LOCAL CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

RICHMOND, VIRGINIA
NATIONAL WEATHER SERVICE DFC
BYRD FIELD
DECEMBER 1973

Latitude 37° 30′ N Longitude 77° 20′ W Elevation (ground) 164 ft. Standard time used: EASTERN WBAN #13740

Date	Temperature °F: Maximum	Minimum	Average	Departure from normal	Average dew point	Degree days Base 65°: Heating	Cooling	Weather types on dates of occurrence (1 Fog, 2 Heavy fog x, 3 Thunderstorm, 4 Ice pellets, 5 Hail, 6 Glaze, 7 Duststorm, 8 Smoke, Haze, 9 Blowing snow)	Snow, ice pellets or ice on ground at 07AM In.	Precipitation: Water equivalent In.	Snow, ice pellets In.	Avg. station pressure In. Elev. 177 feet m.s.l.	Wind: Resultant direction	Resultant speed m.p.h.	Average speed m.p.h.	Fastest mile: Speed m.p.h.	Fastest mile: Direction	Sunshine: Hours and tenths	Sunshine: Percent of possible	Sky cover Tenths: Sunrise to sunset	Sky cover Tenths: Midnight to midnight	Date
1	2	3	4	5	6	7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	55	30	43	0	28	22	0		0	0	0	30.20	02	7.0	8.2	16	NE	7.9	81	2	1	1
2	50	26	38	-5	25	27	0		0	0	0	30.35	04	.8	5.5	7	NE	9.8	100	2	3	2
3	62	30	46	4	33	19	0	8	0	0	0	30.08	19	4.7	4.9	8	S	9.7	100	0	0	3
4	74	35	55	13	46	10	0		0	0	0	29.86	20	8.3	8.8	19	SW	2.6	27	10	8	4
5	74*	59	67*	25	58	0	2		0	.21	0	29.65	20	12.2	13.2	28	SW	0.0	0	10	10	5
6	60	30	45	4	34	20	0		0	0	0	29.91	27	5.4	7.3	13	NW	9.7	100	0	0	6
7	48	32	40	-1	27	25	0		0	0	0	30.23	04	6.9	7.2	15	NE	6.4	66	8	7	7
8	43	38	41	1	34	24	0	1	0	1.53	0	30.17	02	11.0	11.2	19	NE	0.0	0	10	10	8
9	50	35	43	3	41	22	0	1	0	.70	0	29.60	31	5.8	12.5	23	NE	2.1	22	9	7	9
10	53	29	41	1	33	24	0	1 8	0	0	0	29.78	22	2.4	3.7	6	N	6.2	65	6	7	10
11	44	24	34	-6	23	31	0	1	2	.36	4.9	29.86	34	10.3	10.9	18	NW	6.9	72	5	5	11
12	38	18	28	-12	20	37	0	8	1	0	0	29.96	20	2.2	4.6	6	S	3.2	33	8	7	12
13	47	34	41	1	33	24	0	2 8	T	.42	0	29.61	16	5.4	6.8	12	SE	0.0	0	10	10	13
14	55	34	45	6	37	20	0	2	0	0	0	29.37	33	6.9	8.2	15	N	7.9	82	2	3	14
15	43	29	36	-3	29	29	0	1	0	.11	T	29.87	03	3.5	3.6	9	NE	0.9	9	10	10	15
16	36	26	31	-8	31	34	0	1 4 6	0	1.24	2.5	29.74	03	10.4	10.6	16	NE	0.0	0	10	10	16
17	28	17	23	-16	22	42	0	1 4 6	3	.32	1.8	29.46	34	9.6	11.8	17	N	0.0	0	10	9	17
18	34	3*	19*	-20	12	46	0		4	0	0	30.09	33	1.7	3.5	7	W	9.6	100	2	2	18
19	39	12	26	-13	20	39	0		3	01	0	30.33	05	4.2	6.0	7	E	6.2	65	6	7	19
20	60	30	45	6	40	20	0	2 8	2	.57	0	29.85	05	2.5	7.2	17	NW	1.2	13	10	10	20
21	61	26	44	5	37	21	0	1	0	.60	.7	29.43	32	7.1	12.2	23	NW	0.0	0	10	7	21
22	36	21	29	-10	15	36	0		T	0	0	29.92	28	5.8	7.3	12	NW	8.8	92	4	2	22
23	53	27	40	1	25	25	0		T	0	0	29.91	23	5.9	6.9	14	W	9.6	100	2	3	23
24	43	31	37	-2	27	28	0		0	0	0	30.25	05	7.6	7.8	11	NE	0.7	1	10	7	24
25	50	33	42	3	33	23	0		0	0	0	30.21	01	4.4	5.0	9	N	1.6	17	10	10	25
26	68	43	56	17	55	9	0	1 8	0	0	0	29.86	18	9.2	10.1	19	SW	0.0	0	10	10	26
27	68	51	60	21	55	5	0		0	0	0	29.75	22	9.2	9.4	17	SW	0.7	7	8	5	27
28	58	31	45	6	31	20	0		0	0	0	29.92	25	2.4	5.3	15	SW	9.6	100	1	0	28
29	61	33	47	8	32	18	0		0	.01	0	29.72	18	9.0	9.2	17	SW	4.5	47	9	7	29
30	55	35	45	6	30	20	0		0	.12	0	29.81	08	2.4	8.5	14	NW	6.3	67	6	7	30
31	45	36	41	2	39	24	0	1 3	0	.88	0	29.84	05	2.3	5.6	9	NE	0.0	0	10	10	31
	Sum 1591	Sum 938				Total 744	Total 2	Number of days		Total 7.07	Total 9.9	For the month: 29.90	32	1.0	7.8	28	SW	Total 132.1	% for month	Sum 210	Sum 194	
	Avg. 51.3	Avg. 30.3	Avg. 40.8	Dep. 1.1	Avg. 32	Dep. -62	Dep.	Precipitation		Dep.						Date: 05		Possible 298.4	44	Avg. 6.8	Avg. 6.3	
						Season to date		Snow, ice pellets														
	Number of days: Maximum Temp. ≤ 90°‡ 0	Maximum Temp. ≥ 32° 1	Minimum Temp. ≥ 32° 19	Minimum Temp. ≥ 0° 0		Total 1326 Dep. -184	Total 1544 Dep.	≥ .01 inch 13; ≥ 1.0 inch 3; Thunderstorms 1; Heavy fog X 3; Clear 8; Partly cloudy 5; Cloudy 18		Greatest in 24 hours and dates: Precipitation 2.23 8-9; Snow, ice pellets 4.9 11								Greatest depth on ground of snow, ice pellets or ice and date: 5 11				

