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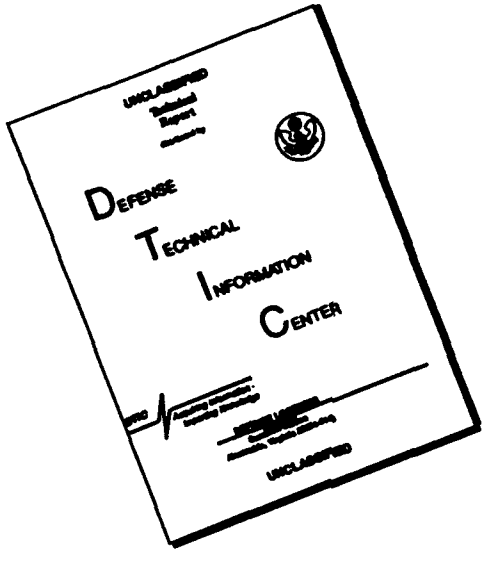

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LOCATION	LAT/LONG (TYPE)	FLD ELEV (FT)	SALE PRICE	REMARKS
[illegible]	[illegible]	[illegible]	[illegible]	

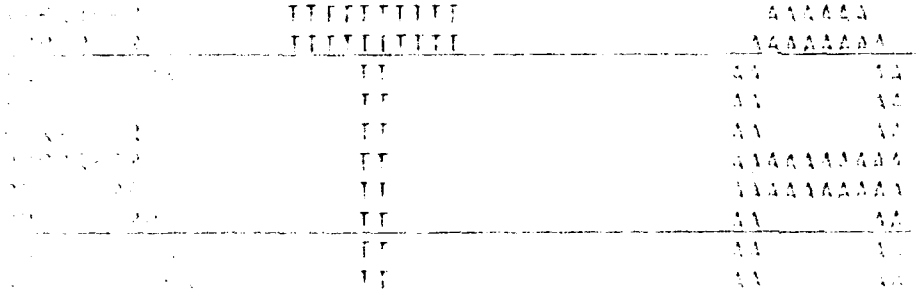
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]							
[illegible]							
[illegible]							
[illegible]							

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]			
[illegible]			
[illegible]			

A



PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA [illegible]

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, [illegible]

LIQUID PRECIPITATION: RAIN OR [illegible]

FREEZING PRECIPITATION: FREEZING RAIN OR [illegible]

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SNOW GRAINS, ICE PELLETS. IN JANUARY 1964, SNOW PELLETS [illegible]

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL [illegible] MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED. IN THE TABULATION OF PRECIPITATION DATA IN THE INDIVIDUAL CATEGORIES, IT MAY BE IN THIS CATEGORY.

FOG: INCLUDES ALL [illegible]

SMOKE AND/OR HAZE: SMOKE, HAZE, OR [illegible]

BLOWING SNOW: ALL REPORTS OF [illegible]

DUST AND/OR SAND: DUST, SAND, [illegible]

BLOWING SPRAY: THE WORD DESCRIPTION OF VISIBILITY MAY BE SPRAY, IF AVAILABLE.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF TWO OR MORE OBSTRUCTIONS REPORTED IN THE SAME OBSERVATION, THE SUM OF THE INDIVIDUAL CATEGORIES MAY EXCEED THE OCCURRENCES IN THIS CATEGORY.

SUPPLEMENTAL PHENOMENA--PERCENT OCCURRENCE TABLES ARE. THESE TABLES GIVE THE PERCENT OCCURRENCE FOR EACH HOUR OF THE DAY (PST) FOR EACH STATION. THE DATA WAS TABULATED FROM HOURLY OBSERVATIONS TAKEN AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS AND THEIR TOTALS (
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

A

PART A

SYNOPTIC SUMMARIES

ATMOSPHERIC PHENOMENA I. CATEGORY 3 AS FOLLOWS:

.D OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

.P 3 SLEET FALLING TO THE GROUND BUT NOT FREEZING.

.ZING RAIN OR FREEZING DRIZZLE (GLAZE).

., SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE
.D PELLETS REGARDLESS OF SMALL HAIL.

.IL.

.ALL OBSERVATIONS OF FROZEN PRECIPITATION. CASES
IPITATION MAY BE INCLUDED IN THE SAME OBSERVATION,
.E INDIVIDUAL CATEGORY 3 MAY INCLUDE THE PRECIPITATION

.ORM AS FOR A.1.a.(1).(a).

.NCE OF OBSERVATIONS OF THE TYPE.

.OF THE TYPES GIVEN, INCLUDING SMOKING SKIN, WHEN REPORTED.

.ATION OF THE TYPE, NUMBER OF CASES OF COMMENCEMENT OF THE

.DESCRIBING IN VISIBLE CATEGORY A ACCIDENTS FOR FLYING

.: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS
.. OF THE TYPE GIVEN. THE OBSTRUCTION TO VISION MAY
.ATION, THE SUM OF THE OBSERVATIONS IN THE INDIVIDUAL
.D STATIONS IN THIS CATEGORY.

.OWING FIELD MAY.

.NT TOTAL NUMBER OF DAY (HOUR) OF THE ATMOSPHERIC PHENOMENA
.. OF THE DAILY OBSERVATIONS TAKEN, AND IS SUMMARIZED AS

.N THE PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

.ALL HOURS OBSERVED).

.ALL HOURS COMBINED).

D

SPECIFIED PHENOMENA--PERCENT OCCURRENCE ACCURACY (POA).
THIS TABLE IS THE ONLY ONE IN PART A THAT IS [illegible]
DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS

THUNDERSTORMS--PERCENT OCCURRENCE ACCURACY.
THIS TABLE GIVES THE PERCENT OCCURRENCE ACCURACY FOR THUNDERSTORMS
THE HOURLY OBSERVATION. DATA IS SUMMARIZED [illegible]

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE ACCURACY
THESE TABLES INCLUDE SUMMARY OF DATA FOR ALL [illegible]
DIRECTION CATEGORIES ARE AS SPECIFIED BY [illegible]

NOTE 1: A PORTION PRACTICE HAVE BEEN [illegible]
RECORD (UNLESS ITEMS 10/10A) AND TRANSMIT HOURLY ONLY FOR
SPECIFIC PHENOMENA THAT AFFECT VISIBILITY. [illegible]
JANUARY 1965, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY.
STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT
CONTINUED TO TRANSMIT ONLY THE PRESENT WEATHER. FOR EXAMPLE,
WEATHER INCLUDED RAIN, FOG AND HAZE, ONLY THE [illegible]
END OF PRECIPITATION, THE OBSERVER WOULD ONLY [illegible]
DATA-FILE, THE INSTRUCTION TO VISUAL (AND [illegible]
SUMMARIES FOR 1 JAN 1965 SYNOPTIC STATIONS [illegible]

NOTE 2: [illegible] METAR REPORTING STATIONS [illegible]
VISIBILITIES NOTED IN [illegible]

NOTE 3: A VALUE OF "0.0" IN ANY SUMMARY [illegible]
ASSOCIATED AMOUNT IS LESS THAN 0.05 PERCENT.

...URRENCE FREQUENCY (105).
...PART A THAT IS PRODUCED FROM SUMMARY OF DAY
...NTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

...ENCY.
...OCCURRENCE FREQUENCY OF THUNDER-STORMS REPORTED AT
...IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

...TION--PERCENT OCCURRENCE FREQUENCY.
...OF DATA - ALL HOURS AND YEARS COMBINED. METH
...SPECIFIED BY THE LOCAL WEATHER STATION.

...VE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATI
...) AND TRANSMIT ONLY THE HIGHEST ORDER ATMOS-
...N VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN
...STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1972, METAR
...ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT
...THE HIGHEST ORDER. FOR EXAMPLE, IF THE REPORTED VIS-
...WAS HAZE, ONLY THAT DATUM WAS TRANSMITTED. BECAUSE OF
...THE METAR CODE ONLY GAVE ONLY RAIN AS AN OBSTRUCTION
...VISION (AND FOR ALL BUT FOG, PRECIPITATION)
...THESE TABLES ARE ONLY ACCURATE.

...STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO
...THOSE DATA.

...SHOWN (WHERE SET TO ZERO) IF OCCURRENCES THAT, IN
...ACCURACY.

OPERATIONAL LOCALIZED "AM" — PERCENTAGE FREQUENCY OF OCCURRENCE BY HOURS (LST) AND ...

JSAFB/TAC, SCHEVILLE, SC

STATION NUMBER: 72... STATION NAME: PLAS... ...

LST TO UTC: + 5 ...

HOURS (LST)	ESTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	...	...	...
00-02		4.3	.3	7.4		12.3	7.6	1.6	.3
03-05		3.4	1.0	5.4		12.1	4.7	1.3	.3
06-08		2.3	1.3	10.2		14.1	10.1	.7	.1
09-11		3.3	.3	11.7		15.3	9.1	3.3	.1
12-14		4.3	1.3	12.5		15.7	4.9	1.7	.1
15-17		4.7	1.2	11.1		16.1	4.1	1.1	.3
18-20		3.2	1.4	9.2		13.7	3.9	1.7	.3
21-23		4.1	1.3	9.3		14.4	5.3	1.1	.1
ALL HOURS		3.7	1.2	9.7		13.7	6.1	1.3	.3

...

HOURS	ESTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	...	...	...
00-02		7.3	2.0	7.7		16.7	13.3	1.3	.3
03-05		6.5	1.4	.4		12.4	14.7	1.1	.3
06-08		7.5	1.5	9.0		14.7	14.1	2.4	.1
09-11		7.7	.7	10.0		14.4	12.1	1.3	1.1
12-14		7.1	.5	7.9		15.5	10.2	1.1	.3
15-17		8.1	.4	8.4		17.3	15.4	1.1	.7
18-20	.1	6.4	1.1	7.3		15.7	13.2	.5	1.3
21-23		5.9	1.4	7.4		15.1	12.1	1.5	.3
ALL HOURS	.0	7.3	1.2	8.2		17.2	12.3	1.4	.3

...

A - 2 - 1

[illegible] OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
[illegible]

[illegible] PERIOD OF RECORD: JUL 73 - JUL [illegible]
MONTH: JAN

ALL PRECIP	FOG	SMOKE, HAZE, BLOWING DUST	BLOWING SAND	DUST, SAND STORM	ALL OBST TO VSBY	TOTAL NO. OF OBS
12.3	7.4	1.6	.3	21.4		930
12.[illegible]	[illegible].7	1.[illegible]	.3	23.[illegible]		[illegible]30
14.[illegible]	13.1	[illegible].3	.[illegible]	27.[illegible]		[illegible]30
15.[illegible]	9.1	3.[illegible]	.4	29.4		332
15.7	[illegible].0	[illegible].[illegible]	.[illegible]	2[illegible].4		[illegible]32
12.[illegible]	[illegible].1	1.[illegible]	.4	27.1		[illegible]30
13.[illegible]	[illegible].6	1.7	.3	22.7		350
14.[illegible]	[illegible].3	1.[illegible]	.5	24.[illegible]		[illegible]30
14.7	[illegible].1	[illegible].[illegible]	.5	25.4		7440

MONTH: FEB

15.[illegible]	14.[illegible]	1.[illegible]	.5	32.6		[illegible]43
17.4	14.7	1.[illegible]	.[illegible]	35.[illegible]		[illegible]42
14.[illegible]	14.[illegible]	[illegible].4	.[illegible]	37.[illegible]		[illegible]41
14.4	12.1	1.[illegible]	1.3	33.7		[illegible]43
16.[illegible]	10.[illegible]	1.[illegible]	.7	27.[illegible]		[illegible]49
17.[illegible]	13.4	1.5	.7	30.5		[illegible]48
15.7	13.2	.[illegible]	1.[illegible]	32.[illegible]		[illegible]43
15.	12.5	1.3	.7	30.4		349
17.2	12.[illegible]	1.[illegible]	.9	32.[illegible]		[illegible]732

OPERATING LOCATION: RAW — PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS WEATHER
ASHEVILLE, NC — APR 1948-DEC 1952

STATION NAME: ASHEVILLE NC — STATION NAME: ASHEVILLE NC — [illegible]
LST TO UTC: + 5 — [illegible]

HOURS (LST)	TSTMS	LIGHT PRECIP	MODER PRECIP	FREEZ PRECIP	HAIL	ALL PHENOM	FOG	SMOKE HAZE	BLOWING SNOW
00-02		12.8	1.3	7.3		13.7	14.5	1.7	.2
03-05	.1	11.2	1.3	5.9		13.3	15.9	1.7	
06-08		11.7	1.1	7.1		13.3	17.7	2.1	
09-11		9.2	.1	7.2		12.2	13.8	2.1	
12-14		13.9	.2	5.2		17.1	11.3	1.7	
15-17		11.8	.2	4.2		16.1	12.7	1.9	
18-20	.1	12.2	1.2	5.1		13.2	14.4	1.7	.1
21-23	.1	12.9	1.1	5.5		13.7	13.1	1.1	
ALL HOURS	.2	11.7	.9	6.2		13.7	14.2	2.2	.1

HOURS (LST)	TSTMS	LIGHT PRECIP	MODER PRECIP	FREEZ PRECIP	HAIL	ALL PHENOM	FOG	SMOKE HAZE	BLOWING SNOW
00-02	.1	14.7	.8	1.2		17.7	17.8	2.3	.7
03-05		14.1	.1	2.1		21.3	22.4	1.4	.7
06-08		14.7		2.7		19.4	23.2	3.1	.7
09-11	.2	15.1		1.6		15.9	15.2	3.7	.4
12-14	.1	14.9		1.5		15.1	11.2	2.5	.3
15-17	.3	14.3		.7		15.6	9.3	2.4	.1
18-20	.2	14.6		1.1		17.7	14.2	2.4	.7
21-23	.1	15.5		1.4		13.2	15.5	2.3	.3
ALL HOURS	.1	14.6	.1	1.6		18.2	17.0	2.7	.5

[illegible] OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
[illegible] SUPPLY [illegible] SCOTT AFB

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR

	FOG	BLOWING SAND	BLOWING SNOW	DUST/SAND STORM	ALL OBST TO VSBY	TOTAL OBS
[illegible]	19.3	1.7	.1		36.1	93[illegible]
[illegible]	15.9	2.[illegible]			37.9	93[illegible]
[illegible]	17.7	2.[illegible]			40.6	93[illegible]
[illegible]	13.9	2.6			34.7	93[illegible]
[illegible]	12.0	2.[illegible]			33.5	93[illegible]
[illegible]	12.7	[illegible]			37.9	[illegible]
[illegible]	14.4	1.7	.1		35.2	[illegible]
[illegible]	13.[illegible]	1.[illegible]			34.1	93[illegible]
[illegible]	16.2	2.2	.[illegible]		36.9	744[illegible]

PERIOD OF RECORD: [illegible]
MONTH: [illegible]

[illegible]	17.[illegible]	[illegible].[illegible]	.[illegible]	41.3	4[illegible]
[illegible]	[illegible].4	1.4	.7	42.7	9[illegible]
[illegible]	25.[illegible]	3.[illegible]	.[illegible]	44.3	9[illegible]
[illegible]	17.2	3.[illegible]	.4	39.[illegible]	4[illegible]
[illegible]	11.[illegible]	[illegible].[illegible]	.3	33.6	4[illegible]
[illegible]	[illegible].[illegible]	.4	.5	39.4	4[illegible]
[illegible]	14.[illegible]	2.[illegible]	.7	37.3	9[illegible]
[illegible]	14.[illegible]	2.3	.3	39.4	9[illegible]
[illegible]	17.[illegible]	2.7	.[illegible]	3[illegible].4	7233

[illegible] - [illegible] -

b

OPERATIONAL LOCATION: "A"

USAFETAC, ASH WILL [illegible]

STATION NUMBER: 72[illegible] STATION NAME: CLASS A [illegible]

LST TO UTC: + [illegible]

HOURS (LST)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
00-02		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
03-05		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
06-08		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
09-11	.1	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
12-14	.3	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
15-17	.1	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
18-20	.2	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	.1	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]

00-02	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
03-05	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
06-08	.1	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
09-11	.4	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
12-14	.3	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
15-17	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
18-20	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]

...L FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

...ATION: ... PERIOD OF RECORD: JUL 79 - JUL ...
MONTH: JUL

...	ALL PRECIP	FOG	SMOKE, HAZE, DUST, SAND	BLOWING SNOW	DUST, ASH, SAND, SNOW	ALL OBST TO VSN	TOTAL OBS
	3.1	24.3	7.2		33.9		930
	3.3	31.5	3..		43.3		930
	7.5	2...	12.4		43.5		93...
	7..	1...5	12.3		35.2		9...
	7.4	7.5	12.1		27.1		93...
	3.4	3.9	12.7		31.3		9...
	11.3	1...1	13.1		32.5		93...
	3.	2...9	3.5		32.9		9...
	...3	12.5	11.1		33.1		744...
MONTH: AUG							
	3.1	33.9	7.2		33.4		9...
	3.	37.9	5.7		42.7		93...
	2.9	37.9	.5		40.3		93
	...1	15.2	2.9		31.3		930
	7.3	9.4	10.5		26.9		930
	...2	.5	11.9		27.6		93...
	2.	12.4	11.9		29.8		930
	...9	16.6	3.9		33.7		930
	3.3	17.5	3.9		34.5		744...

...1 - 3 - ...

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF HOURS WITH PRECIPITATION
FROM JULY [illegible]

STATION NUMBER: 72[illegible] STATION NAME: [illegible]
LST TO UTC: + 5

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	SNOW PRECIP	HAIL	ALL PRECIP	FOG	SNOW & ICE ON GND	RESTRICTIONS
00-02	.2	3.7				3.7	13.3	2.2	
03-05	.3	10.4				10.4	22.7	4.1	
06-08		13.2				13.2	35.7	5.2	
09-11	.1	7.4				7.4	12.2	3.4	
12-14		7.1				7.1	.3	3.3	
15-17		3.7				3.7	.3	.4	
18-20	.7	3.7				3.7	13.7	3.1	
21-23	1.3	1[illegible].2				1[illegible].2	17.3	3.7	
ALL HOURS	.3	7.1				7.1	16.4	3.3	

[illegible]

00-02	.1	1[illegible].3				1[illegible].4	[illegible].3	1.1	
03-05		1[illegible].1				1[illegible].1	[illegible].4	1.7	
06-08		11.2				11.2	[illegible].1	2.4	
09-11		9.4		.2		9.6	14.9	3.2	
12-14	.3	9.3		.5		10.4	9.0	1.7	
15-17	.3	10.8		.4		11.2	8.2	1.2	
18-20	.6	12.9		.4		13.4	13.1	1.2	
21-23	.1	11.8		.3		11.9	17.5	1.3	
ALL HOURS	.2	10.1		.3		11.0	10.7	1.4	

FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 74 - JUN [illegible]
MONTH: SEP

ALL [illegible]	FOG	SMOKE A/D HAZE	BLOWING SNOW	DUST S/STR SAND	ALL DUST T-STORMS	TOTAL NO. OF OBS
8.7	13.3	2.2		31.8		270
10.0	22.7	4.1		37.2		300
12.2	25.6	5.2		40.1		300
7.4	12.2	4.6		24.2		300
7.1	4.3	3.2		13.7		300
4.7	4.3	4.7		22.2		300
8.7	13.7	3.1		27.4		300
10.2	17.3	3.7		31.7		300
8.1	15.2	3.2		33.3	7200	

[illegible] MONTH: OCT

[illegible]	[illegible]	1.1		31.6	930
10.1	[illegible]	1.7		35.3	930
11.2	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	14.[illegible]	3.2		27.4	930
10.[illegible]	[illegible]	1.7		21.7	930
11.2	[illegible]	1.2		26.2	930
10.[illegible]	13.1	1.0		27.6	930
11.[illegible]	17.6	1.3		30.6	930
11.[illegible]	16.7	1.[illegible]		29.5	7440

OPERATIONAL LOCATION MAP — PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS AT
USAFETAC, ASHEVILLE NC — FOR JANUARY (ALL YEARS)

STATION NUMBER: 723065 — STATION NAME: BASE AFLD NR — LAT
LST IN UTC: + 5 — LONG:

HOURS (LST)	FSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SNOW ICE PLTS	THUNDER STORMS
00-02		12.7	.7	2.4		15.2	15.4	1.1	
03-05		12.1	.5	2.3		14.6	17.1	1.0	
06-08		13.4	.1	1.9		15.4	23.	.3	
09-11		15.3	.7	1.7		17.7	17.7	3.2	
12-14		14.1	.1	1.3		15.4	13.1	1.0	
15-17		13.7		2.9		15.4	12.3	.1	
18-20		11.3	.2	3.3		13.4	13.	2.1	
21-23	.1	11.3	.7	2.2		14.3	14.	1.3	
ALL HOURS	.3	13.1	.4	2.3		15.	15.2	1.3	

HOURS (LST)	FSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SNOW ICE PLTS	THUNDER STORMS
00-02		7.4	.4	4.7		17.3	14.1	.3	
03-05		6.9	.3	4.2		15.3	14.9	.7	
06-08		6.1	1.0	4.9		15.5	12.4	1.3	
09-11		5.9	.9	3.6		13.4	11.3	2.7	.3
12-14		4.3	.5	4.6		14.3	9.9	1.	.3
15-17		5.5	1.0	5.9		13.5	11.3	1.3	
18-20	.1	6.7	1.0	3.5		14.1	13.9	1.3	.1
21-23	.3	6.5	1.2	3.7		14.3	13.3	.7	.1
ALL HOURS	.3	6.3	.8	4.9		15.3	12.9	1.3	.1

FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: NOV

ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL DUST TORNADO	TOTAL OBS
13.3	15.4	1.1			32.3	900
15.[illegible]	17.1	1.[illegible]			33.7	900
15.4	23.[illegible]	2.2			35.4	[illegible]
17.7	17.7	3.2			42.3	900
15.[illegible]	13.1	1.[illegible]			30.2	900
15.[illegible]	12.3	2.1			30.9	[illegible]
15.4	13.[illegible]	2.1			31.3	900
14.[illegible]	14.[illegible]	1.3			30.9	[illegible]
16.[illegible]	15.[illegible]	1.3			33.3	7200

MONTH: DEC

17.[illegible]	14.1	.3		31.9	930
15.[illegible]	14.[illegible]	.[illegible]		31.6	930
[illegible]	13.6	1.2		32.2	93[illegible]
15.4	11.3	2.7	.2	29.6	930
14.[illegible]	[illegible]	1.[illegible]	.3	24.9	930
15.[illegible]	11.[illegible]	1.3		28.7	931
14.1	13.[illegible]	1.3	.1	31.4	930
14.4	13.3	.[illegible]	.1	30.5	930
15.[illegible]	12.9	1.[illegible]	.1	30.1	7440

A - [illegible] - [illegible]

D

PREPARING LOCATION: MAP — PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PH
USAFETAC, ASHEVILLE NC — 5-14 HOURLY OBSERVATIONS

STATION NUMBER: 72305 — STATION NAME: DEAS, AFB, FL — PERIOD OF
LST IN UTC: + 5 — YEARS: 71

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	MIXED	ALL PRECIP	FOG	BLOWING SNOW	SANDSTORM
JAN		3.7	1.2	0.7		14.7	2.1	2.2	.0
FEB	.2	7.1	1.2	0.2		17.2	12.3	1.0	.1
MAR	.1	11.5	.2	0.2		15.8	14.2	2.2	.1
APR	.1	12.5	.1	1.5		13.4	17.2	2.7	.2
MAY	.4	14.5				14.4	19.2	3.4	
JUN	1.2	11.3				12.3	17.1	3.4	
JUL	1.3	5.6				8.3	13.8	11.1	
AUG	.2	.3				8.3	17.4	4.2	
SEP	.1	2.1				4.1	15.2	4.4	
OCT	.2	12.3		.3		11.2	16.7	1.2	
NOV	.2	10.1	.4	2.2		15.1	15.4	1.2	
DEC	.2	5.3	.1	0.1		15.2	12.2	1.1	.1
ANNUAL	.4	10.2	.4	3.1		13.5	15.3	3.5	.2

A - 2 - 1

FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FOR MOSELY FIELD OBSERVATIONS

PERIOD OF RECORD: JUL 72 - JUN 77
HOURS: ALL

ALL PRECIP	FOG	SMOKE HAZE	BLOWING DUST	DUST SAND	ALL THUNDERSTORMS	TOTAL NO. OF OBS
14.7	5.1	2.3	.2	25.4		7443
17.2	12.3	1.4	.2	32.5		6732
15.3	14.2	2.2	.3	34.9		7443
12.4	17.2	2.7	.5	36.4		7200
14.2	14.8	2.8		35.0		7443
12.2	17.4	3.4		33.0		7176
8.3	13.4	11.1		33.1		7443
9.3	17.8	4.2		36.4		7443
9.1	15.2	4.3		29.3		7200
11.2	16.7	1.2		29.5		7443
13.2	13.4	1.2		33.2		7200
13.2	12.2	1.3	.1	33.1		7443
13.2	15.3	3.3	.2	33.1		87667

A - 2 - 1

D

OPERATING LOCATION: MAP — PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHE
USAFETAC, ASHEVILLE NC — FROM SUMMARY OF DAY DATA

STATION NUMBER: 72303 — STATION NAME: PEASE AFB NH
LST TO UTC: +05

MONTH	ISTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	≥4 MI ≥7 MI <4 MI
JAN	.2	23.4	7.5	40.5	.1	63.3	34.2	15.2
FEB	.1	23.4	5.1	38.2		49.5	34.9	11.3
MAR	1.0	33.0	4.2	32.7	.2	70.3	44.3	15.2
APR	3.5	31.4	.5	13.1	.2	53.2	42.3	15.2
MAY	6.3	52.0		.9	.2	62.3	46.2	21.7
JUN	13.2	37.3			.4	53.3	31.3	8.7
JUL	11.5	46.1			.7	46.1	31.2	13.2
AUG	11.2	44.5			.4	44.5	32.1	11.1
SEP	6.4	41.2			.1	41.2	27.	9.1
OCT	2.2	32.5		1.1		33.3	40.3	22.4
NOV	1.2	40.2	2.1	15.1		52.3	41.5	17.1
DEC	.4	31.2	3.5	32.4		54.3	43.2	15.1
ANNUAL	5.4	42.5	2.4	14.3	.2	62.3	44.7	14.7

A

FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM SUMMARY OF DAY DATA

STATION

PERIOD OF RECORD: 5604-6006
MONTH: ALL HOURS: ALL

MAIL	ALL FOG	FOG	SMOKE HAZE	BLOWING SNOW	DUST SAND	ALL DUST	TOTAL NO. OF OBS
.1	43.9	38.3	15.4	4.5		55.4	1022
	49.6	34.4	15.8	5.0		56.7	932
.3	53.9	43.3	15.2	2.4		57.2	1023
.2	53.3	42.2	15.9	.4		59.5	1012
.3	52.8	40.5	21.5			62.3	1054
.4	53.2	31.3	45.2			77.5	1029
.7	46.1	31.1	43.2			63.5	1023
.4	44.5	32.3	44.2			67.1	1026
.1	41.2	37.1	33.4			61.2	930
	39.3	33.3	22.4			57.1	1023
	52.0	43.5	17.2	.3		53.4	990
	54.5	43.2	13.4	3.0		51.4	1023
.2	47.1	44.7	24.7	1.3		61.5	12135

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE FOR ALL OBSERVATIONS

STATION NUMBER: 72305 STATION NAME: PEASE AFB NH [illegible]

LST TO UTC: + 5

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
00-02				.1		1.2	1.3	.3	.
03-05			.1			1.0	.3	.2	.3
06-08						.1	.1	.1	
09-11				.2	.1	.3	.1	.1	.2
12-14				.1	.3	.2	.3	.	
15-17				.3	.3	1.4	3.4	.3	
18-20		.1	.1	.2	1.3	1.2	2.1	1.2	.2
21-23			.1	.1	1.3	1.4	1.3	1.2	1.3
ALL HOURS		.3	.3	.1	.4	1.2	1.2	.3	.2
TOTAL OBS	744	672	744	720	744	720	744	744	720

[illegible] FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JUL [illegible]

[illegible]	JAN	JUL	AUG	SEP	OCT	NOV	DEC
	1.[illegible]	1.0	.5	.[illegible]	.1		
	1.0	.[illegible]	.[illegible]	.3			
	.1	.1	.1				
[illegible]	.[illegible]	.1	.1	.1			
[illegible]	.[illegible]	.[illegible]	.[illegible]		.3		
[illegible]	1.[illegible]	3.[illegible]	[illegible]		.3		
[illegible]	1.[illegible]	[illegible].1	1.[illegible]	.7	.[illegible]		.1
[illegible]	1.[illegible]	1.[illegible]	1.[illegible]	1.[illegible]	.1	.1	.[illegible]
[illegible]	1.[illegible]	1.[illegible]	.[illegible]	.[illegible]	.2	.[illegible]	.
[illegible]	7[illegible]5	7[illegible]	7[illegible]	7[illegible]	7[illegible]	7[illegible]	7[illegible]

OPERATING LOCATION: "A" PERCENTAGE FREQUENCY OF OCCURRENCE
USAFTAC, ASHEVILLE, NC VARIOUS WIND DIRECTIONS AND VARIOUS

STATION NUMBER: 72305 STATION NAME: CHARLOTTE
EST TIME: + 5 YEARS: J

PHENOMENA	CALM	VARIABLE	350 - 010	020 - 170	180 - 340	TOTAL
TSTMS						
LIGHT PRECIP	13.3		17.7	49.1	19.9	
FREEZING PRECIP	14.4		47.8	4.4	4.3	
FROZEN PRECIP	2.9		41.2	2.9	2.9	
FOG	16.7		33.7	14.2	15.3	
FOG WITH VIS OF 1/2 MILES	34.7		21.2	18.1	11.2	
TOTAL OBS	1372	0	810	443	119	

TSTMS			100.0			
LIGHT PRECIP	12.		37.8	29.2	7.	3.
FREEZING PRECIP	13.3		53.3	6.7		1.
FROZEN PRECIP	10.9		44.3	7.7	4.4	3.
FOG	23.5		35.1	14.2	4.	3.
FOG WITH VIS OF 1/2 MILES	15.7		37.2	13.4	4.2	27.
TOTAL OBS	291	0	1113	542	132	291

OVERALL LOCATION MAP	PERCENTAGE FREQUENCY OF OCCURRENCE BY WIND DIRECTION
USAFETAC, AIR WEATHER SERVICE	FOR ALL WIND DIRECTIONS COMBINED

STATION NUMBER: 72520 STATION NAME: PEASE AFB NH

ST ID ICAO: KPSM

PHENOMENA	OBS	VARIABLE	360 - 030	040 - 170	180 - 290	300 -
TSTMS			33.3		33.3	33.
LTGNG PRECIP	3.3		33.3	1...	7.1	1..
FREEZING PRECIP	3.3		33.3	...		1.
SNOW PRECIP	11.1		33.3	11.1	3.2	33.
FOG	11.1		44.4	11.1	..	33.
FOG WITH VIS 1/2 MI OR LESS	1..		47.1	1..	.7	1.
TOTAL OBS	271	0	1425	222	111	22

TSTMS			33.3	33.3	33.3	33.
LTGNG PRECIP	..		33.3	..	..	1.
FREEZING PRECIP				100.0		
SNOW PRECIP	1.7		42.9	4.2		47.
FOG	13.3		47.3	21.3	4..	3.
FOG WITH VIS 1/2 MI OR LESS	11.3		43.3	21.3	3.	3.
TOTAL OBS	271	0	1532	1942	1152	222

[illegible] OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
[illegible] BY MONTHLY WIND VARIANS

[illegible] PERIOD OF RECORD: JUL 77 - JUN [illegible]
MONTH: [illegible] HOURS: ALL

[illegible]	293 - 179	180 - 254	272 - 352	[illegible]	[illegible]
[illegible]		33.3	33.3		3
[illegible]	1..	7.1	10.3		392
[illegible]	1.3		15.9		[illegible]
[illegible]	11.9	4.2	23.8		474
[illegible]	17.2	[illegible]	14.7		1[illegible]7
[illegible]	[illegible]	[illegible]	13.2		[illegible]
[illegible]	972	11.1	2343	[illegible]	7[illegible]

MONTH: [illegible] HOURS: ALL

[illegible]	[illegible]	13.[illegible]	2[illegible]		1[illegible]
[illegible]	[illegible]	[illegible]	14.1		1,3[illegible]
	133.3				[illegible]
[illegible]	[illegible]		47.1		11[illegible]
[illegible]	21.3	[illegible]	[illegible]		121[illegible]
[illegible]	21.2	[illegible]	[illegible]		1114
[illegible]	1[illegible]2	1152	2093	0	72[illegible]

[illegible] - [illegible] -

OPERATING LOCATION "AB" PERCENTAGE FREQUENCY OF OCCURRENCE OF ATMOSPHERIC
USAFETAC, ASHEVILLE NC VERSUS WIND DIRECTION FOR MONTH OF WITH

STATION NUMBER: 72305 STATION NAME: CLASS A 4KM
LST TO UTC: + 5 YEARS:

PHENOMENA	CALM	VARIABLE	320 - 039	040 - 179	180 - 219	220 -
TSTMS	3.7		11.1	37.0	14.8	29.
LIQUID PRECIP	3.7		53.7	19.9	3.2	9.
FREEZING PRECIP						
FRZEN PRECIP						
FOG	17.1		43.2	22.9	4.5	9.
FOG WITH VIS 3C 1/2 MILES	15.7		46.3	22.9	5.8	9.
TOTAL OBS	1132	3	1429	1459	1445	1

YEARS:

TSTMS	11.5		15.3	34.1	23.4	13.
LIQUID PRECIP	3.4		40.0	24.7	7.	11.
FREEZING PRECIP						
FRZEN PRECIP						
FOG	20.6		35.3	23.4	13.3	7.
FOG WITH VIS 0C 1/2 MILES	19.1		39.3	21.3	13.4	7.
TOTAL OBS	1912	0	991	1452	1655	2

A - 5 - 3

A

...QUENCY OF OCCURRENCE OF ATMOSPHERIC PHENOMENA
...ON: HISTORICAL HOURLY OBSERVATIONS

...AFB NM PERIOD OF RECORD: JUL 73 - JUN ...
MONTH: MAY HOURS: ALL

... - 179	180 - 269	270 - 359	... OF OBS
11.1	37.0	14.5	29.6	27
...	13.2	2.9	3.7	1072
...	23.4	6.9	7.2	1...
...	22.2	6.3	6.2	11...
14...	1453	1543	1554	3	744...

