DECEMBER 1978
TUCSON, ARIZONA
NATIONAL WEATHER SERVICE OFC
INTERNATIONAL AIRPORT

Local Climatological Data

MONTHLY SUMMARY

LATITUDE 32° 07 ′N LONGITUDE 110° 56 ′W ELEVATION (GROUND) 2584 FT. STANDARD TIME USED: MOUNTAIN WBAN #23160

DECEMBER 1978 TUCSON, ARIZONA

DATE	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	AVERAGE DEW POINT	DEGREE DAYS BASE 65° HEATING (SEASON BEGINS WITH JULY 1)	COOLING (SEASON BEGINS WITH JAN. 1)	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 05AM IN.	PRECIPITATION WATER EQUIVALENT IN	SNOW, ICE PELLETS IN.	AVG. STATION PRESSURE IN. ELEV. 2555 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	PERCENT OF POSSIBLE	SKY COVER TENTHS SUNRISE TO SUNSET	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	76*	45	61	7	35	4	0		0	0	0	27.19	17	8.7	11.2	18	S	613	100	0	2	1
2	62	38	50	-4	33	15	0		0	0	0	27.18	27	8.5	11.2	26	W	532	87	6	5	2
3	53	32	43	-11	20	22	0		0	0	0	27.44	28	3.5	6.2	18	W	611	100	0	0	3
4	57	29	43	-11	23	22	0		0	0	0	27.47	12	2.5	5.3	8	E	610	100	0	0	4
5	68	36	52	-1	26	13	0		0	0	0	27.12	19	7.9	12.2	24	SW	578	95	2	1	5
6	55	32	44	-9	26	21	0		0	.16	T	27.09	24	7.9	10.8	30	SW	102	17	9	8	6
7	39	25	32	-21	24	33	0		0	T	T	27.36	18	6.6	9.4	15	E	371	61	7	6	7
8	38	20*	29*	-24	17	36	0		0	0	0	27.65	10	2.5	9.5	16	N	578	95	0	0	8
9	45	23	34	-19	15	31	0		0	0	0	27.64	11	5.6	6.3	17	SE	606	100	0	0	9
10	56	30	43	-10	19	22	0		0	0	0	27.47	12	13.5	13.7	26	SE	580	96	0	0	10
11	63	45	54	2	19	11	0		0	0	0	27.55	12	19.6	19.8	29	SE	605	100	0	0	11
12	67	41	54	2	26	11	0		0	0	0	27.54	12	8.8	10.1	22	SE	558	92	9	6	12
13	67	46	57	5	31	8	0		0	0	0	27.56	12	12.6	13.4	25	SE	296	49	10	10	13
14	71	47	59	7	32	6	0		0	0	0	27.52	12	8.0	9.4	23	SE	604	100	2	4	14
15	72	43	58	6	38	7	0		0	0	0	27.40	18	1.4	4.9	12	SE	508	84	8	8	15
16	73	49	61*	9	42	4	0		0	0	0	27.43	14	4.8	5.5	10	S	452	75	10	10	16
17	63	54	59	7	50	6	0		0	.33	0	27.39	14	6.8	8.9	17	S	0	0	10	10	17
18	64	56	60	9	52	5	0		0	.67	0	27.29	17	7.6	9.1	22	SW	0	0	10	10	18
19	60	44	52	1	43	13	0		0	.10	0	27.29	25	10.0	11.4	26	SW	365	61	10	10	19
20	51	38	45	-6	32	20	0		0	.01	0	27.53	31	5.0	5.2	11	N	582	97	0	2	20
21	59	32	46	-5	31	19	0		0	0	0	27.47	32	1.1	4.9	11	N	557	93	7	4	21
22	62	35	49	-2	31	16	0		0	0	0	27.36	16	1.8	6.3	10	S	602	100	6	5	22
23	62	36	49	-2	31	16	0		0	0	0	27.39	16	2.9	6.0	11	NW	603	100	0	0	23
24	63	35	49	-2	29	16	0		0	0	0	27.40	15	2.5	4.3	11	SE	603	100	0	0	24
25	64	36	50	-1	29	15	0		0	0	0	27.31	15	2.9	7.5	11	SE	601	100	4	1	25
26	69	37	53	2	28	12	0		0	0	0	27.35	15	5.2	7.5	12	N	603	100	0	0	26
27	68	39	54	3	36	11	0		0	0	0	27.31	14	4.2	7.8	14	S	487	81	6	5	27
28	63	43	53	2	40	12	0		0	0	0	27.22	16	3.7	6.0	12	S	392	65	10	9	28
29	60	47	54	3	44	11	0	1	0	.21	0	27.24	36	1.2	4.9	9	NW	224	37	10	10	29
30	52	48	50	-1	47	15	0	1	0	1.07	0	27.21	33	2.4	4.2	13	NW	64	11	10	10	30
31	57	39	48	-3	39	17	0		0	.18	0	27.35	27	7.7	8.2	19	W	434	72	5	5	31
	SUM	SUM				TOTAL	TOTAL			TOTAL	TOTAL		FOR THE MONTH:					TOTAL	%	SUM	SUM	
	1879	1200				470	0	NUMBER OF DAYS		2.73	T	27.38	16	3.3	8.4	30	SW	14321	FOR	151	141	
	AVG.	AVG.	AVG.	DEP.	AVG.	DEP.	DEP.	PRECIPITATION		DEP.						DATE: 06		POSSIBLE	MONTH	AVG.	AVG.	
	60.6	38.7	49.7	-2.3	32	0	0	>.01 INCH	8	1.79								18764	76	4.9	4.5	