HOURLY PRECIPITATION (Water equivalent in inches)

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																									3
4																									4
5								T	T	T				T				T	.19	T	.02	T			5
6																									6
7																									7
8												T	.02	.04	.06	.06	.09	.14	.25	.18	.19	.19	.19	.12	8
9	.11	.27	.27	.02	T	T	.01	T	.01	T	.01	T	T	T											9
10																									10
11		T	.01	.03	.04	.04	.04	.09	.06	.04	.01														11
12																									12
13										T	T	T	T	.01	.21	.06	.01	.01	.07	.05					13
14																									14
15																	T	.03	.02	T		.01	.03	.02	15
16	.02	.03	.03	.02	.01	.03	.01	.02	.02	.05	.07	.03	.04	.06	.07	.10	.09	.06	.07	.07	.08	.08	.09	.09	16
17	.01	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.01	.01	T						17
18																									18
19																									19
20													T	T	T	.03	.01	.24	.06	.13	.02	.03	.02	.03	20
21	.03	.05	.03	.01	.07	.04	.01	.08	.11	.05	.01	.03	.03	.02	.01	.02	T	T							21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																								.01	29
30	.03	.02																				.01	.06	30
31	.01	.02	.02	.02	.01	.01						T	T	T	T	.02	.05	.01	.25	.14	.09	.03	.14	.06	31

* Extreme temperatures for the month. May be the last of more than one occurrence.
– Below zero temperature or negative departure from normal.
‡ ≤ 70° at Alaskan stations.
+ Also on an earlier date, or dates.
X Heavy fog restricts visibility to ¼ mile or less.
T In the Hourly Precipitation table and in columns 9, 10, and 11 indicates an amount too small to measure.