MONTH: JUN HOURS: ALL

15.4	24.1	23.9	10.1	...
...	21.4	7....	11.4	...
13.2	20.4	16.3	7.5	1274
...	21.3	15.4	7.3	1175
991	1452	1655	2035	0	7195

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible]
USAFETAC, ASHEVILLE NC — VERSUS WIND DIRECTION, FROM JULY [illegible]

STATION NUMBER: 725253 — STATION NAME: PEASE AFB NH — [illegible]
LST TO UTC: + 5 — [illegible]

PHENOMENA	CALM	VARIABLE	350 - 029	030 - 079	080 - 129	130 - [illegible]
TSTMS	11.6		14.3	17.5	21.3	[illegible]
LIQUID PRECIP	11.6		33.0	35.2	15.7	[illegible]
FREEZING PRECIP						
FROZEN PRECIP						
FOG	27.5		19.3	14.7	17.4	[illegible]
FOG WITH VIS GE 1/2 MILES	24.7		17.3	13.3	7.6	[illegible]
TOTAL OBS	1253	0	287	151	2987	[illegible]

[illegible]

TSTMS	.7		24.4	33.4	27.5	[illegible]
LIQUID PRECIP	13.3		42.4	23.7	13.3	[illegible]
FREEZING PRECIP						
FROZEN PRECIP						
FOG	20.1		25.5	20.2	23.7	11.1
FOG WITH VIS GE 1/2 MILES	15.7		26.3	23.3	24.1	11.1
TOTAL OBS	1339	0	539	1491	1996	191

A - 5 - [illegible]

A

...ENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
...ELECTION, FROM HOURLY OBSERVATIONS

...NS ... PERIOD OF RECORD: JUL 79 - JUN ...
MONTH: JUL HOURS: ALL

...	330 - 179	180 - 229	270 - 329	NO. OF OBS
...	19.6	41.3	23.2	112
...	25.2	15.7	13.0	570
...	14.7	17.5	4.9	1427
...	15.3	23.4	15.1	1...
...	1513	2547	2000	0 7440

MONTH: AUG HOURS: ALL

...	33.4	27.5	8.7	...
...	26.7	13.2	9.5	...
...	20.2	23.2	11.1	1279
...	20.3	24.1	11.0	1130
...	1491	1896	1914	0 7440

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723065 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

PHENOMENA	CALM	VARIABLE	350 - 029	030 - 079	080 - 259	260 - 3
TSTMS	12.5		30.0	14.3	13.	13.
LIQUID PRECIP	10.2		40.1	13.7	12.	13.
FREEZING PRECIP						
FROZEN PRECIP						
FOG	23.0		30.1	17.7	1	.
FOG WITH VIS OF 1/2 MILES	20.7		33.3	17.	16.	.
TOTAL OBS	1317	0	945	1375	1	1

TSTMS			25.5	30.9	7.1	13.
LIQUID PRECIP	13.3		34.0	21.7	9.	1
FREEZING PRECIP						
FROZEN PRECIP			50.0			3
FOG	25.2		24.7	20.	14.	14.
FOG WITH VIS OF 1/2 MILES	22.3		27.3	17.	14.	1
TOTAL OBS	1241	0	109	936	1	247

A - 5 - 5

A

NCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
...ECTION FROM HOURLY OBSERVATIONS

...A PERIOD OF RECORD: JUL 77 - JUN ..
UNIT: SCT HOURS: ALL

	270 - 179	180 - 269	270 - 359	NO. OF OBS
	12.5	12.5	12.5	24
	13.7	12.3	13.5	697
	17.7	13.3	5.7	1139
	17.4	13.3	5.3	1343
	1375	1330	1294	2 7239

MONTH: OCT HOURS: ALL

	20.0	7.1	14.3	14
	11.7	9.9	15.4	539
	5.3		35.0	20
	20.4	14.3	14.3	1241
	17.2	14.3	15.7	1355
	335	1538	2473	3 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC
VERSUS WIND DIRECTION FROM MONTHLY OBSERVATIONS

STATION NUMBER: 725053 STATION NAME: PEASE AFB NH PERIOD:
LST TO UTC: + 5 MONTH:

PHENOMENA	CALM	VARIABLE	360 - 039	040 - 129	130 - 219	220 -
TSTMS			100.0			
LIQUID PRECIP	7.2		37.4	23.2	12.6	17.
FREEZING PRECIP			41.9	5.7		14.
FROZEN PRECIP	11.7		59.1	1.3	2.6	25.
FOG	13.3		29.2	26.8	15.7	14.
FOG WITH VIS OF 1/2 MILES	15.4		30.3	26.3	15.2	14.
TOTAL OBS	73	0	1044	723	171	2

MONTH:

TSTMS				100.0		
LIQUID PRECIP	12.9		53.5	20.9	11.9	1 .
FREEZING PRECIP	31.0		29.0	1.6		3 .
FROZEN PRECIP	19.7		39.7	9.9	11.7	3 .
FOG	30.3		20.6	13.6	15.6	1 .
FOG WITH VIS OF 1/2 MILES	29.1		21.7	13.3	15.9	1 .
TOTAL OBS	1076	0	371	332	1937	3

A - 5 -

A

NCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
I...CTI... FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUL 89
MONTH: NOV HOURS: ALL

090 - 179	180 - 269	270 - 359		NO. OF OBS
				1
25.2	12.4	17.		379
3.7		14.		27
1.	2.	24.		171
25.	15.	14.		112
23.	15.	14.		1.2
723	171	2139	0	72

MONTH: DEC HOURS: ALL

1				2
9.	11.	1.		4
1.		31.		62
9.	11.7	32.4		675
14.	16.	17.		954
13.	16.	16.		931
333	1997	3154	0	7440

A - 5 - 5

OPERATIONS LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC
USAFETAC, ASHEVILLE NC — VERSUS WIND DIRECTION FOR JANUARY (1 JAN - 31 JAN)

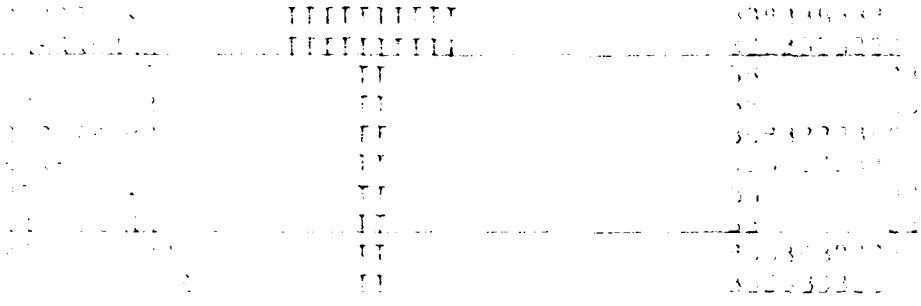
STATION NUMBER: 723065 — STATION NAME: PEASE AFB NH — PERIOD OF
LST IN UTC: + 5 — MONTHS: 1

PHENOMENA	CALM	VARIABLE	350 - 020	030 - 170	180 - 260	270 -
ISTMS	2.4		25.6	37.1	24.3	10.7
LIQUID PRECIP	2.3		43.5	23.4	13.0	13.7
FREEZING PRECIP	15.4		50.9	19.2	3.8	7.6
FROZEN PRECIP	10.2		44.2	7.2	6.4	31.9
FOG	21.1		21.7	23.4	14.2	19.7
FOG WITH VIS OF 1/2 MILE	16.9		35.2	17.3	14.1	16.4
TOTAL OBS	13324	0	12713	13478	13741	2481

...CY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
...TION FROM HOURLY OBSERVATIONS

...N   PERIOD OF RECORD: JUL 7... - JUN ...
MONTHS: ALL

...	090 - 179	180 - 269	270 - 359	NO. OF OBS
	37.1	24.3	13.6	...
	23.4	13.6	13.7	9013
	...	.9	24.7	...
	7.2	6.4	31.5	2295
	...	14.1	12.7	13439
	...	14.2	12.4	12963
	12973	13741	29316	97552



PART

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART C ARE CONTAINED ON THE SUMMARY DAY (CD)

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH TRACE AMOUNTS, PERCENT OF DAYS WITH .01 AMOUNTS, PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ARE GIVEN BY MONTH. A VALUE OF ".0" INDICATES THAT THE SPECIFIED AMOUNT IS LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL AMOUNTS SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES INCLUDE LAST AMOUNTS, LAST AMOUNTS, LAST DATES, STREAKS, AND MISSING DAY AMOUNTS. AN ASTERISK (*) INDICATES MISSING DATA FOR THE DATA ARE AVAILABLE. IF A MONTH HAS MORE MISSING AND/OR INCOMPLETE DAYS THAN SPECIFIED IN STATISTICAL COMPUTATIONS. LAST AND LAST DATES ARE MONTHS/YEARS ONLY. ".0" MEANS A TRACE AMOUNT OF PRECIPITATION OR SNOWFALL WAS RECORDED FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY PRECIPITATION AMOUNTS (MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, AND THE COUNT OF AMOUNTS FOR EACH DATE AND THE TOTAL NUMBER OF MISSING DAYS. AN ASTERISK (*) INDICATES LESS THAN 50% OF THE DATA ARE AVAILABLE. STATISTICS ARE COMPUTED WHEN MISSING AND/OR INCOMPLETE MONTHS. ".0" MEANS A TRACE AMOUNT OF PRECIPITATION OR SNOWFALL WAS RECORDED FOR THE MONTH, AND MAY ALSO MEAN

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCE OF SNOWFALL AND SNOW DEPTH FOR THE SUB-YEARS DURING THE PERIOD OF RECORD. A SUB-YEAR IS CONSIDERED TO BE JULY 1 THROUGH THE FOLLOWING JUNE 30. THE DATA MAY BE SUB-YEAR, BY MONTH, AND BY DAY. THE FIRST COLUMNS GIVE THE CORRESPONDING (OR EQUIVALENT) AMOUNT DURING THE FIRST (OR LAST) SNOWFALL FOR THE SUB-YEAR. AN ENTRY IN COLUMN 5 OF "T" OR ".0" INDICATES A TRACE OF SNOWFALL. FINALLY, THE LAST TWO SETS OF COLUMNS GIVE THE CORRESPONDING (OR EQUIVALENT) AMOUNT DURING THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH IS CONSIDERED TO BE THE LAST ONE OF THE SUB-YEAR. THIS SUB-YEAR HAS NO SNOWFALL OCCURRENCES DURING THE GIVEN PERIOD.

PART -

[illegible], SNOWFALL, SNOW DEPTH SUMMARIES

[illegible] OF STATION SUMMARY OF DAY (SOD) DATA.

[illegible]CY.

[illegible] PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION.
[illegible]. DATA IS SUMMARIZED FOR ALL YEARS
INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS,
[illegible] AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT
[illegible] AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION
"*.**" INDICATES THAT THE MONTH OCCURRENCES THAT, IN AGGREGATE,
[illegible] PERCENT.

[illegible] TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY.
[illegible] MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST
[illegible], DAY, TOTAL, STANDARD DEVIATIONS, AND TOTAL AVAILABLE
[illegible] ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS
[illegible] AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH NO
[illegible] INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED
[illegible]TIONS. OTHER LEAST AMOUNTS ARE DERIVED FROM COMPLETE
"*.**" MEANS NO PRECIPITATION FOR THE MONTH, "*.**" MEANS
[illegible].

[illegible] MAXIMUM DAILY PRECIPITATION AMOUNTS (BY INDIVIDUAL YEAR-
[illegible]TION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY GIVE
[illegible] DATE AND THE TOTAL NUMBER OF AVAILABLE OBS-
[illegible] DAILY [illegible]. AN ASTERISK (*) INDICATES A MONTH FOR WHICH
[illegible] ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH NO
INCOMPLETE MONTHS. "*.**" MEANS NO PRECIPITATION FOR THE MONTH,
[illegible] FOR THE MONTH, AND "M" MEANS NO SNOW DEPTH FOR THE MONTH.

[illegible] FIRST AND LAST DAYS OF OCCURRENCE FOR EACH YEAR.
FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW
[illegible] WITHIN THE PERIOD OF RECORD. FOR THIS SUMMARY, THE
[illegible] IS FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE
[illegible], BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN
[illegible] TRACE (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE
[illegible] (OR LAST) SNOWFALL FOR THE THE YEAR. THE FIRST (OR LAST)
[illegible] THE "*.**" OR "TRACE" SYMBOLS THE FIRST (OR LAST)

[illegible]ALLY, THE LOOP GIVES FOR EACH COLUMN TO BE AN FORM 10/ICE
[illegible] THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST
[illegible] THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED
[illegible] DURING THE GIVEN PE-.

NOTE 1. IF THE MINIMUM AMOUNT [illegible] DAILY [illegible] AMOUNTS IS A TRACE, THE WORD "TR" WILL BE ENTERED IN THE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY [illegible] FIVE (5) SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS IN THE STATION HISTORY INDICATE AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY 5 OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION. MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS COLUMNS, THE LAST FIGURE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE [illegible] INCLUDED HAIL.

NOTE 6. SNOW DEPTH RECORDING TIMES FOR USAF, NAVY AND CIVIL

AIR FORCE	NAVY AND [illegible]
THROUGH 1945: 2100 LST	THROUGH JUNE 1952:
JAN 1946 TO MAY 1957: 1230 LST	JUL 1952 TO MAY 1957:
JUN 1957 TO PRESENT: 1200 GMT	JUL 1957 TO PRESENT:

CONVERSIONS:

- 1 INCH = 25.39999 MILLIMETERS

- 1 MILLIMETER = .03937 INCHES

AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY
THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE

STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE
THIS ARE AVAILABLE.

COUNTS IN THE STATION HISTORY MIGHT PROVIDE CLUES
IF ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBS-
MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT
MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS

MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE
MUST BE THE PERIOD OF RECORD.

PRES, SUNSHINE OCCURRENCES IN THE SUMMARY OF DAY

TIME FIELD FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

NAVY AND NATIONAL WEATHER SERVICE

LST	THROUGH JUN 1952:	0030 GMT
LST	JUL 1952 THROUGH MAY 1957:	1230 GMT
GMT	JUL 1957 TO PRESENT:	1100 GMT

ELEMENTS

ATA TYPES

1 - 1 - 3

OPERATING LOCATION: [illegible]
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF [illegible]
FOR [illegible]

STATION NUMBER: 726356 STATION NAME: P-ASF AFB NH
LST II UTC: +05

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
NONE	49.2	49.6	43.6	45.1	46.9	47.0	53.3	54.1
TRACE	15.6	15.9	15.1	14.2	14.0	15.3	14.4	13.7
.01	3.2	3.3	3.3	3.6	2.8	2.7	3.0	4.4
.02-.05	7.7	7.4	6.6	6.8	6.3	6.4	5.3	5.1
.06-.10	3.8	4.4	5.3	5.3	4.9	5.7	4.2	4.5
.11-.25	6.4	5.9	6.8	6.1	6.7	6.7	7.1	7.1
.26-.50	4.9	5.5	6.6	7.1	6.1	7.4	5.5	4.7
.51-1.00	4.6	4.4	5.3	3.4	4.2	5.3	4.2	3.3
1.01-2.50	2.9	3.2	2.6	3.4	2.7	1.8	2.1	1.7
2.51-5.00	.3	.2	.1	.3	.2	.1	.1	.1
5.01-10.00								
10.01-20.00								
OVER 20.00								
DAYS WITH MEAS AMTS	35.2	34.3	35.6	34.7	37.1	35.2	32.4	31.7
TOTAL NO. OF OBSERVATIONS	1023	932	1023	1012	1024	1020	1023	1023

FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
FOR SUMMARY OF DAY DATA

PERIOD OF RECORD: 5504-8506
MONTH: ALL HOURS: ALL

	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
.1	40.9	47.0	53.3	54.5	57.7	58.9	47.5	44.8	50.4
.2	14.3	10.3	14.4	13.7	13.5	12.5	14.4	15.1	15.1
.3	2.8	2.5	3.5	3.4	2.0	2.6	3.3	3.3	3.0
.4	3.3	3.8	3.0	3.5	3.9	3.0	3.3	3.9	3.3
.5	4.9	5.7	4.2	4.5	3.2	2.9	3.3	4.3	4.7
.6	5.7	5.3	7.1	7.3	4.3	5.6	7.3	7.1	6.6
.7	3.1	7.4	5.5	4.9	4.3	4.3	7.3	5.7	5.9
.8	4.2	5.3	4.3	2.3	4.2	4.6	3.2	5.1	4.5
.9	2.7	1.9	2.3	2.0	2.3	2.5	3.3	2.4	2.5
1.0	.2	.1	.1	.2	.5	.3	.7	.2	.3
						.1			.0
.7	37.1	33.2	32.4	31.5	25.7	24.5	31.1	31.4	34.6
12	1024	1023	1023	1023	990	1023	990	1023	12136

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS F
FROM SUMMARY OF DAY DATA

STATION NUMBER: 72[illegible] STATION NAME: PLAIN AFB NH
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
56				3.64*	5.02	3.80	2.70	1.49	.
57	2.68	1.13	1.43	2.17	3.01	.80	1.44	1.39	1.
58	12.25	4.02	3.93	4.55	2.33	1.[illegible]	[illegible]	[illegible]	.
59	3.02	3.74	4.93	2.96	1.25	[illegible]	[illegible]	4.47	1.
60	3.49	5.31	3.07	3.60	5.64	.09	4.77	1.44	.
61	3.14	4.05	2.59	7.72	2.49	2.87	3.94	[illegible]	.
62	2.80	4.36	2.80	3.38	2.73	3.16	2.87	2.77	.
63	[illegible]	2.[illegible]	3.[illegible]	1.92	[illegible]	1.03	[illegible]	2.53	.
64	[illegible]	3.[illegible]	[illegible]	3.[illegible]	1.01	.94	3.[illegible]	[illegible]	1.
65	[illegible]	[illegible]	1.[illegible]	2.11	1.27	[illegible]	1.[illegible]	[illegible]	.
66	[illegible]	[illegible]	[illegible]	1.05	[illegible]	[illegible]	[illegible]	1.[illegible]	.
67	1.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.
68	[illegible]	1.04	[illegible]	[illegible]	4.07	[illegible]	[illegible]	1.42	1.
69	[illegible]	[illegible]	2.[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]	.
70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.[illegible]	[illegible]	.
71	1.[illegible]	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.
72	1.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.11	.
73	[illegible]	1.[illegible]	[illegible]	11.11	[illegible]	[illegible]	[illegible]	[illegible]	1.
74	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.
75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.
76	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.[illegible]	[illegible]	[illegible]	.
77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.
78	[illegible]	.67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.
79	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
81	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.
82	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.
83	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
84	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.
85	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.
86	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.
87	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.
88	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.
89	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			

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A

TAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5504-[illegible]
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.32	3.80	2.70	1.49	3.22	4.09	3.43	4.36	34.39*
3.01	.82	1.44	1.39	1.11	2.77	3.12	3.15	27.69
2.33	1.05	4.63	3.06	5.13	3.35	3.94	1.42	50.73
1.25	[illegible]	[illegible]	4.47	1.84	6.41	4.25	6.27	49.44
[illegible]	.92	4.77	1.84	3.10	2.57	3.11	3.70	45.58
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2.99	2.57	3.99	1.30	5.45	2.34	5.00	4.53	46.75
2.74	3.15	2.57	2.77	3.11	12.10	3.43	5.[illegible]	48.33
[illegible]	1.53	[illegible]	[illegible]	[illegible]	1.40	12.35	2.1[illegible]	43.71
1.31	.96	3.15	[illegible]	1.25	3.27	[illegible]	3.[illegible]	36.45
1.27	2.97	1.[illegible]	[illegible]	2.37	3.13	2.94	1.72	31.75
[illegible]	[illegible]	[illegible]	1.75	[illegible]	3.32	3.54	[illegible]	46.73
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.97	[illegible]	[illegible]	40.63
[illegible]	[illegible]	[illegible]	1.42	1.76	2.77	[illegible]	7.51	45.31
1.29	[illegible]	[illegible]	[illegible]	[illegible]	1.36	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.[illegible]	[illegible]	3.53	4.61	[illegible]	4.72	40.56
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION: 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS I
FROM SUMMARY OF DAY DATA

STATION NUMBER: 726056 STATION NAME: PEASE AFB NH
LST TO UTC: +05

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
LEAST	.64	.02	1.03	1.03	1.01	.44	.[illegible]	1.11	.
GREATEST	13.29	9.43	10.12	11.11	9.31	[illegible]	7.21	7.21	.
MEAN	3.72	3.33	3.56	3.72	3.62	3.[illegible]	3.34	3.7[illegible]	.
MEDIAN	3.11	3.52	3.1[illegible]	3.3[illegible]	3.25	[illegible].34	3.[illegible]	3.33	.
SD	2.775	1.722	1.67[illegible]	2.10[illegible]	1.954	1.75[illegible]	1.311	1.33[illegible]	1.
TOTAL OBS	1023	932	1023	1012	1054	1023	1023	1026	

THE GREATEST VALUE OF 13.71 OCCURRED IN 11/[illegible]

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN [illegible] OF THE DAT

L MONTHLY PRECIPITATION AMOUNTS IN INCHES
SUMMARY OF DAY DATA

PERIOD OF RECORD: 5504-8906
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1.21	.44	.[illegible]	1.11	.1[illegible]	.97	.34	.[illegible]	27.59
3.31	3.50	7.41	7.21	3.10	12.13	13.71	10.23	66.96
3.53	3.25	3.34	2.79	3.44	3.56	5.01	4.13	43.79
3.25	3.04	3.45	2.30	3.11	3.13	3.74	3.7[illegible]	44.16
1.254	1.756	1.611	1.337	1.220	2.047	2.744	2.345	7.350
1264	1023	1023	1023	990	1023	990	1023	12136

ACCUMULATED PR 11/83

MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS (
FROM SUMMARY OF DAY DATA

STATION NUMBER: 725086 STATION NAME: PEASE AFB NH
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
56				1.00*	1.93	1.32	.73	.74	.
57	.75	.43	.53	1.05	1.36	.35	.54	.37	.
58	2.05	1.40	1.27	1.32	.53	1.14	1.11	.54	1.
59	1.23	1.06	1.24	.43	.61	.99	2.35	1.05	1.
60	1.39	2.23	.97	.82	2.06	.50	1.99	.61	.
61	1.27	1.34	.91	1.64	.37	1.35	2.37	.52	.
62	.70	1.25	1.27	1.07	.96	1.09	.72	1.47	1.
63	1.25	.93	1.43	.59	1.09	.71	1.[illegible]	.52	1.
64	1.31	1.32	2.17	.12	.22	.45	.31	1.[illegible]	.
65	1.32	4.11	.45	.71	.35	1.44	.54	.59	.
66	1.32	1.52	.55	.34	.75	.52	1.21	1.[illegible]	.
67	.57	1.10	1.52	1.1[illegible]	1.13	1.54	1.15	.[illegible]	1.
68	1.44	.62	2.43	1.32	1.14	1.22	.22	.[illegible]	1.
69	1.39	1.34	1.[illegible]	.34	.25	.59	1.13	1.0[illegible]	.
70	.25	1.25	.36	2.33	1.59	.39	.45	1.31	1.
71	.52	.70	.67	.65	1.13	.94	.[illegible]	1.11	.
72	.34	1.61	1.43	.70	1.10	.77	.77	.75	.
73	.67	1.32	.94	4.50	1.11	.62	2.31	2.50	.
74	.[illegible]	.94	1.34	1.10	1.03	1.21	.34	.77	.
75	1.13	1.42	1.17	1.35	.43	1.29	1.34	4.10	1.
76	.99	1.91	.92	1.53	.65	.99	.77	2.55	.
77	2.37	.96	1.93	1.25	1.62	.43	.73	1.34	.
78	1.34	.97	1.24	1.[illegible]	3.23	2.55	.[illegible]	.[illegible]	.
79	2.[illegible]	1.39	.78	1.36	1.23	.98	1.74	1.14	.
80	.1[illegible]	.65	1.44	1.79	1.29	1.17	1.35	1.05	.
81	.29	3.36	.41	.77	.31	1.03	1.[illegible]	.79	1.
82	1.35	1.21	.61	1.24	.10	3.22	1.[illegible]	1.35	.
83	1.29	1.79	2.51	2.53	1.32	1.13	2.37	1.32	1.
84	1.14	1.11	1.1[illegible]	2.11	2.11	.[illegible]	1.[illegible]	.41	.
85	.17	.42	1.52	.42	.53	.44	1.[illegible]	1.44	1.
86	1.27	.34	.92	.92	.[illegible]6	1.11	1.74	.[illegible]2	.
87	1.52	.02	1.[illegible]	3.09	1.19	1.37	1.1[illegible]	.75	2.
88	.37	1.19	.9[illegible]	1.[illegible]7	1.73	.51	1.[illegible]	1.57	2.
89	.24	1.15	.91	1.02	1.27	1.49			

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A

TREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

[illegible] NM PERIOD OF RECORD: 5[illegible]
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1.43	1.00	.73	.54	.92	3.73	1.22	1.00	2.73*
1.35	.35	.54	.37	.37	1.39	1.04	.75	1.39
.53	1.16	1.11	.54	1.30	1.37	1.51	.50	2.55
.51	.99	2.35	1.55	1.[illegible]	1.03	.39	1.61	2.35
2.39	.50	1.92	.61	4.03	1.32	1.07	1.2[illegible]	4.03
.37	1.35	2.37	.92	2.55	.77	1.13	.37	3.55
.36	1.39	.72	1.47	1.32	6.73	1.42	2.21	6.73
1.[illegible]	.71	1.[illegible]	.32	1.94	.91	4.[illegible]	.65	4.03
.22	.46	.91	1.40	.45	1.11	1.65	.75	2.17
.35	1.44	.54	.55	.77	1.50	1.24	.70	4.11
.75	.52	1.21	1.[illegible]	2.66	.90	1.15	1.34	2.66
1.13	1.54	1.15	.73	1.70	.43	.91	1.55	1.70
1.14	1.22	.39	.23	1.10	1.42	2.43	2.[illegible]	2.43
.35	.60	1.10	1.05	2.37	.60	1.55	3.[illegible]	3.[illegible]
1.59	.59	.35	1.31	1.35	2.09	.67	1.46	3.09
1.13	.39	.59	1.11	.21	2.11	1.46	.33	2.11
1.10	.79	.77	.35	3.23	3.23	2.03	1.0[illegible]	3.23
1.11	.52	2.21	2.20	.55	1.24	.73	2.[illegible]	4.60
1.03	1.21	.34	.77	2.33	1.65	1.13	1.[illegible]	2.33
.43	1.29	1.34	4.10	1.45	1.09	1.23	1.47	4.10
.[illegible]	.50	.77	2.[illegible]	.97	1.41	.39	1.14	2.65
1.[illegible]	.4[illegible]	.[illegible]	1.[illegible]	1.59	1.34	4.10	1.1[illegible]	4.10
3.[illegible]	2.25	.[illegible]	.[illegible]	.15	.75	.77	1.2[illegible]	3.53
1.23	.9[illegible]	1.74	1.14	.90	1.25	1.33	.4[illegible]	2.50
1.29	1.17	1.35	1.05	.39	1.33	1.67	.24	1.33
.31	1.03	1.[illegible]	.79	1.01	.[illegible]	.97	1.[illegible]	3.[illegible]
.[illegible]	3.22	1.[illegible]	1.35	.51	.39	1.37	.[illegible]	3.22
1.32	1.13	2.37	1.32	1.14	.91	3.22	1.[illegible]	3.29
2.11	.[illegible]	1.[illegible]	.[illegible]	.44	2.03	2.25	.76	2.2[illegible]
.53	.44	1.65	1.44	1.55	1.05	2.30	.57	2.30
.[illegible]	1.11	1.74	.[illegible]	.55	.97	2.[illegible]	2.[illegible]	2.[illegible]
1.19	1.37	1.15	.75	2.69	.90	1.21	.74	3.09
1.7[illegible]	.[illegible]	1.[illegible]	1.57	2.13	1.74	2.35	.55	2.35
1.27	1.49							1.49*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS
PERIOD OF RECORD 1948-1982

STATION NUMBER: 723136 STATION NAME: GREAT FALLS MT
LST TO UTC: +07

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
GREATEST	2.20	4.11	2.91	4.60	3.33	3.62	2.01	4.12
TOTAL DYS	1023	932	1024	1012	1054	1020	1023	1023

THE GREATEST VALUE OF 6.73 OCCURRED ON 10/30/52

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DAT

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A

THE DAILY PRECIPITATION VALUES IN INCHES
FOR SUMMARY OF DAY DATA

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
3.23	3.22	2.21	4.12	4.23	5.73	4.12	3.03	5.73	
1974	1971	1973	1973	1976	1973	1969	1963	1973	

DAY MAX 10/30/52

...IN WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

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OPERATING LOCATION 'A'
USAFETAC, ASH VILLE NC

TOTAL MONTHLY PRECIPITATION (INCHES)
FOR PERIOD OF RECORD

STATION NUMBER: 72[illegible] STATION NAME: [illegible]
GMT TO LTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
56				1.38	.0	.1	.1	.1
57	2.3	.0	5.0	2.7	.2	.1	.1	.0
58	4.3	3.4	2.9	1.7	.0	.2	.2	.2
59	7.7	1.4	2.7	T	.0	.0	.0	.0
60	4.3	1.1	1.3	T	.2	.2	.1	.1
61	2.2	1.3	1.4	.6	.4	.1	.3	.2
62	.2	4.8	1.2	2.3	.1	.2	.3	.3
63	1.4	1.7	1.3	T	T	.2	.2	.2
64	1.3	2.5	3.4	.5	.2	.1	.3	.3
65	1.0	3.2	3.4	.3	.1	.3	.3	.2
66	3.1	1.2	4.4	T	T	.3	.1	.2
67	.1	4.3	2.3	7.1	T	.3	.1	.1
68	1.4	.1	1.3	.1	.0	.2	.2	.2
69	2.3	1.3	.4	T	.1	.1	.1	.1
70	.3	1.3	1.1	1.1	.0	.1	.1	.1
71	2.1	1.1	1.7	7.1	.1	.1	.1	.2
72	.2	4.1	2.2	3.3	.1	.1	.1	.2
73	1.1	3.4	.2	2.1	.3	.3	.2	.3
74	.3	7.3	2.3	3.2	.1	.1	.2	.3
75	1.3	1.2	7.3	1.3	.1	.1	.1	.1
76	1.3	.1	3.4	T	.2	.1	.1	.2
77	.4	.3	2.1	T	T	.1	.1	.2
78	.1	1.3	.3	T	.2	.1	.1	.1
79	.3	3.7	T	2.4	.1	.1	.1	.1
80	2.1	.3	.7	T	.3	.1	.1	.1
81	.3	4.7	4.3	T	.0	.1	.1	.2
82	1.3	7.3	4.9	2.4	.3	.1	.1	.1
83	1.4	2.3	.3	T	.3	.3	.2	.3
84	2.4	.7	2.4	T	T	.3	.1	.1
85	1.1	.9	.1	1.2	.3	.3	.3	.1
86	.3	1.3	2.3	T	.3	.3	.1	.3
87	.4	.2	.3	.3	.3	.3	.1	.1
88	1.3	.5	.7	T	.3	.3	.2	.2
89	.1	.1	.3	1.7	.3	.3		

A

TAL MONTHLY SNOWFALL AMOUNTS IN INCHES
AND SUMMARY OF DAY DATA

PERIOD OF RECORD: 5504-[illegible]
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.0	.0	.0	.0	.0	.0	2.7	27.2	33.3*
.0	.0	.0	.0	.0	.0	TRACE	2.1	34.9
.0	.0	.0	.0	.0	.0	TRACE	10.3	94.1
.0	.0	.0	.0	.0	.0	3.4	33.1	58.4
.0	.0	.0	.0	.0	.0	.0	21.7	67.2
.0	.0	.0	.0	.0	.1	7.9	39.1	104.1
.0	.0	.0	.0	.0	2.0	1.2	7.4	71.0
TRACE	.0	.0	.0	.0	TRACE	4.2	17.7	67.6
.0	.0	.0	.0	.0	.0	TRACE	14.7	64.3
.0	.0	.0	.0	.0	TRACE	.0	3.7	31.2
TRACE	.0	.0	.0	.0	.0	TRACE	13.1	77.2
TRACE	.0	.0	.0	.0	.0	3.8	19.7	100.7
.0	.0	.0	.0	.0	.0	2.2	16.3	53.1
.0	.0	.0	.0	.0	1.0	TRACE	33.1	105.2
.0	.0	.0	.0	.0	TRACE	.0	39.4	77.3
.0	.0	.0	.0	.0	.0	12.2	31.2	92.4
.0	.0	.0	.0	.0	TRACE	8.2	36.1	118.2
.0	.0	.0	.0	.0	.0	TRACE	5.8	25.7
.0	.0	.0	.0	.0	.0	6.3	17.7	58.8
.0	.0	.0	.0	.0	.0	4.3	33.0	77.3
.0	.0	.0	.0	.0	.0	2.1	14.4	55.2
TRACE	.0	.0	.0	.0	.0	1.3	21.0	80.0
.0	.0	.0	.0	.0	.0	6.4	12.6	79.0
.0	.0	.0	.0	.0	.0	TRACE	2.2	30.7
.0	.0	.0	.0	.0	.0	2.1	2.2	35.7
.0	.0	.0	.0	.0	.0	TRACE	30.7	43.3
.0	.0	.0	.0	.0	.0	.7	4.0	62.0
.0	.0	.0	.0	.0	.0	TRACE	17.3	64.2
TRACE	.0	.0	.0	.0	.0	TRACE	5.4	59.0
.0	.0	.0	.0	.0	.0	4.3	7.4	41.5
.0	.0	.0	.0	.0	.0	2.1	3.2	30.3
.0	.0	.0	.0	.0	.0	4.4	5.0	54.3
.0	.0	.0	.0	.0	TRACE	.0	1.3	43.3
.0	.0							20.1*

b

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL
FROM 3 HRLY DATA

STATION NUMBER: 723065 STATION NAME: PEASE AFB NH
LST TO UTC: +05

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
NONE	58.9	61.4	66.5	76.6	96.1	100.0	100.0	100.0
TRACE	17.4	16.0	13.6	4.4	.9			
0.1-0.4	7.4	7.2	5.3	1.6				
0.5-1.4	5.3	4.9	5.5	.9				
1.5-2.4	3.7	3.2	1.7	1.1				
2.5-3.4	2.5	1.5	2.1	.4				
3.5-4.4	1.4	1.2	.3					
4.5-5.4	1.6	1.3	1.1	.2				
5.5-10.4	1.9	1.0	.4	.2				
10.5-15.4	.4	1.2	.3					
15.5-25.4	.3	.3		.1				
25.5-50.4								
OVER 50.4								
DAYS WITH MEAS AMTS	23.7	22.3	17.9	4.4				
TOTAL NO. OF OBSERVATIONS	1023	932	1043	1012	1034	1020	1024	1023

A

...FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
...DAY SUMMARY OF DAY DATA

...PERIOD OF RECORD: 1934-1976
...MONTH: ALL HOURS: ALL

...	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
...	...1	100.0	100.0	100.0	100.0	99.3	94.7	79.2	24.9
...	.2					.7	10.2	17.4	7.0
1..						.1	1.4	..	2..
.9						.3	1.1	..	2.1
1.1						.1	.9	2..	1.2
.7							.7	2..	..
							.3	1.2	.4
.2							.4	1..	..
..							..	1.4	..
								..	.2
.1								..	.1

..						..	.1	..	.1
1..	1..6	1.2.	1.2.	1.2.	99.	1.2.	9..	1..3	12136

OPERATING LOCATION (AF)
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN TENTHS
-FOR- SUMMARY OF DAY DATA

STATION NUMBER: 723088 STATION NAME: PEASE AFB NH
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
LEAST	1.0	.0	TRACE	.0	.0	.0	.0	.0
GREATEST	33.0	61.0	33.0	24.0	TRACE	.0	.0	.0
MEAN	17.0	15.0	11.0	2.0	TRACE	.0	.0	.0
MEDIAN	15.0	12.0	9.0	.0	.0	.0	.0	.0
SD	11.414	14.231	8.426	4.722	.000	.000	.000	.000
TOTAL OBS	1023	932	1023	1010	1054	1020	1024	1023

THE GREATEST VALUE OF 61.0 OCCURRED IN 02/93

NOTE: * THE VALUE IS BASED ON A MONTH WITH LESS THAN 20% OF THE DAYS

- 3 -

A

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
-KCM SUMMARY OF DAY DATA

[illegible] PERIOD OF RECORD: [illegible]
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.0	.0	.0	.0	.0	.0	.0	1.0	23.7
TRACE	.0	.0	.0	.0	2.0	12.8	31.4	118.2
TRACE	.0	.0	.0	.0	.1	3.1	14.3	46.5
.0	.0	.0	.0	.0	.0	1.0	14.4	35.2
.000	.000	.000	.000	.000	.431	3.643	10.023	23.584
1004	1020	1013	1023	930	1023	990	1027	12136