NUMBER OF DAYS				SEASON TO DATE TOTAL	TOTAL	SNOW, ICE PELLETS		GREATEST IN 24 HOURS AND DATES			GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE
MAXIMUM TEMP.		MINIMUM TEMP.						PRECIPITATION	SNOW, ICE PELLETS		
≥ 90°	≤ 32°	≤ 32°	≤ 0°	DEP.	DEP.	HEAVY FOG	0	1.07	30	T 6- 7	0
0	0	8	0	45	370	CLEAR 13	PARTLY CLOUDY 7	CLOUDY 11			

* 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	WET BULB °F	DEW PT. °F	RELATIVE HUMIDITY %	WIND SPEED M.P.H.	RESULTANT WIND DIRECTION	SPEED M.P.H.
02	5	27.38	45	39	32	64	7.3	16	5.3
05	4	27.36	44	39	32	66	8.3	15	6.6
08	4	27.39	43	38	33	70	8.2	14	5.9
11	5	27.42	52	43	31	48	8.5	15	3.3
14	5	27.35	58	45	30	37	8.7	27	2.2
17	5	27.35	58	46	32	41	9.6	29	1.5
20	4	27.38	50	42	33	55	7.5	16	2.3
23	5	27.39	46	40	33	64	8.2	15	5.3

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

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Daniel B. Mitchell
DIRECTOR, NATIONAL CLIMATIC CENTER