The season for degree days begins with July for heating and with January for cooling.
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.

Subscription Price: Local Climatological Data $ 2.00 per year including annual issue if published, foreign mailing 75¢ extra. Single copy: 20¢ for monthly issue; 15¢ for annual summary. Make checks payable to Department of Commerce, NOAA. Send payments and orders to National Climatic Center, Federal Building, Asheville, North Carolina 28801.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center

SUMMARY BY HOURS

Hour Local time	Sky cover Tenths	Station pressure In.	AVERAGES: Temperature Air °F	Wet bulb °F	Dew Pt. °F	Relative humidity %	Wind speed m.p.h.	Resultant wind: Direction	Speed m.p.h.
01	6	29.88	39	37	33	80	7.5	33	1.0
04	5	29.88	37	35	32	83	7.2	35	1.5
07	7	29.90	36	34	32	84	6.9	35	2.3
10	6	29.94	42	38	32	69	9.3	33	2.2
13	7	29.89	47	41	32	58	9.5	28	2.2
16	7	29.88	48	41	32	59	8.1	24	1.1
19	6	29.90	41	38	33	74	7.1	18	.2
22	6	29.90	40	37	32	77	7.0	05	.1

NOTICE: CLIMATOLOGICAL NORMALS BASED ON THE PERIOD 1941-1970 ARE EFFECTIVE AS FOLLOWS
HEATING DEGREE DAYS - JULY 1, 1973
COOLING DEGREE DAYS, TEMPERATURE, AND PRECIPITATION - JANUARY 1, 1974