[illegible] 02/69

[illegible] WITH LESS THAN 20% OF THE DATA AVAILABLE FOR THE MONTH

[illegible] - 3 - [illegible]

6

OPERATING LOCATION (A)
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS (IN TENTHS)
FROM SUMMARY OF DAY DATA

STATION NUMBER: 72305 STATION NAME: PEASE AFB NH
LST IN UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
56				1.0*	.0	.0	.0	.0
57	7.3	.3	2.7	2.3	.0	.0	.0	.0
58	3.2	10.2	9.7	1.3	.0	.0	.0	.0
59	4.1	4.1	11.3	TRACE	.0	.0	.0	.0
60	11.5	5.1	2.1	TRACE	.0	.0	.0	.0
61	17.0	13.9	3.4	2.2	.0	.0	.0	.0
62	3.1	13.2	3.2	1.1	.0	.0	.0	.0
63	5.2	7.0	4.1	TRACE	TRACE	.0	.0	.0
64	9.5	7.5	7.1	.2	.0	.0	.0	.0
65	4.0	3.0	3.0	.3	.0	.0	.0	.0
66	14.4	13.0	3.0	TRACE	TRACE	.0	.0	.0
67	.4	14.1	13.1	4.7	TRACE	.0	.0	.0
68	7.5	3.2	4.3	.2	.0	.0	.0	.2
69	3.1	23.4	9.7	TRACE	.0	.0	.0	.0
70	1.1	4.3	4.2	1.3	.0	.0	.0	.0
71	9.2	4.7	2.1	2.3	.2	.0	.0	.0
72	3.2	17.3	13.3	1.9	.0	.2	.0	.0
73	.1	3.3	.1	1.2	.0	.0	.0	.0
74	7.7	5.5	1.4	7.2	.0	.0	.0	.0
75	7.4	5.3	3.1	.3	.0	.0	.0	.0
76	2.7	2.7	12.3	TRACE	.0	.0	.0	.0
77	15.3	4.1	11.1	TRACE	TRACE	.0	.0	.0
78	14.3	12.3	5.7	TRACE	.0	.0	.0	.0
79	.1	2.2	TRACE	2.3	.0	.0	.0	.0
80	2.1	6.9	5.3	TRACE	.0	.0	.0	.0
81	2.9	3.1	1.3	TRACE	.0	.0	.0	.0
82	6.5	4.0	1.9	1.3	.0	.0	.0	.0
83	5.1	13.5	.3	TRACE	.0	.0	.0	.0
84	3.0	1.9	9.3	TRACE	TRACE	.0	.0	.0
85	3.5	3.2	5.1	1.2	.0	.0	.0	.0
86	5.0	3.0	1.1	TRACE	.0	.0	.0	.0
87	17.1	.2	1.7	4.5	.0	.0	.0	.0
88	4.1	11.3	5.4	TRACE	.0	.0	.0	.0
89	2.2	5.5	3.5	1.7	.0	.0		

STATE DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5604-8005
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.0	.0	.0	.0	.0	.0	2.7	10.5	10.3*
.0	.0	.0	.0	.0	.0	TRACE	.5	7.5
.0	.0	.0	.0	.0	.0	TRACE	5.5	10.5
.0	.0	.0	.0	.0	.0	3.5	12.6	12.6
.0	.0	.0	.0	.0	.0	.0	15.5	15.5
.0	.0	.0	.0	.0	.1	5.5	12.0	17.5
.0	.0	.0	.0	.0	2.0	.6	6.0	14.2
TRACE	.0	.0	.0	.0	TRACE	3.7	5.1	9.2
.0	.0	.0	.0	.0	.0	TRACE	5.2	9.6
.0	.0	.0	.0	.0	TRACE	.4	1.0	2.0
TRACE	.0	.0	.0	.0	.0	TRACE	5.5	14.4
TRACE	.0	.0	.0	.0	.0	3.0	9.0	14.1
.0	.0	.0	.0	.0	.0	2.7	5.4	7.0
.0	.0	.0	.0	.0	1.1	TRACE	12.3	20.4
.0	.0	.0	.0	.0	TRACE	.0	10.0	10.0
.0	.0	.0	.0	.0	.0	3.4	4.2	7.0
.0	.0	.0	.0	.0	TRACE	3.0	7.2	17.0
.0	.0	.0	.0	.0	.0	TRACE	3.7	5.1
.0	.0	.0	.0	.0	.0	2.5	7.1	7.7
.0	.0	.0	.0	.0	.0	4.5	4.5	7.4
.0	.0	.0	.0	.0	.0	6.4	5.1	12.3
TRACE	.0	.0	.0	.0	.0	1.2	9.2	15.0
.0	.0	.0	.0	.0	.0	3.4	9.0	14.0
.0	.0	.0	.0	.0	.0	TRACE	2.0	4.1
.0	.0	.0	.0	.0	.0	9.4	4.7	9.0
.0	.0	.0	.0	.0	.0	TRACE	5.0	8.0
.0	.0	.0	.0	.0	.0	.6	1.5	10.3
.0	.0	.0	.0	.0	.0	TRACE	7.4	15.5
TRACE	.0	.0	.0	.0	.0	TRACE	2.2	9.3
.0	.0	.0	.0	.0	.0	2.0	1.1	5.1
.0	.0	.0	.0	.0	.0	3.4	2.6	6.0
.0	.0	.0	.0	.0	.0	2.0	2.6	17.1
.0	.0	.0	.0	.0	TRACE	.0	1.3	11.2
.0	.0							5.5*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FOR SUMMARY OF DAY DATA

STATION NUMBER: 723055 STATION NAME: [illegible]
LST IN UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
GREATEST	17.5	20.4	13.3	10.3	TRACE	.2	.0	.0
TOTAL OBS	1023	932	1023	1012	1004	1020	1023	1023

THE GREATEST VALUE OF 20.4 OCCURRED ON 2/25/63

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN [illegible] OF THE DATA

A

[illegible] DAILY SNOWFALL AMOUNTS IN INCHES
[illegible] SUMMARY OF DAY DATA

[illegible] PERIOD OF RECORD: 5604-[illegible]
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	.2	.0	.0	.0	2.0	2.3	16.4	20.4
1004	1020	1023	1023	990	1023	930	1023	12135

[illegible] ON 02/25/52

[illegible] WITH LESS THAN 10% OF THE DATA AVAILABLE FOR THE MONTH

9 - 3 - 3P

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW AT 0
FROM SUMMARY OF DAY DATA

STATION NUMBER: 72305 STATION NAME: PEASE AFB NH
LST TO UTC: +05

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
NONE	13.6	15.1	44.9	94.1	100.0	100.0	100.0	100.
TRACE	9.8	10.9	14.0	1.9				
1	9.9	10.7	7.5	1.4				
2	11.1	7.9	5.3	.9				
3	11.3	9.5	4.6	.3				
4-6	15.4	19.5	10.5	.7				
7-12	19.4	15.9	9.0	.2				
13-24	9.1	12.9	2.4	.4				
25-36	.7	.9	1.0					
37-48		.2	.1					
49-60								
61-120								
OVER 120								
DAYS WITH MEASURES	77.5	73.1	41.2	4.1				
TOTAL NO. OF OBSERVATIONS	1023	932	1027	1012	1054	1020	1032	1023

FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
FROM SUMMARY OF DAY DATA

[illegible] NM — PERIOD OF RECORD: 5604-8905
MONTH: ALL HOURS: ALL

	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
.1	100.0	100.0	100.0	100.0	100.0	99.6	96.1	95.1	75.7
.3						.2	3.4	9.3	4.0
.5						.1	1.5	11.3	3.6
.8						.1	.7	7.0	2.9
1.0							1.2	5.2	2.3
1.7							1.6	12.0	4.9
2.0							.5	7.1	4.4
2.4								1.9	2.1
								.1	.2
									.0
.1						.2	3.1	4[illegible].7	26.3
12	1034	1023	1023	1023	992	1023	990	1023	12136

B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE, NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN I
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723035 STATION NAME: BOAST AFB NM
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
56				3*	0	0	0	0
57	21	5	3	3	0	0	0	0
58	12	19	11	1	0	0	0	0
59	4	5	15	0	0	0	0	0
60	14	10	12	0	0	0	0	0
61	19	21	11	4	0	0	0	0
62	9	19	10	1	0	0	0	0
63	0	14	12	0	0	0	0	0
64	19	13	3	0	0	0	0	0
65	2	6	3	0	0	0	0	0
66	31	30	4	0	0	0	0	0
67	5	13	23	0	0	0	0	0
68	23	8	0	0	0	0	0	0
69	11	32	23	0	0	0	0	0
70	4	5	6	1	0	0	0	0
71	1	12	15	4	0	0	0	0
72	7	30	16	3	0	0	0	0
73	0	7	TRACE	0	0	0	0	0
74	11	0	1	6	0	0	0	0
75	4	10	3	1	0	0	0	0
76	14	2	10	0	0	0	0	0
77	15	15	11	TRACE	0	0	0	0
78	24	21	10	0	0	0	0	0
79	11	4	3	3	0	0	0	0
80	2	7	5	0	0	0	0	0
81	4	3	3	0	0	0	0	0
82	13	7	5	21	0	0	0	0
83	15	20	3	0	0	0	0	0
84	13	8	14	4	0	0	0	0
85	5	5	7	2	0	0	0	0
86	0	0	0	0	0	0	0	0
87	22	23	15	0	0	0	0	0
88	10	12	5	0	0	0	0	0
89	TRACE	6	4	1	0	0		

3 - 4 - 24

A

...ME DAILY SNOW DEPTH AMOUNTS IN INCHES
...SUMMARY OF DAY DATA

...

PERIOD OF RECORD: 8604-...
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0	0	0	0	0	0	3	11	11*
0	0	0	0	0	0	0	1	21
0	0	0	0	0	0	TRACE	7	12
0	0	0	0	0	0	4	12	16
0	0	0	0	0	0	0	10	14
0	0	0	0	0	0	7	15	25
0	0	0	0	0	0	1	9	19
0	0	0	0	0	0	4	6	14
0	0	0	0	0	0	0	7	12
0	0	0	0	0	0	0	3	3
0	0	0	0	0	0	0	0	35
0	0	0	0	0	0	3	17	25
0	0	0	0	0	0	3	8	25
0	0	0	0	0	0	0	9	30
0	0	0	0	0	0	0	24	24
0	0	0	0	0	0	0	0	11
0	0	0	0	0	0	7	14	31
0	0	0	0	0	0	2	4	6
0	0	0	0	0	0	0	7	11
0	0	0	0	0	0	0	13	13
0	0	0	0	0	0	1	8	14
0	0	0	0	0	0	1	13	13
0	0	0	0	0	0	4	8	24
0	0	0	0	0	TRACE	0	9	11
0	0	0	0	0	0	0	4	4
0	0	0	0	0	0	TRACE	3	3
0	0	0	0	0	0	TRACE	1	21
0	0	0	0	0	0	0	7	20
0	0	0	0	0	0	0	2	14
0	0	0	0	0	0	4	4	4
0	0	0	0	0	0	0	4	4
0	0	0	0	0	0	2	2	23
0	0	0	0	0	0	0	1	12
0	0							5*

...

GREENVILLE-SPARTANBURG AIRPORT, GREENVILLE, SC

EXTREME DAILY SNOW DEPTH AMOUNTS IN
FROM JANUARY [illegible] MAY [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
1ST ID WBC: [illegible]

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
[illegible]								

GREATEST	[illegible]											
[illegible]												

[illegible]

B

[redacted]

MEAN DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 6604-[illegible]
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE, NC

FIRST AND LAST DAYS OF RECORD ARE Y
SAMPLE SUMMARY OF 137 YEARS

STATION NUMBER: 723033 STATION NAME: PEASE AFB NH

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL
55 - 56	APR 04	APR 23	APR 24	[illegible]
56 - 57	NOV 15	NOV 15	NOV 15	[illegible]
57 - 58	NOV 27	DEC 11	[illegible]	[illegible]
58 - 59	NOV 02	DEC 03	DEC 04	[illegible]
59 - 60	NOV 17	NOV 29	NOV 30	[illegible]
60 - 61	DEC 01	DEC 12	DEC 12	[illegible]
61 - 62	OCT 15	OCT 15	NOV 21	[illegible]
62 - 63	OCT 24	OCT 26	NOV 14	[illegible]
63 - 64	OCT 30	NOV 14	NOV 15	[illegible]
64 - 65	NOV 15	DEC 03	DEC 04	[illegible]
65 - 66	OCT 24	NOV 21	DEC 15	[illegible]
66 - 67	NOV 05	DEC 02	[illegible]	[illegible]
67 - 68	NOV 07	NOV 15	NOV 15	[illegible]
68 - 69	NOV 13	NOV 14	NOV 17	[illegible]
69 - 70	OCT 24	OCT 27	OCT [illegible]	[illegible]
70 - 71	OCT 17	DEC 03	[illegible]	[illegible]
71 - 72	NOV 07	NOV 11	[illegible]	[illegible]
72 - 73	OCT 14	NOV 14	[illegible]	[illegible]
73 - 74	[illegible]	[illegible]	DEC 27	[illegible]
74 - 75	NOV 17	NOV 21	NOV [illegible]	[illegible]
75 - 76	NOV 24	NOV 24	[illegible]	[illegible]
76 - 77	[illegible]	[illegible]	[illegible]	[illegible]
77 - 78	[illegible]	[illegible]	[illegible]	[illegible]
78 - 79	[illegible]	[illegible]	[illegible]	[illegible]
79 - 80	[illegible]	OCT 13	[illegible]	[illegible]
80 - 81	[illegible]	[illegible]	[illegible]	[illegible]
81 - 82	[illegible]	[illegible]	[illegible]	[illegible]
82 - 83	[illegible]	NOV 24	[illegible]	[illegible]
83 - 84	[illegible]	[illegible]	[illegible]	[illegible]
84 - 85	[illegible]	[illegible]	[illegible]	[illegible]
85 - 86	[illegible]	[illegible]	[illegible]	[illegible]

...D LAST DAYS OF OCCURRENCE BY SNOW-YEAR ...
...ARY SUMMARY OF DAY DATA

...SION

PERIOD OF RECORD: 1934-1...
SNOW-YEAR: 1 AUG - 31 JUL

FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
APR 30	APR 23	APR 23	APR 13
MAY 19	APR 06	APR 27	APR 23
MAY 14	MAR 4	APR 12	APR 17
MAY 24	APR 1.	MAY 27	APR 23
MAY 23	MAR 11	MAR 24	MAR 24
MAY 12	APR 29	APR 14	APR 15
MAY 22	MAY 17	APR 15	APR 15
MAY 14	MAY 21	MAY 21	MAY 24
MAY 12	APR 24	APR 24	APR 13
MAR 24	MAR 1.	APR 13	MAR 22
MAY 12	MAY 15	MAY 15	MAY 1.
MAY 14	MAY 25	APR 24	APR 13
MAY 15	MAY 24	MAR 13	MAY 14
MAY 27	MAY 22	MAY 22	MAY 21
MAY 3	MAY 22	MAY 2.	MAY 21
MAY 24	APR 17	APR 15	APR 1.
MAY 22	MAY 2.	APR 22	MAY 2.
MAY 12	MAY 11	APR 11	APR 26
MAY 17	MAY 21	APR 13	APR 11
MAY 3.	MAR 2.	APR 2.	MAR 2.
MAY 2.	APR 21	MAY 13	MAY 21
MAY 11	MAY 13	MAR 23	MAY 27
MAY 23	MAY 27	MAR 25	MAY 27
MAY 1.	MAY 14	APR 22	APR 13
MAY 14	MAY 1.	MAY 14	MAY 1.
MAY 13	MAY 23	MAY 21	MAY 21
MAY 1.	MAY 13	APR 13	APR 14
MAY 11	MAY 2.	MAR 15	MAY 26
MAY 22	MAY 14	MAR 31	APR 2.
MAY 1.	APR 13	APR 21	APR 12
MAY 14	MAY 23	MAY 13	MAY 11

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF [illegible]
[illegible]

STATION NUMBER: 725055 STATION NAME: [illegible]

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL
86 - 87	NOV 06	NOV 11	NOV 17	[illegible]
87 - 88	NOV 06	NOV 10	NOV 11	[illegible]
88 - 89	OCT 31	DEC 23	DEC 24	[illegible]
MEDIAN-DATE	NOV 07	NOV 21	NOV 21	[illegible]

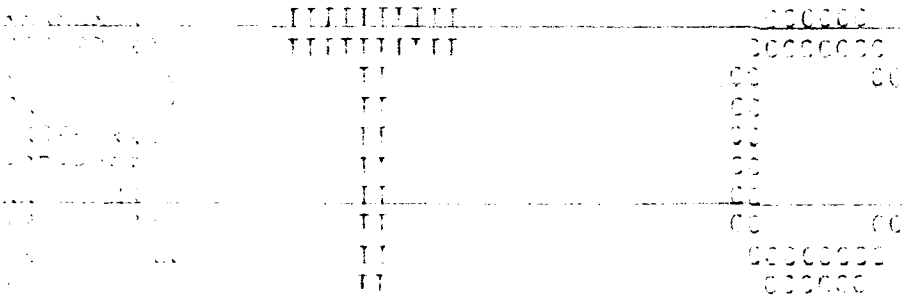
[illegible] LAST DAYS OF [illegible] BY END-YEAR
[illegible] SUMMARY OF DAY DATA

[illegible]

PERIOD OF RECORD: [illegible]
SNOW-YEAR: 1 AUG - 31 JUL

FIRST MEASURABLE SNOWFALL	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
NOV 17	[illegible]	APR 29	APR 29
NOV 11	[illegible]	MAR 29	MAR 07
[illegible]	[illegible]	[illegible]	[illegible]

[illegible]



PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. [illegible] DIRECTIONS ARE IN 16 COMPASS POINTS FOR THE PERIOD THROUGH JUNE 1963, BUT IN JULY 1963, ALL STATIONS EXCEPT WEATHER SERVICE STARTED RECORDING DIRECTION IN 36 [illegible] IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE [illegible] AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK FOLLOWING A VALUE FOR A MONTH FOR WHICH LESS THAN [illegible] OF THE DATA ASTERISK ALSO DENOTES A YEAR(S) WITH [illegible] MISSING.

PEAK WINDS--POINT OF OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY [illegible] YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED AS "CALM," THAT COUNT GOES INTO THE "1-4" [illegible] DAYS, MEDIA C, AND TOTAL OBSERVATIONS COLUMNS. THE "CALM" ACCOUNT FOR A PEAK WIND [illegible]

WIND DIRECTION VS WIND SPEED--PERCENT FREQUENCY. THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. IT CONTAINS THE DATA AS FOLLOWS:

- BY EIGHT 8-POINT STANDARD DIRECTIONS [illegible]

- BY MONTH (ALL YEARS AND ALL [illegible]).

- BY YEAR (ALL YEARS AND ALL [illegible]).

THESE TABLES GIVE A CUMULATIVE PERCENTAGE FREQUENCY (CPF) FOR ELEVEN WIND SPEED GROUPS. WIND SPEEDS GIVEN IN 36 COMPASS DIRECTIONS. "CALM" WINDS ARE GIVEN SEPARATELY. CUMULATIVE FREQUENCIES (CPF) FOR TOTAL OBSERVATIONS, TOTAL RECORDABLES, TOTAL PRECIPITATION, AND [illegible] OBSERVATIONS, ARE [illegible] FOR EACH DIRECTION.

ALSO PROVIDED: A CUMULATIVE DISTRIBUTION OF THE DIRECTION FOR SPECIFIED CEILING/VISIBILITY COMBINATIONS. THE CEILING/VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MI. THE CEILING MUST BE GREATER THAN OR EQUAL TO 100 FEET, IF THIS CONDITION IS NOT MET, THE [illegible] AND THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE [illegible] OF GREATER THAN OR EQUAL TO 1/2 (CAVU WEATHER) [illegible]

CONVERSION: 1 KNOT = .514791 [illegible]

SURFACE WIND SUMMARY

...FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS.
...COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD
...IN JULY 1949. ALL STATIONS EXCEPT THOSE OF THE NATIONAL
...DIRECTIONS GIVEN IN TENS OF DEGREES. DATA
...FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD
...PERCENT OF MONTHLY VALUE FOR ALL YEARS COMBINED, THE
...FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE
...THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES
...WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN
...YEAR(S) WITH MORE THAN FOUR MISSING AND/OR INCOMPLETE MONTHS.

...SUMMARY.
...DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL
...GIVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP
...IF THE MEAN WIND IS REPORTED FOR A PARTICULAR DAY
...IS THE "1-4 KNOT" CATEGORY. TABLES INCLUDE
...OF AVAILABLE DATA. ALL VALUES IN THIS SUMMARY
...FOR ANY DAY OF THE MONTH.

...CODE FREQUENCY.
...MONTHLY OCCURRENCES. DAY SUMMARY

...FOR EACH MONTH (ALL YEARS COMBINED).

...ALL WIND SPEEDS).

...ALL WIND SPEEDS).

...OCCURRENCE
...WIND DIRECTION
...DIRECTIONS. "CALM" AND "VARIABLE" WINDS ARE
...FOR WIND SPEEDS (, , ,) APPLY FOR PERIOD.
...ALL DIRECTIONS FOR EACH SPEED, PLUS WIND TOTAL FOR
...FOR ALL SPEEDS.

...WIND DIRECTION VERSUS WIND SPEED
...FOR EACH MONTH.

...
...
...

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SURFACE Y [illegible] DY DATA

STATION NUMBER: 72[illegible] STATION NAME: PEASE AFB NH
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
56								
57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
58	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
59	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
61	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
62	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
64	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
65	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
68	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
69	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
73	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
74	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
76	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
78	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
79	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
81	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
82	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
83	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
84	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
85	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
86	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
87	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
88	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
89	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 1950- 1970
MONTH: ALL HOUR: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
41	38	29	32	33	31	35	35	*44

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

PEAK SURFACE WIND IN KNOTS
PEAK SURFACE WIND IN MPH

STATION NUMBER: 725053 STATION NAME: PEASE AFB NH
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
LARGEST	1/ 25	2/ 57	29/ 52	[illegible]	29/ 49	[illegible]	[illegible]	[illegible]
TOTAL #	[illegible]	557	775	541	[illegible]	427	[illegible]	[illegible]

[illegible]

NOTE : *[illegible]
[illegible]

[illegible] SURFACE WIND IN KNOTS
[illegible] SUMMARY OF [illegible] DATA

[illegible] PERIOD OF RECORD: [illegible]
MONTHS: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN

[illegible]

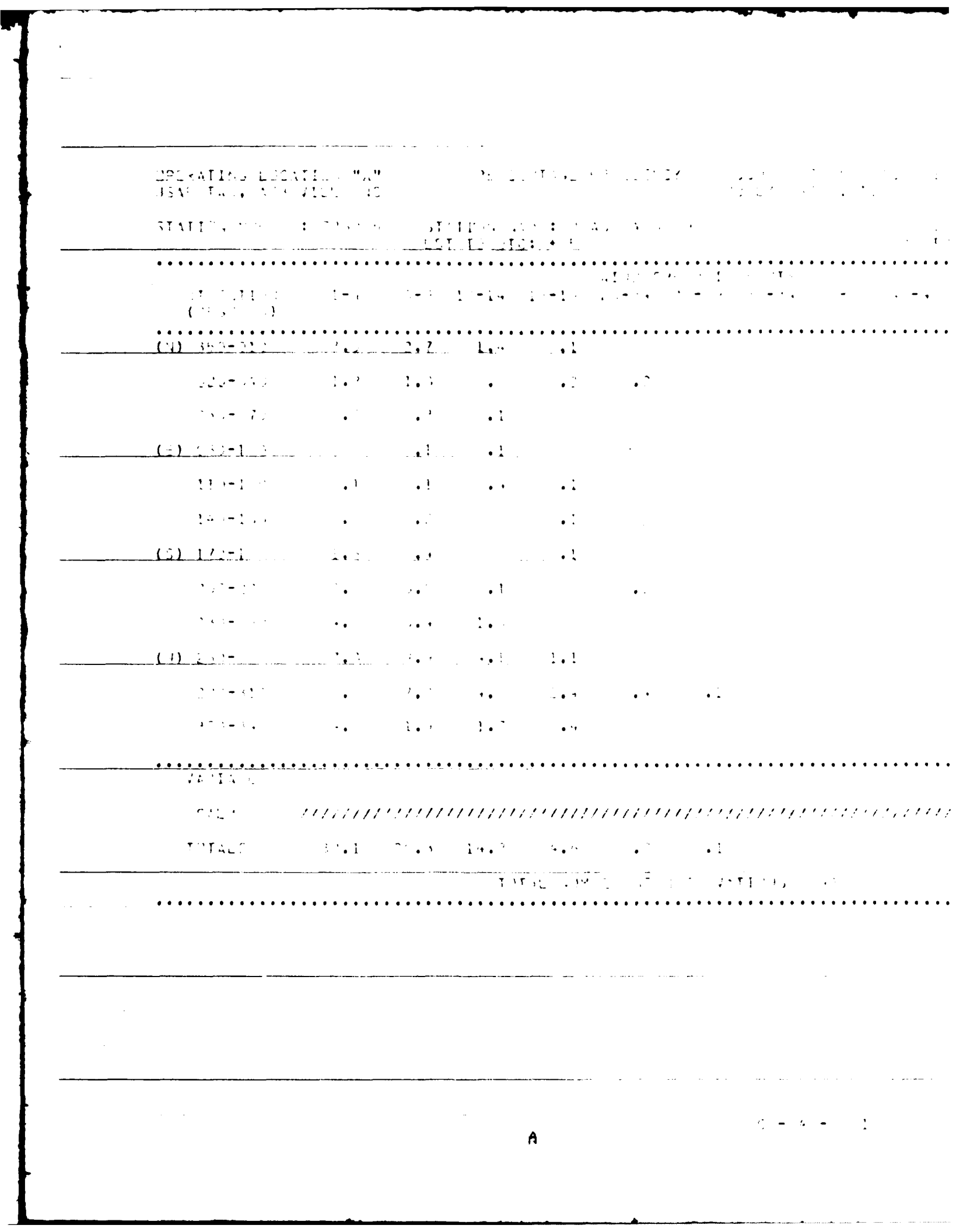
[illegible]

[illegible]

OPERATING LOCATION
USAFETAC, [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
31 12 0100: +0

MONTH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
JAN	.3	7.7	21.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FEB	.1	[illegible]	19.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MAR	.3	[illegible]	19.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
APR	.2	[illegible]	14.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MAY	.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
JUN	.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
JUL	.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AUG	.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SEP	.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
OCT	.1	7.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NOV	.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DEC	.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ANNUAL	.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]



A

b

OPERATIONS LOCATION: "A"
USAFETAC, ASHEVILLE, NC

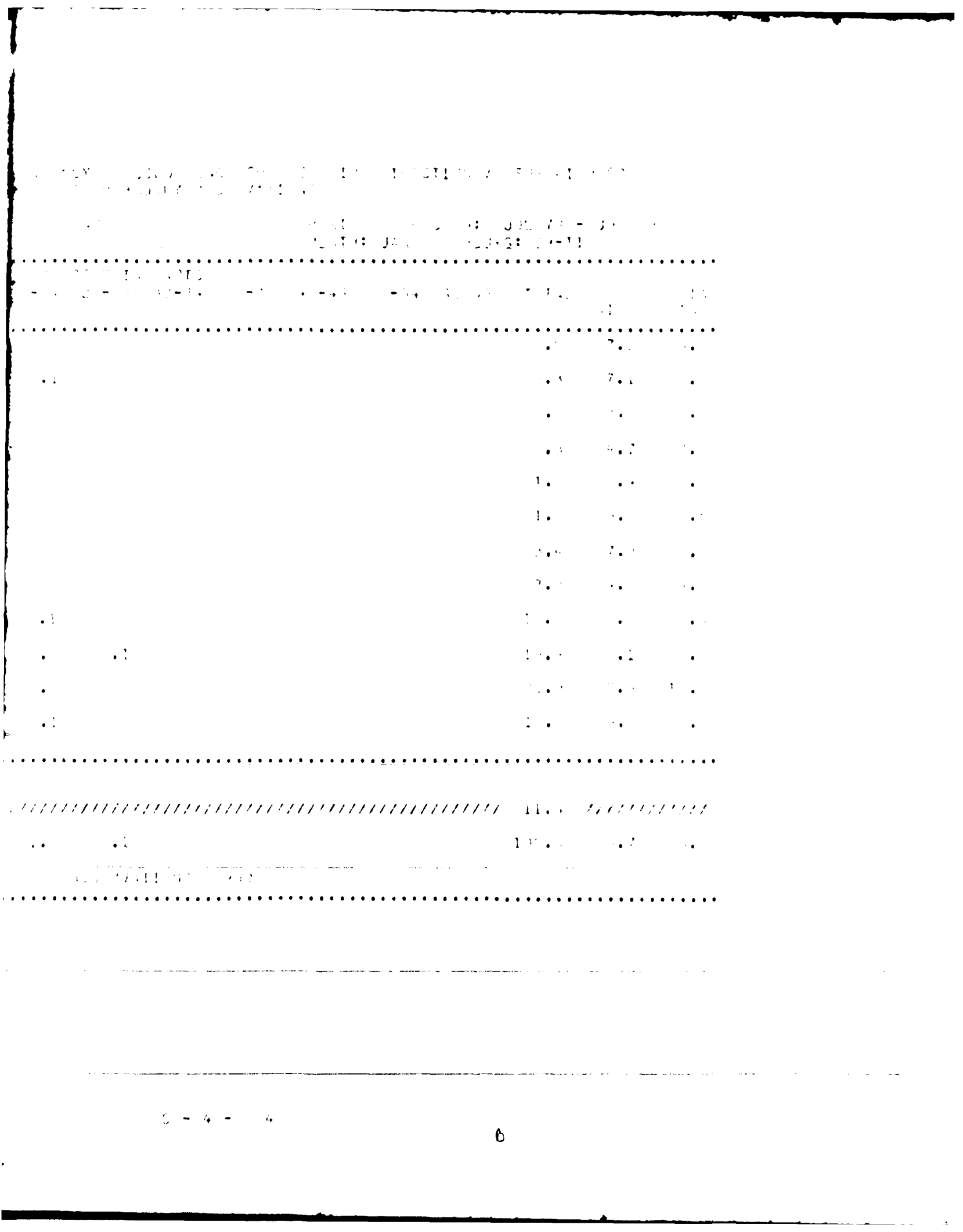
PERCENTAGE FREQUENCY OF OCCURRENCE BY WIND DIRECTION AND SPEED

STATION NUMBER AND NAME: [illegible]

STATION TIME: [illegible]
(ST = UTC + 5)

DIRECTION (TRUE)	WIND SPEED (KNOTS) 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41+
(N) 350-010	2.3	3.4	1.5	.1					
020-040	.3	1.4	.5	.3	.3				
050-070	.4	.2							
(E) 080-100		.1	.1						
110-130			.1	.2	.2				
140-160	.1	.1		.2	.1	.1			
(S) 170-190	1.7	.3							
200-220	.6	1.3	.7	.2					
230-250	.6	3.6	1.1						
(W) 260-280	2.3	7.3	2.2	1.2					
290-310	.6	3.7	3.3	1.	.1				
320-340	.1	3.1	1.3	.4					
VARIABLE									
CALM	//								
TOTALS	9.6	32.4	12.4	4.4	1.1	.1			

TOTAL NUMBER OF OBSERVATIONS [illegible]



[illegible]

[illegible]

| [illegible] | [illegible] | [illegible] |

OPERATIONAL IDENTIFICATION "AW" PERCENTAGE FREQUENCY OF OCCURRENCE DIAGRAM (%)
DSAFTAC, 1ST WING, AC FOR FREQUENCY USE RATING 3

STATION NAME: [illegible] STATION NAME: PAGE AFB, GUAM SEASON:
LST IS UTC: + 2 YEARS:

AZIMUTH (DEGREES)	1-4	4-7	10-14	17-19	20-24	2[illegible]	[illegible]	[illegible]	[illegible]
(N) 350-11	3.1	2.4	1.3		.1				
120-[illegible]	[illegible]	1.3	.[illegible]						
[illegible]	.[illegible]	.[illegible]	.4						
(E) 2[illegible]	.2	.3			.1				
110-130	.	.3	.[illegible]						
140-[illegible]	1.1	.3	.1	.[illegible]					
(S) 170-[illegible]	[illegible]	1.[illegible]	.[illegible]						
[illegible]	[illegible]	1.7							
2[illegible]	[illegible]	[illegible]	[illegible]	.3					
(W) 2[illegible]	.7	[illegible]	[illegible]	.[illegible]					
300-310	[illegible]	7.1	7.3	1.[illegible]	.1				
320-340	[illegible]	2.3	1.[illegible]	.2	.1	.1			
VARIABLE									
CALM	//////////////

[illegible] CY [illegible] ACCUMULATED SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] TURKEY POINT STATION

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JUL [illegible]
[illegible] PERIOD: JAN [illegible] HOURS: 1[illegible]-20

[illegible] KNOTS [illegible]	TOTAL %	[illegible] %	[illegible] %
.1	[illegible]	[illegible]	[illegible]
	4.[illegible]	[illegible]	.
	1.7	[illegible]	[illegible]
.1	[illegible]	[illegible]	[illegible]
	1.[illegible]	[illegible]	[illegible]
	1.	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]
	11.[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]
.1	[illegible]	[illegible]	[illegible]
.1 .1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	
.[illegible] .[illegible]	100.[illegible]	[illegible]	[illegible]

[illegible] VARIABLE [illegible]

OPERATIONAL LOCATION "A"
USAFETAC, [illegible] AFB, [illegible]

STATION NAME: [illegible]
STATION NO.: [illegible]
OBSERVATION TIME: [illegible]

DIRECTION (DEG)	1-4	5-7	8-10	11-13	14-16	17-19	20-24	25-29	30-34	35-39	40+
(N) 350-010	3.6	3.7	1.2								
020-040	1.7	2.2	.3	.3							
050-070	.4	.4	.2		.2						
(E) [illegible]	.2	.2				.1					
110-130	.3	.3	.1								
140-160	.4	.2	.2								
(S) 170-190	3.1	.4	.4								
200-220	2.3	1.2	.1								
230-250	14.7	5.1	2.7	.4							
(W) 260-280	1.2	7.3	2.3	.4	.2						
290-310	4.1	7.0	5.2	1.4	.0						
320-340	3.7	2.3	1.4	.2							
VARIABLE											
CALM	//										
TOTALS	36.4	31.3	17.4	3.4	.4	.1					

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] APPLY [illegible] STATIONS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTHS: JAN HOURS: 21-23

WIND SPEED (KNOTS)							TOTAL	MEAN WIND SPEED (KNOTS)	MEDIAN WIND SPEED (KNOTS)
[illegible]	[illegible]	30-34	35-39	40-49	50-64	65 +UP			
							7.2	[illegible]	[illegible]
							4.4	[illegible].1	[illegible]
[illegible].2							1.3	[illegible]	[illegible]
	[illegible]						[illegible]	[illegible]	[illegible]
							1.3	[illegible].4	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							4.2	[illegible].4	[illegible]
							[illegible]	[illegible]	[illegible]
[illegible].2							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible].7	[illegible]
							7.1	[illegible]	[illegible]
[illegible]	[illegible]						15.4	[illegible]	[illegible]
[illegible]	[illegible].1						[illegible]	[illegible]	[illegible]

[illegible] OBSERVATIONS [illegible]

OPERATING LOCATION: "AW" PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND
USAFETAC, ASHEVILLE NC FROM JULY 1965-MAY 1973

STATION NUMBER: 723175 STATION NAME: PEASE AFB NH
LST TO UTC: +5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-45
(N) 350-010	2.4	3.1	1.6	.2	.0				
020-040	1.3	1.7	.5	.2	.1				
050-070	.7	.4	.1		.0				
(E) 080-100	.3	.1	.1	.1	.0	.0			
110-130	.5	.2	.2	.1	.0				
140-160	.3	.4	.2	.2	.1	.0			
(S) 170-190	1.9	1.9	.8	.0					
200-220	3.1	2.1	.3	.1	.0				
230-250	4.4	4.5	1.7	.2	.1				
(W) 260-280	5.4	7.5	4.1	1.3	.3	.0			
290-310	4.2	5.3	3.1	2.1	.5	.0			
320-340	4.4	3.1	1.5	.4	.2	.0			
VARIABLE									
CALM	//////////////

...UENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
... ON HOURLY OBSERVATIONS

AT ... PERIOD OF RECORD: JUL 73 - JUL 83
MONTH: JAN HOURS: ALL

WIND SPEED IN KNOTS

1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	64 & GT	TOTAL	MEAN SPEED	STD DEV
												%	MPH	MPH
.9												7.4	5.9	5.9
.1												3.9	4.9	5.0
.1												1.2	5.9	5.0
.9	.9											.9	5.7	4.7
.1												1.1	7.0	5.9
.1	.9											1.9	5.9	4.9
												3.3	4.9	4.9
.1												3.3	4.9	4.9
.1												11.3	5.9	5.9
.9	.9											23.1	7.9	7.9
.1	.9											32.3	5.9	4.9
.1	.9											4.4	5.4	.9
//												14.9	//////////	
1.9												100.9	6.1	5.1

... OBSERVATIONS 7449

OPERATING LOCALITY: NAW
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY HOUR AND VISIBILITY

STATION NUMBER: 72[illegible] STATION NAME: PLAGE AFB [illegible]

LST IN UTC: + 5

MONTH: [illegible]

CATEGORY A: CEILING OF 200 BUT LESS THAN 1000 FEET AND/OR VISIBILITY 1/2 TO

VISIBILITY 1/2 MILE (0800 MET LST) BUT LESS THAN 1 MILE (4 KM)

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47
(N) 350-010	3.6	4.3	3.1	.2					
020-040	2.3	3.2	2.7	.7	.2				
050-070	1.8	1.4	.7		.1				
(E) 080-100	.5	.7	.2						
110-130	1.8	1.3	1.7	.7	.3				
140-160	1.2	1.3	1.1	1.7	.3	.1			
(S) 170-190	2.3	2.1	1.3	.1					
200-220	1.7	1.7		.1	.2				
230-250	1.1	1.1							
(W) 260-280	2.5	1.3	.7	.1					
290-310	1.7	1.1	1.3						
320-340	.1	3.3	2.7	.4					
VARIABLE									
CALM	//								
TOTALS	41.2	33.7	16.3	4.1	1.3	.1			

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] - 4 - 1

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 77 - JUL [illegible]
MONTH: JAN HOURS: ALL

(a) CEILING AND VISIBILITY 1/2 MILE (800 METERS).