USCOMM--NOAA--ASHEVILLE 01/25/79 450

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											
02	0	UNL	30			48	44	39	71	14	7
05	0	UNL	30			47	42	37	68	11	9
08	0	UNL	60			47	42	37	68	13	13
11	0	UNL	60			65	50	36	34	15	10
14	0	UNL	60			75	53	31	20	20	12
17	0	UNL	60			72	52	32	23	21	10
20	0	UNL	30			64	49	35	34	19	5
23	10	160	30			63	48	33	33	22	12
DAY 02											
02	8	160	30			61	47	32	34	22	14
05	5	UNL	30			55	48	41	58	21	13
08	1	UNL	50			52	46	41	66	00	0
11	10	250	60			54	44	31	42	27	15
14	8	65	60			54	44	32	43	30	12
17	0	UNL	60			54	44	30	40	30	14
20	0	UNL	30			47	38	26	44	33	7
23	0	UNL	30			41	35	27	58	23	3
DAY 03											
02	0	UNL	30			39	34	26	60	00	0
05	0	UNL	30			34	30	25	70	00	0
08	0	UNL	60			32	30	26	79	16	4
11	0	UNL	60			47	37	21	36	25	5
14	0	UNL	60			53	38	12	19	28	11
17	0	UNL	60			50	37	13	23	32	14
20	0	UNL	30			46	35	16	30	34	4
23	0	UNL	30			35	30	21	57	17	5
DAY 04											
02	0	UNL	30			33	29	22	64	13	5
05	0	UNL	30			33	29	23	67	13	6
08	0	UNL	60			34	30	25	70	16	6
11	0	UNL	60			49	37	18	29	04	4
14	0	UNL	60			54	40	18	24	36	4
17	0	UNL	60			56	41	19	23	28	3
20	0	UNL	30			47	39	28	48	06	3
23	0	UNL	30			40	35	28	62	16	6
DAY 05											
02	0	UNL	30			37	33	28	70	13	6
05	0	UNL	30			40	34	26	57	14	10
08	0	UNL	50			40	34	26	57	12	10
11	0	UNL	60			58	43	24	27	15	4
14	3	UNL	60			67	48	28	23	29	10
17	2	UNL	60			65	47	27	24	22	12
20	2	UNL	30			58	43	23	26	22	15
23	0	UNL	30			55	42	24	30	21	18
DAY 06											
02	10	46	30			53	42	30	41	22	16
05	8	55	30			52	45	38	59	22	24
08	10	7	7		RW	37	36	34	89	32	9
11	10	46	10		SW	37	34	31	78	31	7
14	9	200	30			38	32	20	48	24	5
17	8	55	30			42	33	16	35	22	6
20	2	UNL	30			34	29	19	54	23	5
23	10	55	30			34	29	19	54	02	3
DAY 07											
02	10	46	20			35	28	13	40	16	13
05	10	90	20			31	29	26	82	16	6
08	10	26	30			32	30	25	75	20	4
11	10	38	30			31	29	25	78	18	7
14	5	UNL	60			38	32	22	53	24	12
17	1	UNL	60			38	36	32	76	24	7
20	1	UNL	30			31	31	29	92	12	8
23	3	UNL	30			26	24	18	72	12	8
DAY 08											
02	0	UNL	30			25	23	17	72	16	5
05	0	UNL	30			22	20	15	74	16	8
08	0	UNL	50			20	19	13	74	15	7
11	0	UNL	50			30	27	18	61	31	3
14	0	UNL	60			37	31	21	52	34	10
17	0	UNL	60			38	36	34	86	34	10
20	0	UNL	30			31	25	08	37	08	15
23	0	UNL	30			28	23	10	47	15	8
DAY 09											
02	0	UNL	30			23	20	09	55	00	0
05	0	UNL	30			25	22	13	60	11	4
08	0	UNL	50			25	21	09	50	09	6
11	0	UNL	60			34	27	14	44	35	3
14	0	UNL	60			43	32	09	25	00	0
17	0	UNL	60			43	33	13	29	12	11
20	0	UNL	30			37	31	20	50	12	8
23	4	UNL	30			37	36	34	89	12	12
DAY 10											
02	2	UNL	30			38	34	27	65	12	11
05	0	UNL	30			39	31	18	43	14	10
08	0	UNL	60			38	37	35	86	11	15
11	0	UNL	60			49	35	09	20	12	14
14	0	UNL	60			54	40	17	23	11	7
17	0	UNL	60			54	40	18	24	11	10
20	0	UNL	30			47	36	16	29	11	10
23	0	UNL	30			47	35	15	28	11	18
DAY 11											
02	0	UNL	30			47	35	15	28	12	16
05	0	UNL	30			47	35	16	29	09	10
08	0	UNL	60			47	36	18	29	12	17
