MAY 1979
RICHMOND, VIRGINIA
NATIONAL WEATHER SERVICE OFC
R.E.BYRD INTERNATIONAL AP.

Local Climatological Data

MONTHLY SUMMARY

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 (SEASON BEGINS WITH JULY)	COOLING (SEASON BEGINS WITH JAN.)	WEATHER TYPES ON DATES OF OCCURRENCE 1 FOG 2 HEAVY FOG 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 DIR.	RESULTANT SPEED M.P.H.	AVERAGE SPEED M.P.H.	FASTEST MILE SPEED M.P.H.	FASTEST MILE DIRECTION	SUNSHINE MINUTES	SUNSHINE PERCENT OF POSSIBLE	SKY COVER TENTHS SUNRISE TO SUNSET	SKY COVER TENTHS MIDNIGHT TO MIDNIGHT	DATE
1	76	50	63	0	42	2	0		0	0	0	29.84	36	5.3	9.1	15	NE	824	100	1	0	1
2	77	44	61	-2	47	4	0		0	0	0	30.04	13	3.4	6.6	13	SE	827	100	0	0	2
3	82	52	67	4	56	0	2	1 8	0	.29	0	29.88	21	8.2	9.5	22	SW	513	62	7	7	3
4	82	55	69	6	67	0	4	1 3 8	0	.23	0	29.68	23	5.0	8.3	23	NW	420	51	9	8	4
5	69	48	59	-5	48	6	0		0	T	0	29.80	01	7.6	9.8	16	N	734	88	5	5	5
6	75	44*	60	-4	52	5	0		0	0	0	29.84	17	6.0	6.8	13	SE	755	91	5	3	6
7	83	49	66	2	58	0	1		0	0	0	29.92	17	6.4	6.6	13	S	819	98	3	2	7
8	84	59	72	8	66	0	7	8	0	0	0	29.84	18	5.3	5.8	14	SE	730	87	6	4	8
9	87*	62	75	10	67	0	10	1 8	0	0	0	29.84	20	6.4	7.2	11	SW	686	82	8	7	9
10	80	65	73	8	70	0	8	1	0	.04	0	29.84	20	5.9	6.3	12	SW	505	60	10	10	10
11	85	68	77*	12	70	0	12	1 8	0	0	0	29.77	10	2.3	2.6	5	E	675	80	8	8	11
12	84	67	76	11	70	0	11	1 3 8	0	.01	0	29.80	10	4.8	5.8	12	SW	527	62	8	7	12
13	81	66	74	8	70	0	9	1 3 8	0	.61	0	29.76	22	5.7	8.3	18	NW	488	58	10	10	13
14	67	55	61	-5	61	4	0	1 8	0	.18	0	29.86	36	4.5	6.8	14	N	176	21	10	10	14
15	80	48	65	-1	57	0	0	1 8	0	0	0	29.93	29	1.3	5.0	9	SE	851	100	6	6	15
16	76	56	66	0	53	0	1		0	0	0	30.03	35	7.8	8.5	14	N	852	100	1	2	16
17	73	48	61	-6	47	4	0		0	0	0	30.11	02	8.8	9.6	19	NW	854	100	1	0	17
18	71	51	61	-6	55	4	0	1 8	0	.74	0	29.85	01	10.8	11.4	20	NE	336	39	10	8	18
19	65	57	61	-6	61	4	0	1 8	0	.36	0	29.77	06	8.8	9.1	16	NE	91	11	10	10	19
20	76	59	68	0	62	0	3	2 8	0	0	0	29.81	08	4.1	5.9	11	NE	701	82	6	6	20
21	74	60	67	-1	64	0	2	2 8	0	0	0	29.78	20	4.2	5.8	7	SE	339	39	10	10	21
22	77	60	69	1	67	0	4	1 8	0	T	0	29.86	06	2.2	3.7	7	NE	472	55	10	10	22
23	83	67	75	7	70	0	10	1 3 8	0	.28	0	29.78	19	8.9	9.2	17	E	481	56	9	10	23
24	81	67	74	5	70	0	9	1 3 8	0	.30	0	29.82	19	9.1	10.1	20	SW	366	42	9	10	24
25	74	55	65	-4	60	0	0	1 3	0	T	0	29.37	24	7.8	9.2	23	W	635	73	6	7	25
26	65	45	55*	-14	47	10	0		0	0	0	29.56	24	10.1	10.9	17	W	748	86	5	4	26
27	78	49	64	-5	52	1	0	1	0	.01	0	29.74	20	12.3	12.7	23	SW	617	71	8	8	27
28	79	60	70	0	62	0	5	1	0	.01	0	29.73	22	8.0	9.5	17	SW	504	58	8	7	28
29	83	57	70	0	61	0	5	1 8	0	0	0	29.71	19	1.9	4.6	12	SW	792	91	3	3	29
30	83	57	70	0	60	0	5	1 8	0	0	0	29.65	09	1.9	5.5	9	SE	718	82	5	6	30
31	81	67	74	3	73	0	9	1 3 8	0	.74	0	29.92	18	5.9	6.6	17	SW	400	46	10	10	31
	SUM 2412	SUM 1748				TOTAL 44	TOTAL 117	NUMBER OF DAYS		TOTAL 3.80	TOTAL 0	FOR THE MONTH: 29.82	19	1.8	7.6	23	SW	TOTAL 18437	% FOR 207	SUM 207	SUM 198	
	AVG. 77.8	AVG. 56.4	AVG. 67.1	DEP. 0.6	AVG. 60	DEP. -20	DEP. 6	PRECIPITATION >.01 INCH 13		DEP. 0.38						DATE: 27+		POSSIBLE 26391	MONTH 70	AVG. 6.7	AVG. 6.4	
						SEASON TO DATE		SNOW, ICE PELLETS														
						TOTAL 3878	TOTAL 163	>1.0 INCH 0														
	NUMBER OF DAYS MAXIMUM TEMP. ≥90° 0	≤32° 0	MINIMUM TEMP. ≤32° 0	≤0° 0		DEP. -61	DEP. 34	THUNDERSTORMS 7		GREATEST IN 24 HOURS AND DATES PRECIPITATION 1.04	18-19	SNOW, ICE PELLETS 0				GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE 0						
								HEAVY FOG 2														
								CLEAR 6	PARTLY CLOUDY 9		CLOUDY 16											