OBSERVATIONS AT 3-HOUR INTERVALS

HOUR	SKY COVER Tenths	CEILING Hndr. of ft.	VISIBILITY Whole Miles	VISIBILITY Nmrs Mile	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW PT °F	REL. HUM. %	WIND DIR.	WIND SPEED Knots
DAY 01											
01	0	UNL	12			50	41	30	46	27	5
04	0	UNL	12			40	36	30	68	00	0
07	8	UNL	11			41	37	31	68	04	5
10	3	UNL	11			50	41	30	46	02	14
13	4	UNL	11			54	42	25	33	01	13
16	0	UNL	11			52	41	24	34	02	9
19	0	UNL	10			40	34	25	55	04	6
22	0	UNL	10			38	33	25	60	05	5
DAY 02											
01	0	UNL	12			35	31	25	67	32	5
04	0	UNL	12			27	26	24	88	34	4
07	3	UNL	10			27	26	23	85	34	5
10	1	UNL	12			39	34	26	60	09	7
13	1	UNL	12			45	37	24	44	34	3
16	0	UNL	12			46	37	22	39	20	6
19	6	UNL	12			34	31	26	73	12	4
22	9	UNL	12			34	32	29	82	14	4
DAY 03											
01	0	UNL	12			32	31	30	92	17	3
04	0	UNL	12			33	32	30	89	19	5
07	0	UNL	6		K	34	33	31	89	17	6
10	0	UNL	8			48	42	35	61	19	8
13	0	UNL	10			58	46	33	39	22	4
16	0	UNL	10			60	48	34	38	18	5
19	0	UNL	10			45	40	34	65	19	3
22	0	UNL	10			40	37	34	79	00	0
DAY 04											
01	0	UNL	10			40	37	32	73	17	3
04	2	UNL	10			47	44	40	77	24	6
07	10	40	8			49	46	44	83	20	5
10	10	50	8			55	51	47	75	19	7
13	10	100	10			72	60	52	50	21	13
16	10	40	10			71	59	49	46	22	8
19	10	80	10			67	58	50	55	20	9
22	10	120	10			66	59	53	63	18	10
DAY 05											
10		40	10			65	59	55	70	18	9
10		40	10			65	60	57	75	18	10
10		20	10			66	61	58	76	17	8
10		40	10			70	64	60	71	18	12
10		30	10			72	65	60	66	20	14
10		30	10			72	65	60	66	18	13
10		20	4		RW	66	64	63	90	23	13
10		100	8			64	57	52	69	23	13
DAY 06											
0		UNL	12			56	52	48	75	23	9
0		UNL	12			50	45	39	66	27	7
0		UNL	12			44	40	36	74	29	4
0		UNL	12			52	42	30	43	31	11
0		UNL	12			56	44	30	37	26	11
0		UNL	12			55	44	29	37	32	5
0		UNL	12			40	36	30	68	00	0
0		UNL	12			33	32	30	89	14	4
DAY 07											
01	0	UNL	12			34	32	29	82	36	5
04	0	UNL	12			36	33	29	76	04	7
07	7	60	12			36	33	28	73	06	5
10	8	250	12			43	37	27	53	06	8
13	9	30	12			46	37	24	42	04	9
16	10	250	12			45	37	25	46	04	7
19	10	250	12			40	35	26	57	05	4
22	10	250	12			39	34	27	62	03	5
DAY 08											
10		120	12			40	36	30	68	03	7
10		120	12			39	36	31	73	01	8
10		100	10			38	36	32	79	01	5
10		30	8			40	37	32	73	02	12
10		30	5		R	41	39	36	82	36	10
10		20	2	8	RF	40	39	37	89	02	10
10		10	3		RF	40	39	37	89	03	12
10		8	2		RF	40	39	38	93	03	14
DAY 09											
10		6	2			42	41	40	93	02	11
10		6	6		F	47	45	43	86	03	13
10		5	2		RF	47	46	45	93	01	16
10		1	1		LF	48	47	47	96	25	10
10		10	2	8	LF	43	42	41	93	26	12
3		UNL	10			48	45	41	77	24	10
0		UNL	12			43	40	37	79	24	7
0		UNL	12			41	38	33	73	29	8
DAY 10											
01	8	100	12			35	33	31	85	21	4
04	3	UNL	12			31	30	29	92	13	3
07	3	UNL	5		GF	29	29	28	96	19	4
10	8	90	6		H	40	37	32	73	26	4
13	6	70	5		H	49	42	34	56	23	4
16	8	70	10			49	42	33	54	18	3
19	10	50	10			44	41	37	76	00	0
22	10	60	7			44	40	36	74	33	4
DAY 11											
10		50	12			41	38	33	73	35	8
10		14	3		S	32	31	28	85	36	12
10		2	0	4	SF	29	29	27	92	36	9
10		5	1		SF	28	27	25	89	34	12
3		UNL	10			36	30	19	50	32	15
0		UNL	12			38	31	17	43	31	9
0		UNL	12			31	27	19	61	31	7
0		UNL	12			30	26	17	58	34	4
DAY 12											
0		UNL	12			24	23	18	78	35	3
0		UNL	12			21	20	18	88	28	3
0		UNL	12			21	20	18	88	00	0
5		UNL	7			30	27	22	72	20	3
7		60	12			36	30	17	46	23	5
7		120	10			36	30	19	50	19	7
10		60	10			34	30	22	62	13	4
10		60	12			34	31	25	70	13	5
DAY 13											
01	10	50	12			34	31	26	73	13	5
04	10	50	12			35	32	26	70	19	6
07	10	90	8			36	32	26	67	14	5
10	10	60	7			40	35	26	57	17	7
13	10	40	7			43	38	30	60	19	11
16	10	25	2		RGF	40	40	39	96	21	3
19	10	8	2		RF	43	43	42	96	16	6
22	10	3	1		F	46	46	46	100	34	4
DAY 14											
10		0	0	2	F	45	45	45	100	33	3
2	UNL	3			F	43	43	43	100	30	4
9	40	6			GF	41	41	41	100	31	6
0	UNL	10				47	43	38	71	30	10
1	UNL	10				54	45	35	49	32	11
4	UNL	12				52	44	34	50	32	10
5	UNL	12				43	38	32	65	03	6
0	UNL	10				37	34	28	70	04	5
DAY 15											
10		250	8			34	32	28	79	01	5
9		100	8			32	31	29	89	00	0
9		100	8			32	31	29	89	00	0
10		100	7			36	32	26	67	03	4
10		80	7			42	36	26	53	01	4
10		100	7			41	36	27	58	04	3
10		40	3		LF	36	35	33	89	03	4
10		4	3		RF	35	33	34	96	04	5
DAY 16											