11	0	UNL	60			57	41	17	21	11	24
14	0	UNL	60			62	45	23	22	12	18
17	0	UNL	60			60	43	21	22	12	20
20	0	UNL	30			52	40	22	31	12	15
23	0	UNL	30			51	39	22	32	12	18
DAY 12											
02	0	UNL	30			48	38	22	36	13	10
05	0	UNL	30			47	37	20	34	12	13
08	4	UNL	60			43	35	23	45	16	9
11	10	250	55			56	42	23	28	12	11
14	10	UNL	50			64	47	27	25	11	10
17	10	UNL	60			65	48	31	28	02	4
20	10	250	30			56	44	30	37	09	5
23	8	UNL	30			49	41	32	52	15	8
DAY 13											
02	9	UNL	30			52	42	30	43	16	6
05	10	200	30			50	42	32	50	12	9
08	10	110	55			52	42	31	45	18	7
11	10	110	50			59	47	34	39	14	9
14	10	90	60			67	50	33	28	12	12
17	10	80	60			65	48	31	28	12	18
20	9	85	30			59	45	28	32	11	14
23	8	85	30			58	44	28	33	11	18
DAY 14											
02	10	90	30			56	43	28	34	12	15
05	0	UNL	30			55	43	28	36	12	17
08	0	UNL	50			51	42	31	46	12	8
11	0	UNL	50			62	47	30	30	10	9
14	1	UNL	60			69	51	34	28	00	0
17	10	UNL	60			69	51	34	28	33	4
20	10	UNL	30			59	47	35	41	11	6
23	7	UNL	30			50	43	36	58	16	6
DAY 15											
02	4	UNL	30			47	42	37	68	00	0
05	10	UNL	30			45	41	36	71	13	6
08	7	UNL	60			44	40	36	74	15	7
11	10	UNL	60			62	50	39	43	17	4
14	3	UNL	60			70	53	38	31	32	5
17	10	250	60			68	53	40	36	32	7
20	10	250	30			57	48	40	53	20	5
23	10	250	30			55	47	40	57	00	0
DAY 16											
02	10	UNL	30			50	46	41	71	16	5
05	10	120	30			50	46	42	74	15	3
08	10	UNL	30			51	46	41	69	13	7
11	10	UNL	60			65	53	43	45	16	7
14	10	250	60			72	54	40	31	14	6
17	10	250	60			70	54	42	36	08	5
20	10	250	20			61	52	45	56	00	0
23	10	250	30			54	49	44	68	18	5
DAY 17											
02	10	65	30			56	49	43	62	16	5
05	10	55	30			61	50	41	48	12	12
08	10	40	20			56	53	50	80	05	4
11	10	20	15		RW	56	53	51	83	11	8
14	10	20	30		R	59	56	54	84	04	4
17	10	25	7		R	62	56	53	73	13	6
20	10	35	30			61	57	55	81	17	13
23	10	65	30			63	57	54	73	18	10
DAY 18											
02	10	38	30			61	57	54	78	00	0
05	10	38	30			63	57	52	68	18	13
08	10	32	20		R	62	58	55	78	19	11
11	10	42	4		R	56	54	53	90	08	6
14	10	65	7		R	58	54	52	81	18	7
17	10	65	8		R	56	53	50	80	17	13
20	10	75	20			57	53	51	80	13	4
23	10	90	20			57	54	51	80	21	9
DAY 19											
02	10	140	30			58	54	51	78	21	9
05	10	120	30			57	52	49	75	23	5
08	10	120	60			56	52	48	75	29	7
11	10	UNL	60			58	49	41	53	24	16
14	10	UNL	50			57	47	36	46	25	18
17	10	38	40			54	45	35	48	28	11
20	10	25	7		RW	47	44	41	80	25	10
23	10	35	15			44	42	39	83	36	3
DAY 20											
02	10	42	10		RW	45	42	39	80	28	4
05	8	75	20			43	39	35	73	30	8
08	0	UNL	60			40	37	34	79	00	0
11	1	UNL	60			46	39	31	56	34	3
14	0	UNL	55			50	40	25	38	33	5
17	0	UNL	50			51	41	28	41	31	8
20	0	UNL	30			45	39	32	60	31	8
23	0	UNL	30			40	36	32	73	00	0
DAY 21											
02	0	UNL	30			38	35	31	76	22	4
05	0	UNL	30			37	34	30	76	00	0
08	0	UNL	60			34	31	28	79	00	0
11	0	UNL	60			47	39	30	52	12	4
14	9	UNL	50			58	44	27	31	36	8
17	10	UNL	60			56	45	31	39	33	7
20	5	UNL	30			47	42	36	66	27	5
23	0	UNL	30			40	37	34	79	14	5