(b) CEILING LESS THAN 5 MILES (430 METERS) WITH CEILING OF 200 FEET.

WIND DIRECTION (KNOTS)							TOTAL	MEAN	MEDIAN
							%	MPH	MPH
							22.6	7.7	9.0
.2							12.1	4.3	7.0
.1							8.6	2.2	3.0
							1.7	0.1	0.0
.0							4.3	1.3	1.0
.1	.1						5.3	11.3	11.3
							2.7	5.2	5.3
.0							3.3	0.7	0.0
							2.2	4.3	4.7
							3.1	4.5	5.0
							4.2	5.5	6.3
							17.1	6.6	7.3
//							12.3	//////////	
1.3	.1						100.3	5.1	5.3

[illegible] OBSERVATIONS [illegible]

OPERATING LOCATION: WAW — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC — [illegible] JULY [illegible]

STATION NUMBER: 72305 STATION NAME: [illegible] — PERIOD OF RECORD: [illegible]
LST IN USE: 4

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-7	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	4.3	4.2	.5	.6					
020-040	2.5	2.4	1.4	.6					
050-070	.1	.2	.2						
(E) 080-100	.7	.2	.2	.2	.1	.1			
110-130	.1	.1	.1	.2					
140-160	.1	1.	.1						
(S) 170-190	1.	.1	.1						
200-220	3.1	2.1	.1						
230-250	5.7	3.2	.4	.1					
(W) 260-280	5.7	2.1	1.1	.4	.1				
290-310	1.4	3.7	3.3	.7	.4				
320-340	2.5	2.4	.4	.6	.1				
VARIABLE									
CALM	//								
TOTALS	34.2	33.7	12.2	3.2	.7	.1			

TOTAL NUMBER OF OBSERVATIONS 743

FREQUENCY OF OCCURRENCE: SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUL [illegible]
MONTH: FEB YEARS: 00-02

[illegible] SPEED (KNOTS) [illegible]-3	4-7	8-12	13-17	18-23	24-30	31-36	TOTAL	[illegible]	[illegible]
							6.9	2.7	[illegible]
							5.	[illegible]	[illegible]
							1.[illegible]	[illegible]	[illegible]
.1	.1						1.[illegible]	[illegible]	[illegible]
							1.[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							2.[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
.[illegible]							14.[illegible]	[illegible]	[illegible]
.[illegible]							[illegible]	[illegible]	[illegible]
.[illegible]							7.[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
.7	.1						100.[illegible]	[illegible]	[illegible]

[illegible] VALID OBS [illegible]

OPERATING JUSTIFICATION
USAPTAG, ANNVILLE, PA

STATION NO. [illegible] STATION NAME [illegible]

SIZE OF ITEM (CUBIC FEET)	1-3	4-6	7-13	14-18	19-24	25-30	31-36	37-42	43-48
(A) 350-[illegible]	.7	4.4	1.[illegible]	.7	.1				
220-[illegible]	.1	2.[illegible]	1.[illegible]	.1					
[illegible]-770	.[illegible]	.[illegible]	.[illegible]	.1					
(B) 330-[illegible]	.[illegible]	.[illegible]	.[illegible]	.1					
110-[illegible]	.[illegible]	.1	.[illegible]	.4					
1[illegible]-1[illegible]	.[illegible]	.1	.[illegible]						
(C) 170-1[illegible]	.[illegible]	.[illegible]	.[illegible]	.1					
2[illegible]-[illegible]	.[illegible]	.[illegible]							
[illegible]-[illegible]	.[illegible]	.[illegible]	.[illegible]						
(D) 2[illegible]-[illegible]	.[illegible]	.[illegible]	1.[illegible]	.[illegible]	.1				
[illegible]-[illegible]	.1	.[illegible]	[illegible].[illegible]	.[illegible]					
[illegible]-[illegible]	.[illegible]	.[illegible]	1.1	.[illegible]					
VARIOUS									
CALC	//////////////

OPERATING LOCATION "A"
USA-TTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBS WITH %

STATION NUMBER: 723175 STATION NAME: [illegible]
LAT [illegible] LONG: [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
(N) 350-019	2.3	4.1	2.2	.5	.2				
020-049	2.1	2.3	2.2						
050-079	1.1	1.2	.3	.1					
(E) 080-109	.7	.8	.7						
110-139	.3	.6	.1						
140-169	.1	.1	.1	.0	.0				
(S) 170-199	.5	.5	.2						
200-229	1.4	2.2	1.3						
230-259	.8	4.7	1.2	.1					
(W) 260-289	3.7	6.3	3.1	.4	.3				
290-319	2.3	5.1	4.1	2.0	.3				
320-349	3.3	5.7	1.3	.4					
VARIABLE									
CALM	//////////////

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION: [illegible] PERIOD OF RECORD: JUL 72 - JUL [illegible]
MONTH: FEB HOURS: 03-11

WIND SPEED IN KNOTS							TOTAL %	MEAN SPEED	STD. DEV.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.0	7.0	4.2
							[illegible]	7.6	7.[illegible]
							3.[illegible]	7.7	7.[illegible]
							2.[illegible]	7.2	7.[illegible]
							1.2	[illegible].4	[illegible].[illegible]
[illegible]							1.[illegible]	13.[illegible]	1[illegible].[illegible]
							1.2	5.2	3.2
							4.[illegible]	[illegible].[illegible]	[illegible].[illegible]
							[illegible].4	[illegible].[illegible]	[illegible].[illegible]
[illegible]							1[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
[illegible]							2[illegible].1	1[illegible].[illegible]	1[illegible].[illegible]
							11.[illegible]	[illegible].[illegible]	[illegible].[illegible]
[illegible]							[illegible].4	[illegible]	[illegible]
[illegible]							1[illegible].[illegible]	7.[illegible]	7.[illegible]

[illegible] OBSERVATIONS [illegible]

OPERATING LOCATION: WAW — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 72305 — STATION NAME: ANDREWS AFB, MD — PERIOD OF RECORD:
LST TO UTC: + 5 — MONTH:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-47
(N) 350-010	1.4	2.8	2.4	.6					
020-040	1.4	2.4	.7	.6					
050-070	1.2	2.3	.5	.4					
(E) 080-100	1.5	1.2	.4						
110-130	1.3	2.2	.2						
140-160	.7	2.3	.7	.4					
(S) 170-190	.7	1.3			.1				
200-220	1.1	3.2	.7						
230-250	3.7	5.5	2.5	.1					
(W) 260-280	3.2	5.9	7.5	1.2	.2				
290-310	.7	3.4	10.1	3.1	.1				
320-340	1.3	4.1	3.1	.3	.7				
VARIABLE									
CALM	//////////////

[illegible] NCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: FEB HOURS: 12-16

WIND SPEED IN KNOTS									
[illegible]-24	25-29	30-34	35-39	40-49	50-64	65 OR MORE	TOTAL %	MEAN SPD	MEDIAN SPD
							7.4	[illegible].7	[illegible].2
							5.7	7.3	6.5
							4.1	[illegible].9	[illegible].3
							3.2	5.2	[illegible].2
							3.7	[illegible].5	[illegible].3
							4.4	[illegible].1	[illegible].3
.1							2.1	[illegible].3	[illegible].5
							4.3	[illegible].4	7.3
							10.3	[illegible].1	[illegible].3
.3							13.1	[illegible].0	[illegible].3
.							14.3	12.3	12.3
.7							11.3	[illegible].7	[illegible].3
//							[illegible].7	//////////	
..							100.3	[illegible].1	[illegible].3

[illegible] OBSERVATIONS 349

D

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE [illegible]
USAFETAC, ASHEVILLE, NC [illegible]

STATION NUMBER: 726256 STATION NAME: PEASE AFB NH [illegible]
LST TO UTC: + 5 [illegible]

DIRECTION (DEGREES)	WIND SPEED LIMITS (KNOTS) 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	[illegible]
(N) 350-010	1.2	2.2	1.5	.2						
020-040	2.5	1.9	1.2	.2	.1					
050-070	1.5	2.1	.4	.1	.4					
(E) 080-100	1.4	1.9	.5							
110-130	2.2	3.1	.1							
140-160	2.4	3.2	1.2	.4						
(S) 170-190	1.9	1.1	.1	.1						
200-220	2.2	2.2	.2							
230-250	1.5	2.4	1.1	.1						
(W) 260-280	4.4	7.1	5.7	1.1						
290-310	1.1	7.1	11.1	2.2	1.1					
320-340	2.4	4.1	3.7	.1	.1					
VARIABLE										
CALM	////////////

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 77 - JUN 79
UNITS: KTS HOURS: 15-17

WIND SPEED IN KNOTS										
1-2	3-29	30-34	35-39	40-49	50-64	65-99	TOTAL %	4-6 KTS %	7-10 KTS %
							5.5	7.1	6.2
.1							5.2	7.5	6.3
.4							4.7	6.2	7.0
							3.9	5.6	5.3
							4.3	5.1	4.5
							7.7	6.3	4.7
							2.7	5.2	4.3
							4.7	5.1	5.2
							3.7	5.9	4.3
							14.5	7.1	5.2
.1							23.2	11.1	17.3
.1							10.2	6.2	6.3
//							0.1	////////////	
.7							100.1	7.5	7.3

VALID OBSERVATIONS 644

D

OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC — FOR SUPPLY USE WITHIN

STATION NUMBER: 723088 STATION NAME: PHASE AP NH
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47
(N) 350-010	2.7	1.3	.7	.2	.1				
020-040	2.2	2.2	1.2	.4					
050-070	1.4	1.2		.4					
(E) 080-100	.3	.2	.3						
110-130	1.3	.4		.1					
140-160	3.1	1.4	.2	.2					
(S) 170-190	4.2	1.2		.2					
200-220	3.3	1.3	.1						
230-250	3.3	1.3	.7	.1					
(W) 260-280	3.3	3.3	1.2	.1					
290-310	4.3	10.7	5.1	2.3	.2				
320-340	3.3	4.1	2.4	.2					
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	35.4	31.2	13.3	4.3	.3				

TOTAL NUMBER OF OBSERVATIONS 4?

C - 4 - 17

A

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 77 - JUN
MONTH: FEB HOURS: 13-20

WIND DIR	WIND SPEED IN KNOTS						TOTAL		
	1-3	4-6	7-10	11-16	17-21	22-27			
.1							5.5	5.2	5.2
							7.5	7.3	7.3
							2.7	2.7	2.7
							1.5	1.5	1.5
							2.1	2.1	2.1
							4.1	4.1	4.1
							5.7	4.3	3.9
							5.4	4.1	3.7
							5.3	3.2	2.5
							11.1	5.2	4.3
.1							26.3	4.1	.7
							6.3	6.3	6.3
//////////	//////////	//////////	//////////	//////////	//////////	//////////	14.1	//////////	//////////
							100.0	4.7	.7

OBSERVATIONS = 49

D

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible]

STATION NUMBER: 723065 STATION NAME: [illegible]
LOC ID NUC: [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	[illegible]	[illegible]
(N) 350-010	2.5	3.4	.9	.2	.0				
020-040	1.3	2.4	1.3	.5	.1				
050-070	.7	.3	.1	.3	.1				
(E) 080-100	.7	.1	.1	.1					
110-130	.7	.7	.2						
140-160	.3	1.3	.4	.1					
(S) 170-190	1.7	1.2	.1	.1					
200-220	.3	2.4	.4						
230-250	.1	1.3	.2						
(W) 260-280	.3	5.1	1.3	.2					
290-310	.4	7.4	5.4	1.1	.1				
320-340	.7	3.1	1.3	.5	.2				
VARIABLE									
CALM	//								
TOTALS	14.3	33.9	12.1	3.0	.5				

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

OPERATING LOCATION NAM[illegible] PERCENTAGE FREQUENCY OF OCCURRENCE BY WIND DIRECTION AND WIND SPEED

USAFETAC, ASHEVILLE NC [illegible]

STATION NUMBER: 72[illegible] STATION NAME: [illegible]

LST TO UTC: + 5 [illegible]

DIRECTION (TENS OF DEGS)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55
(N) 350-010	3.3	3.[illegible]	1.4	.[illegible]	.1					
020-040	[illegible].1	2.[illegible]	1.3	.4	.[illegible]					
050-070	.[illegible]	1.2	.[illegible]	.2	.1					
(E) 080-100	.[illegible]	.[illegible]	.4	.1	.[illegible]	.[illegible]				
110-130	.[illegible]	.	.[illegible]	.1						
140-160	[illegible].[illegible]	1.[illegible]	.	.[illegible]	.[illegible]					
(S) 170-190	1.[illegible]	1.[illegible]	.[illegible]	.1	.[illegible]					
200-220	[illegible].[illegible]	1.[illegible]	.[illegible]							
230-250	[illegible].	1.[illegible]	.[illegible]	.1						
(W) 260-280	[illegible].1	[illegible].[illegible]	[illegible].[illegible]	.[illegible]	.1	.[illegible]				
290-310	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	.					
320-340	[illegible].1	[illegible].[illegible]	1.[illegible]	.[illegible]	.1					
VARIABLE										
CALM	//////////////

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "BA" PERCENTAGE FREQUENCY OF [illegible]
[illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]

CATEGORY: [illegible]

VISIBILITY IN [illegible]

[illegible]	1-4	5-8	11-16	17-21	22-27	28-33	34-40	[illegible]
(DEGREES)								
(N) 350-10	.7	2.4	4.1	1.9	.2			
20-40	.7	1.2	2.7	1.1	.1			
50-70	1.7	2.2	1.2	1.7	.2			
(E) 80-100	1.3	2.2	1.2	.3	.1	.1		
110-130	.	1.1	1.4	1.3				
140-160	1.3	1.2	.4	1.2	.4			
(S) 170-190	1.3	.9	.7	.7	.1			
200-220	.	.2						
230-250	.	1.4	.4					
(W) 260-280	1.2	.7						
290-310	1.4	.4	.2		.1			
320-340	4.3	4.7	2.2	.7	.1			
VARIABLE								
CALM	////////////

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FOR HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 74 - JUN [illegible]
UNIT: PCT HOURS: ALL

CEILING AND VISIBILITY OF 1/2 MILE (800 METERS).

WITH CEILING LESS THAN 2 MILES (3200 METERS) WITH CEILING OF 200 FT.

WIND SPEED (KNOTS)							TOTAL	CUM.	% CUM
							%	FREQ	FREQ
.2							22.2	7.2	2.2
.1							19.1	7.1	7.3
.0							7.6	2.3	7.2
.1	.1						2.6	2.7	.2
							4.2	12.1	12.1
.3							4.4	2.7	3.1
.1							3.1	2.4	11.2
							1.1	1.	.2
							2.3	1.1	4.2
							2.3	2.2	3.2
.1							2.1	1.1	4.2
.1							11.2	4.7	4.1
//							12.1	//////////	
1.2	.1						100.2	4.5	4.2

OBSERVATIONS 4.2

D

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE [illegible]
[illegible] FOR PART A

STATION NUMBER: 723085 STATION NAME: PEASE AFB NH

LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-43
(N) 350-010	2.5	3.9	1.4	.5					
020-040	1.1	4.9	2.4	.2					
050-070	.	1.3	1.1	.2	.1				
(E) 080-100	.3	.4	.1						
110-130	.3		.2	.1					
140-160	2.7	.3	.3						
(S) 170-190	1.4	.6	.3						
200-220	3.4	1.	.3						
230-250	.3	2.3	.4	.1					
(W) 260-280	.3	3.1	2.3	1.6	.4				
290-310	.1	1.2	1.3	.3	.1	.1			
320-340	.3	3.4	1.3	.3					
VARIABLE									
CALM	//								
TOTALS	33.4	27.2	14.3	3.5	.5	.1			

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: AUG HOURS: 00-02

[illegible] KNOTS							TOTAL %	[illegible] %	[illegible] %
							8.2	7.1	7.2
							8.6	7.[illegible]	[illegible]
.1							8.1	.[illegible]	[illegible]
							.[illegible]	5.[illegible]	[illegible]
							1.2	[illegible]	[illegible]
							3.[illegible]	[illegible]	[illegible]
							2.[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
.[illegible]							13.4	[illegible]	[illegible]
.1	.1						15.[illegible]	7.[illegible]	7.[illegible]
							7.[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]
.[illegible]	.[illegible]						100.[illegible]	[illegible]	[illegible]

[illegible] OBSERVATIONS [illegible]

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY WIND DIRECTION AND WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723095 STATION NAME: [illegible]
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-47
(N) 350-010	2.2	3.4	1.[illegible]	.2					
020-040	2.6	3.9	2.4	.2					
050-070	.9	1.1	.8	.4	.2				
(E) 080-100	.2	.2	.1	.3					
110-130	.4	.2	.[illegible]	.1					
140-160	1.4	.4	.4						
(S) 170-190	1.2	.5	.2						
200-220	1.[illegible]	1.[illegible]							
230-250	4.[illegible]	3.3	.[illegible]	.3					
(W) 260-280	.7	3.[illegible]	1.6	.4	.3				
290-310	.7	5.[illegible]	3.[illegible]	1.4					
320-340	.4	3.2	1.7	.4					
VARIABLE									
CALM	//////////////

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF REPORT: JUL 73 - JUL 77
MONTH: MAR HOURS: 03-05

WIND SPEED IN KNOTS

1-4	5-7	8-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	64 & UP	TOTAL %	MEAN WIND	PEAK WIND
												7.3	5.9	
												6.7	7.3	
												3.2	12.3	
												.9	9.2	12.5
												1.3		
												2.3		
												1.9		
												4.3	4.4	
												13.5		
												14.2	7.3	
												9.1	4.1	
//												22.7	//////////	
												100.0	5.1	5.3

OBSERVATIONS 939

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE BY [illegible]
USAFETAC, [illegible] VILLE, NC — [illegible] MONTHLY [illegible] VARIOUS

STATION NUMBER: 72[illegible] — STATION NAME: [illegible] — [illegible]
LST TO UTC: + 5 — [illegible]

DIRECTION (TENTHS)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-47	[illegible]
(N) 350-010	[illegible]	3.7	[illegible]	[illegible]						
020-040	3.5	3.7	2.7	.2						
050-070	.1	1.7	.3	.3	.4					
(E) 080-100	.3	.1	.1	.2						
110-130	.4	.3	.2	.2						
140-160	1.7	.4	.4	.5						
(S) 170-190	1.6	[illegible]	.3							
200-220	[illegible]	1.9	.3							
230-250	.1	1.9	.2							
(W) 260-280	.3	[illegible]	3.4	.7	.3					
290-310	.1	.2	[illegible]	1.[illegible]	.3					
320-340	[illegible]	.5	1.[illegible]	.3						
VARIABLE										
CALM	//////////////

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
(PERCENT HOURLY OBSERVATIONS)

PERIOD OF RECORD: JUL 77 - JUN 82
MONTH: ANN HOURS: 00-01

WIND DIR (KNOTS)						TOTAL %		
						4.2	7.2	3.4
						9.6	7.8	7.9
						3.5	9.2	4.0
						4.2	9.3	7.9
						1.2	7.8	4.3
						2.1	7.7	4.3
						2.2	4.2	4.3
						4.2	5.1	4.3
						4.1	4.8	4.3
						12.2	7.1	4.2
						14.4	7.2	7.3
						11.1	5.1	4.3
//						17.5	//////////	
						100.0	5.3	4.3

TOTAL OBSERVATIONS 733

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF [illegible]

STATION NUMBER: 723136 STATION NAME: PEASE, AFB, NH

LST TO UTC: 4 5

DIRECTION (DEGREES)	WIND SPEED (KNOTS) 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-47
(a) 350-010	3.3	3.2	2.2	.2					
020-040	2.3	4.2	2.5	.2					
050-070	2.1	2.8	1.5	.2	.3				
(b) 080-100	1.2	.6	1.0	.1					
110-130	1.8	1.2	.5	.2					
140-160	.7	1.2	.3	.2					
(c) 170-190	.6	1.5	.2	.1					
200-220	1.1	2.4	.2						
230-250	4.7	5.3	1.4	.2	.1				
(d) 260-280	3.1	4.2	1.6	.2	.1				
290-310	2.1	3.7	3.3	1.2	.1				
320-340	4.3	4.1	4.4	.2	.1				
VARIABLE									
CALM	////////////

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
(HOURLY OBSERVATIONS)

PERIOD OF RECORD: JUL 73 - JUN 83
MONTH: MAY HOURS: 23-11

(KNOTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	TOTAL	MEAN SPD	MEDIAN SPD
												7.2	7.3	7.2
												10.4	7.1	7.0
												5.4	7.3	7.0
												5.1	7.0	7.0
												3.2	7.0	7.0
												2.3	7.1	7.1
												2.3	7.2	7.0
												4.4	7.1	7.1
												3.2	7.2	7.0
												14.2	11.1	11.1
												14.7	11.1	11.1
												12.3	7.5	7.2
////////////

OPERATING LOCATION: WAW PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE (FIXED)
USAFETAC, ASHEVILLE NC FOR: HOURLY OBS - ALL HRS

STATION NUMBER: 725065 STATION NAME: BLACK ARS NH PAGE
LST TO UTC: + 5 UNITS:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-
(N) 350-010	1.3	4.2	2.5	.1						
020-040	.7	2.4	1.7	.2	.1					
050-070	1.3	3.2	2.3	.2	.2					
(E) 080-100	2.2	3.6	1.2	.2						
110-130	1.3	7.2	.3							
140-160	1.1	4.2	1.4	.4	.1					
(S) 170-190	.3	1.3	.2	.1						
200-220	1.0	2.3	1.3	.2						
230-250	1.1	2.5	1.7	.2						
(W) 260-280	1.2	3.3	3.7	1.3	.2	.1				
290-310	.7	3.1	6.1	4.2	1.5	.2				
320-340	1.3	3.7	3.0	.9	.1					
VARIABLE										
CALM	////	////	////	////	////	////	////	////	////	////
TOTALS	14.7	41.3	29.7	8.3	2.3	.3				

TOTAL NUMBER OF OBSERVATIONS

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FOR THE ENTIRE PERIOD OF RECORD

STATION: [illegible] PERIOD OF RECORD: JUL 74 - JUN 79
MONTH: ANN HOURS: 12-14

WIND SPEED IN KNOTS

	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+	TOTAL %	MEAN KNOTS	RESULTANT KNOTS
												7.7	5.1	3.9
												5.3	4.3	7.0
												7.5	4.2	6.3
												7.0	6.2	10.3
												9.4	7.4	13.3
												7.2	7.4	14.4
												2.2	9.1	20.2
												4.1	11.0	29.3
												1.2	17.7	47.6
												12.7	15.4	17.4
												10.3	13.3	15.3
												9.1	9.1	9.9
////////////

OPERATING LOCATION WAN PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE (I.E.)
USAFETAC, ASHEVILLE, NC FROM JULY [illegible] ATTIS

STATION NUMBER : 723386 STATION NAME: PEASE AFB, NH [illegible]
LST IS UTC: + 5 [illegible]

DIRECTION (DEGREES)	WIND SPEED (KNOTS) 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	[illegible]
(N) 350-010	.3	2.3	1.2	.1						
020-040	2.3	2.4	1.4	.1	.1					
050-070	1.4	3.6	2.2	.4						
(E) 080-100	1.5	2.0	1.3							
110-130	2.7	4.0	.4							
140-160	1.7	3.4	3.0	.2	.2					
(S) 170-190	.4	1.3	.4							
200-220	.5	1.1	1.1	.1						
230-250	1.2	1.4	1.2	.2						
(W) 260-280	1.1	3.3	4.3	1.2	.3					
290-310	.5	3.2	7.1	4.4	1.3	.1				
320-340	.4	3.4	4.5	1.5	1.1	.1				
VARIABLE										
CALM	//									
TOTALS	12.4	34.9	33.0	9.3	3.2	.2				

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

[illegible]

[illegible]

[illegible]

[illegible] SURFACE [illegible] DIRECTION VERSUS WIND SPEED
[illegible] MONTHLY [illegible] PERCENTS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: MAR HOURS: 1-24

[illegible] SPEED IN KNOTS [illegible] 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	64+	TOTAL %	WEST (270) %	PREVAIL (180) %
												4.2	4.3	5.0
.7												.5	5.1	7.3
												5.4	5.7	7.3
												9.1	9.3	9.3
												5.4	4.3	4.3
.1												1.1	.3	.3
												3.7	3.7	3.3
												4.7	4.4	5.3
.1												3.3	3.3	3.3
.3												3.3	4.7	4.3
.7												14.3	4.3	3.7
.												11.3	4.1	4.3
////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY [illegible]

STATION NUMBER: 72[illegible] STATION NAME: [illegible]

LST IN UTC: + 5

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-45
(N) 350-010	1.3	2.3	2.9						
020-040	1.7	3.5	2.3	.4					
050-070	1.1	.9	.5	.3					
(E) 080-100	.5	1.1	.5						
110-130	.5	.5	.2						
140-160	.7	1.7	.5	.1					
(S) 170-190	2.7	.5	.						
200-220	1.1	2.7	.						
230-250	1.	1.[illegible]	.[illegible]						
(W) 260-280	4.5	5.3	1.[illegible]	.[illegible]	.3				
290-310	3.1	5.7	4.5	1.1	.7				
320-340	1.1	3.[illegible]	2.[illegible]	.					
VARIABLE									
CALM	//								
TOTALS	31.7	33.2	17.1	3.1	.7				

TOTAL NUMBER OF OBSERVATIONS [illegible]

C - 4 - [illegible]

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
(WITH CORRELATE BASE VALUES)

[illegible] [illegible] PERIOD OF RECORD: JUL 74 - JUL 77
MONTH: MAY HOURS: 21-23

WIND SPEED IN KNOTS									
1-4	5-7	8-10	11-13	14-16	17-19	20-22	23 OR MORE	TOTAL %	CUM % (ALL)
								6.7	7.2
								4.1	7.4
								2.9	7.3
								2.4	7.1
								1.4	6.6
								0.7	5.2
								0.1	4.5
								0.0	4.3
								0.1	4.3
								0.1	4.2
								13.1	5.7
								15.7	5.5
								12.2	4.7
////////////

OPERATING LOCATION: "A" PERCENTAGE FREQUENCY OF OBSERVED SURFACE WIND
USAFETAC, ASHEVILLE NC FOR HOURLY OBSERVATIONS

STATION NUMBER: 72[illegible] STATION NAME: [illegible] LST TO UTC: + 5 PERIOD: [illegible] MONTH: [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50+
(N) 350-010	1.5	3.2	1.9	.7						
020-040	2.2	3.5	2.2	.2	.1					
050-070	1.1	1.5	1.5	.3	.1					
(E) 080-100	1.1	1.2	.7	.1						
110-130	1.4	2.2	.4	.1						
140-160	2.1	2.7	1.1	.2	.1					
(S) 170-190	1.5	1.1	.4	.3						
200-220	1.2	1.4	.7	.1						
230-250	2.2	2.4	.7	.1	.1					
(W) 260-280	5.3	6.3	3.4	1.1	.2	.1				
290-310	5.1	5.3	5.3	2.4	.7	.1				
320-340	3.1	4.3	2.2	.7	.2	.1				
VARIABLE										
CALM	//////////////

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: MAR HOURS: ALL

WIND SPEED IN KNOTS							TOTAL	MEAN	MEDIAN
1-3	4-6	7-10	11-16	17-21	22-27	28-33	%	WIND	WIND
							7.1	7.4	7.0
.1							4.2	7.3	7.0
.2							4.7	7.3	7.0
							3.9	5.5	5.0
							4.1	7.1	7.0
.1							3.9	6.3	6.0
							3.9	5.3	5.0
							4.3	6.2	6.0
.2							4.2	6.3	6.0
.2	.2						12.9	6.2	6.0
.2	.1						14.1	6.5	7.0
.1	.2						13.1	7.2	7.0
//							13.3	//////////	
1.2	.1						100.0	6.6	7.0

[illegible] OBSERVATIONS 7440

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SPREAD WIND SP
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 724055 — STATION NAME: PEASE AFB NH — PERIOD
LST TO UTC: + 5 — MONTH:

CATEGORY A: CEILING OF 200 FEET LESS THAN 1000 FEET WITH VISIBILITY OF 1/2 MILE
AND/OR
VISIBILITY OF 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4

	WIND SPEED IN KNOTS								
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	3.2	3.0	4.9	.5					
020-040	4.1	11.3	3.3	1.0	.1				
050-070	2.0	5.5	3.7	.4	.2				
(E) 080-100	1.5	1.4	2.0	.3					
110-130	.7	1.4	1.1	.5					
140-160	1.1	1.3	1.5	1.0	.5				
(S) 170-190	.2	1.1	1.1	.2					
200-220	1.2	.5	.4						
230-250	.3	.4							
(W) 260-280	1.4	.3		.3					
290-310	1.5	.5	.2	.1					
320-340	3.2	4.5	1.4	.2					
VARIABLE									
CALM	////////////

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM SUPPLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUL [illegible]
MONTH: MAR HOURS: ALL

CEILING AND VISIBILITY OK

(1) CEILING LESS THAN 200 FEET AND/OR VISIBILITY LESS THAN 1/2 MILE (0800 METERS).

(2) BUT NOT LESS THAN 200 FEET AND/OR VISIBILITY NOT LESS THAN 1/2 MILE (0800 METERS).

(3) BUT NOT LESS THAN 600 FEET AND/OR VISIBILITY NOT LESS THAN 1 MILE (1600 METERS).

(4) BUT NOT LESS THAN 1000 FEET AND/OR VISIBILITY NOT LESS THAN 2 MILES (3200 METERS).

(5) BUT NOT LESS THAN 3 MILES (4800 METERS) WITH CEILING OF 200 FEET.

(6) BUT NOT LESS THAN 3 MILES (4800 METERS) WITH CEILING OF 500 FEET.

(7) BUT NOT LESS THAN 3 MILES (4800 METERS) WITH CEILING OF 1000 FEET.

(8) BUT NOT LESS THAN 5 MILES (8000 METERS) WITH CEILING OF 1000 FEET.

(9) BUT NOT LESS THAN 5 MILES (8000 METERS) WITH CEILING OF 1500 FEET.

(10) BUT NOT LESS THAN 5 MILES (8000 METERS) WITH CEILING OF 2000 FEET.

OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND OBSERVATIONS
USAFETAC, ASHEVILLE NC — ALL SUPPLY OBSERVATIONS

STATION NUMBER: 723055 — STATION NAME: NDAS, ARNOLD AFB, TN — PERIOD OF RECORD: 43-74
LST IS UTC: + 6

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
(N) 350-010	2.9	2.3	1.3							
020-040	3.3	2.4	1.0	.1						
050-070	1.3	2.1	1.0	1.0	.1					
(E) 080-100	.3	1.2	.5							
110-130	1.2	.9	.2							
140-160	2.0	1.6	.4	.1						
(S) 170-190	2.2	.3	.2							
200-220	2.3	2.3	.1	.2						
230-250	3.1	1.9	.4	.2						
(W) 260-280	5.2	7.0	.7	.3						
290-310	3.3	4.3	2.0	.4	.1					
320-340	4.3	3.7	.7	.1						
VARIABLE										
CALM	//////////////

...LNCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
...R HOURLY OBSERVATIONS

...N ... PERIOD OF RECORD: JUL 79 - JU...
MONTH: APR HOURS: 20-02

...D SPEED IN KNOTS ...							TOTAL %	MEAN WIND	MEDIAN WIND
							7.1	5.3	5.0
							6.2	4.6	5.0
.1							5.0	4.1	5.0
							2.5	5.7	7.0
							2.9	4.4	4.0
							3.1	3.9	4.0
							2.9	4.0	3.0
							3.4	4.2	4.0
							3.7	5.1	4.0
							13.9	5.3	5.0
.1							10.6	5.0	5.0
							5.0	5.2	5.0
///							25.0	//////////	
.							100.0	4.6	5.0

... VALID OBSERVATIONS ...

