



LOCAL CLIMATOLOGICAL DATA

RICHMOND, VIRGINIA
BYRD FIELD
JULY 1965

U. S. DEPARTMENT OF COMMERCE

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, WEATHER BUREAU

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

Date	Temperature (°F)						Weather types shown by code 1-9 on dates of occurrence 1 2 3 4 5 6 7 8 9	Snow, Sleet, or Ice on ground at 07AM (In.)	Precipitation		Avg. station pressure (In.)	Wind			Sunshine		Sky cover (Tenths)		Date		
	Maximum	Minimum	Average	Departure from normal	Average dew point	Degree days (Base 65°)			Total (Water equivalent) (In.)	Snow, sleet (In.)		Resultant direction	Resultant speed (m.p.h.)	Average speed (m.p.h.)	Fastest mile	Total (Hours and tenths)	Percent of possible	Sunrise to sunset		Midnight to midnight	
1	79	60	70	8	58	0	1	8	0	0	29.96	02	7.3	8.8	14	NE	14.4	98	2	1	1
2	81	51*	66	12	53	0	0	8	0	0	29.96	14	2.2	5.0	11	S	14.0	95	2	2	2
3	84	63	74	4	63	0	0	8	0	0	29.76	21	9.0	9.6	17	SW	3.1	21	10	8	3
4	87	65	76	2	67	0	1	3	0	1.10	29.80	13	3.3	6.3	12	SE	8.8	60	8	7	4
5	89	68	79	1	69	0	1	3	0	.49	29.78	25	5.6	6.8	30	NW	6.5	44	8	8	5
6	84	66	75	3	67	0	1	8	0	0	29.89	05	2.7	6.5	11	N	12.5	78	4	3	6
7	82	68	75	3	68	0	23	8	0	.51	29.89	15	6.2	7.3	22	SW	7.0	47	9	9	7
8	86	68	77	1	68	0	0	8	0	0	29.79	22	3.3	5.0	8	SW	9.7	67	8	6	8
9	90	68	79	1	72	0	2	8	0	0	29.78	19	8.2	8.6	18	S	10.2	70	5	5	9
10	89	70	80	2	71	0	1	3	0	.30	29.77	21	8.7	9.2	25	SW	8.4	58	9	9	10
11	78	70	74	5	69	0	1	3	8	.14	29.84	23	3.9	6.8	11	SW	1.8	12	10	10	11
12	70	66	68	11	66	0	23	8	0	.75	29.96	35	6.6	8.2	12	N	0.0	0	10	10	12
13	82	66	74	5	67	0	1	8	0	0	29.99	24	3.6	4.6	8	SW	8.5	58	7	7	13
14	89	66	78	1	70	0	1	8	0	T	29.84	23	6.5	7.1	17	NW	11.9	82	3	3	14
15	87	70	79	0	71	0	1	3	8	.37	29.72	28	2.1	6.8	10	NE	5.3	36	9	8	15
16	85	67	76	3	70	0	0	8	0	0	29.77	08	2.3	5.2	6	E	8.2	57	6	6	16
17	88	70	79	0	71	0	2	8	0	0	29.80	16	4.5	5.9	12	S	12.5	86	6	5	17
18	88	69	79	0	69	0	0	8	0	0	29.71	22	6.3	7.2	12	W	10.7	74	5	5	18
19	80	66	73	5	65	0	0	8	0	0	29.82	06	4.6	5.9	12	NE	8.3	57	8	7	19
20	78	64	71	7	58	0	0	8	0	0	29.98	04	7.7	8.5	13	NE	12.0	83	7	6	20
21	80	62	71	7	56	0	0	8	0	0	30.04	06	9.6	7.1	11	E	12.5	87	4	4	21
22	82	56	69	9	57	0	0	8	0	0	29.95	17	3.1	3.9	10	S	11.0	77	4	3	22
23	87	64	76	2	65	0	0	8	0	0	29.76	18	6.5	6.6	11	S	12.0	84	3	3	23
24	92	71	82	4	73	0	0	8	0	0	29.69	21	9.8	10.1	16	SW	12.8	90	4	4	24
25	93*	73	83	5	74	0	3	8	0	2.65	29.49	21	9.0	9.9	29	NE	10.2	71	5	7	25
26	84	71	78	0	68	0	0	8	0	0	29.80	02	1.7	5.2	11	N	10.2	71	5	5	26
27	84	71	78	0	71	0	1	3	8	.02	29.77	21	4.9	6.6	14	SW	2.7	19	10	9	27
28	83	69	76	2	69	0	1	8	0	0	29.74	20	5.0	6.0	11	S	4.9	34	9	9	28
29	76	67	72	6	65	0	1	8	0	T	29.80	04	3.8	6.8	11	NE	1.7	12	10	9	29
30	79	63	71	7	65	0	2	8	0	0	29.84	05	5.8	6.5	12	E	6.2	44	8	7	30
31	80	62	71	7	63	0	2	8	0	0	29.85	11	4.3	7.3	12	SE	8.8	62	5	5	31