DAY 22											
02	6	UNL	30			38	35	32	79	15	6
05	2	UNL	30			36	33	30	79	15	7
08	1	UNL	50			37	34	29	73	14	7
11	8	180	60			54	42	27	35	18	4
14	7	UNL	60			59	45	27	29	33	5
17	6	UNL	50			59	47	34	39	33	7
20	5	UNL	30			50	43	36	59	29	4
23	3	UNL	30			40	38	35	82	14	4
DAY 23											
02	0	UNL	30			40	37	33	76	11	5
05	0	UNL	30			38	35	32	79	16	7
08	0	UNL	40			37	34	30	76	16	6
11	0	UNL	50			54	44	33	45	00	0
14	0	UNL	50			61	45	24	24	26	7
17	0	UNL	50			60	46	30	32	36	6
20	0	UNL	30			46	41	35	66	17	6
23	0	UNL	30			42	38	33	71	14	5
DAY 24											
02	0	UNL	30			37	34	31	79	00	0
05	0	UNL	30			35	33	29	79	14	6
08	0	UNL	50			37	33	29	73	12	8
11	0	UNL	60			50	41	28	44	17	7
14	0	UNL	60			61	45	23	23	00	0
17	0	UNL	60			61	44	22	22	34	5
20	0	UNL	30			49	42	33	54	00	0
23	0	UNL	30			39	36	32	76	19	4
DAY 25											
02	0	UNL	30			38	34	29	70	12	7
05	0	UNL	30			39	34	27	62	14	10
08	2	UNL	30			38	33	26	62	14	9
11	2	UNL	60			54	41	25	33	22	7
14	7	UNL	50			61	45	24	24	31	6
17	0	UNL	60			62	47	33	34	33	7
20	0	UNL	30			50	42	33	52	00	0
23	0	UNL	30			39	36	31	73	14	6
DAY 26											
02	0	UNL	30			40	35	28	62	14	6
05	0	UNL	30			40	34	26	57	11	7
08	0	UNL	60			39	34	26	60	14	9
11	0	UNL	60			58	43	24	27	17	8
14	0	UNL	60			67	47	21	17	16	3
17	0	UNL	60			66	48	28	24	30	6
20	0	UNL	30			49	43	36	61	19	7
23	0	UNL	30			45	40	35	68	12	6
DAY 27											
02	0	UNL	30			43	38	32	65	13	5
05	0	UNL	30			42	37	31	65	12	9
08	4	UNL	60			43	38	32	65	14	11
11	9	UNL	60			58	46	35	42	12	7
14	5	55	60			66	52	39	37	32	7
17	3	UNL	60			66	51	38	36	25	7
20	10	UNL	30			53	47	40	62	15	4
23	8	55	30			49	45	41	74	15	4
DAY 28											
02	2	UNL	30			47	44	41	80	16	6
05	7	UNL	30			45	43	40	83	14	7
08	10	250	50			46	43	39	77	12	8
11	10	UNL	50			58	49	42	55	12	5
14	10	250	40			62	50	38	41	21	6
17	10	150	40			61	49	38	43	22	6
20	10	46	30			57	47	38	49	00	0
23	10	46	30			55	49	43	64	34	4
DAY 29											
02	10	50	30			54	47	41	62	24	5
05	10	55	30			49	46	42	77	13	5
08	10	40	50			49	46	42	77	11	4
11	10	46	40			57	49	43	60	36	4
14	10	50	45			59	50	41	51	01	6
17	10	50	20		RW	56	51	47	72	02	3
20	10	28	10		RW	53	51	49	86	28	4
23	10	50	5		RF	52	50	49	90	32	3
DAY 30											
02	10	2	1	8	RF	50	49	48	93	25	4
05	10	30	7			49	48	47	93	02	3
08	10	5	1	8	RF	50	49	48	93	00	0
11	10	5	7		R	50	48	47	88	32	4
14	10	7	8		R	51	49	47	86	36	5
17	10	12	4		RWF	51	49	47	86	06	4
20	10	45	5		R	49	48	46	89	33	6
23	10	38	30			49	47	46	89	24	3
DAY 31											
02	10	50	15		R	48	47	45	89	23	3
05	10	38	10		R	48	46	44	86	25	4
08	10	4	7		R	48	46	45	89	25	7
11	9	20	10			52	48	45	77	28	9
14	3	UNL	50			56	45	34	44	26	12
17	0	UNL	50			54	43	31	42	30	9
20	0	UNL	30			48	41	34	59	28	7
23	0	UNL	30			43	38	33	68	25	6

STATION

TUCSON ARIZONA

YEAR & MONTH

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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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