OPERATING LOCATION: WAW PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 726255 STATION NAME: PEASE AFB NH [illegible]
LST TO UTC: + 5 MONTH: [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	[illegible]
(N) 350-010	2.7	3.3	.7	.3						
020-040	3.7	4.4	2.7	.1	.1					
050-070	3.1	3.1	1.1	.2	.2					
(E) 080-100	.8	.9	.6							
110-130	1.9	1.4	.9	.1						
140-160	2.4	.7	.2	.1						
(S) 170-190	1.7	.2								
200-220	2.3	2.3	.3							
230-250	4.0	2.3	.7							
(W) 260-280	6.3	5.2	.9	.3						
290-310	4.1	4.7	1.4	1.2	.1					
320-340	3.7	3.3	.6	.1						
VARIABLE										
CALM	////////////

...ENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
...FROM HOURLY OBSERVATIONS

...ON   PERIOD OF RECORD: JUL 73 - JUN 83
MONTH: APR   HOURS: 03-05

SPEED (KNOTS)							TOTAL %	MEAN WIND	MEDIAN WIND
...4	25-29	30-34	35-39	40-47	50-54	55-65			
							7.1	3.9	3.2
.1							11.0	3.5	3.0
.2							9.4	7.4	7.0
							2.2	6.7	6.2
							4.3	9.7	9.0
							3.3	4.7	4.3
							1.3	2.1	1.9
							3.1	4.7	4.3
							7.4	5.3	4.8
							12.7	5.1	4.5
.3							11.3	7.1	6.3
							.2	9.3	9.0
//							14.7	//////////	
.4							100.0	4.7	3.9

...S WITHIN 990

D

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE BY SURFACE WIND
USAFETAC, ASHEVILLE NC — 4-DAILY OBSERVATIONS

STATION NUMBER: 723053 — STATION NAME: PEASE AFB NH — PERIOD:
LST TO UTC: + 5 — YEARS:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
(N) 350-010	2.1	4.2	1.3	.2					
020-040	3.2	4.6	3.4	.1	.1				
050-070	2.3	2.9	2.1	.3	.1				
(E) 080-100	.3	1.6	.4						
110-130	.8	1.4	.7	.2	.1				
140-160	.2	.4	.3						
(S) 170-190	1.6	.4							
200-220	2.4	1.9	.7						
230-250	4.1	3.7	.5						
(W) 260-280	4.3	5.2	2.3	.2					
290-310	3.2	4.1	3.7	1.4	.3	.1			
320-340	3.7	3.3	2.3	.4					
VARIABLE									
CALM	////	////	////	////	////	////	////	////	////
TOTALS	31.5	34.5	19.2	2.9	.5	.1			

TOTAL NUMBER OF OBSERVATIONS 992

C - 4 - 37

[illegible] OF [illegible] AND DIRECTION VERSUS WIND SPEED
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
AIRWAY: AR[illegible] [illegible] [illegible]: 06-07

WIND SPEED IN KNOTS

[illegible]	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	64 & UP	TOTAL %	CALM WINDS %	VARIABLE %
													7.7	2.2	2.2
.1													11.4	7.1	7.1
.1													.1	.1	.1
													2.1	1.3	1.3
.1													3.1	1.3	1.3
													2.1	1.1	1.1
													2.1	1.3	1.3
													1.1	1.1	1.1
													.3	1.1	1.1
													12.1	1.1	1.1
.1	.1												12.1	.1	.1
													1.1	1.1	1.1
////////////

OPERATING LOCATION: RAW
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE FOR

STATION NUMBER: 72[illegible]

STATION NAME: [illegible]

1ST TO 31ST: [illegible]

HOUR (GMT)

DIRECTION (256ths)	1-4	5-8	9-12	13-16	17-20	21-24	[illegible]
(N) 350-010	2.0	2.2	2.1	.2			
020-040	1.3	3.3	3.1	.4	.1		
050-070	1.7	4.3	2.7	1.0	.2		
(E) 080-100	1.2	4.3	1.5	.1			
110-130	1.1	4.2	1.0	.1			
140-160	1.2	3.2	1.0	.0	.1		
(S) 170-190	1.0	.7		.1			
200-220	1.7	3.1	1.1	.1			
230-250	3.1	5.4	.4	.4			
(W) 260-280	3.2	6.2	3.0	.7			
290-310	1.7	2.7	5.0	3.0	1.0		
320-340	1.0	2.7	4.0	.7	.1	.1	
VARIAB							
CALM	////////////

[illegible] FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: APR HOURS: 00-11

WIND SPEED IN KNOTS							TOTAL %	[illegible]	[illegible]
							[illegible]	7.9	7.3
.1							[illegible]	7.1	[illegible]
.3							15.[illegible]	[illegible]	[illegible]
							[illegible]	7.3	7.[illegible]
							[illegible]	7.[illegible]	[illegible]
.1							[illegible]	7.[illegible]	7.[illegible]
							1.[illegible]	[illegible].1	[illegible]
							[illegible]	[illegible]	[illegible]
							7.[illegible]	[illegible].1	[illegible]
							12.1	[illegible].1	7.[illegible]
[illegible]							13.[illegible]	11.[illegible]	11.[illegible]
.[illegible]	..						[illegible]	[illegible]	[illegible]
//							[illegible]	////////////	
[illegible]	.1						100.[illegible]	7.9	[illegible]

[illegible] VARIABLE [illegible]

[illegible] - [illegible] - [illegible]

OPERATING LOCATION: WAM — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC — FOR HOURLY OBSERVATIONS

STATION NUMBER: 72305 — STATION NAME: BLAST AREA — PERIOD OF RECORD: ALL
LST TO UTC: + 5 — YEARS: ALL

DIRECTION (TRUE)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-
(N) 350-010	.3	2.0	2.2	.1						
020-040	.2	2.4	2.1	.6						
050-070	1.1	2.9	2.1	.7	.2					
(E) 080-100	.7	3.3	3.2	.3	.2					
110-130	2.6	12.3	2.0	.4						
140-160	1.1	1.4	2.7	.4						
(S) 170-190	.3	1.4	.7							
200-220	.3	1.9	1.3	.5						
230-250	1.1	3.7	1.4	.2						
(W) 260-280	.7	3.3	4.7	.8	.1					
290-310	.2	1.9	5.	3.4	.3					
320-340	.4	2.3	2.2	1.2	.3					
VARIABLE										
CALM	//////////////

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUL [illegible]
MONTH: APR HOURS: 12-24

SPEED (KNOTS) 1-24	25-34	35-39	40-49	50-54	55-63	TOTAL	[illegible] (KTS)	MEAN (KTS)
						4.7	3.2	2.5
						5.7	3.3	2.5
						5.2	4.3	2.0
						10.2	4.2	2.9
						17.3	7.5	4.1
						8.7	4.4	3.1
						2.7	2.2	1.2
						4.1	2.1	.7
						9.4	7.4	7.1
						9.3	4.3	2.3
						12.7	12.3	13.1
						7.4	11.1	11.1
//						1.2	//////////	
						100.1	6.1	4.1

[illegible] OBSERVATIONS = 493

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE [illegible]
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723065 STATION NAME: [illegible]
LST IN UTC: + 5

WIND SPEED IN KNOTS

DIRECTION (TRUE)	1-6	7-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-
(N) 350-010	.5	2.6	1.5	.1						
020-040	1.0	1.7	1.7	.3						
050-070	1.4	4.2	1.5	.5	.1					
(E) 080-100	1.3	4.4	2.2	.3	.2					
110-130	3.3	11.2	2.7	.1						
140-160	2.3	4.1	2.3	.7						
(S) 170-190	.2	1.5	.5	.1						
200-220	.3	1.0	.1							
230-250	.4	2.1	1.7							
(W) 260-280	.2	4.3	4.4	.2						
290-310	.4	2.1	5.3	1.4	.4					
320-340	.4	2.3	2.4	2.1	.7					
VARIABLE										
CALM	//////////////

UENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] NM PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: APR HOURS: 15-17

D SPEED IN KNOTS [illegible]	25-29	30-34	35-39	40-49	50-64	65-99	TOTAL %	MEAN SPD	MEDIAN SPD
							4.2	3.4	3.0
							4.9	4.9	4.0
.1							5.9	5.1	5.0
.2							7.1	7.1	7.0
							17.3	7.1	7.0
							17.3	6.4	6.0
							4.4	5.1	5.0
							3.9	7.5	6.0
							4.3	4.9	4.0
							3.7	8.2	10.0
.4							10.4	11.7	12.0
.3							8.3	12.2	12.0
//							2.5	////////////	
							100.0	8.3	8.0

[illegible] OBSERVATIONS 480

2 - 4 - 35

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
ALL MULTIPLE OBSERVATIONS

STATION NUMBER: 723050 STATION NAME: PHASE A, [illegible] PERIOD
LST [illegible] UTC: + 5 MONTH:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-[illegible]	30-34	[illegible]	40-[illegible]	[illegible]
(N) 350-012	.3	2.7	.2	.4						
020-048	1.2	5.1	2.1	.1						
050-078	2.9	2.6	.4	.3	.1					
(E) 080-108	3.2	2.1	1.1							
110-138	.1	4.4	.7	.2	.3					
140-168	.7	.2	.3							
(S) 170-198	3.2	2.4	.3							
200-228	3.1	1.9	.4	.3						
230-258	2.2	1.7	.3							
(W) 260-288	2.2	2.0	1.7	.1						
290-318	2.7	9.4	3.3	.4	.3	.1				
320-348	1.2	2.3	1.3	1.2	.1					
VARIABLE										
CALM	////////////

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 72 - JUN 87
MONTH: APR HOURS: 12-20

WIND SPEED IN KNOTS

[illegible]	[illegible]	25-34	35-47	48-63	64 OR MORE	TOTAL %	MEAN WIND	MEDIAN WIND
						4.8	8.3	7.0
						5.6	7.9	6.0
.1						7.2	7.0	6.0
						6.2	5.4	5.0
.3						10.0	6.3	5.0
						13.	6.	6.0
						5.2	4.	4.0
						4.3	5.6	5.
						4.3	5.3	4.5
						5.8	6.	6.0
.3	.1					13.3	6.3	5.0
.1						6.	6.1	6.
//////////	//////////	//////////	//////////	//////////	//////////	13.3	//////////	//////////
.	.1					100.0	6.	6.0

NUMBER OF OBSERVATIONS = 899

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC FROM MULTIPLY CASE STATIONS

STATION NUMBER: 725095 STATION NAME: PEASE AFB NH PERIOD
LST TO UTC: + 5 MONTH: A

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-
(N) 350-010	2.1	2.0	.9	.1						
020-040	3.1	3.1	1.3	.3						
050-070	2.3	1.1	.7	.7						
(E) 080-100	1.1	.3	.3							
110-130	2.5	1.3	1.1							
140-160	4.3	1.1	.7	.1						
(S) 170-190	3.2	.8	.2		.1					
200-220	2.1	1.5	.2	.1						
230-250	3.6	2.2	.4							
(W) 260-280	4.3	4.5	1.4							
290-310	4.3	4.3	1.9	.5						
320-340	1.9	3.6	2.4	.7	.3					
VARIABLE										
CALM	////////////

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN
MONTH: APR HOURS: 21-23

33-40 IN KNOTS						TOTAL %	MEAN WIND	PEAK WIND
						5.1	5.2	6.2
						7.9	6.4	8.3
						4.7	7.3	9.3
						2.2	6.7	8.3
						5.3	5.2	6.2
						3.5	4.3	6.3
						4.2	4.2	4.3
						4.7	5.9	8.3
						4.2	4.5	6.3
						10.2	5.2	6.3
						10.2	5.2	6.3
						2.3	3.4	4.2
//						22.3	////////////	
						100.3	4.7	9.3

OF OBSERVATIONS 399

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF [illegible] SURFACE [illegible]
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 723065 STATION NAME: [illegible] [illegible]
LST TO UTC: + 5 [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-
(N) 350-010	1.7	2.7	1.4	.2						
020-040	2.3	3.1	2.4	.3	.0					
050-070	1.9	2.5	1.5	.7	.1					
(E) 080-100	1.4	2.7	1.4	.1	.1					
110-130	2.2	4.5	1.3	.2	.1					
140-160	3.1	3.3	1.5	.2	.2					
(S) 170-190	1.3	.9	.3	.2	.2					
200-220	1.9	2.0	.5	.2						
230-250	2.3	2.5	.4	.1						
(W) 260-280	2.3	4.7	2.4	.3	.0					
290-310	3.4	3.9	3.7	1.5	.4	.1				
320-340	2.2	3.1	2.0	.7	.2	.0				
VARIABLE										
CALM	////	////	////	////	////	////	////	////	////	////
TOTALS	27.0	36.0	19.7	4.5	.9					

TOTAL NUMBER OF OBSERVATIONS 720

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: APR HOURS: ALL

SPEED IN KNOTS								
	25-29	30-34	35-39	40-44	45-49	50 OR MORE	TOTAL	MEAN SPEED	MEAN SPEED
								(KTS)	(MPH)
							5.9	7.0	8.1
							4.1	7.3	8.4
							3.2	6.8	7.8
							5.6	7.3	8.4
							4.1	6.7	7.7
							.3	5.7	6.5
							3.2	6.9	7.9
							4.3	6.2	7.1
							4.3	6.7	7.7
							10.7	6.2	7.1
							11.7	6.3	7.3
							8.2	6.3	7.3
//							12.1	//////////	
							100.2	5.9	7.0

OBSERVATIONS (229)

b

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE FOR OBSERVATIONS

STATION NUMBER: 726055 STATION NAME: PEASE AFB NH

LST IN UTC: + 5

CATEGORY A: CEILING OF 200 FEET LESS THAN 1000 FEET AND/OR VISIBILITY OF 1/2 MILE (800 METERS) BUT LESS THAN 1 MILE (1600 METERS)

DIRECTION	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-45
(DEG TRUE)									
(N) 350-010	2.9	4.7	2.7	.8					
020-040	4.6	7.8	5.0	1.1	.2				
050-070	4.5	6.4	5.3	2.5	.5				
(E) 080-100	2.0	5.2	2.7	.5	.1				
110-130	2.3	4.5	2.0	.4	.3				
140-160	2.2	2.4	1.7	.3	.1				
(S) 170-190	1.3	.2	.2						
200-220	1.4	.7	.2						
230-250	1.1	.3							
(W) 260-280	.2	1.2	.4						
290-310	1.3	.7	.3	.3	.1				
320-340	1.1	2.1	1.4	.2					
VARIABLE									
CALM	//								
TOTALS	24.7	38.2	25.2	5.8	1.3				

TOTAL NUMBER OF OBSERVATIONS 1210

[illegible] OF [illegible] [illegible] [illegible] [illegible]
[illegible]

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: ALL HOURS: ALL

[illegible] WITH VISIBILITY OF 1/2 MILE (1000 METERS).

[illegible] LESS THAN 3 MILES (4800 METERS) WITH CEILING OF 200 FEET.

CEILING IN HUNDREDS OF FEET

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL	[illegible]	[illegible]
							[illegible]	[illegible]
						10.5	7.3	[illegible]
						21.1	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						3.5	7.[illegible]	7.[illegible]
						[illegible]	7.[illegible]	7.[illegible]
						4.7	7.3	[illegible]
						1.4	4.[illegible]	[illegible]
						[illegible]	4.[illegible]	[illegible]
						[illegible]	4.[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						4.[illegible]	7.3	7.[illegible]
[illegible]						[illegible]	7.[illegible]	[illegible]
						1[illegible].[illegible]	7.3	7.[illegible]

[illegible] [illegible] [illegible]

OPERATING LOCATION "A"
USAFSTAC, ASHEVILLE NC

STATION NAME : ZONE 5 STATION [illegible]: ZONE 5
LST IN HRS: + 5

DIRECTION (TO)	1-3	4-6	10-14	15-17	21-24	25-27	28-31	32-34	35-38	39-41
(N) 350-010	4.3	1.3								
020-040	3.7	2.2	.	.1						
050-070	1.7	1.6	.2							
(E) 080-100	1.3	.2								
110-130	1.4	1.7	.7							
140-160	.7	1.4								
(S) 170-190	2.3	.3	.1							
200-220	4.4	3.3	.1							
230-250	4.4	2.4	.1							
(W) 260-280	4.3	3.3	.3							
290-310	4.7	1.7	.7							
320-340	4.4	1.1	.2							
CALM	//									
TOTALS	45.	22.4	3.3	.1						

OPERATIONAL LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY DIRECTION AND
CEILING VERSUS VISIBILITY

STATION NUMBER: 723366 STATION NAME: PEASE AFB NH
LST IN UTC: + 5 YEARS:

DIRECTION (DEG TRUE)	WIND SPEED IN KNOTS 1-4	5-7	11-14	15-19	20-24	25-29	30-34	35-39	40+
(N) 350-010	[illegible]	1.5	.4						
020-040	2.2	2.7	.6						
050-070	3.2	2.8	1.4						
(E) 080-100	1.8	.4							
110-130	1.3	.2	.1						
140-160	1.4	1.2	.4						
(S) 170-190	2.1	.2							
200-220	3.2	3.2	.3						
230-250	4.3	4.1	.5						
(W) 260-280	2.9	3.5	.7						
290-310	1.1	1.7	.3	.1					
320-340	.9	1.2	.1						
VARIABLE									
CALM	//								
TOTALS	24.4	23.2	4.2	.1					

TOTAL OBSERVATIONS

...QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
...FROM HOURLY OBSERVATIONS

...STATION: ... PERIOD OF RECORD: JUL 73 - JUN ...
MONTH: MAY HOURS: 03-06

...D SPEED IN KNOTS ...	...	...	...	...	...	TOTAL %	... AVG WIND	... WIND
						8.3	4.0	4.2
						6.5	5.5	6.3
						4.4	5.3	5.9
						1.5	3.5	3.7
						1.7	3.5	3.7
						3.4	4.3	4.7
						3.5	3.5	3.7
						4.1	4.2	4.4
						7.3	4.3	4.3
						11.3	4.3	4.5
						4.4	4.3	5.7
						2.4	4.7	4.4
////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE - SURFACE WIND
FROM JANUARY TO DECEMBER

STATION NUMBER: 72305

STATION NAME: RDU, RALEIGH NC

LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED (KNOTS) 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
(N) 350-010	3.0	2.7	.4	.1				
020-040	2.7	3.3	1.0	.1				
050-070	3.2	3.3	1.1	.2				
(E) 080-100	2.6	1.2	.2					
110-130	3.2	1.1						
140-160	3.1	1.4	.1	.2				
(S) 170-190	2.7	1.3	.1					
200-220	4.1	1.8	.3					
230-250	4.7	3.2	.5					
(W) 260-280	4.	1.3	1.4	.1				
290-310	3.7	2.3	1.4	.7	.1			
320-340	3.7	2.3	1.1					
VARIABLE								
CALM	//////////////

ENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUN 83
MONTH: MAY HOURS: 05-23

SPEED IN KNOTS						TOTAL %	MEAN WIND	MEDIAN WIND
						6.6	5.1	5.0
						10.9	6.0	6.0
						6.5	6.6	5.5
						4.0	4.2	3.0
						3.1	3.4	3.0
						3.7	3.4	3.0
						4.3	3.2	3.0
						5.4	5.1	4.0
						5.2	4.7	4.0
						14.7	5.2	5.0
						7.1	5.0	5.0
						6.2	5.3	5.0
//						17.3	//////////	
						100.0	5.1	4.0

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND V
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723055 STATION NAME: AVL ASHEVILLE
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-8	9-12	13-16	17-21	22-27	28-33	34-40	41-47	48-55	56+
(N) 350-010	.3	2.5	1.9	.2							
020-040	2.2	4.2	2.2	.4							
050-070	3.2	3.3	1.9	.4							
(E) 080-100	4.1	4.5	1.1								
110-130	3.3	2.2	.4								
140-160	1.2	1.4	1.2	.2	.1						
(S) 170-190	1.3	1.8	.2								
200-220	2.2	1.3	1.4	.2							
230-250	4.1	3.2	1.3	.2							
(W) 260-280	1.2	2.7	3.5	.6							
290-310	1.1	2.7	3.2	1.2							
320-340	1.4	.7	1.5	.1	.1						
VARIABLE											
CALM	//////////////

...CY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
...M HOURLY USA STATIONS

... PERIOD OF RECORD: JUL 79 - JUN 83
MONTH: MAY HOURS: 23-11

... KNOTS ...	TOTAL %	MEAN WIND	MEDIAN WIND
	4.2	6.1	7.0
	8.9	7.2	7.0
	10.9	7.9	7.0
	9.7	8.0	8.0
	9.9	8.0	8.0
	7.7	7.1	7.0
	3.4	6.7	6.0
	5.0	6.7	6.0
	3.7	6.6	6.0
	10.7	7.1	8.0
	7.0	7.7	10.0
	4.9	7.7	10.0
//	4.1	//////////	
	100.0	7.7	8.

... JULY 85 ...

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC — FROM AUPLEX DATA VARIOUS

STATION NUMBER: 723065 — STATION NAME: PEASE AFB NH — PERIOD
LST TO UTC: + 5 — MONTH:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50+
(N) 350-010	.9	.4	.4	.1						
020-040	1.0	3.6	1.2	.4						
050-070	2.0	4.3	1.4	.1						
(E) 080-100	1.4	6.7	2.3							
110-130	3.0	12.3	4.9							
140-160	1.3	5.2	3.9	.4						
(S) 170-190	.3	1.4	1.2	.2						
200-220	.3	1.3	.9	.1	.1					
230-250	1.1	2.2	1.3	.1	.1					
(W) 260-280	1.2	5.1	3.1	1.0	.1					
290-310	.4	3.2	3.7	1.3						
320-340	.4	1.1	3.1	.5	.2					
VARIABLE										
CALM	////////////

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
(PERCENT FREQUENCY MAY VARY)

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 12-14

SPEED IN KNOTS									
	28-29	30-34	35-39	40-49	50-54	55-65	TOTAL %	MEAN SPD	MEDIAN SPD
							2.2	5.8	5.0
							5.1	7.1	7.0
							7.4	5.7	7.0
							11.3	6.7	6.0
							14.4	7.2	7.0
							17.4	6.7	6.0
							8.1	5.8	5.0
							3.2	4.9	5.0
							4.4	7.4	7.0
							1.2	4.5	4.5
							1.4	13.1	13.0
							1.1	11.1	12.0
//							1.9	//////////	
							100.0	7.1	7.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 72[illegible] STATION NAME: PEASE A[illegible] NH
LST TO UTC: + 5 YEARS: [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	-
(N) 350-019	.2	1.5	.4							
020-049	.3	1.7	.5	.2	.1					
050-079	2.3	5.1	1.9							
(E) 080-109	2.2	5.6	.9							
110-139	3.4	10.7	1.4							
140-169	2.7	14.7	7.3	.5						
(S) 170-199	1.1	2.8	1.2							
200-229	.3	1.2	1.1							
230-259	.2	2.7	.3							
(W) 260-289	.2	2.4	2.5	.6	.1					
290-319	.3	3.3	3.1	.7						
320-349	.3	1.7	2.2	1.1						
VARIABLE										
CALM	//////////////

...CY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
...ED HOURLY OBSERVATIONS

...43 PERIOD OF RECORD: JUL 79 - JUN ..
MONTH: MAY HOURS: 16-17

SPEED (KNOTS)						TOTAL %	% WIND	% WIND
						2.2	7.9	5.3
						3.7	7.5	5.3
						.3	5.2	.3
						3.2	5.7	5.4
						13.5	7.3	6.7
						.1	7.1	.1
						4.2	7.2	4.6
						2.1	7.1	2.1
						1.7	7.	7.1
						.1	6.7	5.3
						.0	10.1	10.1
						.1	11.1	10.2
//						2.1	//////////	
						100.1	7.1	5.1

...1 MISSING ...1

OPERATING LOCATION: NAME — PERCENTAGE FREQUENCY OF OCCURRENCE, SURFACE WIND VS
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 723255 — STATION NAME: PEASE AFB NH — PERIOD:
LST TO UTC: + 5 — YEARS:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	1.3	1.2	.4						
020-040	2.2	2.9	.9						
050-070	3.1	3.7	.2						
(E) 080-100	3.0	2.2	.1						
110-130	5.2	3.3	.1						
140-160	10.3	11.1	.1						
(S) 170-190	2.3	2.6	.2						
200-220	1.7	2.7	1.0						
230-250	1.4	1.1	.1						
(W) 260-280	2.3	1.7	1.1	.5					
290-310	1.4	2.3	1.3	.2					
320-340	1.1	3.2	2.7	.1					
VARIABLE									
CALM	//////////////

[illegible] OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] STATION

[illegible] PERIOD OF RECORD: JUL 74 - JUN [illegible]
MONTH: JAY HOURS: 12-20

[illegible] IN KNOTS						TOTAL	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
						2.2	1.3	3.5
						1.1	1.3	2.4
						7.7	1.3	9.0
						5.3	1.1	6.4
						3.3	1.0	4.3
						23.1	5.1	28.2
						7.3	1.1	8.4
						2.1	1.1	3.2
						3.1	1.1	4.2
						.1	.2	.3
						1.1	.7	1.8
						7.1	1.1	8.2
[illegible]						11.1	[illegible]	
						100.	1.1	1.1

[illegible]

OPERATING LOCATION: NAW PERCENTAGE FREQUENCY OF OCCURRENCE BY WIND SPEED AND DIRECTION
USAFETAC, ASHEVILLE, NC HOURLY OBSERVATIONS

STATION NUMBER: 72[illegible] STATION NAME: [illegible] [illegible]
LST TO UTC: + 5 [illegible]

DIRECTION (DEG TRUE)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	[illegible]
(N) 350-010	3.3	1.[illegible]	.1							
020-[illegible]	4.3	1.4	.3	.3						
060-[illegible]	[illegible]	1.[illegible]	.3							
(E) 070-1[illegible]	2.4	.8								
110-130	[illegible]	1.3								
140-[illegible]	[illegible]	2.4								
(S) 170-[illegible]	4.3	2.3	.3							
200-[illegible]	4.3	3.2	.5							
230-[illegible]	4.[illegible]	4.3	.4							
(W) 260-[illegible]	[illegible]	3.3	.3							
[illegible]-310	3.3	3.4	.5							
320-[illegible]	[illegible]	3.[illegible]	.4							
VARIABLE										
CALM	//////////////

[illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible]

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE NC

STATION NUMBER: 72[illegible] STATION NAME: [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34+
(N) 350-010	3.3	1.7	.7	.2				
020-040	3.7	3.1	1.3	.2	.1			
050-070	2.6	3.4	1.1	.1				
(E) 080-100	3.5	2.7	.7					
110-130	3.1	4.4	.7					
140-160	4.1	4.7	2.1	.2	.1			
(S) 170-190	4.3	3.3	.9	.2				
200-220	3.7	2.2	.6	.1	.1			
230-250	3.3	2.4	.7	.1	.1			
(W) 260-280	4.1	3.7	1.7	.7	.1			
290-310	2.4	2.3	1.1	.7	.2			
320-340	3.3	2.2	1.3	.4	.1			
VARIABLE								
CALM	////	////	////	////	////	////	////	////
TOTALS	44.4	39.2	13.7	1.9	.1			

TOTAL NUMBER OF OBSERVATIONS 7[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF [illegible]

STATION NUMBER: 723065 STATION NAME: [illegible]
LST TO UTC: + 5

CATEGORY 4: CEILING 400 TO LESS THAN 1000 FEET AND/OR VISIBILITY OF 1/2 MILE (800 METERS) TO LESS THAN 1 MILE (1600 M)

DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55
(CALM)										
(N) 350-010	1.1	2.2	.7							
020-040	.7	2.9	3.4	1.0	.1					
050-070	2.0	11.0	3.0	.2						
(E) 080-100	.5	2.2	.2							
110-130	.4	2.2	.1							
140-160	.3	2.0	.3	.2	.1					
(S) 170-190	1.3	.7								
200-220	.7	.3								
230-250	1.4	.2	.2							
(W) 260-280	1.2	.2								
290-310	1.0	.3	.2							
320-340	1.0	1.4	.1							
VARIABLE										
CALM	//									
TOTALS	41.0	38.4	9.4	1.7	.2					

TOTAL NUMBER OF OBSERVATIONS 1217

[illegible] OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] JOINTLY DISTRIBUTED

[illegible] PERIOD OF RECORD: JUL 74 - JUN [illegible]
HOUR: MAY HOURS: ALL

[illegible] VISIBILITY OF 1/2 MILE (0800 METERS).

[illegible] LESS THAN 3 MILES (4800 METERS) WITH CEILING [illegible] FEET.

[illegible] IN KNOTS								
[illegible]	11-16	17-21	22-27	28-33	34-40	GE 41	TOTAL	[illegible]
							[illegible]	[illegible]
[illegible]							5.5	[illegible]
[illegible]							20.[illegible]	[illegible]
[illegible]							23.[illegible]	[illegible]
[illegible]							17.3	[illegible]
[illegible]							7.[illegible]	[illegible]
[illegible]							[illegible].1	[illegible]
[illegible]							2.1	[illegible]
[illegible]							1.[illegible]	[illegible]
[illegible]							1.7	[illegible]
[illegible]							2.2	[illegible]
[illegible]							[illegible].[illegible]	[illegible]
[illegible]							3.4	[illegible]
[illegible]							11.3	[illegible]
[illegible]							100.0	[illegible]

[illegible] OBSERVATIONS 1[illegible]

[illegible] - 4 - [illegible]

6

OPERATING LOCATION: WAM
USAFETAC, ASHEVILLE, NC

STATION NAME: [illegible]
LOCATION: [illegible]

DIRECTION (FROM)	1-3	4-7	8-10	11-13	14-16	17-19	20-22	23-25	26-28	29-31	32-34	35-36
(N) 350-010	2.7	1.6	.1									
020-040	2.4	1.	.7									
050-070	2.	.9	.4									
(E) 080-100	2.2	.9	.3									
110-130	1.9	.4										
140-160	1.3	.4										
(S) 170-190	1.2	.2										
200-220	.9	1.7	.1									
230-250	.1	.7	.2									
(W) 260-280	2.1	.3	.2									
290-310	4.7	3.8	1.1	.1								
320-340	4.1	3.4	.7									
VARIABLE												
CALM	//////////////

C - 4 - 91

OPERATING LOCATION WAW
USAFTAC, ASHEVILLE NC

RELATIVE FREQUENCY OF OCCURRENCE (PERCENT)

STATION NAME: [illegible]
LST TO UTC: +5

DIRECTION (DEGREES)	1-4	5-7	10-14	15-19	20-24	25-29	30-34	35-99	TOTAL
(N) 350-010	2.2	1.7	.4	.1					
020-040	1.8	1.0	.2						
050-070	2.4	1.2	.7						
(E) 080-100	1.2	.4							
110-130	1.0	.3							
140-160	1.1	.2							
(S) 170-190	2.2	.6							
200-220	1.7	1.0							
230-250	.9	.4							
(W) 260-280	10.2	3.2	.7						
290-310	.3	.1	1.4						
320-340	1.7	1.0	.1						
VARIABLE									
CALM	//								
TOTALS	26.2	13.0	3.7	.1					

TOTAL NUMBER OF OBSERVATIONS 729

A

OPERATING LOCATION NAME: USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY WIND DIRECTION AND WIND SPEED

STATION NUMBER: 723056 STATION NAME: [illegible] AFB NC

LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	-
(N) 350-010	.4	1.9	.7							
020-040	1.0	1.4	1.3	.1						
050-070	1.1	4.3	.4	.1						
(E) 080-100	2.3	6.1	.4							
110-130	2.7	7.3	1.7							
140-160	1.4	4.4	3.1	.1						
(S) 170-190	1.2	2.3	1.3							
200-220	.9	2.7	1.1	.2						
230-250	1.1	4.2	1.7							
(W) 260-280	2.2	3.0	3.1	.4						
290-310	1.1	4.7	4.4	1.2	.2					
320-340	.5	1.4	2.0	1.1	.1					
VARIABLE										
CALM	//////////////

[illegible] OF OCCURRENCE: SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 74 - JUN [illegible]
MONTH: JUN HOURS: 12-14

SPEED (KNOTS)						TOTAL	[illegible]	[illegible]
[illegible]	31-33	34-36	37-40	41-47	48-54	55				
							2.6	7.3	2.3
							3.0	7.5	3.0
							6.1	3.1	6.1
							7.1	3.6	5.
							12.3	5.1	5.3
							1[illegible]	7.[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	7.3	7.[illegible]
							[illegible]	[illegible]	[illegible]
							17.7	[illegible]	[illegible]
[illegible]							11.7	3.7	1[illegible]
[illegible]							[illegible]	1[illegible]	1[illegible]
[illegible]										
[illegible]								1.[illegible]	[illegible]	
							100.[illegible]	7.[illegible]	7.[illegible]

[illegible] OBSERVATIONS [illegible]

[illegible] - 4 - [illegible]

6

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE BY STABILITY CLASS AND WIND SPEED
USAFETAC, ASHEVILLE NC

STATION NUMBER: 723267 STATION NAME: [illegible]
1ST IR HGT: 4.9

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
			WIND SPEED IN KNOTS					
(N) 350-019	.4	.5	.7					
020-049	1.4	1.1	1.1					
050-079	1.2	3.2	.9					
(E) 080-109	3.1	2.7	1.2					
110-139	3.2	7.0	1.4					
140-169	2.7	13.1	4.1	.1				
(S) 170-199	1.1	4.3	4.					
200-229	.7	1.3	.9	.1				
230-259	2.1	5.3	1.0					
(W) 260-289	2.0	6.1	3.0					
290-319	1.6	4.9	4.7	1.1				
320-349	.9	2.9	2.0	.5				
VARIABLE								
CALM	//////////////

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED

[illegible] [illegible] [illegible] [

OPERATING LOCATION: [illegible] PERCENTAGE FREQUENCY OF OCCURRENCE BY WIND DIRECTION AND SPEED
USAFETAC, ASHEVILLE, NC [illegible]

STATION NUMBER: 72[illegible] STATION NAME: [illegible] [illegible]
LST TO UTC: + 5 MONTH: JAN

DIRECTION (DEGREES)	WIND SPEED (KNOTS) 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-47	[illegible]
(N) 350-010	1.7	1.0	.2							
020-040	1.1	2.3	.3							
050-070	1.4	2.9	.4							
(E) 080-100	2.3	3.2	.7							
110-130	.1	3.2	.1							
140-160	.7	.4	.5							
(S) 170-190	4.2	4.1	.1							
200-220	.4	2.2	.3							
230-250	.4	2.3	.3							
(W) 260-280	3.2	2.2	1.3							
290-310	3.4	4.5	2.3	.2						
320-340	1.2	3.4	2.3	.4						
VARIABLE										
CALM	//////////////

FREQ OF OCCURRENCE OF WIND DIRECTION VERSUS WIND SPEED
ALL HOURLY OBSERVATIONS

STATION: [illegible] PERIOD OF RECORD: JUL 74 - JUN 84
MONTH: JUN HOURS: 13-20

WIND DIRECTION IN KNOTS							TOTAL %	MEAN WIND	RESULTANT WIND
1-3	4-6	7-10	11-16	17-21	22-27	28-33			
2.9	4.0	6.1							
3.	5.3	5.3							
3.2	5.7	4.5							
3.3	4.4	5.2							
7.5	4.4	4.3							
17.5	4.7	7.1							
4.2	7.2	4.2							
3.1	5.3	4.3							
7.2	4.4	4.1							
7.2	5.2	4.3							
11.2	4.4	4.2							
4.1	3.2	4.1							
[illegible]							1.2	[illegible]	
12.3	4.3	4.2							

[illegible] OBSERVATIONS [illegible]

D

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY WIND DIRECTION AND SPEED

STATION NUMBER: 723255 STATION NAME: [illegible]
LST TO UTC: +5

DIRECTION (DEGREES)	WIND SPEED (KNOTS) 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55
(N) 350-010	1.7	1.3	.4							
020-040	2.3	1.4	.3							
050-070	2.3	1.5	.7	.1						
(E) 080-100	1.3	.4		.5						
110-130	2.0	1.3								
140-160	4.2	1.2	.1							
(S) 170-190	3.4	1.3								
200-220	4.3	3.2	.3							
230-250	5.1	5.3	.1							
(W) 260-280	4.3	4.7	.7							
290-310	4.7	3.1	1.3	.2						
320-340	2.4	1.9	.7		.1					
VARIABLE										
CALM	////////////

[illegible] OF [illegible] SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] SUPPLY DATA STATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUL [illegible]
MONTH: JUL HOURS: 21-23