01	10	3	2		RF	36	36	35	96	05	6
04	10	3	2		RF	35	35	34	96	03	7
07	10	5	2		RF	34	34	33	96	03	8
10	10	8	2		RF	33	33	32	96	03	11
13	10	7	2		RIPF	32	31	30	92	03	12
16	10	7	2		ZRIPF	31	31	30	96	04	8
19	10	6	2		ZRIPF	29	29	27	92	01	12
22	10	9	2	8	SIPF	26	26	25	96	02	10
DAY 17											
10		9	2	8	SIPF	26	26	24	92	03	15
10		9	2	8	SIPF	26	26	24	92	01	11
10		4	1		SIPF	25	25	23	92	33	11
10		11	1		SF	24	24	22	92	33	11
10		10	0	8	SF	26	25	23	88	34	7
10		10	0	8	SF	27	26	24	88	30	13
5	UNL	7				26	25	21	81	31	8
4	UNL	8				21	20	19	78	27	6
DAY 18											
0		UNL	10			18	17	12	77	27	6
0		UNL	12			13	12	09	84	27	5
0		UNL	12			04	04	04	100	00	0
2		UNL	10			24	21	14	66	00	0
0		UNL	12			31	25	11	43	05	3
2		UNL	12			31	25	12	45	34	3
2		UNL	12			22	22	20	92	00	0
2		UNL	12			20	16	13	74	05	5
DAY 19											
01	0	UNL	12			15	15	13	92	25	3
04	2	UNL	12			14	14	11	88	34	5
07	8	80	12			20	19	16	84	36	3
10	3	UNL	12			29	28	17	61	07	8
13	5	UNL	12			36	30	19	50	05	5
16	10	120	12			36	32	26	67	08	6
19	10	80	10			32	31	28	85	08	6
22	10	40	10			32	31	28	85	03	6
DAY 20											
8		25	10			33	32	30	89	04	7
5	UNL	10				30	30	29	96	01	5
10		5	5		F	32	31	30	92	02	7
10		70	6		H	36	34	32	85	05	4
10		80	7		R	34	30	27	77	11	5
10		50	4		RF	39	36	34	84	17	10
10		1	0	1	RF	47	47	47	100	32	9
10		1	0	2	RF	50	50	50	100	16	3
DAY 21											
10		8	1	8	RF	59	59	59	100	16	7
10		5	1	8	RF	60	59	59	97	17	7
10		6	1		RF	47	46	45	93	01	15
10		16	5		RF	37	36	35	92	35	14
10		4	0	8	SF	33	33	32	96	30	12
10		9	1		SF	33	32	30	89	31	8
2	UNL	7				30	27	21	69	30	10
0	UNL	12				28	25	17	63	31	12
DAY 22											
01	0	UNL	12			26	23	16	66	28	6
04	0	UNL	12			24	21	13	62	30	7
07	0	UNL	12			22	20	12	65	28	6
10	0	UNL	12			28	24	13	53	29	11
13	10	UNL	12			34	27	13	42	31	7
16	7	250	12			35	28	13	40	32	4
19	0	UNL	12			27	25	18	69	22	3
22	0	UNL	12			25	23	18	75	19	7
DAY 23											
10		100	12			29	26	19	66	24	6
10		100	10			29	26	19	66	21	7
0	UNL	10				28	25	19	69	21	8
2	UNL	10				36	30	20	52	22	8
0	UNL	12				51	41	28	41	27	10
4	UNL	12				51	42	31	46	27	6
2	UNL	12				36	34	31	82	16	3
0	UNL	12				33	32	30	89	00	0
DAY 24											
0		UNL	12			37	34	29	73	03	7
0		UNL	12			35	32	28	76	06	9
8		UNL	10			32	30	26	79	04	5
10		250	7			37	33	27	67	04	7
10		45	8			41	36	27	58	05	8
10		45	8			41	36	27	58	05	7
10		70	10			37	33	25	62	05	6
10		35	10			37	33	25	62	03	5
DAY 25											
01	10	25	10			35	32	28	76	04	5
04	10	11	10			36	34	30	79	01	5
07	10	12	10			36	34	31	82	36	8
10	10	30	10			39	36	32	76	01	5
13	10	200	10			46	41	34	63	29	3
16	10	50	10			48	43	37	66	05	5
19	10	80	10			44	41	37	76	01	4
22	10	60	8			43	40	36	76	00	0
DAY 26											
10		90	7			46	44	41	83	13	5
9	250	5			GFH	43	43	42	96	10	4
10		40	5		GFH	56	55	54	93	20	6
9		60	10			62	59	57	84	19	10
10		20	7			66	62	59	78	19	14
10		15	10			65	63	61	87	18	8
9		18	10			67	64	62	84	18	12
10		20	10			67	64	62	84	19	11
DAY 27											
10		120	12			67	63	60	78	20	14
3	UNL	12				62	60	58	84	22	9
7	UNL	12				61	59	57	87	22	6
10		30	12			64	60	57	78	23	8
10		60	12			64	58	53	68	22	8
4	UNL	12				65	57	51	61	22	8
0	UNL	12				54	52	50	86	22	5
0	UNL	12				53	51	50	90	21	7
DAY 28											
0		UNL	12			52	46	40	64	27	9
0		UNL	12			44	39	33	65	27	3
0		UNL	12			41	37	30	65	29	6
0		UNL	12			51	42	30	45	31	5
0		UNL	12			55	43	26	33	15	3
1		UNL	12			55	43	27	34	17	4
0		UNL	12			41	37	30	65	18	3
0		UNL	10			33	32	30	89	12	4
DAY 29											
4		UNL	10			35	33	31	85	17	4
0		UNL	10			34	33	30	85	16	5
6		UNL	10			34	32	29	82	18	4
9		UNL	10			46	40	33	61	19	7
10		250	12			57	46	32	39	18	12
10		110	12			60	46	29	31	18	7
10		100	12			60	47	32	35	19	13
10		50	12			59	48	37	44	20	12
DAY 30											
R						53	50	48	83	25	8
10		100	7			51	50	49	93	29	6
4		UNL	10			45	41	37	74	01	8
3		UNL	10			46	37	26	42	02	9
7		220	12			51	39	20	29	11	5
8		220	12			50	39	23	35	12	9
4		UNL	12			41	33	20	43	11	7
10		40	12			40	35	21	47	12	7
DAY 31											
01	10	25	6		RGF	36	35	34	92	04	8
04	10	5	6		RF	37	36	35	92	05	8
07	10	3	5		F	37	37	36	96	09	5
10	10	2	0	8	F	39	39	38	96	32	4
13	10	3	1		LF	40	40	40	100	23	4
16	10	3	1	8	RF	43	42	41	93	21	3
19	10	3	1		TRF	44	43	43	96	10	6
22	10	3	2		RF	44	43	43	96	34	5

