



LOCAL CLIMATOLOGICAL DATA

U. S. DEPARTMENT OF COMMERCE -- JOHN T. CONNOR, Secretary

RICHMOND, VIRGINIA
BYRD FIELD
FEBRUARY 1966

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION -- ENVIRONMENTAL DATA SERVICE

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, Fog, Thunderstorm, Sleet, Hail, Duststorm, Smoke, Haze, Blowing Snow	Snow, Sleet, or Ice on ground at 07AM (In.)	Precipitation (Total (Water equivalent) (In.))	Snow, sleet (In.)	Avg. station pressure (In.) Elev. 164 feet m.s.l.	Wind			Sunshine		Sky cover (Tenths)		Date		
	Maximum	Minimum	Average	Departure from normal	Average dew point	Degree days (Base 65°)						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																					
2	33	22	28	11	11	37	1 4	11	.15	1.8	29.79	25	4.1	7.0	11	W	3.9	38	10	10	1
3	32	25	29	10	24	36	2	8	T	.1	29.65	02	7.6	7.8	15	N	0.0	0	10	10	2
4	38	6	22	17	15	43	2	8	0	0	29.92	35	1.7	4.6	18	N	10.4	100	1	3	3
5	36	22	29	10	15	36	8	10	T	T	29.90	34	5.9	7.5	15	N	6.4	61	7	8	4
6	33	13	23	16	9	42	8	6	0	0	30.03	33	10.1	10.5	22	N	10.4	100	1	0	5
7	33	3*	18	21	10	47	8	5	0	0	30.19	22	2.5	4.7	8	SW	8.6	82	4	5	6
8	43	28	36	4	20	29	8	5	0	0	30.13	11	.6	4.7	8	NE	5.3	50	10	10	7
9	42	30	36	4	29	29	1	8	4	0	30.34	05	4.4	4.9	8	SE	4.9	46	10	8	8
10	40	23	32	8	26	33	1	8	0	0	30.43	15	3.5	4.5	8	SE	0.6	6	10	9	9
11	58	33	46	6	39	19	1	8	1	T	30.18	19	7.1	8.9	16	S	5.6	53	10	10	10
12	68*	56	62	22	53	3			T	T	29.94	21	9.7	9.9	22	S	0.3	3	10	10	11
13	57	47	52	12	48	13	2	0	.71	0	29.91	06	4.6	7.6	14	E	0.0	0	10	10	12
14	67	47	57	17	50	8	1	0	.60	0	29.35	20	11.8	15.7	40	SW	1.5	14	9	8	13
15	59	43	51	11	33	14		0	0	0	29.86	25	5.9	8.1	16	W	9.3	86	6	5	14
16	53	41	47	7	35	18	1	8	.06	0	30.13	10	2.1	6.2	13	NE	0.0	0	10	8	15
17	47	39	43	3	39	22	1	0	.52	0	29.81	14	3.3	5.9	9	SW	0.0	0	10	10	16
18	49	31	40	0	26	25	1	0	0	0	29.76	31	9.6	11.8	22	SW	9.6	88	4	5	17
19	47	28	38	2	22	27		0	0	0	30.00	15	3.7	4.6	7	NE	2.4	22	9	7	18
20	56	36	46	6	28	19		0	0	0	29.89	02	5.4	6.9	17	NE	9.6	88	2	4	19
21	37	20	29	11	10	36		0	0	0	30.24	03	9.0	9.3	17	NE	8.9	80	3	4	20
22	41	17	29	11	10	36		0	0	0	30.24	33	3.5	5.0	11	NW	10.8	98	4	3	21
23	43	20	32	9	15	33		0	0	0	30.30	36	5.8	7.3	15	N	11.1	100	0	0	22
24	40	25	33	8	22	32		0	0	0	30.42	06	5.9	7.3	11	E	7.7	69	9	7	23
25	34	31	33	8	30	32	1 4 6	1	.74	1.1	30.08	04	7.1	8.1	12	NE	0.0	0	10	10	24
26	50	33	42	1	30	23	1	8	.01	T	29.66	28	8.6	10.1	17	W	6.9	62	4	6	25
27	48	33	41	1	25	24		8	0	0	29.88	34	8.4	11.1	21	NW	9.8	87	2	1	26
28	49	27	38	4	24	27		8	0	0	30.20	07	1.8	6.0	9	S	8.0	71	10	7	27
28	59	38	49	7	41	16	1	8	0	1.01	29.77	14	6.0	9.9	27	W	0.0	0	10	10	28

Sum	Sum	Sum	Sum	Sum	Total	Dep.	Temperature	Total	Total	For the month:				Total	%	Sum	Sum
1292	817				759	56	Number of days	3:80	3:0	30:00	34	1.1	7.7	40	SW	152.0	for 195 188
Avg.	Avg.	Avg.	Dep.	Avg.	Season to date		Max. 53.2	Max. 59.9	Min. 43.2	Min. 2.0	Dep.		Date: 13	Possible	month	Avg.	Avg.
46.1	29.2	37.7	2.2	26	3332	285	1	0	17	0	.90			302.7	50	7.0	6.7

* 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.)

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																									10
11																									11
12	T	T	T			T	T																		12
13	.04	.04	.04	.06	T	.04	.05	T	.03	.07	.02	.04													13
14																									14
15																									15
16	.04	.05	.05	.05	.07	.04	.01	.01	.01	.01	.02	.02													16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25	T	T	.01	.02	.02	.02	.04	.03	.05	.07	.09	.11													25
26			.01	T																					26
27																									27
28																									28

Data in columns 6, 12, 13, 14, and 15 are based on 8 observations per day at 3-hour intervals. Wind directions are those from which the wind blows. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations. Figures for directions are tens of degrees from true North; i.e., 09 = East, 18 = South, 27 = West, 36 = North, and 00 = Calm. When directions are in tens of degrees in Col. 17, entries in Col. 16 are fastest observed 1-minute speeds. If the / appears in Col. 17, speeds are gusts. Any errors detected will be corrected and changes in summary data will be annotated in the annual Summary if published.

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William J. Fitzgerald
Acting Director of National Weather Records Center

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.)	Resultant wind	
								Direction	Speed (m.p.h.)
01	6	30.01	34	31	73	26	6.9	24	.3
04	6	30.00	33	31	77	26	6.5	34	1.8
07	7	30.02	31	30	81	26	6.3	35	2.1
10	6	30.05	38	34	65	26	7.8	36	2.2
13	7	29.99	43	37	54	26	9.7	32	3.3
16	7	29.96	44	38	53	26	9.5	34	1.7
19	7	29.98	40	35	65	28	7.4	14	.8
22	7	29.99	37	34	71	28	7.5	11	1.3