SPEED (KNOTS)						TOTAL	[illegible] (KTS)	[illegible] (KTS)
[illegible]	25-27	28-34	35-[illegible]	40-49	50-54	55 & 65			
							3.5	4.2	5.2
							4.1	4.3	4.9
							4.3	5.2	6.2
							3.[illegible]	4.2	4.2
							3.3	3.2	4.2
							[illegible].2	4.[illegible]	4.9
							[illegible].2	5.[illegible]	6.2
							3.2	4.2	4.[illegible]
							3.2	4.1	4.2
							11.3	[illegible].2	[illegible].2
							3.2	5.4	6.2
.1							[illegible].2	4.1	5.2
[illegible]							[illegible].2	[illegible]	[illegible]
[illegible]							150.3	4.[illegible]	6.2

[illegible] OBSERVATIONS [illegible]

D

OPERATING LOCATION NAME: USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND [illegible] FROM [illegible] [illegible] [illegible]

STATION NUMBER: 723175 STATION NAME: [illegible] AFB NC

LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED LIMITS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-99	[illegible]
(N) 350-010	1.5	1.5	.5	.1						
020-040	1.4	1.3	.6	.0						
050-070	1.1	2.7	.5	.1						
(E) 080-100	2.2	2.3	.4	.1						
110-130	2.6	3.1	.4							
140-160	3.3	4.6	1.1	.3						
(S) 170-190	2.5	1.9	.3							
200-220	3.2	2.4	.4	.2						
230-250	4.1	4.2	.8							
(W) 260-280	3.7	5.4	2.2	.1						
290-310	3.4	4.3	2.1	.3	.1					
320-340	2.1	2.4	1.4	.3	.3					
VARIABLE										
CALM	////////////

...ICY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
...TRIPLY ESS OBSERVATIONS

...N   PERIOD OF RECORD: JUL 73 - JUN 83
MONTH: JUN   HOURS: ALL

SPEED KNOTS									
...	25-29	30-34	35-39	40-49	50-64	65	TOTAL	MEAN	MEDIAN
							%	KTS	KTS
							3.7	5.7	5.0
							4.7	5.1	5.0
							3.1	5.5	5.0
							4.5	5.4	5.0
							3.4	5.4	5.0
							2.4	5.3	5.0
							4.7	4.7	4.0
							3.7	4.7	4.0
							3.7	4.4	4.0
							14.8	7.4	7.0
							11.4	7.1	7.0
							4.7	4.7	4.0
//							14.1	//////////	
							100.0	5.2	5.0

...OBSERVATIONS 7105

OPERATING LOCATION "WAW"
USAFETAC, ASH VILL NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY [illegible]

STATION NUMBER: 72[illegible]

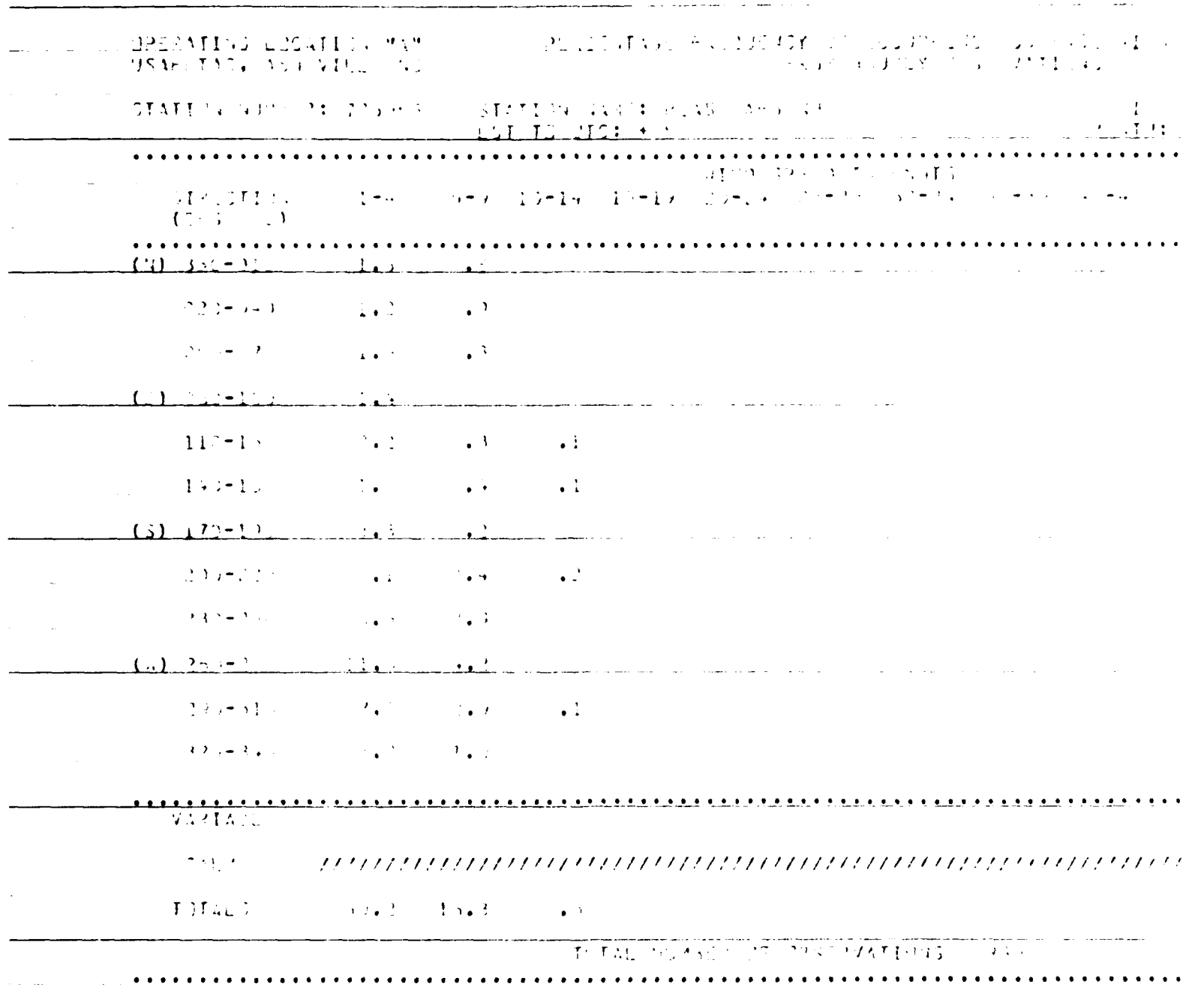
STATION NAME: [illegible]

LST TO UTC: + 5

CATEGORY A: CEILING 3,[illegible] AND LESS THAN 1,[illegible] FEET AND/OR VISIBILITY

VISIBILITY OF 1/2 MILE ([illegible]) AND LESS, THAN [illegible]

OPERATION (PERCENT)	1-4	5-9	10-14	15-17	18-20	21-23	24-27	28-30	31-33
					MIN) OF THE HOURS				
(N) 350-01	3.3	4.0	1.5	.6					
02)-34)	3.[illegible]	[illegible].[illegible]	2.3	.2					
35)-[illegible]	.	.[illegible]	.1	.1					
(E) 040-1[illegible]	2.7	3.0	.1	.5					
11)-14[illegible]	[illegible].	3.[illegible]	.[illegible]						
14)-1[illegible]	[illegible].	[illegible].[illegible]	.[illegible]						
(S) 170-1[illegible]	2.1	.7	.[illegible]						
2[illegible])-2[illegible]	1.[illegible]	1.7	.[illegible]						
23)-2[illegible]	[illegible].[illegible]	.[illegible]							
(W) 25[illegible]-2[illegible]	.[illegible]	.							
[illegible])-[illegible]	.[illegible]	.[illegible]	.1						
33)-3[illegible]	1.	1.[illegible]	.[illegible]						
VARIABLE									
CALM	//////////////



A

FREQUENCY OF OCCUPATIONAL EXPOSURE AND DOSE ESTIMATES WITH SMOKING
FROM HOUSEHOLD USE PATTERNS

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM JULY 1 TO JULY 31

STATION NUMBER: 72306 STATION NAME: OTIS AFB MA
EST TIME: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	2.2	1.3							
020-040	1.7	.3							
050-070	1.2	.3							
(E) 080-100	.3								
110-130	.3	.3							
140-160	2.1	.2							
(S) 170-190	2.3	.5							
200-220	4.9	1.7	.1						
230-250	3.4	2.3	.1						
(W) 260-280	12.2	4.2	.1						
290-310	3.4	2.3	.2						
320-340	4.2	.9							
VARIABLE									
CALM	////////////

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM BURLEY BOG, VIRGINIA

PERIOD OF RECORD: JUL 79 - JUN 84
MONTH: JUL HOURS: 03-05

WIND SPEED IN KNOTS							TOTAL		
							3.4	4.1	4.2
							4.9	3.3	3.4
							2.5	3.7	3.9
							.5	2.2	3.1
							1.6	4.3	5.2
							3.2	5.1	5.3
							2.2	4.1	4.3
							3.1	3.7	3.7
							11.1	3.2	3.1
							17.3	3.7	3.1
							11.2	3.7	3.3
							3.1	3.1	3.3
//							32.9	//////////////	
							100.0	3.5	3.7

CALM OBSERVATIONS 193

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE, NC ANNUAL SUMMARY

STATION NUMBER: 723553 STATION NAME: PLANE [illegible] NC
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED BY KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	[illegible]	45-47
(N) 350-010	2.2	2.5							
020-040	2.5	1.1							
050-070	1.2	1.0	.2						
(E) 080-100	1.5	.5							
110-130	1.0	.3							
140-160	1.1	.4							
(S) 170-190	2.2	1.2	.1						
200-220	1.2	1.2	.1						
230-250	4.2	4.7	.1						
(W) 260-280	11.5	7.0	.4						
290-310	5.5	4.5	1.2	.1					
320-340	2.1	1.2	.4						
VARIABLE									
CALM	//////////////

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
(ALL HOURLY OBSERVATIONS)

PERIOD OF RECORD: JUL 73 - JUN 74
MONTH: JUL HOURS: 05-08

WIND SPEED (KNOTS)							TOTAL	MEAN	MEDIAN
1-3	4-6	7-10	11-16	17-21	22-27	28-33	%	WIND	WIND
							4.7	4.3	5.0
							3.7	4.1	4.0
							2.7	4.3	4.0
							4.3	4.2	4.0
							1.3	3.9	3.0
							2.3	2.7	2.0
							4.0	3.7	3.0
							7.0	3.9	4.0
							14.1	4.1	4.0
							12.3	4.3	4.0
							13.0	4.3	4.0
							3.7	4.3	4.0
							13.3		
							100.0	3.9	4.0

TOTAL OBSERVATIONS 493

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND [illegible]
USAFETAC, ASHEVILLE NC — FROM HOURLY OBS VARIOUS

STATION NUMBER: 72[illegible] STATION NAME: PEASE AF, NH [illegible]
LST TO UTC: + 5 [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-47	[illegible]
(N) 350-010	1.5	1.7	.4							
020-040	1.2	1.7	.5	.1						
050-070	2.5	2.2	.1							
(E) 080-100	3.1	1.8								
110-130	3.3	2.0	.1							
140-160	3.2	2.7	.5							
(S) 170-190	2.3	1.2	.1							
200-220	3.4	3.4	.9							
230-250	5.5	6.3	.2							
(W) 260-280	5.3	4.9	2.0							
290-310	5.4	5.5	3.5	.4						
320-340	1.7	3.3	1.[illegible]	.2						
VARIABLE										
CALM	//////////////

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
(PERCENTAGE VALUES)

[illegible] PERIOD OF RECORD: JUL 74 - JUN 79
MONTH: JUL HOURS: 09-11

SPEED (KNOTS)							TOTAL	MEAN	[illegible]
[illegible]	25-29	30-34	35-39	40-49	50-64	65 &		WIND	WIND
							3.7	5.7	5.2
							5.5	5.1	5.3
							4.7	4.6	4.8
							4.9	4.2	4.2
							4.4	4.9	4.9
							5.0	5.1	5.3
							3.5	4.2	4.3
							4.7	4.3	4.7
							1[illegible].5	4.9	[illegible].3
							1[illegible].4	5.1	5.2
							12.3	7.4	7.3
							[illegible]	7.2	[illegible]
[illegible]									
[illegible]							2.1	[illegible]	
							100.[illegible]	5.5	[illegible].3

[illegible] STATIONS [illegible]

[illegible] - 4 - [illegible]

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND [illegible]
FROM WIDELY USED VARIABLES

STATION NUMBER: 72[illegible] STATION NAME: [illegible]
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-
(N) 350-010	.4	1.1	.3							
020-040	.2	.5	.2							
050-070	2.3	1.2								
(E) 080-100	1.5	4.3	.1							
110-130	3.1	3.3	.5							
140-160	1.3	2.3	2.2	.1						
(S) 170-190	.2	2.3	1.3							
200-220	2.3	4.3	.2							
230-250	3.1	7.7	1.3							
(W) 260-280	3.4	9.0	3.1							
290-310	1.1	4.1	4.7	.3						
320-340	1.1	2.5	2.6	.5						
VARIABLE										
CALM	//////////////

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN
MONTH: JUL HOURS: 12-14

WIND SPEED IN KNOTS							TOTAL	MEAN	MEAN
							%	KNOTS	KNOTS
							2.2	5.5	5.2
							2.0	7.2	5.3
							3.2	4.3	4.3
							5.3	5.0	3.2
							12.5	5.3	5.5
							12.7	5.1	5.3
							4.2	5.3	4.3
							7.7	5.1	5.2
							11..	5.2	4.3
							12.3	4.3	7.3
							10.5	7.1	10.
							7.3	7.3	4.3
////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION NUMBER: 723[illegible]

LST TO GTC: + 5

WIND SPEED IN KNOTS

DIRECTION (TRUE)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	.5	.9	.5						
020-040	.7	.3	.4						
050-070	1.1	1.2	.1						
(E) 080-100	2.3	3.0							
110-130	5.3	4.1	.4						
140-160	4.4	1.1	.4	.1					
(S) 170-190	2.7	4.9	1.4						
200-220	2.7	4.3	1.2	.2					
230-250	3.1	3.4	1.3	.1					
(W) 260-280	3.4	5.2	2.3						
290-310	1.1	5.1	4.3	.3	.1				
320-340	.5	2.4	1.5	.5					
VARIABLE									
CALM	////////////

FREQUENCY OF OCCUPYING SPACE , KIND OF ACTIVITY VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUN
MONTH: JUL HOURS: 15-17

SPEED IN KNOTS

	TOTAL		
	%		
	2.0	7.4	
	2.1	4.8	
	2.4	4.3	
	5.1	3.2	
	14.3	4.7	
	11.4	4.8	
	4.2	5.4	
	4.7	4.5	
	4.1	4.4	
	13.1	4.5	
	14.1	4.5	
	4.	4.3	
	100.1	4.9	

VARIABLE WINDS 3%

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

STATION NUMBER: 72[illegible]

STATION NAME: [illegible]

LAT LONG: + [illegible]

DIRECTION (FROM)	1-4	4-7	10-16	17-21	22-27	[illegible]
(N) 350-010	.1	1.2	.2			
020-040	.1	.2	.2	.1		
050-070	1.2	.4	.2			
(E) 080-100	.1	1.0				
110-130	.1	.6	.1			
140-160	[illegible]	.2	.2			
(S) 170-190	.1	.3	.1			
200-220	.2	.2	.1			
230-250	.2	.2				
(W) 260-280	.2	1.3	.2			
290-310	.3	.5	1.2	.1		
320-340	1.1	.6	1.0			
VARIABLE						
CALM	//////////////

OPERATING LOCATION "A"
USAFETAC, [illegible] VIL. [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE BY BASE WIND

STATION NR: [illegible]

STATION NAME: [illegible]

LST TO UTC: +[illegible]

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47
(N) 350-013	1.3	1.2	.1						
014-049	1.3	1.4							
050-076	1.7	.2							
(E) 077-103	1.	.3	.1						
104-139	2.7	.4	.1						
140-166	2.2	1.1							
(S) 167-193	4.	1.3							
194-220	7.4	4.3	.4						
221-247	4.	2.4							
(W) 248-274	3.7	2.3	.1						
275-311	4.3	2.4							
312-349	2.2	1.5	.3	.1					
VARIABLE									
CALM	//								
TOTAL	41.4	23.7	1.1	.1					

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

B

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] FIXED SHIP OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUN 78
UNIT: JUL HOURS: 21-03

WIND SPEED IN KNOTS

1-24	25-29	30-34	35-39	40-43	44-47	48-55	TOTAL %	MEAN SPEED	MEAN SPEED
							2.2	4.[illegible]	[illegible]
							2.7	4.[illegible]	[illegible]
							1.7	2.[illegible]	[illegible]
							2.[illegible]	3.[illegible]	[illegible]
							3.3	3.1	[illegible]
							7.[illegible]	3.1	[illegible]
							[illegible]	3.[illegible]	[illegible]
							12.[illegible]	4.[illegible]	[illegible]
							12.[illegible]	3.[illegible]	[illegible]
							[illegible]	3.[illegible]	[illegible]
							7.1	4.[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							23.4	[illegible]	[illegible]
							100.[illegible]	4.7	[illegible]

[illegible] OBSERVATIONS [illegible]

B

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 723053 STATION NAME: AVL, ASHEVILLE NC
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	1.3	1.3	.2						
020-040	1.4	.9	.3	.0					
050-070	1.7	1.0	.1						
(E) 080-100	1.2	1.5	.2						
110-130	1.4	3.3	.2						
140-160	1.2	4.3	.7	.0					
(S) 170-190	3.4	2.1	.3						
200-220	4.5	3.4	.3	.0					
230-250	.4	.3	.4	.0					
(W) 260-280	2.4	5.3	1.1						
290-310	4.1	4.0	1.2	.0	.0				
320-340	2.1	2.1	1.1	.0					
VARIABLE									
CALM	//								
TOTALS	32.3	33.2	6.2	.4					

TOTAL NUMBER OF OBSERVATIONS 7460

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: JUN HOURS: ALL

WIND SPEED IN KNOTS [illegible]	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	64-99	TOTAL	MEAN	MEDIAN
													%	(KTS)	(KTS)
													2.9	5.1	5.0
													2.8	5.2	5.0
													2.7	4.2	4.0
													5.4	4.5	4.0
													4.3	4.3	4.0
													4.4	4.3	4.0
													3.3	4.3	4.0
													3.3	4.[illegible]	4.0
													11.1	4.3	4.0
													13.3	4.3	4.0
													10.7	5.1	5.0
													5.1	5.4	5.0
////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY EACH [illegible]
FROM HOURLY OBS VALUES

STATION NUMBER: 72305 STATION NAME: PEASE AFB NH PERIOD:
LST TO UTC: + 5 MONTH:

CATEGORY A: CEILING OF 200 BUT LESS THAN 1500 FEET WITH VISIBILITY 1/2 MI
AND/OR
VISIBILITY OF 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-7	11-16	17-21	22-27	28-33	34-40	41-47
(N) 350-010	3.4	2.5	.5					
020-040	4.1	3.7	1.7	.1				
050-070	4.3	5.4	.7					
(E) 080-100	4.7	2.3	.1					
110-130	5.1	4.4	.5					
140-160	5.3	2.5	.3	.1				
(S) 170-190	5.3	1.3	.1					
200-220	1.7	1.3	.1	.2				
230-250	3.3	.5						
(W) 260-280	2.2	.3						
290-310	1.7	.3		.1				
320-340	2.4	1.3	.2					
VARIABLE								
CALM	//							
TOTALS	45.3	33.4	4.3	.5				

TOTAL NUMBER OF OBSERVATIONS 472

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STA 31 PERIOD OF RECORD: JUL 7? - JUL ?
MONTH: JUL HOURS: ALL

POINT WITH VISIBILITY GE 1/2 MILE (800 METERS).

B) AND LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

SPEED IN KNOTS

1-3	4-6	7-10	11-16	17-21	22-27	TOTAL %	MEAN WIND	MAX WIND
						8.4	4.9	5.?
						12.?	?.?	?.?
						12.?	4.9	?.?
						7.7	4.2	?.?
						11.	?.?	?.?
						13.2	?.?	?.?
						?.?	4.1	?.?
						?.1	?.1	?.?
						?.?	?.?	?.?
						?.?	?.?	?.?
						?.7	?.?	?.?
						?.?	4.?	?.?
//////////	//////////	//////////	//////////	//////////	//////////	18.7	//////////	
						100.?	?.?	4.?

OBS. RATINGS 475

C - 4 - 7?

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 725053 STATION NAME: PEASE AFB NH
LST ID DIFF: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-17	20-24	25-29	30-34	35-39	40-47
(N) 350-010	3.1	1.1	.2						
020-040	2.2	1.4	.4						
050-070	1.2	.2	.1						
(E) 080-100	1.2								
110-130	.5	.1							
140-160	2.2	1.4							
(S) 170-190	3.2	1.3	.1						
200-220	3.7	1.3							
230-250	7.1	2.7							
(W) 260-280	4.2	3.5	.3	.1					
290-310	5.9	3.1	.1	.2					
320-340	4.0	1.1		.1					
VARIABLE									
CALM	////////////

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 71 - JUN [illegible]
MONTH: AUG HOURS: 00-02

WIND DIR	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	GE 64	TOTAL	MEAN SPEED	MEDIAN SPEED
													[illegible]	9.4	9.3
													[illegible]	6.0	5.0
													[illegible]	7.9	7.2
													[illegible]	8.2	8.0
													[illegible]	9.1	8.7
													[illegible]	8.8	8.2
													[illegible]	8.8	8.0
													[illegible]	7.0	7.0
													[illegible]	10.1	9.2
													[illegible]	11.3	9.0
													[illegible]	10.3	9.3
													[illegible]	9.2	8.0
[illegible]													[illegible]	30.4	[illegible]
													[illegible]	10.0	9.0

[illegible] OBSERVATIONS 330

[illegible] - 4 - 71

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC FROM SUPPLY DATA VARIOUS

STATION NUMBER: 723255 STATION NAME: FAST ASH, NC PERIOD:
LST TO UTC: + 5 YEARS:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	3.3	1.1	.8						
020-040	2.2	1.6	.3						
050-070	.5	.1	.2						
(E) 080-100	.3								
110-130	1.1	.3							
140-160	.4	1.0							
(S) 170-190	2.4	.5							
200-220	2.1	1.9	.1						
230-250	2.5	2.4							
(W) 260-280	2.2	3.3	.2						
290-310	14.3	2.5	.2						
320-340	.2	.2							
VARIAB									
CALM	//////////////

FREQUENCY OF OCCURRENCE: SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM ASHPOLE TEST STATION

PERIOD OF RECORD: JUL 73 - JUN 74
MONTH: AUG HOURS: 03-05

WIND DIRECTION	WIND SPEED IN KNOTS						TOTAL %	MEAN WIND	PEAK WIND
	1-3	4-6	7-10	11-16	17-21	22-27			
							4.7	4.8	4.3
							4.3	5.3	4.5
							1.1	5.7	4.3
							.5	3.7	3.3
							1.4	3.7	4.3
							3.3	4.3	4.3
							3.1	3.2	3.
							7.1	3.3	3.5
							3.4	3.7	4.3
							12.3	3.5	4.
							15.4	3.3	3.3
							4.3	3.3	3.3
//							3?.4	//////////////	
							100.3	3.7	4.3

TOTAL OBSERVATIONS 910

7 - 4 - 77

OPERATING LOCATION "AA" PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC

STATION NUMBER: 723085 STATION NAME: PEASE AFB NH
LST TO UTC: +5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-99
(N) 350-010	4.3	1.9	.2	.1					
020-040	1.3	2.5	1.3	.3					
050-070	1.7	1.2	.4						
(E) 080-100	1.1	.4	.1						
110-130	1.3	.1							
140-160	2.4	.4	.3						
(S) 170-190	2.3	.3							
200-220	4.3	2.4	.2						
230-250	4.3	4.3	.1						
(W) 260-280	3.3	3.4	.3						
290-310	1.3	2.3	1.3	.1					
320-340	4.7	2.3	.3	.1					
VARIABLE									
CALM	//								
TOTALS	37.1	25.7	4.5	.3					

TOTAL NUMBER OF OBSERVATIONS 4[illegible]

3 - 4 - 73

A

[illegible] OF OCCURRENCE BY RACE [illegible] VERSUS AGE [illegible]
[illegible]

[illegible] PERIOD: JUL 73 - JUN [illegible]
MONTH: AUG HOURS: 00-01

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATIONAL LOCATION MAP — PERCENTAGE FREQUENCY OF WIND [illegible]
USAFETAC, ASHEVILLE, NC — [illegible]

STATION NUMBER: 72[illegible] — STATION NAME: PEASE AFB, NH — [illegible]
[illegible] — ST TIME UTC: + 5 — [illegible]

DIRECTION (FROM/TO)	WIND SPEED (KNOTS) 1-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+
(1) 350-010	2.5	2.4	.6							
020-040	2.2	1.5	1.4							
050-070	3.	3.2	.9	.1						
(2) 080-100	2.3	2.3								
110-130	2.9	2.7	.1							
140-160	3.1	3.3	.2							
(3) 170-190	1.8	2.2	.1							
200-220	1.1	1.1	.1							
230-250	2.4	1.7	.2	.1						
(4) 260-280	3.7	7.7	1.2	.2						
290-310	3.1	4.1	2.2	.3	.1					
320-340	3.1	3.4	1.7	.3						
VARIABLE										
CALM	//									
TOTALS	33.7	41.1	9.7	1.3	.1					

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] - 4 - [illegible]

A

[illegible]

[illegible]

[illegible]

OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF WIND FROM SPECIFIED DIRECTIONS AND WIND SPEED CLASS

USAFETAC, ASHEVILLE, NC

STATION NUMBER: 72306 — STATION NAME: [illegible] — PERIOD OF RECORD: [illegible]

OBSERVATION TIME: [illegible] — HOURS: [illegible]

DIRECTION (DEGREES)	WIND SPEED (KNOTS) 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	.3	1.4	.5	.1					
020-040	.4	1.0	.2	.1					
050-070	1.3	1.7	1.2	.1					
(E) 080-100	2.2	.8	.2						
110-130	3.1	1.9	.4						
140-160	3.7	1.1	1.0						
(S) 170-190	1.5	3.1	.4						
200-220	1.5	2.7	1.0	.1					
230-250	4.2	7.0	1.7						
(W) 260-280	2.7	7.0	1.2	.3					
290-310	1.2	6.2	3.2	.7	.1				
320-340	1.0	1.0	1.1	.2					
VARIABLE									
CALM	////////////

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
- 24 HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN 83
MONTH: AUG HOURS: 12-14

WIND SPEED IN KNOTS									
[illegible]	22-27	28-33	34-40	41-47	48-55	56-63	TOTAL %	MEAN WIND	MEDIAN WIND
							2.9	7.0	7.0
							9.4	7.7	6.9
							9.1	7.9	6.9
							7.3	6.4	5.9
							13.9	6.9	6.9
							14.6	6.5	7.0
							9.9	6.7	6.9
							6.7	6.7	6.9
							13.7	6.2	6.9
							11.3	6.0	6.9
.1							11.7	7.1	7.9
							6.1	7.5	7.9
////////////

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF WIND
USAFETAC, ASHEVILLE NC — FROM HOURLY OBS - WBAN

STATION NUMBER: 723360 — STATION NAME: PEASE AFB NH — [illegible]
LST TO UTC: + 5 — [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-99
(N) 350-010	.4	1.0	.4						
020-040	1.0	1.7	.5						
050-070	1.1	1.2	.3	.2					
(E) 080-100	2.2	3.3	.2						
110-130	4.3	7.4	1.0						
140-160	9.	17.5	2.3	.1					
(S) 170-190	2.2	3.7	.7						
200-220	1.7	2.7	.4						
230-250	2.2	5.3	1.1						
(W) 260-280	1.5	5.2	1.3	.3					
290-310	1.3	3.2	3.2	.5					
320-340	1.1	2.4	1.1	.3					
VARIABLE									
CALM	//////////////

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
-FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: AUG HOURS: 15-17

WIND SPEED IN KNOTS									
[illegible]	28-27	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN MPH	MEDIAN MPH
							1.8	7.3	[illegible]
							8.3	[illegible]	6.0
							9.2	7.7	[illegible]
							[illegible]	[illegible]	[illegible]
							13.2	[illegible]	[illegible]
							20.4	[illegible]	[illegible]
							7.6	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	7.3	7.1
							10.8	[illegible]	[illegible]
							[illegible]	8.1	[illegible]
////////////

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC — FROM JULY [illegible] WITHIN

STATION NUMBER: 723053 — STATION NAME: PEASE AFB NH — PERIOD OF RECORD
LST TO UTC: + 5 — [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-210	1.3	1.5	.5						
020-040	1.4	1.4							
050-070	2.4	.5	.0						
(E) 080-100	2.5	1.7	.5						
110-130	2.3	1.7	.1						
140-160	13.5	7.1							
(S) 170-190	5.5	3.3							
200-220	3.7	2.5	.3						
230-250	3.1	2.4	.1						
(W) 260-280	3.2	1.2	.2		.1				
290-310	3.4	2.3	1.0	.1	.1				
320-340	1.1	3.3	1.1	.2					
VARIABLE									
CALM	////////////

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STA: 94 PERIOD OF RECORD: JUL 73 - JUN 77
MONTH: AUG HOURS: 14-20

WIND SPEED IN KNOTS							TOTAL %	MEAN MPH	MEDIAN MPH
							4.0	5.7	5.0
							2.3	4.2	4.5
							2.7	4.3	4.0
							4.8	5.2	5.2
							4.3	4.1	4.2
							22.3	4.1	4.3
							3.4	5.2	4.2
							1.1	4.2	4.2
							7.2	4.1	3.7
.1							4.5	4.2	4.2
.1							7.2	5.2	5.7
							4.3	7.1	6.3
//							15.3	//////////	
.2							100.3	3.1	4.3

OBSERVATIONS 226

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OPERATING LOCATION WAW — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC — FOR ASHLEY AFB, PHILIPPINES

STATION NUMBER: 725055 — STATION NAME: CLARK AFB PH — PERIOD OF RECORD:
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47
(N) 350-010	2.0	1.7	.1						
020-040	2.0	1.6	.2						
050-070	1.5	.6	.2	.1					
(E) 080-100	1.1	.2	.2						
110-130	1.4	.3	.2						
140-160	3.0	1.0	.2						
(S) 170-190	5.3	2.6	.1						
200-220	7.4	3.2							
230-250	7.3	3.4	.1						
(W) 260-280	5.1	2.3	.3		.3				
290-310	4.5	2.2	.3	.2					
320-340	3.3	1.5	.2	.1					
VARIABLE									
CALM	//////////								
TOTALS	44.5	20.9	2.5	.4	.4				

TOTAL NUMBER OF OBSERVATIONS 3[illegible]

C - 4 - 7[illegible]

A

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 74 - JUN 79
MONTH: AUG HOURS: 21-23

WIND SPEED IN KNOTS

	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	64 & UP	TOTAL %	MEAN WIND	MEDIAN WIND
													3.7	5.1	4.9
													3.9	4.9	4.5
													2.9	5.3	4.2
													1.5	4.4	4.3
													1.9	4.2	3.8
													4.2	3.[illegible]	[illegible].3
													4.5	3.3	4.2
													10.5	3.7	3.5
													10.2	3.2	[illegible].9
.3													3.0	4.4	3.9
													7.2	4.7	4.3
													4.2	4.[illegible]	4.3
////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND
BY MONTHLY AND ANNUAL

STATION NUMBER: 725053 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

OPERATIONAL UNITS:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45
(N) 350-010	2.3	1.5	.4	.0						
020-040	1.7	1.5	.4	.0						
050-070	1.5	1.1	.4	.1						
(E) 080-100	1.3	1.6	.2							
110-130	2.2	2.4	.3							
140-160	4.2	5.1	.7	.0						
(S) 170-190	3.3	2.8	.1							
200-220	4.3	2.7	.3	.0						
230-250	7.0	4.4	.5	.0						
(W) 260-280	5.9	4.7	.7	.1	.1					
290-310	6.1	3.5	1.0	.3	.0					
320-340	2.9	2.0	.4	.2						
VARIABLE										
CALM	//////////////

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN 83
MONTH: AUG HOURS: ALL

DIR	SPEED IN KNOTS 25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
							4.2	3.2	4.0
							3.7	3.4	4.0
							3.3	3.0	3.0
							3.5	3.3	4.0
							3.3	3.2	3.0
							10.1	3.3	4.0
							3.7	4.4	4.7
							7.3	4.3	4.0
							10.7	4.3	4.3
.1							11.4	3.9	4.3
.							10.3	3.3	3.0
							3.0	2.7	3.3
////////////

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 726053 STATION NAME: PEASE AFB, NH PERIOD MONTHS:
LST TO UTC: + 5

CATEGORY A: CEILING OF 200 BUT LESS THAN 1500 FEET WITH VISIBILITY OF 1/2 MI
AND/OR
VISIBILITY OF 1/2 MILE (0800 METERS) BUT LESS THAN 2 MILES (4800 M

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-60
(N) 350-010	4.9	4.1	1.9	.1					
020-040	5.0	7.1	4.6	.3					
050-070	3.4	4.5	2.6	.2					
(E) 080-100	4.2	2.3	1.0						
110-130	2.5	1.3	.2						
140-160	4.3	2.7	1.7						
(S) 170-190	2.2	2.1	.3						
200-220	2.3	1.2	.3						
230-250	2.3	.5							
(W) 260-280	2.7	.5							
290-310	1.2	.3							
320-340	1.1	.3	.2	.3					
VARIABLE									
CALM	////////////

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: AUG HOURS: ALL

[illegible] WITH VISIBILITY OF 1/2 MILE (0800 METERS).

[illegible] BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING OF 200 FEET.

