T	0.0	0	WNW	6.7					9	9		
12	38	32	35	0	30	0.76	0.0	0	NNW	7.7					10	10		
13	55	34	45	+10	20	T	0.0	0	SSW	7.8					10	10		
14	71	43	57	+21	8	0.00	0.0	0	WSW	12.0					8	9		
15	51	31	41	+5	24	0.00	0.0	0	NE	4.3					10	8		
16	58	39	49	+13	16	0.04	0.0	0	NNW	7.5					10	9		
17	43	32	38	+2	27	0.14	T#	0	NE	5.0					10	10		
18	64	35	50	+14	15	T	0.0	0	S	10.8					9	9		
19	54	29	42	+6	23	0.32	0.0	0	NE	11.1					10	10		
20	35	22	29	-7	36	0.00	0.0	0	NNE	7.5					3	3		
21	49	20	35	-1	30	0.00	0.0	0	SSW	4.9					7	7		
22	62	36	49	+13	16	0.00	0.0	0	S	6.6					9	9		
23	66	43	55	+19	10	0.00	0.0	0	SSW	6.6					10	9		
24	76	55	66	+30	0	0.00	0.0	0	SSW	9.6					6	6		
25	79	52	66	+30	0	0.00	0.0	0	SSW	8.9					4	3		
26	80	58	69	+33	0	0.00	0.0	0	SSW	11.3					2	2		
27	66	32	49	+13	16	0.18	0.0	0	NNE	11.5					10	9		
28	42	28	35	-1	30	T	0.0	0	NNW	6.5					9	7		
29	60	36	48	+12	17	T	0.0	0	SSW	9.8					9	9		
30	59	39	49	+13	16	0.46	0.0	0	SSW	10.5					10	10		
31	54	37	46	+10	19	0.21	0.0	0	NNE	5.8					10	10		
SUM	1875	1205				2.17	T#			262.2					245	235		
AVG.	60.5	38.9							PREVAILING	8.7	FASTEST	DIRECTION	POSSIBLE	%	7.9	7.6		
MISC.																		

TEMPERATURE DATA

AVERAGE MONTHLY 49.7
 DEPARTURE FROM NORMAL +14.0
 HIGHEST 80 ON 26th
 LOWEST 20 ON 21st
 NUMBER OF DAYS WITH—
 MAX. 32° OR BELOW 0
 MAX. 90° OR ABOVE 0
 MIN. 32° OR BELOW 12
 MIN. 0° OR BELOW 0
 DEGREE DAYS (BASE 65°)—
 TOTAL THIS MONTH 483
 DEPARTURE FROM NORMAL
 SEASONAL TOTAL 1848
 DEPARTURE FROM NORMAL

PRECIPITATION DATA

TOTAL FOR THE MONTH 2.17 IN.
 DEPARTURE FROM NORMAL _____ IN.
 GREATEST IN 24 HOURS 0.76 ON 12th
 SNOWFALL, SLEET, AND HAIL
 TOTAL FOR THE MONTH T# IN.
 GREATEST IN 24 HOURS T# ON 17th
 GREATEST DEPTH ON GROUND 0 ON -
 # Sleet
 BAROMETRIC PRESSURE
 MONTHLY MEAN STATION 30.079 IN.
 HIGHEST SEA-LEVEL 30.67 IN. ON 20th
 LOWEST SEA-LEVEL 29.81 IN. ON 7th

WEATHER

NUMBER OF DAYS—
 CLEAR (Scale 0-3) 4
 PARTLY CLOUDY (Scale 4-7) 5
 CLOUDY (Scale 8-10) 22
 WITH 0.01 INCH OR MORE PRECIP. 8
 WITH 0.10 INCH OR MORE PRECIP. 6
 WITH 0.50 INCH OR MORE PRECIP. 1
 WITH 1.00 INCH OR MORE PRECIP. 0
 DATES OF—
 HAIL - - -
 SLEET 17th
 GLAZE 19th

SYMBOLS USED IN COLUMNS 18-19

- A = Hail
- BS = 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

Correction to form 1001C for December 1949:

Precipitation data for the 11th recorded as 0.54 should be 0.28 the total for the month recorded as 2.20 should be 1.94. Greatest amount in any 24 hours recorded as 1.01 should be 0.67.