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
T TRACE AMOUNT
+ ALSO ON AN EARLIER DATE, OR DATES.
HEAVY FOG: - VISIBILITY 1/4 MILE OR LESS.
FIGURES FOR WIND DIRECTIONS ARE TENS OF DEGREES CLOCKWISE FROM TRUE NORTH. 00 = CALM.
DATA IN COLS. 6 AND 12-15 ARE BASED ON 7 OR MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS. FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES WHEN DIRECTIONS ARE IN TENS OF DEGREES. THE / WITH THE DIRECTION INDICATES PEAK GUST SPEED.
ANY ERRORS DETECTED WILL BE CORRECTED AND CHANGES IN SUMMARY DATA WILL BE ANNOTATED IN THE ANNUAL SUMMARY

SUMMARY BY HOURS

HOUR LOCAL TIME	AVERAGES SKY COVER TENTHS	STATION PRESSURE IN.	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	DEW PT. °F	RELATIVE HUMIDITY %	WIND SPEED M.P.H.	RESULTANT WIND DIRECTION	RESULTANT WIND SPEED M.P.H.
01	5	29.81	61	60	60	95	5.6	19	2.0
04	6	29.81	59	59	58	97	5.5	19	.7
07	6	29.85	62	61	60	94	7.7	21	.7
10	7	29.86	70	65	61	76	9.3	22	1.0
13	7	29.83	75	66	60	63	9.5	21	2.7
16	7	29.79	75	66	60	62	9.8	21	3.9
19	7	29.79	70	65	61	74	6.8	16	2.3
22	6	29.82	64	62	61	90	6.8	18	1.7

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

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Daniel B. Mitchell
DIRECTOR, NATIONAL CLIMATIC CENTER