WIND SPEED IN KNOTS								
0-3	4-6	7-10	11-16	17-21	22-27	28-33	TOTAL	MEAN	MEDIAN
							%	MPH	MPH
							11.0	6.2	5.0
							13.1	6.2	5.0
							12.2	5.0	4.2
							7.5	5.2	4.2
							5.2	5.3	5.0
							5.3	5.2	4.3
							5.4	4.7	4.3
							5.2	4.2	4.0
							3.4	3.3	3.2
							3.3	3.0	3.2
							1.5	3.3	4.2
							2.2	3.	4.2
//							14.3	//////////	
							100.0	4.4	5.0

[illegible] OF OBSERVATIONS 895

OPERATING LOCATION "AM" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC — FROM HOURLY OBS. (ATI

STATION NUMBER: 725055 — STATION NAME: PEASE AFB NH — PERIOD
LST TO UTC: + 5 — MONTH:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	5
(N) 350-010	3.3	1.2	.2							
020-040	2.3	2.9	.3							
050-070	1.0	2.0	.4							
(E) 080-100	.7	.6								
110-130	.4	.4	.1	.1						
140-160	1.6	.3	.2		.1					
(S) 170-190	2.0	1.1								
200-220	3.6	2.4	.4							
230-250	3.7	3.7								
(W) 260-280	5.2	4.6	.1							
290-310	5.7	3.3	.4							
320-340	4.7	1.4	.3							
VARIABLE										
CALM	////////////

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] AFB, [illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: SEP HOURS: 00-02

WIND SPEED IN KNOTS

1-24	25-29	30-34	35-39	40-47	50-64	GE 65	TOTAL %	MEAN KNOTS	MEDIAN KNOTS
							4.8	4.9	4.0
							5.5	5.3	5.0
							3.4	5.7	5.0
							1.2	4.2	4.0
							1.1	5.7	5.0
.1							2.2	4.4	4.0
							3.1	3.9	4.0
							5.6	4.9	4.0
							10.0	4.7	4.0
							13.1	4.9	4.0
							11.6	4.1	3.0
							10.0	3.9	4.0
							23.3		
.1							100.0	3.9	4.0

TOTAL NO OF OBSERVATIONS 799

D

OPERATING LOCATION "AW" PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WI
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 723088 STATION NAME: [illegible] [illegible]
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	2.7	1.2	.5						
020-040	4.1	2.2	.6						
050-070	2.1	1.7	.6	.2					
(E) 080-100	.4	.5							
110-130	.2	.3							
140-160	2.2		.2						
(S) 170-190	1.4	.3							
200-220	2.4	2.0	.1						
230-250	7.3	4.3	.1						
(W) 260-280	2.0	.1	.2						
290-310	3.1	2.3	1.0						
320-340	4.2	1.7	.3						
VARIABLE									
CALM	//								
TOTALS	44.5	21.9	3.7	.2					

TOTAL NUMBER OF [illegible] 972

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

AFB NH PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 03-05

SPEED IN KNOTS

-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
							4.4	4.3	4.0
							6.9	4.3	4.0
							4.6	3.9	3.0
							1.3	4.4	4.0
							1.2	3.4	3.0
							2.4	3.0	2.0
							1.4	2.6	2.0
							5.4	4.4	4.0
							11.3	4.1	4.0
							13.9	4.3	4.0
							10.3	4.4	4.1
							5.3	4.3	4.0
////	////	////	////	////	////	////	31.5	////	////
							100.0	3.9	4.0

OBST RATIONS 990

2 - 4 - 52

B

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 723055 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	3.0	1.8	.3	.1					
020-040	3.3	3.4	.3	.1					
050-070	2.6	3.2	.5	.3					
(E) 080-100	.4	.4	.1						
110-130	.4	.5							
140-160	1.7	.2	.1						
(S) 170-190	1.4	.3							
200-220	2.3	2.3	.1						
230-250	2.1	2.3	.5						
(W) 260-280	4.6	5.2	.7						
290-310	7.2	4.4	.5	.1					
320-340	4.3	2.1	.7	.1					
VARIABLE									
CALM	//////////////

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

AT [illegible] PERIOD OF RECORD: JUL 79 - JUN 83
MONTH: SEP HOURS: 06-09

ED SPEED IN KNOTS									
-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN WIND	MEDIAN WIND
							5.2	4.9	5.0
							7.2	5.0	5.0
							5.1	5.4	5.0
							1.0	5.0	5.0
							1.0	4.3	5.0
							2.0	5.0	5.0
							1.4	5.0	5.0
							5.3	4.7	5.0
							11.2	4.4	5.0
							17.4	4.7	5.0
							12.4	4.7	5.0
							7.7	4.4	4.0
////////////

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
USAFETAC, ASHEVILLE NC — FROM HOURLY OBS- VATIONS

STATION NUMBER: 726055 — STATION NAME: PEASE AFB NH — 1973
LST TO UTC: + 5 — JAN

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	2.1	2.6	.7						
020-040	3.1	2.9	.4	.4					
050-070	2.4	3.3	.7						
(E) 080-100	2.1	2.2	.2						
110-130	1.3	1.4	.7	.2					
140-160	1.4	1.1	.4						
(S) 170-190	1.3	1.1	.2	.1					
200-220	3.2	3.1	.7						
230-250	2.3	3.7	1.2	.2					
(W) 260-280	3.3	3.2	3.4	.2					
290-310	3.1	3.2	4.7	.7	.1				
320-340	2.4	1.2	2.6	.2					
VARIABLE									
CALM	////	////	////	////	////	////	////	////	////
TOTALS	35.1	35.2	15.0	2.0	.1				

TOTAL NUMBER OF OBSERVATIONS 557

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QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 09-11

WIND SPEED IN KNOTS

1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	64 OR MORE	TOTAL %	MEAN WIND	MEDIAN WIND
												5.3	5.6	5.0
												5.9	6.0	5.0
												5.4	5.7	5.0
												4.4	5.0	5.0
												4.1	5.3	5.0
												3.0	5.3	5.0
												3.1	5.2	4.5
												7.0	5.2	5.0
												13.4	5.3	5.0
												13.4	6.3	6.0
.1												12.3	6.3	5.0
												7.0	7.2	5.0
////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIN
FROM HOURLY OBSERVATIONS

STATION NUMBER: 725056 STATION NAME: PEASE AFB NH PERI
LST TO UTC: + 5 MONTH

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	.4	1.3	.5						
020-040	.5	1.3	.7						
050-070	1.7	2.3	.9						
(E) 080-100	2.0	4.5	.2	.1					
110-130	4.1	6.6	.7		.2		.1		
140-160	2.3	4.3	1.3	.2	.1				
(S) 170-190	1.9	1.2	.3	.1					
200-220	3.1	3.5	2.0						
230-250	3.6	7.0	2.2	.3					
(W) 260-280	2.7	4.7	3.2	.2					
290-310	.4	5.1	5.4	.7	.1				
320-340	.2	2.2	2.5	.4	.1				
VARIABLE									
CALM	////////////

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

APS AM PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 12-14

D SPEED IN KNOTS							TOTAL %	MEAN WIND	MEDIAN WIND
-24	25-29	30-34	35-39	40-49	50-64	GE 65			
							2.3	7.0	7.0
							2.6	7.7	7.0
							5.3	6.4	6.0
							6.0	5.7	6.0
.2		.1					11.7	6.0	6.0
.1							8.1	7.2	7.0
							3.6	5.2	4.0
							3.7	4.5	3.0
							13.0	6.0	6.0
							14.0	7.3	7.0
.1							13.1	8.3	10.0
.1							6.7	8.5	10.0
////////////

OPERATING LOCATION: "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI...
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055 — STATION NAME: PEASE AFB NH — PERIO...
LST TO UTC: + 5 — MONT...

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	.4	.6	.2						
020-040	.3	.8	.2	.1					
050-070	1.2	2.4	.3						
(E) 080-100	2.2	3.3	.3						
110-130	2.7	7.2				.1			
140-160	3.3	10.3	2.9	.1		.1			
(S) 170-190	2.5	2.2	.7	.3		.1			
200-220	2.1	5.0	.2	.1					
230-250	3.3	4.3	1.5						
(W) 260-280	2.7	5.7	2.2	.1	.1				
290-310	1.4	7.3	2.4	.3					
320-340	.5	1.4	2.2	1.3	.2				
VARIABLE									
CAL M	//								
TOTALS	26.1	62.0	14.2	2.4	.3	.3			

TOTAL NUMBER OF OBSERVATIONS 999

A

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
-PDM HOURLY OBSERVATIONS

AFS NH PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 15-17

D SPEED IN KNOTS									
-24	25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
							1.2	5.6	5.0
							1.9	6.5	5.0
							4.4	6.3	5.0
							3.3	5.5	5.0
.1							10.0	5.2	5.0
.1							13.3	5.5	5.0
.1							5.9	6.4	5.0
							7.4	5.7	5.0
							10.2	5.9	5.0
.1							10.5	6.2	5.0
							12.4	7.1	7.0
.2							4.4	13.7	14.0
//							4.1	////////////	
.3	.3						100.0	5.5	5.0

OF OBSERVATIONS 900

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 725066 — STATION NAME: PEASE AFB NH — PERIOD MONTHS:
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	1.3	.6	.2						
020-040	1.3	1.0							
050-070	1.3	1.7	.3						
(E) 080-100	2.0	1.2							
110-130	3.3	1.9	.1						
140-160	.4	4.3	.4						
(S) 170-190	3.0	3.2	.2						
200-220	3.6	2.4	.4	.1					
230-250	3.7	1.7	.1	.1					
(W) 260-280	4.3	1.9	.2	.3	.1				
290-310	4.1	3.1	.7						
320-340	2.7	3.1	1.1	.1					
VARIABLE									
CALM	////////////

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 74 - JUN 79
MONTH: SEP HOURS: 18-20

WIND SPEED IN KNOTS									
1-24	25-29	30-34	35-39	40-47	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
							2.8	4.1	3.0
							2.8	3.9	4.0
							3.9	5.7	5.0
							3.2	4.0	4.0
							4.9	3.9	3.0
							13.7	4.0	4.0
							3.4	4.1	4.0
							3.0	4.2	4.0
							7.5	3.9	4.0
.1							7.1	5.4	4.0
							3.4	5.9	5.0
							5.0	5.1	5.0
							13.9		
.1							100.0	3.7	4.0

OF OBSERVATIONS 400

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 726055 STATION NAME: PEASE AFB NH PERIOD
LST TO UTC: + 5 MONTH:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-47
(N) 350-010	1.3	1.4	.2						
020-040	2.7	1.8							
050-070	1.2	1.1	.6						
(E) 080-100	1.1	.7							
110-130	1.0	.6	.1						
140-160	2.1	.7	.3						
(S) 170-190	3.6	1.2	.1						
200-220	5.3	3.2	.6	.1					
230-250	3.1	2.9	.3						
(W) 260-280	7.4	2.3	1.1	.2					
290-310	5.3	2.2	.7						
320-340	4.2	1.3							
VARIABLE									
CALM	//								
TOTALS	46.9	20.8	4.3	.3					

TOTAL NUMBER OF OBSERVATIONS 929

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] NH PERIOD OF RECORD: JUL 7[illegible] - JUN 8[illegible]
MONTH: SEP HOURS: 21-23

WIND SPEED IN KNOTS

[illegible]-24	25-29	30-34	35-39	40-49	50-54	55 & OVER	TOTAL %	MEAN WIND	MEDIAN WIND
							3.4	4.6	4.0
							4.4	3.2	4.0
							3.4	5.3	4.0
							1.[illegible]	3.[illegible]	3.5
							1.7	4.3	3.0
							3.3	4.[illegible]	4.0
							4.2	3.5	3.0
							3.[illegible]	4.[illegible]	4.0
							11.3	3.[illegible]	3.0
							11.5	4.2	4.0
							[illegible].3	4.7	4.0
							2.3	3.4	3.0
//							29.3	////////////	
							100.0	3.3	4.0

[illegible] OBSERVATIONS 703

[illegible] - 4 - [illegible]

OPERATING LOCATION: WAW PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
USAFETAC, ASHEVILLE NC FROM HOURLY OBS VALUES

STATION NUMBER: 72[illegible] STATION NAME: [illegible]
1ST TD GMT: + 5

DIRECTION (DEGREES)	WIND SPEED (KNOTS) 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-
(N) 330-010	1.9	1.4	.4	.0					
020-040	2.4	2.0	.6	.1					
050-070	1.[illegible]	2.2	.6	.1					
(E) 080-1[illegible]	1.4	1.[illegible]	.1	.0					
110-130	1.[illegible]	2.3	.2	.0	.0	.0	.0		
140-160	4.1	3.3	.[illegible]	.0	.0	.0			
(S) 170-1[illegible]	3.0	1.4	.2	.1		.0			
200-2[illegible]	1.[illegible]	3.[illegible]	.[illegible]	.0					
240-260	4.2	4.4	.[illegible]	.1					
(W) 260-2[illegible]	[illegible].0	5.7	1.[illegible]	.1	.0				
290-310	[illegible].[illegible]	[illegible].4	2.3	.3	.[illegible]				
320-340	[illegible].1	1.[illegible]	1.[illegible]	.0	.[illegible]				
VARIABLE									
CALM	//								
TOTALS	[illegible].[illegible]	33.4	[illegible].[illegible]	3.1					

TOTAL NUMBER OF OBSERVATIONS [illegible]

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: SEP HOURS: ALL

WIND SPEED IN KNOTS

[illegible]	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56 & OV	TOTAL	MEAN	MEDIAN
											%	KTS	KTS
											3.7	5.0	4.[illegible]
											4.[illegible]	5.[illegible]	[illegible].0
											4.[illegible]	5.[illegible]	[illegible].0
											3.[illegible]	5.1	[illegible].[illegible]
											4.[illegible]	[illegible].3	[illegible].0
											[illegible].[illegible]	[illegible].[illegible]	[illegible].0
											[illegible].2	[illegible].[illegible]	[illegible].[illegible]
											7.[illegible]	[illegible].[illegible]	[illegible].[illegible]
											11.[illegible]	[illegible].[illegible]	[illegible].[illegible]
											13.[illegible]	[illegible].[illegible]	[illegible].[illegible]
											11.[illegible]	[illegible].[illegible]	[illegible].[illegible]
											[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible].[illegible]	[illegible]	[illegible]
											100.[illegible]	[illegible].4	[illegible].[illegible]

[illegible] VARIOUS [illegible]

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS
USAFETAC, ASHEVILLE NC

STATION NUMBER: 725055 STATION NAME: PEASE AFB, NH
LST TO UTC: + 5

CATEGORY A: CEILING OF 200 FEET BUT LESS THAN 1500 FEET WITH VISIBILITY OF 1/2 MILE OR GREATER

VISIBILITY OF 1/2 MILE (0800 METERS) BUT LESS THAN 1 MILE (1600 METERS)

DIRECTION (TRUE)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	3.3	3.2	1.4						
020-040	2.3	2.5	1.7	.2					
050-070	1.9	1.2	3.5	.6					
(E) 080-100	2.2	1.6	.1	.1					
110-130	2.5	1.4	.3	.3	.2	.1	.1		
140-160	3.1	3.1	1.1	.2	.2	.1			
(S) 170-190	2.1	1.2	.1			.1			
200-220	2.0	.2	.1	.1					
230-250	2.1	.7	.1						
(W) 260-280	1.3	.4							
290-310	1.4	.4							
320-340	2.1	1.7	1.1						
VARIABLE									
CALM	//								
TOTALS	37.3	35.4	9.7	1.4	.4	.3	.1		

TOTAL NUMBER OF OBSERVATIONS 715

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

AFB, NM PERIOD OF RECORD: JUL 79 - JUN 84
MONTH: SEP HOURS: ALL

FEET WITH VISIBILITY OF 1/2 MILE (0800 METERS).

FEET) OR LESS THAN 3 MILES (4800 METERS) WITH CEILING OF 200 FEET.

WIND SPEED IN KNOTS

4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	TOTAL %	MEAN (KTS)	STDEV (KTS)
									5.9	2.3	1.0
									17.7	5.7	2.7
									20.3	5.7	3.3
									7.0	6.5	5.3
.2	.1	.1							5.6	7.3	4.5
.2	.1								2.3	5.7	3.5
	.1								3.3	6.2	3.9
									3.1	4.6	3.5
									3.3	5.7	3.7
									1.3	5.1	3.9
									1.7	5.1	3.7
									5.3	5.3	.3
////////////

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
USAFETAC, ASHEVILLE NC FROM HOURLY TAPE OBSERVATIONS

STATION NUMBER: 723053 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	4.3	3.2	.2	.1					
020-040	2.5	2.4	.2						
050-070	1.3	.4							
(E) 080-100	.2	.3	.2						
110-130	.2		.2						
140-160	1.4	1.7	.2	.3					
(S) 170-190	1.5	.3	.1	.1					
200-220	3.1	1.5	.1						
230-250	2.4	4.3	.3						
(W) 260-280	2.3	5.7	1.5						
290-310	7.2	5.2	.4	.1					
320-340	4.4	1.5	.3	.1					
VARIABLE									
CALM	//								
TOTALS	43.4	35.7	4.4	.7					

TOTAL NUMBER OF OBSERVATIONS 999

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 70 - JUN 77
MONTH: OCT HOURS: 00-02

WIND SPEED IN KNOTS									
1-24	25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
							7.3	4.7	4.2
							5.6	5.3	5.3
							1.7	3.7	3.3
							.9	6.7	6.2
							.4	7.3	7.3
							3.7	5.2	5.3
							2.3	4.1	3.7
							4.7	4.2	4.3
							11.2	4.3	4.3
							17.3	5.3	4.7
							12.4	4.4	3.7
							7.7	5.2	5.3
////////////

OPERATING LOCATION "AW" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
USAFETAC, ASHEVILLE NC FROM JULY 73 WATER

STATION NUMBER: 723065 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	3.4	3.8	1.0						
020-040	2.3	2.3	.5	.1	.1				
050-070	1.5	.4	.1						
(E) 080-100	.3	.2	.2	.2					
110-130	.2	.4	.1						
140-160	.3	1.1	.1						
(S) 170-190	1.3	1.7		.2					
200-220	1.1	2.3	.2	.1					
230-250	7.7	4.4	.2	.1					
(W) 260-280	3.3	3.2	.3						
290-310	4.1	3.2	1.1						
320-340	1.3	1.	.3						
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	29.1	27.4	3.1	.7	.1				

TOTAL NUMBER OF OBSERVATIONS 293

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUN 79
MONTH: OCT HOURS: 03-05

SPEED IN KNOTS							TOTAL %	MEAN WIND	MEDIAN WIND
							3.2	5.3	5.0
.1							5.6	5.3	5.0
							2.0	4.9	4.3
							1.4	5.6	4.3
							1.1	4.8	4.3
							2.3	5.2	5.0
							3.1	5.5	4.3
							7.3	4.4	4.3
							11.4	4.5	4.3
							15.4	4.7	4.3
							13.9	4.5	4.1
							7.7	3.9	3.5
////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
-ROM SUPPLY WIND VARIANS

STATION NUMBER: 725065 STATION NAME: PEASE AFB NH PERI
LST TO UTC: + 5 MONT

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-43
(N) 350-010	3.2	4.3	1.0						
020-040	3.2	3.0	.3	.1					
050-070	1.1	.5	.2	.2	.1				
(E) 080-100	.4	.1			.1				
110-130	.3	.2							
140-160	.5	1.2	.2	.3					
(S) 170-190	1.1	1.1							
200-220	2.0	1.3	.2	.1	.2				
230-250	2.5	4.1	.4						
(W) 260-280	2.4	7.2	1.2	.1	.1				
290-310	3.7	3.4	2.4	.3	.1				
320-340	3.3	2.7	.1	.2					
VARIABLE									
CALM	////	////	////	////	////	////	////	////	////
TOTALS	41.2	31.1	7.7	1.5	.5				

TOTAL NUMBER OF OBS VARIANS 929

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] NH PERIOD OF RECORD: JUL 79 - JUN 80
MONTH: OCT HOURS: 00-03

WIND SPEED IN KNOTS							TOTAL	MEAN	MEDIAN
1-24	25-29	30-34	35-39	40-49	50-54	GE 55	%	MPH	MPH
							2.2	5.3	5.0
							7.1	5.4	5.0
.2							4.0	7.3	7.0
.1							1.9	4.7	5.0
							1.4	4.3	5.0
							2.4	7.3	7.0
							2.2	4.3	4.5
.2							4.5	5.7	5.0
							12.3	4.9	4.0
..							12.3	5.3	4.0
.1							12.4	5.1	5.0
							9.4	4.7	5.0
////////////

OPERATING LOCATION "AA" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 723055 — STATION NAME: PEASE AFB NH — YEARS
LST IN UTC: + 5 — MONTHS

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	2.6	4.0	1.0	.1					
020-040	3.5	3.5	1.7						
050-070	1.7	2.0	.5	.1	.0				
(E) 080-100	1.2	.5	.1						
110-130	1.5	1.0	.3						
140-160	.6	1.5	1.1						
(S) 170-190	.4	1.1	.2						
200-220	1.3	2.0	.5	.2	.1				
230-250	2.2	5.3	1.2	.3					
(W) 260-280	4.2	7.3	4.2	.7					
290-310	3.1	8.9	5.2	1.3	.1				
320-340	3.7	7.3	3.2	.6	.1				
VARIABLE									
CALM	//////////////

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN 84
MONTH: OCT HOURS: 00-11

WIND SPEED IN KNOTS									
[illegible]	25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
							7.6	5.1	5.0
							4.8	5.1	5.0
							5.3	7.0	6.0
							2.0	4.6	4.0
							3.3	5.4	5.0
							3.7	7.0	6.0
							3.5	6.9	7.0
							5.0	5.5	5.0
							11.[illegible]	6.1	6.0
							13.3	7.2	6.0
							14.0	6.8	6.0
							10.3	7.1	7.0
[illegible]							[illegible]	[illegible]	
							100.0	6.4	6.0

[illegible] OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
FROM MONTHLY SUMMARIES

STATION NUMBER: 72305

STATION NAME: BASE AFB MI
LST TO UTC: + 5

PERI
YEARS

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-
(N) 350-010	1.4	2.4	.3	.1					
020-040	1.5	2.7	.2						
050-070	1.7	3.7	.4	.1	.1				
(E) 080-100	2.0	3.4	.3	.1					
110-130	3.7	3.4	.2						
140-160	1.1	4.2	1.5	.1					
(S) 170-190	.7	2.0	.4	.1					
200-220	2.0	2.3	1.2		.1				
230-250	2.1	4.7	2.2	.1	.2				
(W) 260-280	1.2	7.3	6.1	.7	.2				
290-310	1.2	3.4	5.3	2.2	.7				
320-340	1.1	2.7	3.2	1.1	.2				
VARIABLE									
CALM	////////////

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN 78
MONTH: OCT HOURS: 12-14

WIND SPEED IN KNOTS

	25-29	30-34	35-39	40-49	50-64	65	TOTAL %	MEAN SPD	MEDIAN SPD
							4.7	6.2	6.5
							3.1	5.4	5.0
.1							6.2	6.4	6.0
							7.2	6.3	6.0
							7.2	6.2	6.0
							6.7	7.1	7.0
							8.7	7.1	7.0
.1							6.2	7.2	7.0
.1							10.3	7.4	7.0
.2							12.2	8.2	8.0
.2							13.8	10.1	10.0
.1							6.3	9.2	10.0

[illegible] [illegible] [illegible]

							[illegible]	[illegible]	[illegible]
.3							100.1	7.6	7.0

[illegible] [illegible] [illegible]

OPERATING LOCATION: "AW"
USAFETAC, ASHEVILLE, NC

STATION NUMBER: 72503

STATION NAME: [illegible]

LST TO UTC: + 5

MEAN CEILING IN HUNDREDS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-17	18-24	25-28	29-36	37-49	50+
(N) 350-010	1.4	1.5	.2						
020-040	1.2	1.2	.6	.1					
050-070	2.2	1.6		.1	.3				
(E) 080-100	4.2	3.2	.7	.1					
110-130	4.7	5.2							
140-160	4.3	7.4	1.1						
(S) 170-190	3.3	3.6	.1						
200-220	2.7	3.1	.2						
230-250	3.5	3.9	1.1	.1					
(W) 260-280	2.2	4.3	3.3	.5					
290-310	3.3	5.3	4.2	.2	.3		.1		
320-340	1.3	3.4	2.2	.3	.4				
VARIABLE									
CALM	////////////

[illegible] OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] HOURLY OBS STATIONS

[illegible] PERIOD OF RECORD: JUL 72 - JUN [illegible]
MONTHS: OCT HOURS: 15-17

SPEED IN KNOTS

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL %	MEAN SPEED	SPEED
							3.1	2.1	2.2
							3.7	2.4	5.2
.3							4.4	5.3	2.2
							7.2	5.4	2.3
							9.2	4.3	2.3
							13.4	5.7	2.3
							4.4	5.3	5.2
							5.2	5.1	2.3
							7.1	5.6	2.2
							11.2	7.2	2.3
.3		.1					13.7	7.1	2.3
.4							13.3	7.3	2.2
//							5.4	////////////	
1.3		.1					100.3	5.3	2.3

[illegible] OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY WIND DIRECTION AND SPEED

STATION NUMBER: 72306

STATION NAME: [illegible]

LAT LONG: [illegible]

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35+
(N) 350-21	2.3	1.7	.4					
220-[illegible]	2.5	1.3	.3					
230-[illegible]	1.1	.4	.1	.2		.1		
(E) 230-[illegible]	1.1	.4	.1			.2		
110-[illegible]	1.2	1.3	.3					
140-[illegible]	2.7	2.4	.3	.1				
(S) 170-[illegible]	3.1	1.2	.1					
200-[illegible]	4.2	2.4	.2					
230-[illegible]	4.	1.4	.3	.1				
(W) 260-[illegible]	4.	3.2	.4	.1				
290-31[illegible]	4.2	4.2	2.4	.4				
320-34[illegible]	2.7	4.4	1.7	.3				
VARIABLE								
CALM	//////////////

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
(PERCENTAGE FREQUENCIES)

STATION [illegible] PERIOD OF RECORD: JUL 77 - JUN [illegible]
MONTH: OCT HOURS: 1-20

WIND SPEED IN KNOTS							TOTAL	MEAN	MEAN
[illegible]	1-2	3-3	4-5	6-7	8-9	10 UP	%	WIND	SPEED
							4.2	4.7	4.0
							4.2	4.2	4.0
.1							2.4	3.5	3.2
.2							2.6	3.7	3.2
							3.5	4.0	4.2
							4.2	4.4	4.2
							3.1	3.6	3.2
							7.2	4.4	4.2
							7.2	4.2	4.2
							3.7	3.2	4.2
							10.2	5.2	5.2
							3.4	3.2	4.2
//							22.2	//////////	
.2							100.2	4.2	4.2

NUMBER OF OBSERVATIONS 230

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OBSERVED SURFACE WIND
USAFETAC, ASHEVILLE NC FOR HOURLY OBSERVATIONS

STATION NUMBER: 723383 STATION NAME: BLAS AFB TX PERIOD
LST TO UTC: + 6 4 JUL 1

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	2.3	1.6	.5	.1					
020-040	1.7	2.4	.4						
050-070	1.2	.9	.3						
(E) 080-100	.5	.3	.1						
110-130	.4	.5	.4	.2					
140-160	2.0	1.2	.2	.1					
(S) 170-190	2.3	1.0							
200-220	4.3	3.0							
230-250	5.5	2.5	1.3	.1					
(W) 260-280	3.2	3.1	.6	.2					
290-310	5.4	4.3	1.5	.2					
320-340	4.7	2.3	.5	.2					
VARIABLE									
CALM	//////////////

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FOR HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 74 - JUN 77
MONTH: OCT HOURS: 21-23

WIND SPEED IN KNOTS									
1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	TOTAL	MEAN SPEED (KTS)
								4.1	5.4
								4.5	5.5
								3.3	4.7
								1.1	4.4
								1.5	7.3
								4.4	4.4
								3.3	3.5
								7.3	4.3
								9.1	4.1
								12.2	5.0
								13.4	5.3
								3.3	5.1
//								27.3	//////////
								100.0	5.3

MISSING OBSERVATIONS 230

C - 4 - 93

OPERATIONAL CENTER: [illegible]
USAFETAC, ASHEVILLE, NC

STATION NAME: [illegible]

STATION NUMBER: [illegible]

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
(N) 350-010	2.3	2.3	.7	.1					
020-040	2.3	2.3	.7	.3	.1				
050-070	1.7	1.9	.3	.1	.1	.1			
(E) 080-100	1.9	1.2	.1	.1	.1	.1			
110-130	1.7	1.3	.2	.1					
140-160	2.3	2.5	.3	.1					
(S) 170-190	2.1	1.9	.2	.1					
200-220	2.1	1.4	.4	.1	.1				
230-250	3.1	2.3	1.3	.1	.1				
(W) 260-280	3.3	4.3	2.9	.3	.1				
290-310	4.1	4.3	3.2	.9	.1	.1			
320-340	3.3	3.3	1.9	.4	.1				
VARIABLE									
CALM	//////////////

OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF OCCURRENCE OF WIND I
USAFETAC/DS-79/002 — (IN KNOTS) AND WIND

STATION NUMBER: 72503-5 — STATION NAME: [illegible]
1ST TO 01Z: [illegible]

CAT-EGORY A: CEILING 5,000 FEET OR LESS AND/OR VISIBILITY 3 MILES OR LESS

VISIBILITY 3 1/2 MILES (5500 METERS) OR LESS BUT NOT LESS THAN [illegible]

DIRECTION (TENS)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
(N) 350-010	3.3	7.7	2.6	.2					
020-040	4.1	7.5	3.7	.3	.1				
050-070	3.7	4.2	.8	.3	.	.1			
(E) 080-100	2.2	2.8	1.2	.2	.1	.2			
110-130	2.3	3.0	1.0	.1					
140-160	2.7	4.2	2.1	.4					
(S) 170-190	2.8	2.9	.6						
200-220	1.3	.4							
230-250	1.2	.4	.1						
(W) 260-280	3.2	1.9							
290-310	4.1	.9	.2	.1					
320-340	4.4	3.3	.4	.1					
VARIABLE									
CALM	//								
TOTALS	35.5	39.3	11.5	1.9	1.0	.3			

TOTAL NUMBER OF OBSERVATIONS [illegible]

2 - 4 - 100

A

[illegible]

[illegible]

[illegible]

OPSAIL 3 LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WI
FOR ALL DAYS IN MONTH

STATION NUMBER: 723055 STATION NAME: [illegible]
LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(1) 350-010	3.9	3.4	1.8	.1					
020-040	1.3	3.2	1.1	.4					
050-070	1.1	.7	.4	.2	.1				
(2) 080-100	.6	.1	.1						
110-130	.3	.2	.4						
140-160	1.4	.7	.4						
(3) 170-190	1.2	1.7	.6						
200-220	4.3	4.2	.9						
230-250	4.1	3.2	.4						
(4) 260-280	4.7	7.3	1.6	.2					
290-310	5.1	5.9	4.4	1.3	.2				
320-340	4.3	1.3	.2						
VARIABLE									
CALM	////////////

FREQUENCY (%) OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FOR ANNUAL OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUN
UNITS: KNV HOURS: 00-23

WIND SPEED IN KNOTS							TOTAL		
1-3	4-6	7-10	11-16	17-21	22-27	28-33	%		
							2.4	5.4	5.2
							5.3	7.1	7.3
.1							7.7	7.1	5.3
							.5	3.3	2.3
							1.2	7.4	5.5
							2.3	4.7	5.3
							3.2	5.4	5.2
							3.1	5.4	5.3
							13.3	5.5	5.3
							14.3	5.1	5.2
.2							17.3	7.5	7.3
							3.	4.3	5.3
////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY WIND DIRECTION AND SPEED

STATION NUMBER: 72306

STATION NAME: [illegible]

LST TO UTC: + 5

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56+
(N) 350-010	2.1	3.5	1.6								
020-040	2.9	4.0	1.7	.1							
050-070	.7	1.2	.2	.1							
(E) 080-100	.4	.2	.1								
110-130	.7	.7	.1	.1							
140-160	.7	1.7	.3								
(S) 170-190	.3	.6	.2								
200-220	2.3	3.1	1.1								
230-250	3.2	5.0	2.3								
(W) 260-280	3.1	5.0	4.1	.7	.2						
290-310	3.1	5.3	3.1	2.5	.3						
320-340	2.7	5.2	2.1	1.1	.1						
VARIABLE											
CALM	//////////////

[illegible] OF OCCURRENCE BOTH WIND DIRECTION VERSUS WIND SPEED
[illegible] HOURLY OBSERVATIONS

[illegible] JUL 71 - JUN 72
MONTHS: ALL HOURS: 00-11

WIND SPEED IN KNOTS

[illegible]	01-03	04-06	07-10	11-16	17-21	22 OR MORE	TOTAL	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]
							[illegible]	[illegible]	[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY [illegible]
[illegible] HOURLY [illegible]

STATION NUMBER: 723065 STATION NAME: [illegible]
LST TO UTC: +5

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-47
(N) 350-010	1.5	2.0	1.3	.2					
020-040	1.3	3.2	.8	.1					
050-070	1.7	1.4	.7	.1					
(E) 080-100	1.3	.4	.3						
110-130	1.2	2.3	.2						
140-160	1.3	1.3	.2						
(S) 170-190	1.0	1.4	.7						
200-220	1.7	2.4	1.4						
230-250	3.4	5.9	3.4						
(W) 260-280	1.2	7.1	2.0	.7	.1				
290-310	1.4	5.3	9.0	4.9	.3				
320-340	1.2	4.2	5.4	1.0	.2				
VARIABLE									
CALM	//////////////

[illegible] FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM MIDDLEY DISTRICTS

[illegible] PERIOD OF RECORD: JUL 74 - JUN [illegible]
MONTHS: NOV HOURS: 12-14

[illegible] SPEED IN KNOTS [illegible]	1-3	30-34	35-39	40-49	50-54	55	TOTAL %	MEAN SPEED	MEDIAN SPEED
							5.1	7.1	7.1
							5.1	5.3	5.2
							5.7	5.2	5.2
							7.1	7.1	7.1
							5.1	5.1	5.1
							5.1	5.4	5.2
							5.4	5.7	5.7
							5.7	5.4	5.1
							11.2	7.2	7.2
							14.	5.1	7.2
.2							22.	11.3	11.2
.2							17.1	5.4	7.1
//							3.7	//////////	
[illegible]							100.1	.7	5.2

[illegible] [illegible] [illegible] [illegible]

6

OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF OCCURRENCE OF WIND SPEED AND DIRECTION
USAFETAC, ASHEVILLE NC — FOR PERIOD OF RECORD

STATION NUMBER: 72386 — STATION NAME: READ AFB VA — LAT/LONG:
LST TO UTC: + 5 — ELEV:

WIND SPEED IN KNOTS

| DIRECTION (DEGREES) | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 | 80-84 | 85-89 | 90-94 | 95-99 | 100-104 | 105-109 | 110-114 | 115-119 | 120-124 | 125-129 | 130-134 | 135-139 | 140-144 | 145-149 | 150-154 | 155-159 | 160-164 | 165-169 | 170-174 | 175-179 | 180-184 | 185-189 | 190-194 | 195-199 | 200-204 | 205-209 | 210-214 | 215-219 | 220-224 | 225-229 | 230-234 | 235-239 | 240-244 | 245-249 | 250-254 | 255-259 | 260-264 | 265-269 | 270-274 | 275-279 | 280-284 | 285-289 | 290-294 | 295-299 | 300-304 | 305-309 | 310-314 | 315-319 | 320-324 | 325-329 | 330-334 | 335-339 | 340-344 | 345-349 | 350-354 | 355-359 | TOTAL |
|---|---|---

[illegible]

[illegible]

[illegible]

OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF OCCURRENCE BY WIND SPEED AND DIRECTION

USAFETAC, ASHEVILLE, NC

STATION NUMBER: 72306 — STATION NAME: [illegible] — PERIOD OF RECORD: [illegible]

1ST ID WIC: 4 5 — ALTITUDE: [illegible]

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
(N) 350-010	1.6	1.7	.6						
020-040	1.9	2.2	1.0	.3					
050-070	1.6	1.2	.1	.0					
(E) 080-100	.9	1.2	.7	.1					
110-130	1.2	1.0	.4						
140-160	.9	1.1	.1	.2	.1				
(S) 170-190	2.0	3.0	.6	.2					
200-220	2.1	2.7							
230-250	1.7	1.7	.4						
(W) 260-280	.8	.6	1.2	.2					
290-310	2.7	3.1	4.	1.7	.2				
320-340	2.7	3.4	2.0	.3	.1				
VARIABLE									
CALM	//								
TOTALS	24.	26.2	12.4	3.3	.4				

TOTAL NUMBER OF OBSERVATIONS [illegible]

A

1 - 4 - 1??

STATE	AMC	TOTAL	STATIONED UNITS								
(MI)	1-1	1.7	2.1		.1						
	2-1	1.4	1.1		.1						
	3-1	1.1	.1		.1						
(IL)	4-1	.2	1.2		.2						
	5-1	.1	1.1		.1		.1				
	6-1	.1	1.1		.1						
(IN)	7-1	3.1	4.1		.1	.1	.1				
	8-1	.1	3.1		.1						
	9-1	.1	3.1		.1	.1					
(WI)	10-1	.2	3.1		3.1	.1					
	11-1	4.1	.1	4.1	1.1	.1	.1				
	12-1	1.6	2.7	1.6	.1						

VARIABLE

CAL 1 //

TOTALS 13.1 33.1 12.6 3.1 .1 .

