



LOCAL CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, WEATHER BUREAU

RICHMOND, VIRGINIA
BYRD FIELD
NOVEMBER 1965

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 Fog, heavy fog, sleet, drizzle, smoke, haze, blowing snow	Snow, sleet, or ice on ground at 07 AM (In.)	Precipitation		Avg. station pressure (In.) Elev. feet m.s.l.	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	
															Speed (m.p.h.)	Direction						
1	61	35	48	6	26	17		0	0	0	30.05	35	6.1	7.9	17	N	9.9	93	2	1	1	2
2	60	31	46	6	27	19		0	0	0	30.29	12	1.1	5.8	10	N	10.6	100	1	1	1	2
3	73	38	56	3	34	9		0	0	0	30.24	21	8.8	9.3	13	S	10.6	100	0	0	0	3
4	76	43	60	7	37	5		0	0	0	30.15	25	2.8	7.0	12	NW	9.1	86	6	4	4	4
5	60	38	49	4	32	16		0	0	0	30.35	05	6.4	7.0	12	NE	10.5	100	0	0	0	5
6	69	36	53	1	41	12		0	0	0	30.24	19	1.7	4.6	8	SW	7.4	71	6	6	5	6
7	74	40	57	5	44	8	1	8	0	0	30.08	21	4.7	5.5	10	SW	9.2	88	7	5	7	8
8	76*	42	59	7	45	6		8	0	0	29.91	20	4.6	6.3	13	SW	6.8	65	10	8	8	8
9	63	44	54	3	40	11		0	0	0	29.91	03	5.0	8.1	14	NE	8.2	79	3	4	9	9
10	52	40	46	3	36	19	1	1	0.04	0	30.11	06	4.8	5.9	9	E	1.0	10	10	10	10	10
11	51	45	48	3	45	17	1	8	0.02	0	30.10	03	6.4	6.5	8	N	0.0	0	10	10	10	11
12	57	47	52	2	45	13	1	8	0	0	30.08	07	4.9	6.6	11	E	1.0	9	9	9	10	12
13	66	47	57	7	50	8	1	8	0.05	0	29.90	23	1.6	3.5	7	W	6.0	59	7	6	13	13
14	65	36	51	2	34	14	1	0	0	0	30.03	33	5.9	7.9	13	NW	8.8	86	5	3	14	14
15	55	29	42	7	27	23		0	0	0	30.09	14	1.6	4.6	11	S	7.9	78	5	5	15	15
16	69	48	59	10	46	6		0	0	0	29.65	21	12.7	13.2	29	SW	2.8	28	9	7	16	16
17	62	37	50	2	27	15		0	0	0	29.45	29	13.4	16.4	24	NW	8.5	84	2	3	17	17
18	51	26	39	9	15	26		0	0	0	29.78	27	8.5	10.2	15	NW	8.2	82	4	4	18	18
19	54	34	44	3	24	21		0	0	0	29.88	35	2.3	5.2	7	SW	6.5	65	5	5	19	19
20	57	27	42	5	28	23	1	8	0	0	29.89	20	3.5	6.0	11	SW	10.0	100	2	2	20	20
21	59	36	48	1	36	17	1	0	.10	0	29.65	19	4.2	5.5	9	SW	3.9	39	10	9	21	21
22	52	36	44	3	44	21	1	8	.15	0	29.51	35	4.8	6.9	12	N	0.9	9	10	8	22	22
23	62	33	48	2	33	17	1	8	0	0	29.71	27	6.2	8.8	18	NW	9.8	99	1	0	23	23
24	53	28	41	5	26	24		0	0	0	29.95	35	5.7	6.3	14	NW	9.8	99	5	3	24	24
25	53	31	42	3	31	23	1	8	0	0	30.00	19	5.3	6.8	11	S	4.7	48	7	8	25	25
26	63	37	50	5	42	15		0	T	0	29.89	20	6.3	6.9	16	S	4.2	42	8	8	26	26
27	68	44	56	12	38	9		0	T	0	29.58	22	12.3	14.4	29	W	6.3	64	4	4	27	27
28	57	34	46	2	21	19		0	0	0	29.64	23	8.4	8.9	20	SW	2.8	28	8	5	28	28
29	47	23	35	9	16	30		0	0	0	29.76	30	5.6	7.9	15	NW	9.8	100	4	2	29	29
30	42	17*	30	13	15	35		8	0	0	30.01	36	4.4	5.3	13	N	9.8	100	0	0	30	30

Sum	Sum	Sum	Sum	Sum	Total	Dep.	Temperature	Total	Total	For the month:				Total	%	Sum	Sum		
1807	1082	—	—	—	498	3	Number of days	36	0	29.93	26	1.9	7.5	29	W	205.0	for 160 140		
Avg.	Avg.	Avg.	Dep.	Avg.	Season to date			Dep.						Date: 27	Possible	month	Avg. Avg.		
60.2	36.1	48.2	0.3	33	Total	Dep.		-2.68							305.3	67	5.3	4.7	
							804	59	0	0	8	0	Greatest in 24 hours and dates				Greatest depth on ground of snow, sleet or ice and date		
							Precipitation		Snow, Sleet						0				

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

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

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.

Hour (local time)	Sky cover (in tenths)	Station press. (In.)		Dry bulb (°F)	Wet bulb (°F)	Rel. hum. %	Dew point (°F)	Resultant wind	
		(°F)	(In.)					Wind speed (m.p.h.)	Direction
01	4	29.92	44	40	71	34	6.7	25	1.5
04	4	29.92	42	38	75	33	5.9	25	1.3
07	4	29.94	40	37	77	32	6.7	25	1.6
10	5	29.97	51	44	54	34	8.9	29	2.4
13	6	29.92	58	47	42	33	9.7	26	3.4
16	5	29.90	59	47	41	33	9.1	26	3.5
19	4	29.92	49	42	59	34	6.7	23	1.5
22	4	29.94	45	40	67	34	6.4	24	1.8

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