USCOMM--NOAA--ASHEVILLE 06/25/79 450

MAY 1979 RICHMOND, VIRGINIA

OBSERVATIONS AT 3-HOUR INTERVALS

HOUR	SKY COVER TENTHS	CEILING HNDS. OF FT.	VISIBILITY WHOLE MILES	VISIBILITY 16THS 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			55	54	53	93	18	5
04	0	UNL	12			55	50	46	72	01	10
07	0	UNL	15			57	48	42	57	03	10
10	0	UNL	15			64	52	40	42	01	8
13	0	UNL	15			71	55	41	34	36	8
16	0	UNL	15			75	54	32	21	29	14
19	0	UNL	15			68	53	38	33	02	5
22	0	UNL	15			54	50	47	77	14	3
					DAY 02						
01	0	UNL	15			49	48	48	96	00	0
04	0	UNL	15			46	46	46	100	00	0
07	0	UNL	10			53	48	45	74	05	7
10	0	UNL	15			66	53	41	40	08	8
13	0	UNL	20			72	57	44	37	27	5
16	0	UNL	20			76	60	47	36	18	8
19	2	UNL	15			67	58	52	59	14	10
22	0	UNL	15			58	55	52	81	15	8
					DAY 03						
01	1	UNL	15			58	54	51	78	18	5
04	1	UNL	15			54	53	52	93	19	6
07	3	UNL	8			56	55	55	96	18	6
10	4	UNL	8			73	63	56	55	21	12
13	3	UNL	8			81	64	52	37	22	14
16	10	UNL	30	8	RW	76	64	56	50	21	8
19	10	UNL	45	8		71	64	60	68	18	6
22	10	UNL	25	6	RWH	70	66	64	81	28	9
					DAY 04						
01	3	UNL	5		F	63	63	63	100	22	6
04	3	UNL	3		F	63	63	63	100	22	4
07	9	4	1	8	F	65	65	65	100	22	9
10	10	120	7			75	72	70	85	23	8
13	10	45	2	8	H	72	71	71	97	18	8
16	10	20	6		H	78	74	72	82	24	7
19	10	20	5		TRWH	74	72	71	80	19	3
22	10	5	5		TRWF	59	58	58	97	35	13
					DAY 05						
01	10	28	10		R	53	52	52	96	36	13
04	10	35	15			50	50	50	100	35	11
07	10	UNL	15			50	48	48	96	36	11
10	6	UNL	15			57	52	48	72	02	11
13	2	UNL	15			64	54	46	52	02	7
16	3	UNL	15			67	55	45	45	06	5
19	4	UNL	15			63	54	46	54	19	5
22	0	UNL	20			53	48	46	77	07	5
					DAY 06						
01	0	UNL	15			48	48	48	100	15	5
04	0	UNL	10			46	46	46	100	00	0
07	0	UNL	7			53	53	53	100	20	4
10	1	UNL	7			64	60	57	78	21	6
13	1	UNL	10			71	63	57	61	19	6
16	1	UNL	10			75	62	53	46	21	8
19	1	UNL	10			66	58	52	61	14	11
22	1	UNL	15			57	54	51	80	15	8
					DAY 07						
01	0	UNL	15			53	50	48	83	00	0
04	0	UNL	15			51	49	48	80	14	3
07	0	UNL	15			56	55	55	96	17	4
10	1	UNL	10			70	64	60	71	18	6
13	5	UNL	8			78	70	65	62	16	11
16	4	UNL	8			82	69	62	51	19	10
19	5	UNL	8			75	68	64	69	15	5
22	0	UNL	8			68	65	63	84	18	7
					DAY 08						
01	0	UNL	8			64	62	61	90	19	4
04	6	250	8			61	60	59	93	00	0
07	6	UNL	7			64	64	64	100	00	0
10	7	250	6		H	77	72	69	76	20	5
13	8	80	8			82	73	69	65	18	7
16	5	UNL	15			83	73	68	63	17	8
19	7	40	12			77	72	70	78	13	7
22	0	UNL	10			74	71	69	84	18	9
					DAY 09						
01	0	UNL	10			68	66	65	90	18	7
04	0	UNL	5		F	64	63	63	97	15	4
07	0	UNL	5		H	67	66	66	97	20	7
10	1	UNL	7			74	71	69	84	22	6
13	3	UNL	8			83	73	68	61	25	8
16	8	UNL	10			84	73	68	59	20	8
19	8	250	12			80	72	68	67	22	4
22	10	UNL	10			73	71	70	90	19	6
					DAY 10						
01	10	200	10			70	68	67	90	19	5
04	10	120	10			67	66	66	97	18	3
07	10	250	7			68	67	67	97	18	5
10	9	30	7			79	73	71	77	22	9
13	10	20	5		RWF	73	73	73	100	21	7
16	10	90	8		R	74	73	73	97	23	7
19	10	90	10			73	73	73	100	18	4
22	10	45	10			70	70	70	100	17	4
					DAY 11						
01	10	6	2		F	69	69	69	100	00	0
04	10	80	5		F	69	69	69	100	00	0