U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
STATION METEOROLOGICAL SUMMARY
 MONTHLY RECORD

STATION RICHMOND, VIRGINIA, WBO, CHIMBORAZO PARK MONTH JANUARY YEAR 1950
 EASTERN STANDARD TIME

DAY	TEMPERATURE °F.						PRECIPITATION (IN.)			WIND				SUNSHINE		SKY COVER			River Stage at 8 AM	21	22
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (BASE 65°)	TOTAL (WA-TER EQUIV. ALLEY)	SNOWFALL, SLEET, HAIL	SNOW, SLEET, HAIL ON GROUND AT 7:00	PREVAILING DIRECTION	AVERAGE SPEED (M. P. H.)	FASTEST MILE SPEED (M. P. H.)	DIRECTION	TOTAL (Hours and minutes)	PERCENT OF POSSIBLE	SUNRISE TO SUNSET (Tenths)	MIDNIGHT TO MIDNIGHT (Tenths)	THUNDERSTORM OR DISTANT LIGHTNING	VISIBILITY & MI. OR LESS CAUSED BY			
1	55	32	44	+6	21	0.00	0.0	0	W	5.3	9	W	4:25	46	8				1.4		
2	67	44	56	+18	9	.00	0.0	0	W	7.2	13	W	5:29	57	8				1.4		
3	63	55	59	+21	6	.07	0.0	0	W	11.3	18	W	0:00	0	10				1.3		
4	75	57	66	+28	0	.00	0.0	0	W	14.5	32	SW	4:59	48	9				1.2		
5	76	59	68	+30	0	.00	0.0	0	W	11.1	26	W	7:04	73	9				1.2		
6	73	59	66	+28	0	T	0.0	0	W	14.3	30	W	2:59	31	10				1.2		
7	68	36	52	+14	13	T	0.0	0	NW	13.7	26	NW	9:41	100	1				1.2		
8	43	29	36	-2	29	.00	0.0	0	N	6.2	10	NW	9:42	100	0				1.2		
9	60	28	44	+6	21	.00	0.0	0	SW	12.7	33	W	7:41	79	5				1.2		
10	73	47	60	+22	5	.01	0.0	0	SW	15.3	36	W	9:55	98	8				1.1		
11	61	40	51	+13	14	T	0.0	0	NW	8.1	14	NW	7:03	72	7				1.1		
12	40	34	37	-1	28	.76	0.0	0	N	8.4	13	NE	0:00	0	10				1.0		
13	55	36	46	+8	19	T	0.0	0	S	9.0	19	SW	0:00	0	10				1.0		
14	69	48	59	+21	6	T	0.0	0	W	12.1	24	SW	7:21	75	8				1.0		
15	51	39	45	+7	20	.00	0.0	0	SE	5.2	8	SE	4:32	46	9				1.0		
16	58	40	49	+11	16	.07	0.0	0	N	8.3	19	N	0:43	7	10				1.0		
17	42	35	39	+1	26	.08	T	0	E	5.4	9	NE	0:00	0	10				1.0		
18	64	35	50	+12	15	.01	0.0	0	SW	10.7	21	SW	4:56	50	8				1.0		
19	55	31	43	+5	22	.40	0.0	T	NE	9.8	17	NE	0:00	0	10				1.0		
20	37	24	31	-7	34	.00	0.0	0	NE	7.8	17	NE	9:59	100	2				1.0		
21	49	24	37	-1	28	.00	0.0	0	SW	5.4	12	SW	10:01	100	6				1.1		
22	62	36	49	+11	16	.00	0.0	0	SW	7.4	16	W	3:00	30	9				1.1		
23	66	47	57	+19	8	T	0.0	0	SW	6.2	14	SW	2:58	29	9				1.1		
24	75	55	65	+27	0	.00	0.0	0	W	10.6	28	SW	6:51	68	4				1.1		
25	78	58	68	+30	0	.00	0.0	0	W	10.7	23	W	9:50	97	2				1.1		
26	79	59	69	+31	0	.00	0.0	0	W	13.3	31	W	8:31	84	2				1.1		
27	66	34	50	+12	15	.25	0.0	0	NE	9.6	24	NE	0:00	0	10				1.1		
28	42	30	36	-2	29	T	0.0	0	N	6.7	10	NW	0:47	8	9				1.1		
29	60	36	48	+10	17	T	0.0	0	SW	11.0	23	SW	4:45	46	9				1.1		
30	58	40	49	+11	16	.59	0.0	0	NE	9.7	19	NE	0:00	0	10				1.1		
31	54	37	46	+8	19	.27	0.0	0	NE	6.6	12	SW	0:00	0	10				1.3		
SUM	1874	1264				2.51	T			293.6			142:32		232				34.8		
AVG.	60.5	40.8							PREVAILING	9.5	FASTEST	DIRECTION	POSSIBLE	%	7.5				1.1		
								MISC.		36	W	307:00	46						---		

TEMPERATURE DATA
 AVERAGE MONTHLY 50.7
 DEPARTURE FROM NORMAL +12.8
 HIGHEST 79 ON 26
 LOWEST 24 ON 21
 NUMBER OF DAYS WITH—
 MAX. 32° OR BELOW 0
 MAX. 90° OR ABOVE 0
 MIN. 32° OR BELOW 7
 MIN. 0° OR BELOW 0
 DEGREE DAYS (BASE 65°)—
 TOTAL THIS MONTH 452
 DEPARTURE FROM NORMAL -362
 SEASONAL TOTAL 1686
 DEPARTURE FROM NORMAL -618

PRECIPITATION DATA
 TOTAL FOR THE MONTH 2.51 IN.
 DEPARTURE FROM NORMAL -0.70 IN.
 GREATEST IN 24 HOURS 0.76 ON 12
 SNOWFALL, SLEET, AND HAIL
 TOTAL FOR THE MONTH T IN.
 GREATEST IN 24 HOURS T ON 17
 GREATEST DEPTH ON GROUND T ON 17
BAROMETRIC PRESSURE
 MONTHLY MEAN STATION - IN.
 HIGHEST SEA-LEVEL - IN. ON -
 LOWEST SEA-LEVEL - IN. ON -

WEATHER
 NUMBER OF DAYS—
 CLEAR (Scale 0-3) 5
 PARTLY CLOUDY (Scale 4-7) 4
 CLOUDY (Scale 8-10) 22
 WITH 0.01 INCH OR MORE PRECIP. 10
 WITH 0.10 INCH OR MORE PRECIP. 5
 WITH 0.50 INCH OR MORE PRECIP. 2
 WITH 1.00 INCH OR MORE PRECIP. 0
 DATES OF—
 HAIL 0
 SLEET 17
 GLAZE 19

SYMBOLS USED IN COLUMNS 18-19
 A = Hail
 BS = 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

This was the warmest January of record and was 0.9° warmer than the previous record made in 1932. New maximum records for the dates were set on the 4, 5, 6, 24, 25 and 26. There was more than the average amount of cloudiness and less than the usual amount of sunshine. Precipitation averaged only 78 percent of normal, making the total for December and January 67 percent of normal for the two months. It was the windiest January since 1922.

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