Sum	2596	2050				Total	0	Dep.	0	Temperature:	Total	6.33	Total	0	For the month:	1.8	6.9	30	NW	Total	266.8	%	Sum	203	Sum	190
Avg.	83.7	66.1	74.9	3.2	66	Season to date	0	Dep.	0	Max. < 32°	0	Max. > 90°	0	Min. < 32°	0	Min. > 0°	0	Date:	05	Possible	448.3	month	Avg.	6.5	Avg.	6.1

* Extreme for the month.
 T In columns 9, 10, and 11 and in the Hourly Precipitation table indicates an amount too small to measure.
 X Heavy fog - visibility 1/4 mile or less.

HOURLY PRECIPITATION (In.)

Hour	A. M. Hour ending at												P. M. Hour ending at												
	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																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12	.08	.21	T	.01	T	T	T	T	.17	.03	.03	T	T	.01	T	.09	.02	T	T						
13																									
14																									
15																									
16																									
17																									
18																									
19																									
20																									
21																									
22																									
23																									
24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									

Data in columns 6, 12, 13, 14, and 15 are obtained from 8 observations per day at 3-hourly intervals. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations; directions are given in tens of degrees from true North. When figures appear in column 17, they indicate directions in tens of degrees from true North (i.e., 09 = East, 27 = West) and the associated speed in column 16 is the fastest observed one-minute wind speed. If / follows direction (Col. 17), speeds are gusts. Corrections, if any, to data in this issue will be published in the annual issue.

AVERAGES BY HOURS

Hour (Local time)	Sky cover (in tenths)	Station press. (In.)	Dry bulb (°F)	Wet bulb (°F)	Rel. hum. %	Dew point (°F)	Wind speed (m.p.h.)	Direction	Resultant wind speed (m.p.h.)
01	5	29.83	69	67	90	66	5.8	21	2.3
04	5	29.82	67	66	92	65	5.8	20	1.8
07	7	29.85	69	67	89	66	6.9	26	1.2
10	6	29.86	77	70	72	67	8.1	23	1.9
13	7	29.83	81	71	62	66	8.1	24	.2
16	6	29.80	82	72	61	67	8.1	17	2.7
19	7	29.81	77	71	73	67	6.9	15	4.0
22	6	29.83	71	68	87	67	5.8	18	2.6

Subscription Price: Local Climatological Data \$1.00 per year including annual Summary if published. Single copy: 10 cents for monthly Summary; 15 cents for annual Summary. Checks or money orders should be made payable and remittances and correspondence should be sent to the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402

I certify that this is an official publication of the United States Weather Bureau, and is compiled from records on file at the National Weather Records Center, Asheville, North Carolina.

William H. Haggard
 Acting Director of National Weather Records Center