07	10	3	1	8	F	70	69	69	97	00	0
10	10	16	7			76	73	71	85	08	5
13	7	250	7			83	75	72	70	15	5
16	8	100	8			85	75	70	61	08	4
19	6	250	8			81	74	71	72	00	0
22	8	120	10			72	72	72	100	09	4
					DAY 12						
01	1	UNL	6		F	68	68	68	100	10	4
04	10	8	2		F	69	69	69	100	06	4
07	10	5	3		H	69	68	68	97	07	5
10	10	100	8			74	71	70	87	04	4
13	10	30	8			83	74	70	65	09	6
16	10	100	7			72	72	72	100	12	7
19	9	100	7			74	73	73	97	11	5
22	10	UNL	6		H	70	70	70	100	16	5
					DAY 13						
01	9	40	6		F	71	71	71	100	18	8
04	10	12	6		F	69	69	68	100	19	5
07	10	70	7			72	71	71	97	17	6
10	10	220	6		H	74	73	73	97	20	8
13	10	250	6		H	78	74	72	79	21	4
16	10	70	6		H	80	73	70	72	21	9
19	10	30	5		TRW	68	66	65	90	30	10
22	10	50	7			68	66	65	90	29	7
					DAY 14						
01	10	50	5		RWF	67	67	67	100	23	6
04	10	25	5		F	66	66	66	100	00	0
07	10	18	2		RWF	61	61	61	100	01	8
10	10	25	3		RWF	59	59	59	100	03	9
13	10	100	5		H	65	63	61	87	36	9
16	10	100	5		H	61	60	60	97	05	6
19	10	100	7			62	58	56	81	02	4
22	10	120	7			58	57	56	93	00	0
					DAY 15						
01	6	UNL	4		F	54	54	54	100	00	0
04	7	10	2		F	50	50	50	100	00	0
07	3	UNL	2		F	57	57	57	100	33	7
10	7	UNL	7			70	63	59	68	30	6
13	7	UNL	10			76	65	58	54	19	4
16	8	250	12			79	65	56	45	07	6
19	7	UNL	12			71	64	60	68	15	5
22	7	250	12			64	62	60	87	27	7
					DAY 16						
01	7	250	7			61	61	61	100	34	5
04	10	UNL	8			57	57	57	100	34	6
07	0	UNL	7			62	60	59	90	01	10
10	0	UNL	10			70	61	54	57	02	9
13	2	UNL	15			75	59	47	37	35	9
16	0	UNL	15			75	59	47	37	31	10
19	0	UNL	15			69	56	45	42	36	5
22	0	UNL	15			56	53	51	83	01	5
					DAY 17						
01	0	UNL	12			54	51	48	80	01	5
04	0	UNL	10			51	49	48	90	36	7
07	0	UNL	15			56	53	50	80	01	9
10	0	UNL	15			66	55	45	47	36	13
13	0	UNL	15			71	55	40	33	36	11
16	1	UNL	15			72	59	48	43	06	11
19	1	UNL	15			67	55	44	44	06	6
22	0	UNL	12			57	53	50	78	01	5
					DAY 18						
01	0	UNL	12			54	53	53	96	36	5
04	7	UNL	10			51	50	50	96	36	4
07	7	UNL	10			57	57	57	100	35	9
10	10	250	6		F	68	60	54	61	04	13
13	10	100	7			69	59	52	55	02	13
16	10	100	7		R	69	59	52	55	02	13
19	10	30	7		R	63	59	56	78	01	11
22	10	18	1	8	RF	58	58	58	100	36	12
	10	6	2	8	RWF	59	59	58	100	36	12
					DAY 19						
01	10	12	5		F	62	61	61	97	05	6
04	10	25	7		L	58	58	58	100	05	7
07	10	8	6		F	59	59	59	100	04	10
10	10	20	3		LF	60	60	60	100	07	10
13	10	13	5		RF	65	64	64	97	07	11
16	10	8	2		RWF	61	61	61	100	06	7
19	9	12	2		F	62	62	62	100	05	6
22	10	16	4		F	61	61	61	100	05	6
					DAY 20						
01	10	4	5		H	61	61	61	100	00	0
04	10	4	5		H	61	61	61	100	05	8
07	10	4	5		F	61	61	61	100	08	5
10	10	20	6		H	68	64	62	81	35	6
13	9	25	7			72	67	65	78	09	8
16	10	8	2			76	67	62	62	14	7
19	10	30	7			71	67	65	81	09	3
22	10	30	7			63	62	61	93	13	4
					DAY 21						
01	10	0	0		F	61	61	61	100	13	4
04	10	2	1	8	F	61	61	61	100	14	6
07	10	4	1	8	F	62	62	62	100	19	6
10	10	100	3		H	68	66	64	87	19	6
13	10	100	5		H	73	67	64	74	25	6
16	10	100	7			72	68	66	82	25	6
19	10	50	7			71	67	65	81	23	3
22	10	30	7			67	66	65	93	23	3
					DAY 22						
01	8	250	4		F	63	63	63	100	22	3