NOTES

CEILING COLUMN—

UNL indicates an unlimited ceiling.

WEATHER COLUMN—

*	Tornado
T	Thunderstorm
Q	Squall
R	Rain
RW	Rain showers
ZR	Freezing rain
L	Drizzle
ZL	Freezing drizzle
S	Snow
SP	Snow pellets
IC	Ice crystals
SW	Snow showers
SG	Snow grains
IP	Ice pellets
A	Hail
F	Fog
IF	Ice fog
GF	Ground fog
BD	Blowing dust
BN	Blowing sand
BS	Blowing snow
BY	Blowing spray
K	Smoke
H	Haze
D	Dust

WIND COLUMNS—

Directions are those from which the wind blows, indicated in tens of degrees from true North; i. e., 09 for East, 18 for South, 27 for West. Entry of 00 in the direction column indicates calm.

Speed is expressed in knots; multiply by 1.15 to convert to miles per hour.

ADDITIONAL DATA

Other observational data contained in records on file can be furnished at cost via microfilm, microfiche, or paper copies of the original records. Inquiries as to availability and costs should be addressed to: Director, National Climatic Center, Federal Building, Asheville, North Carolina 28801.

STATION: RICHMOND VA YEAR & MONTH: 73 12

U.S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

AN EQUAL OPPORTUNITY EMPLOYER

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
210

U.S. MAIL
FIRST CLASS