04	10	70	4		F	62	62	62	100	00	0
07	8	80	4		F	66	66	66	100	00	0
10	10	12	3		F	70	69	68	93	36	6
13	10	25	3		H	75	71	69	82	09	5
16	10	25	3		H	76	71	68	76	11	3
19	10	40	3		H	73	70	68	84	05	6
22	10	25	3		RWF	68	68	68	100	09	3
					DAY 23						
01	10	5	3		F	68	68	68	100	16	3
04	10	4	2		F	68	68	68	100	17	5
07	10	3	1	8	F	68	68	68	100	19	7
10	10	2	2	8	FH	74	73	73	97	18	7
13	10	80	3		H	79	75	73	82	22	9
16	10	70	5		H	82	76	73	74	19	10
19	10	60	7			74	71	70	87	18	13
22	10	70	5		H	70	69	69	97	18	10
					DAY 24						
01	9	250	4		FH	69	69	69	100	18	6
04	10	40	4		F	70	70	70	100	19	10
07	10	35	3		FH	71	70	70	97	19	11
10	10	18	5		H	73	72	71	93	18	12
13	7	25	10			79	73	70	74	20	12
16	10	30	10			80	74	71	74	23	9
19	10	16	2		TRW	70	70	70	100	12	6
22	10	8	7			68	68	68	100	19	4
					DAY 25						
01	10	4	4		F	68	68	68	100	22	5
04	7	8	5		F	68	68	68	100	24	7
07	10	8	7			64	64	64	100	26	7
10	6	16	8			69	66	65	87	17	4
13	3	UNL	10			74	63	56	54	20	11
16	1	UNL	15			72	60	51	48	28	16
19	2	UNL	15			65	57	51	61	24	8
22	10	40	8		RW	59	57	55	87	22	6
					DAY 26						
01	10	UNL	10			53	51	50	90	24	8
04	10	UNL	10			48	47	46	93	22	8
07	10	UNL	12			50	48	47	88	23	10
10	10	UNL	20			59	52	45	60	26	13
13	10	UNL	20			63	54	47	56	23	13
16	10	40	15			62	54	46	56	24	11
19	10	UNL	15			62	53	44	52	26	7
22	10	UNL	15			53	51	49	86	17	6
					DAY 27						
01	10	UNL	15			54	51	49	83	19	10
04	10	UNL	15			51	50	49	93	20	9
07	10	250	12			57	54	51	80	20	10
10	7	250	15			71	61	54	55	20	16
13	9	80	15			78	60	47	34	22	16
16	10	50	15			76	62	52	43	19	12
19	10	40	15			70	63	58	66	17	5
22	10	45	15			69	62	57	66	21	10
					DAY 28						
01	10	40	7			62	61	60	93	20	8
04	7	40	7			60	59	59	97	19	9
07	10	10	6		F	62	61	61	97	20	8
10	9	16	7			68	65	64	87	25	12
13	7	25	8			76	68	63	64	22	10
16	10	70	10		RW	76	67	62	62	24	11
19	5	UNL	10			73	66	62	69	22	5
22	0	UNL	10			64	64	64	100	03	3
					DAY 29						
01	8	100	8			61	61	61	100	12	5
04	8	100	5		F	58	58	58	100	00	0
07	8	100	4		FH	63	63	63	100	20	7
10	10	80	4		H	73	68	66	78	04	3
13	10	80	7			80	67	59	48	35	4
16	10	70	10			82	65	54	38	23	9
19	10	80	10			77	69	64	64	17	4
22	10	100	10			67	66	66	97	00	0
					DAY 30						
01	10	UNL	6		H	66	64	63	90	35	6
04	10	250	8			61	60	59	93	01	3
07	10	UNL	6		H	66	63	61	84	04	5
10	10	UNL	8			75	65	58	56	05	4
13	10	UNL	8			81	65	54	38	11	5
16	10	UNL	8			82	67	57	43	18	8
19	10	250	8			77	69	64	64	18	3
22	10	250	8			69	66	64	84	14	4
					DAY 31						
01	10	100	5		H	68	68	68	100	14	3
04	10	40	4		FH	68	69	69	100	15	4
07	10	250	3		FH	72	71	70	93	21	5
10	10	16	1	8	RW	77	76	76	97	22	6
13	10	45	7		RW	77	76	76	97	20	5
16	10	20	7			81	78	77	88	15	9
19	10	28	7			75	75	75	100	16	8
22	10	50	7		RW	71	71	71	100	18	6

STATION

RICHMOND VA

YEAR & MONTH

79 05

NOTES

CEILING

UNL INDICATES UNLIMITED

WEATHER

* 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

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.

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

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