TOTAL STATIONED UNITS 133

[illegible]

[illegible]

[illegible]

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OBSERVATIONS BY STABILITY CLASS AND WIND SPEED
USAFETAC, ASH MILL NC 01 JAN 65 - 31 DEC 74

STATION NUMBER: 72305 STATION NAME: MEAS 10 m
SITE UTC: + 5 HEIGHT:

CATEGORY A: DELTA T ≥ 2.0 °C/100 METERS AND WIND VELOCITY ≥ 1.42 M/S
VISIBILITY OF 1/2 MILE (0.805 METERS) OR LESS THAN 3 MILES (4.83

WIND SPEED IN KNOTS										
DIRECTION (DEG. TRUE)	1-4	5-7	10-16	17-21	22-27	28-33	34-40	41-47	48-55	56+
(1) 353-007	1.3	.6	3.6	.2	.1					
008-022	2.0	7.2	4.0	1.2	.2					
023-037	2.0	3.7	2.7	2.4	.1					
(2) 038-052	1.2	1.2	1.3	.3						
053-067	1.2	.1	1.2	.2		.1				
068-082	1.2	.1	1.2	.2	.1					
(3) 083-097	2.2	2.1	.6	.2	.1					
098-112	1.7	2.1	.7							
113-127	1.2	.4	.2							
(4) 128-142	2.2	1.2	.3							
143-157	1.2	1.4	.1	.1	.2	.1				
158-172	1.2	2.4	1.1	.2	.1					
VARIABLE										
CALM	////////////

FREQUENCY OF OCCURRENCE CEILING AND DIRECTION VERSUS WIND SPEED
[illegible] HOURLY OBS WITHIN

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: ANY HOURS: ALL

[illegible] WITH VISIBILITY OF 1/2 MILE (800) METERS).

[illegible] AT LEAST THAN 3 MILES (4800) METERS) WITH CEILING OF [illegible] FEET.

WIND SPEED IN KNOTS

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL (%)	CALM (%)	VARIAB (%)
.1							15.1	7.2	2.1
.1							10.1	7.4	2.1
.1							11.2	7.2	2.1
							9.2	7.2	2.2
	.1						7.1	7.3	2.2
.1							7.2	7.3	2.1
.1							9.1	7.1	2.2
							6.3	5.2	2.2
							8.2	6.2	6.2
							6.1	6.2	6.2
.2	.1						8.2	6.2	7.2
.1							5.4	5.3	5.2
//							4.2	//////////////	
.2	.1						100.2	6.7	7.2

[illegible] MISSING 1555

D

OPERATING LOCATION: WAW
USAFTAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF JOINT WIND DIRECTION AND WIND SPEED

STATION NUMBER: 72305

STATION NAME: RALEIGH-DURHAM, NC

LST TO UTC: + 5

YEARS: 1961-65

DIRECTION (DEG-TRUE)	WIND SPEED (KNOTS) 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-99
(N) 350-010	3.2	2.3	.5	.3					
020-040	1.5	1.2	1.0	.1					
050-070	.4	.2	.3						
(E) 080-100	.2	.0	.2						
110-130	.3	.1	.2						
140-160	.2	.2	.4						
(S) 170-190	.3	.5	.2	.1					
200-220	2.2	2.7	.9						
230-250	4.1	3.4	1.2						
(W) 260-280	7.3	7.1	1.1	.3	.3				
290-310	4.7	7.2	3.4	2.2	.3				
320-340	3.7	3.3	1.2	.2					
VARIABLE									
CALM	////////////

FREQUENCY OF OCCURRENCE, DISTANCE WIND DIRECTION (FROM) AND WIND SPEED
[ ] APPLY [ ] USE VARIABLES

PERIOD OF RECORD: JUL 77 - JUL 77
MONTH: DEC HOURS: 00-02

WIND SPEED (KNOTS)

	1-3	4-6	7-10	11-16	17-21	22-99	TOTAL %	MEAN WIND	PEAK WIND
							4.0	5.7	6.2
							4.1	5.2	6.2
							1.3	5.1	6.2
							1.7	5.3	8.6
							.7	5.2	5.6
							1.3	5.4	6.2
							2.0	4.7	6.2
							7.4	5.0	6.2
							14.4	6.4	7.2
							15.7	6.7	7.2
							17.4	7.2	7.2
							9.7	7.1	8.2
////////////

OPERATING LOCATION NAME: PERCENTAGE FREQUENCY OF OCCURRENCE BY WIND
JSARTAC, ASHEVILLE NC FOR JANUARY 1973 - MAY 1978

STATION NUMBER: 723175 STATION NAME: ASHEVILLE NC YEARS
LST TO UTC: + 5 12 HRS

DIRECTION (DEGREES)	WIND SPEED (KNOTS) 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
(N) 350-010	1.7	4.3	1.4						
020-040	1.5	2.4	1.3						
050-070	.2	.3	.2	.1					
(E) 080-100	.2	.3	.2	.1					
110-130	.1	.2	.2	.1					
140-160	.1	.2	.2						
(S) 170-190	1.2	1.2	.2						
200-220	4.4	4.3	.2						
230-250	2.1	4.0	1.3	.1					
(W) 260-280	3.3	3.3	1.1	.3					
290-310	.7	3.2	4.5	1.2	1.0				
320-340	1.2	3.1	1.3	1.3	.2				
VARIABLE									
CALM	//								
TOTALS	31.4	31.2	14.7	3.2	1.2				

TOTAL NUMBER OF OBSERVATIONS 423

[illegible] OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] HOURLY OBS WITHIN

[illegible] PERIOD OF RECORD: JUL 77 - JUN [illegible]
MONTH: DEC HOURS: 03-05

[illegible] (KNOTS) [illegible]-17	17-21	22-26	27-33	34-40	41-47	48-55	56-63	TOTAL %	[illegible] WIND	[illegible] WIND
								7.4	5.3	4.3
								4.3	2.2	1.3
								1.4	.7	.7
								.3	.3	.3
								1.3	.3	[illegible]
								1.3	[illegible]	[illegible]
								2.3	[illegible]	[illegible]
								3.3	[illegible]	[illegible]
								[illegible]	[illegible]	[illegible]
								[illegible]	[illegible]	[illegible]
								[illegible]	[illegible]	[illegible]
								[illegible]	[illegible]	[illegible]
//								[illegible]	//////////	
								[illegible]	[illegible]	[illegible]

[illegible] VALID OBS 423

[illegible] - 4 - [illegible]

OPERATING LOCATION NAME: PERCENTAGE FREQUENCY OF OCCURRENCE OF WIND SPEED AND DIRECTION

USAFFIAC, ASHEVILLE NC

STATION NUMBER: 72303 STATION NAME: [illegible] NC

LST IN USE: 5 YEARS: [illegible]

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48+
(N) 350-010	2.0	3.5	1.1							
020-040	.8	3.4	1.2							
050-070	.8	.8	.2							
(E) 080-100		.3	.1							
110-130			.1							
140-160	.	.2		.2						
(S) 170-190	1.3	.3								
200-220	1.3	2.7	.5							
230-250	2.2	4.4	1.3	.1						
(W) 260-280	2.3	5.1	1.5	.3	.2					
290-310	2.2	3.3	3.7	2.7	1.3					
320-340	1.	2.2	1.7	.4						
VARIABLE										
CALM	//////////////

FREQUENCY OF OCCURRENCE: SURFACE WIND DIRECTION VERSUS WIND SPEED

[illegible]

PERIOD OF RECORD: JUL 77 - JUL [illegible]
OBSV: 240 HOURS: 00-23

WIND SPEED (KNOTS)	TOTAL %	[illegible] %	[illegible] %
[illegible]	3.6	3.4	[illegible]
[illegible]	[illegible]	7.2	7.[illegible]
[illegible]	1.[illegible]	7.1	7.[illegible]
[illegible]	.6	7.7	7.[illegible]
[illegible]	.1	12.0	12.[illegible]
[illegible]	1.[illegible]	[illegible]	[illegible]
[illegible]	2.[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	15.[illegible]	[illegible]	[illegible]
[illegible]	15.2	[illegible]	[illegible]
[illegible]	12.[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	100.[illegible]	[illegible]	[illegible]

[illegible]

B

[illegible]

[illegible]

[illegible]

[illegible]

PERIOD OF RECORD: JUL 77 - JUN 79
MONTH: DEC HOURS: 15-17

[illegible]							TOTAL		
							%		
							5.3		7.3
							3.9		7.3
							1.9		.3
							1.3		
							2.6		
							3.9		
							4.2		
							5.9		
							.9		.3
							17.1		
							21.3		
							.3		.3
							12.9		
							100.0		

[illegible]

B

OPERATING LOCATION: NAW
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND
FROM ASHEVILLE OBSERVATIONS

STATION NAME: ASHEVILLE NC
LST TO UTC: + 5

STATION NO: 72203
PERIOD: 1973-1982

DIRECTION (TRUE)	WIND SPEED (KNOTS) 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-45
(N) 350-010	2.2	3.0	1.2						
020-040	1.2	2.2	.7						
050-070	.4	.3							
(E) 080-100	.3	.4	.2	.1					
110-130	.4	.3	1.1	.1					
140-160	1.1	.2	.2	.1	.1				
(S) 170-190	.4	.2	.1						
200-220	.3	.3	.1						
230-250	.4	.1	1.4	.2					
(W) 260-280	.7	.6	.3	1.2	.1				
290-310	.4	.7	.5	1.9	.5	.1			
320-340	2.3	2.	1.7	.5	.1	.1			
VARIABLE									
CALM	////////////

[illegible] SURFACE SYNOPTIC WIND DIRECTION VERSUS WIND SPEED
FROM BUOY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 71 - JUL [illegible]
[illegible] MINIMUM LAT: 0 MAXIMUM LAT: 17

[illegible] SPEED [illegible] KNOTS						TOTAL	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
						6.1	5.4	[illegible]
						4.[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]					15.4	[illegible]	[illegible]
[illegible]	[illegible]					[illegible]	[illegible]	[illegible]

[illegible] OBSERVATIONS [illegible]

OPERATING LOCATION: RAW — PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WI
JSAFFTAC, ASHEVILLE NC — BY HOURLY DATA

STATION NUMBER: 723193 — STATION NAME: PHASE A-3 AP — PERI
LST ID VIS: + 5 — MONTH:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-4
(N) 350-010	1.5	2.2	.6	.2					
020-040	1.6	2.7	.4						
050-070	.4	.2	.1						
(E) 080-100	.2	.3	.2						
110-130	.1	.4	.3		.1				
140-160	.4	.2	.4	.1	.1				
(S) 170-190	2.3	.9	.3		.1				
200-220	4.7	2.4	.7	.1					
230-250	.7	0.3	0.2						
(W) 260-280	7.4	2.9	1.2	1.2					
290-310	4.4	7.2	4.2	1.1	1.1	.1			
320-340	4.7	2.3	1.6	.9	.3				
VARIABLE									
CALM	//////////////

[illegible] OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 74 - JUN 80
MONTH: DEC HOURS: 21-23

[illegible] KNOTS						TOTAL	MEAN (KTS)	MEDIAN (KTS)
[illegible]	21-24	25-29	30-34	35-39	40-54	55 OR GT				
						9.4	5.7	5.3
						5.1	5.3	5.3
						4.1	4.3	4.3
						1.5	7.1	7.3
						.7	3.9	3.5
						1.4	5.0	5.3
						4.2	5.2	4.3
						7.7	6.5	6.5
						14.3	7.7	7.3
						15.0	5.3	5.3
[illegible]	[illegible]					13.1	5.3	5.1
						13.7	5.9	5.3
[illegible]						//////	//////	//////
[illegible]	[illegible]					100.3	5.7	5.3

[illegible] VALID OBS [illegible]

OPERATING LOCATION "AA"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FOR JULY (ALL YEARS)

STATION NUMBER: 72306 STATION NAME: ASHEVILLE AP NC
LST TO UTC: + 5

DIRECTION	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47
(VARIABLE)									
(N) 350-010	2.1	3.7	1.0	.1					
020-040	1.4	2.4	.5	.0					
050-070	.5	.5	.2	.0					
(E) 080-100	.4	.5	.3	.0					
110-130	.4	.5	.4	.1	.0				
140-160	.2	.4	.2	.1	.0				
(S) 170-190	1.2	1.5	.2	.0	.0				
200-220	3.3	2.5	.7	.0					
230-250	5.3	5.3	1.7	.1		.0			
(W) 260-280	4.2	5.7	3.	.2	.0	.1			
290-310	4.2	4.4	4.6	2.2	.4	.1			
320-340	3.4	3.2	2.1	.4	.2	.0			
VARIABLE									
CALM	////////////

QUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 73 - DEC 80
MONTH: DEC HOURS: ALL

WIND SPEED IN KNOTS							TOTAL	MEAN	% DIAM
							%	KNOTS	KNOTS
							5.3	5.4	2.0
							4.5	5.3	7.0
							1.3	5.1	5.0
							1.3	5.5	6.0
							1.2	7.7	3.0
							1.7	5.9	4.0
							3.1	4.5	4.0
							5.0	5.1	4.0
							13.4	5.7	4.0
							17.1	7.0	4.0
							13.3	4.4	3.0
							3.4	7.7	5.0
//							14.0	//////////	
							100.0	5.1	4.0

OBSERVATIONS 2440

OPERATING LOCATION: NAW — PERCENTAGE FREQUENCY OF [illegible] WIND [illegible]
USAFFTAC, ASH VILLE NC — [illegible] OBSERVATIONS

STATION NUMBER: 723165 — STATION NAME: [illegible] — [illegible]
LST TO UTC: + 5 — [illegible]

CATEGORY A: CEILING OF 200 FEET LESS THAN 1/2 MILE — FEET WITH VISIBILITY OF 1/2 MILE

VISIBILITY OF 1/2 MILE (800 METERS) BUT LESS THAN 1 MILE (1600 METERS)

DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63
(N) 350-010	4.2	11.3	3.2	.1							
020-040	2.4	5.1	3.2	.1							
050-070	1.3	1.5	1.1	.1							
(E) 080-100	.7	1.3	2.2	.4							
110-130	.4	1.1	2.3	.3	.1						
140-160	.3	1.3	1.1	.4	.2						
(S) 170-190	1.2	1.7	.2	.1	.1						
200-220	.1	1.7	.7								
230-250	.1	1.4									
(W) 260-280	1.4	1.1	.2								
290-310	1.1	1.3	.4	1.3	.1						
320-340	1.3	4.3	1.1	1.3	.1						
VARIABLE											
CALM	////	////	////	////	////	////	////	////	////	////	////
TOTALS	16.2	36.1	15.7	3.6	.6						

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] - 4 - 1[illegible]

A

...ENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
... HOURLY OBSERVATIONS

...   PERIOD OF RECORD: JUL 73 - JUN ...
                       MONTH: DEC   HOURS: ALL

...

... CEILING LESS THAN 1/2 MILE (800 METERS) AND/OR VISIBILITY LESS THAN 1/2 MILE (800 METERS).

... CEILING LESS THAN 3 MILES (480) METERS) BUT CEILING GE 200 FEET.

...	KNOTS							
...	1-3	4-6	7-10	11-16	17-21	22-27	TOTAL	MEAN
							%	MPH
						1	1.6	4....
							12.3	7.4
							4.2	7.1
							5.0	6.6
							4.2	10.1
							4.0	7.5
							3....	6.7
							4....	6.1
							3.0	4.0
							4....	6.2
							6.0	7.3
							12.0	6.7
//							13.0	//////////
							100.0	6.7

... OBSERVATIONS = ...

OPERATING LOCATION NAME: USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION AND SPEED

STATION NUMBER: 72306

STATION NAME: ASHEVILLE, NORTH CAROLINA

LST INDICATOR: 4

YEARS: 73-77

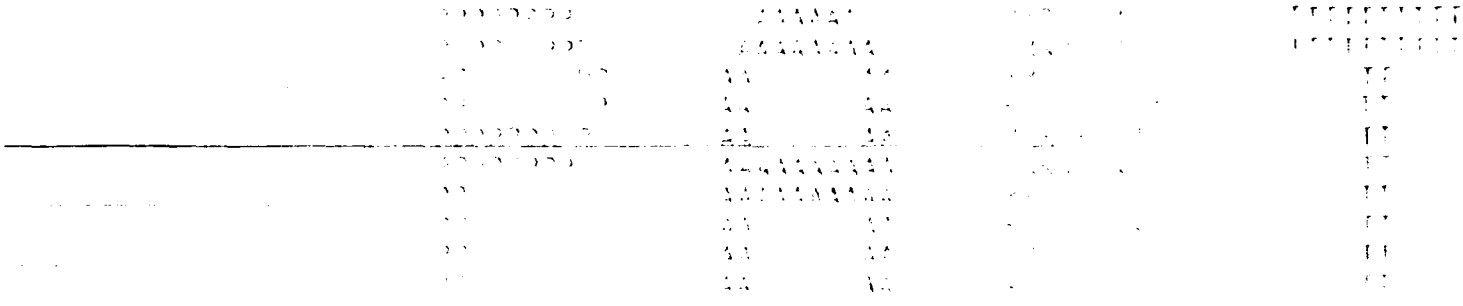
MONTHS: JAN

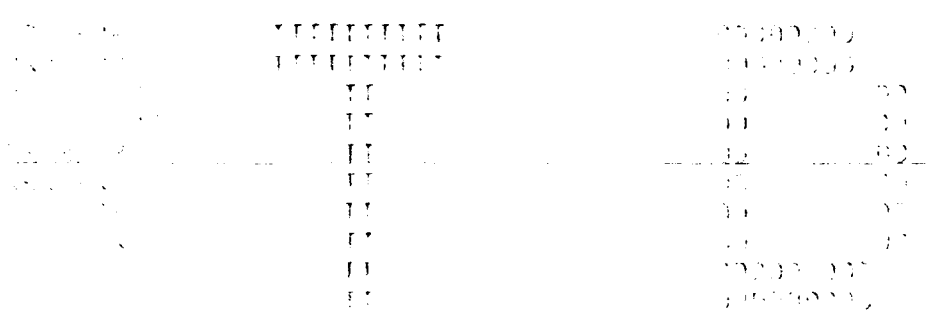
DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-8	9-14	15-19	20-24	25-29	30-34	35-39	40-44	45
(N) 350-010	2.1	2.4	.7	.1	.0					
020-040	1.4	2.4	1.0	.1	.0					
050-070	1.4	1.5	.5	.2	.0	.0				
(E) 080-100	1.9	1.4	.4	.0	.0	.0				
110-130	1.7	2.2	.4	.1	.0	.0	.0			
140-160	1.1	3.0	.2	.1	.0	.0				
(S) 170-190	2.3	1.7	.3	.0	.0	.0				
200-220	4.1	3.4	.7	.0	.0					
230-250	4.7	3.2	.8	.1	.0	.0				
(W) 260-280	4.2	5.3	2.4	.7	.1	.0				
290-310	3.9	4.7	4.2	1.3	.3	.0	.0			
320-340	3.2	4.1	1.7	.7	.1	.0				
VARIABLE										
CALM	//////////////

[illegible]

[illegible]

[illegible]





PART I

CEILING VERSUS VISIBILITY AND SKY COVER SUMM

CEILING VS VISIBILITY--PERCENT FREQUENCY OF OCCURRENCE TABLE (PFO). CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A TABULATION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (WHERE A "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (MILES) TO GREATER THAN OR EQUAL TO A SPECIFIC VALUE (I... TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH

- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).

- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

RECORD OF THE CUMULATIVE RATIOS OF THESE SUMMARIES, IF DESIRED, THE PERCENTAGE OCCURRENCE FREQUENCY (PFO) FOR ANY SPECIFIC VISIBILITY LIMIT(S), EITHER SINGLY OR IN ANY COMBINATION DESIRED, REGARDLESS OF THE CEILING ALONE, REFER TO THE PERCENT VISIBILITY TABLE. (PVT) FOR DESCRIBING VISIBILITY ALONE, REFER TO THE PERCENT CEILING TABLE (PCT) DETERMINE THE PERCENT OCCURRENCE FREQUENCY FOR ANY GIVEN CEILING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING COLUMN.

NOTE 1: IN JANUARY 1964, METAR STATION ... WILL BE ADDED HOURLY. VALUES ...

NOTE 2: MOST AVIATION CIVILIAN STATIONS ... THIS COMPARISON APPEARS IN THE ... TABLE.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .8684 NAUTICAL MILES. FOR STATUTE-TO-METRIC, FOR CONVERSION METERS TO 1 STATUTE

SKY COVER--PERCENT OCCURRENCE FREQUENCY.
ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENT OCCURRENCE FREQUENCY (PFO) OF SKY COVER IN EIGHTHS AS CLEAR, SCATTERED, BROKEN, OVERCAST, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, ... BOTH END SKY COVER CREATED FROM ... (I. .. 4/8). SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE ...

A

PART 2

HOURLY VISIBILITY AND SKY COVER SUMMARIES

[illegible] PROBABILITY (PDF).
[illegible] WHILE, THIS SUMMARY IS A BIVARIATE DISTRIBUTION
[illegible] CLASSES OF CEILINGS (FROM ZERO) FEET TO 20,000 FEET--
[illegible] CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES
[illegible] TO 7 STATUTE MILES (11,265 METERS)). IN
[illegible]:

[illegible] TIME POINTS FOR EACH MONTH (ALL YEARS COMBINED).

[illegible] ALL HOURS COMBINED).

[illegible] ALL HOURS FOR [illegible]).

[illegible] OF THESE SUMMARIES, IT IS POSSIBLE TO
[illegible] PROBABILITY (PDF) FOR ANY GIVEN CEILING
[illegible]), [illegible] PARTICULAR OR IN ANY COMBINATION.
[illegible] FOR [illegible] WHICH IS TRUE. IT DETERMINES
[illegible] WITH [illegible] VISIBILITY (FOR VISIBILITY).
[illegible], [illegible] TO [illegible] FROM (2 OR) CEILINGS).
[illegible] TO [illegible] EXCEEDS ANY GIVEN SET OF VALUES BY STATION
[illegible], [illegible] THE APPROPRIATE CEILING AND VISIBILITY

[illegible] STATISTICS [illegible] REPORTING VISIBILITIES TO THE STATUTE
[illegible] ALSO [illegible] THAT [illegible] ARE REPORTED AS "6+."

[illegible] STATISTICS [illegible] REPORTED, ALL CEILINGS GREATER
[illegible] THAN [illegible] ARE CLASS.

[illegible] = 1,[illegible].344 METERS = .8684 NAUTICAL MILES.
[illegible] STATUTE MILE = 1,609 METERS.

[illegible] OF SKY.
[illegible] AVAILABLE, THIS SUMMARY GIVES PERCENTAGES
[illegible] OF SKY COVER - IN LIGHT OF SYNOPTIC STATIONS, NOT
[illegible], FORECAST, AS TIMELY ASCERTAINED, AS TIMELY
[illegible]. FOR SUMMARY STATIONS, THIS SUMMARY ALSO GIVES
[illegible] PREVAILING (I.E., 6/10). DATA IS SUMMARIZED BY
[illegible].

[illegible] VARIABLE [illegible] REPORTING STATIONS.

- 1 - 2

NOTE 2. AIRWAYS STATIONS THAT HAVE COMPLETED THE SYNOPTIC
SYNOPTIC SKY COVER REPORTS COMMENCE AT FOLLOWS:

2/3.....

1/3 THRU 4/9.....

5/8 THRU 7/8.....

8/8.....

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY AND
COMPUTATION OF "GREATER THAN 1/2" OBSCURED". "TOTAL
OBSCURE, ARE INCLUDED".

D - 1 - 3

[illegible] THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
REPORTS DISTRIBUTED AS FOLLOWS:

.....CLEAR

.....SCATTERED

.....BROKEN

.....OVERCAST

[illegible] "TOTAL" IS A SEPARATE CATEGORY NOT INCLUDED IN
THE "OVER 1/2" DESIGNATORS. "TOTAL OBSERVATIONS,"

- 1 - 3

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY
FIVE DAILY OBSERVATIONS

STATION NUMBER: 723255 STATION NAME: [illegible] AFB NC
LST TO UTC: + 5

MONTH: J

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 20000	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 15000	65.2	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6
GE 10000	66.3	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 14000	65.7	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 12000	65.8	65.9	66.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 10000	68.4	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 9000	69.5	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 8000	72.5	72.6	73.0	73.2	73.2	73.3	73.3	73.3	73.3	73.3
GE 7000	73.2	73.7	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 6000	74.1	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 5000	75.4	75.7	76.2	76.1	76.2	76.2	76.2	76.2	76.2	76.2
GE 4500	77.4	78.1	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7
GE 4000	79.5	80.1	80.5	81.0	81.1	81.1	81.1	81.1	81.1	81.1
GE 3500	82.5	83.2	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8
GE 3000	85.5	86.1	86.2	86.4	86.5	86.6	86.7	86.7	86.7	86.7
GE 2500	88.1	88.9	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.5
GE 2000	89.3	90.7	91.1	92.1	92.3	92.3	92.4	92.4	92.4	92.4
GE 1800	90.1	91.4	91.8	92.8	93.0	93.0	93.1	93.1	93.1	93.1
GE 1500	91.3	92.8	93.2	94.3	94.5	94.5	94.6	94.6	94.6	94.6
GE 1200	92.7	94.3	94.8	96.0	96.3	96.3	96.4	96.4	96.4	96.4
GE 1000	93.4	95.0	95.5	96.7	97.0	97.0	97.1	97.1	97.1	97.1
GE 900	93.7	95.3	95.8	97.0	97.3	97.3	97.4	97.4	97.4	97.4
GE 800	93.9	95.6	96.1	97.3	97.6	97.6	97.7	97.7	97.7	97.7
GE 700	94.2	95.9	96.4	97.6	97.9	97.9	98.0	98.0	98.0	98.0
GE 600	94.3	96.0	96.5	97.7	98.0	98.0	98.1	98.1	98.1	98.1
GE 500	94.6	96.3	96.8	98.0	98.3	98.3	98.4	98.4	98.4	98.4
GE 400	95.1	96.8	97.3	98.5	98.8	98.8	98.9	98.9	98.9	98.9
GE 300	95.4	97.1	97.6	98.8	99.1	99.1	99.2	99.2	99.2	99.2
GE 200	95.7	97.4	97.9	99.1	99.4	99.4	99.5	99.5	99.5	99.5
GE 100	95.8	97.5	98.0	99.2	99.5	99.5	99.6	99.6	99.6	99.6
GE 000	95.8	97.5	98.0	99.2	99.5	99.5	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 930

1 - 1 - 1

A

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: JAN HOURS: 03-12

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES										
[illegible] 1/2	[illegible] 1	[illegible] 1 1/2	[illegible] 1 1/4	[illegible] 1	[illegible] 3/4	[illegible] 5/8	[illegible] 1/2	[illegible] 3/	[illegible] 1/4	[illegible] 0
[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4
[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4
[illegible].6	[illegible].6	[illegible].6	[illegible].6	[illegible].6	[illegible].6	[illegible].6	[illegible].6	[illegible].6	[illegible].6	[illegible].6
[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7
[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1
[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0
[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2
[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3
[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1
[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3
[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7
[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1
[illegible].5	[illegible].5	[illegible].5	[illegible].5	[illegible].5	[illegible].5	[illegible].5	[illegible].5	[illegible].5	[illegible].5	[illegible].5
[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7
[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7
[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2
[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0
[illegible].6	[illegible].6	[illegible].6	[illegible].6	[illegible].6	[illegible].6	[illegible].6	[illegible].6	[illegible].6	[illegible].6	[illegible].6
[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3
[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1
[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4
[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0
[illegible].9	[illegible].9	[illegible].9	[illegible].9	[illegible].9	[illegible].9	[illegible].9	[illegible].9	[illegible].9	[illegible].9	[illegible].9
[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1
[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4
[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0
[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7
[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2
[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0
[illegible].9	[illegible].9	[illegible].9	[illegible].9	[illegible].9	[illegible].9	[illegible].9	[illegible].9	[illegible].9	[illegible].9	[illegible].9
[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1
[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3
[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1
[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4
[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0
[illegible].9	[illegible].9	[illegible].9	[illegible].9	[illegible].9	[illegible].9	[illegible].9	[illegible].9	[illegible].9	[illegible].9	[illegible].9

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY
USAFETAC, ASHEVILLE NC — FOR ALL OBSERVATIONS

STATION NUMBER: 723065 STATION NAME: [illegible] — [illegible]
LST TO UTC: + 5 — UNITS: 2

CEILING IN FEET	VISIBILITY IN STATUTE MILES: 10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	57.1	57.7	57.[illegible]	57.[illegible]	57.8	57.[illegible]	57.[illegible]	[illegible].1	[illegible].1	[illegible].1
GE 20000	62.7	63.[illegible]	63.9	63.9	63.7	63.[illegible]	63.8	63.1	63.1	63.1
GE 18000	63.3	63.1	63.2	63.2	63.2	63.2	63.3	63.4	63.4	63.4
GE 16000	63.3	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.[illegible]	63.[illegible]
GE 14000	63.3	64.3	64.1	64.1	64.1	64.1	64.1	64.3	64.2	64.2
GE 12000	64.1	64.7	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	65.1	65.1	65.1
GE 10000	[illegible].[illegible]	[illegible].[illegible]	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 9000	69.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 8000	70.9	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 7000	71.1	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 6000	71.[illegible]	73.[illegible]	73.9	73.9	73.8	73.9	73.9	73.[illegible]	73.[illegible]	73.[illegible]
GE 5000	73.6	73.7	74.3	74.3	74.2	74.[illegible]	74.[illegible]	74.[illegible]	74.[illegible]	74.[illegible]
GE 4500	74.[illegible]	74.[illegible]	75.1	75.1	75.3	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]
GE 4000	77.8	77.1	77.7	77.9	80.1	80.1	[illegible].1	[illegible].3	[illegible].3	[illegible].3
GE 3500	79.[illegible]	[illegible].1	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].2	[illegible].2	[illegible].4	[illegible].[illegible]	[illegible].[illegible]
GE 3000	[illegible].3	[illegible].1	[illegible].[illegible]	[illegible].1	[illegible].[illegible]	[illegible].[illegible]	[illegible].7	[illegible].7	[illegible].[illegible]	[illegible].[illegible]
GE 2500	[illegible].[illegible]	[illegible].4	[illegible].2	[illegible].[illegible]	[illegible].[illegible]	[illegible].1	[illegible].2	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
GE 2000	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].2	[illegible].[illegible]	7.[illegible]	[illegible].1	[illegible].4	[illegible].4	7.[illegible]
GE 1800	[illegible].[illegible]	[illegible].[illegible]	[illegible].1	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].7	[illegible].7	[illegible].7
GE 1600	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].3	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
GE 1200	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
GE 1000	[illegible].[illegible]	[illegible].1	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
GE 900	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
GE 800	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
GE 700	[illegible].7	[illegible].[illegible]	[illegible].4	[illegible].4	[illegible].3	[illegible].[illegible]	[illegible].[illegible]	[illegible].4	[illegible].7	[illegible].[illegible]
GE 600	[illegible].7	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].4	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
GE 500	[illegible].[illegible]	[illegible].1	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
GE 400	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].7	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
GE 300	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
GE 200	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
GE 100	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
GE 000	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS 932

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FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ALL WEATHER OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUN 77
MONTH: JAN HOURS: 03-06

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
7	57.3	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.3	57.2
5	53.3	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2
4	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5
3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.7
2 1/2	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4
2	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2
1 1/2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
1 1/4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
3/4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
5/8	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5
1/2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5
3/8	75.3	75.5	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.7
1/4	.1	.1	.2	.2	.3	.3	.3	.4	.4	.4	.4
0	2.2	2.4	2.5	2.5	2.6	2.6	2.6	2.8	2.8	2.8	2.8
M	4.7	4.7	4.8	4.8	4.8	4.8	4.9	5.1	5.1	5.1	5.1
7	7.1	7.2	7.3	7.3	7.3	7.3	7.3	7.5	7.5	7.5	7.5
5	7.1	7.4	7.4	7.4	7.4	7.4	7.4	7.6	7.6	7.6	7.6
4	7.2	7.7	7.7	7.7	7.7	7.7	7.7	7.9	7.9	7.9	7.9
3	7.4	8.2	8.3	8.3	8.3	8.3	8.3	8.4	8.4	8.4	8.4
2 1/2	8.4	8.9	9.0	9.0	9.0	9.0	9.0	9.1	9.1	9.1	9.1
2	8.7	9.3	9.4	9.4	9.4	9.4	9.4	9.5	9.5	9.5	9.5
1 1/2	9.0	9.6	9.7	9.7	9.7	9.7	9.7	9.8	9.8	9.8	9.8
1 1/4	9.0	9.6	9.7	9.7	9.7	9.7	9.7	9.8	9.8	9.8	9.8
1	9.0	9.6	9.7	9.7	9.7	9.7	9.7	9.8	9.8	9.8	9.8
3/4	9.0	9.6	9.7	9.7	9.7	9.7	9.7	9.8	9.8	9.8	9.8
5/8	9.0	9.6	9.7	9.7	9.7	9.7	9.7	9.8	9.8	9.8	9.8
1/2	9.0	9.6	9.7	9.7	9.7	9.7	9.7	9.8	9.8	9.8	9.8
3/8	9.0	9.6	9.7	9.7	9.7	9.7	9.7	9.8	9.8	9.8	9.8
1/4	9.0	9.6	9.7	9.7	9.7	9.7	9.7	9.8	9.8	9.8	9.8
0	9.0	9.6	9.7	9.7	9.7	9.7	9.7	9.8	9.8	9.8	9.8

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY

STATION NUMBER: 723065

STATION NAME: PEASE AFB NH

LST IDENTIFIER: + 5

PERIOD: J

CEILING IN FEET	VISIBILITY IN STATUTE MILES: 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	51.4	52.2	52.[illegible]	54.0	52.4	53.6	[illegible]	53.7	[illegible]	53.7
GE 20000	57.4	[illegible]	58.1	59.0	59.0	58.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 15000	[illegible]	[illegible]	59.7	60.1	60.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	60.2	60.0	60.4	60.[illegible]	61.0	[illegible]	61.1	[illegible]	[illegible]
GE 13000	[illegible]	[illegible]	[illegible]	[illegible]	61.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 11000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	73.0	73.4	73.6	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	74.4	75.[illegible]	75.1	75.[illegible]	75.	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	75.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

A

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] (ALL WEATHER OBSERVATIONS)

[illegible] PERIOD OF RECORD: JUL 73 - JUL [illegible]
MONTH: JAN HOURS: 05-08

CEILING IN STATUTE MILES

[illegible]	0	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3
[illegible]	[illegible]	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION NAME: [illegible]
USAFETAC, [illegible]VILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY COMBINATIONS

STATION NUMBER: [illegible] STATION NAME: [illegible]
GMT TO LMC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 15000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: JAN YEARS: 0[illegible]-11

CEILING IN STATUTE MILES										
[illegible]	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "A"
USAMRDAC, ASHEVILLE, NC

STATION NUMBER: 72[illegible] STATION NAME: [illegible]

CEILING | VISIBILITY | STATION PRESSURE

FEET	22000	15000	10000	5000	3000	2000	1 1/2	1	1/2	1/4	0
NO OBS	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
22000	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
15000	54.6	54.7	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
10000	54.6	54.7	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
5000	54.6	54.7	54.7	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
3000	54.7	54.7	54.7	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
2000	54.7	54.7	54.7	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
1500	54.7	54.7	54.7	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
1000	54.7	54.7	54.7	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
500	54.7	54.7	54.7	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
300	54.7	54.7	54.7	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
200	54.7	54.7	54.7	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
100	54.7	54.7	54.7	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
0	54.7	54.7	54.7	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2

TOTAL NO. OF OBSERVATIONS [illegible]

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 74 - JUN [illegible]
MONTH: JAN HOURS: 12-14

CEILING IN STATUTE MILES

	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY CEIL

STATION NR-WBAN: 73809

STATION NAME: BRAGG MAP AAF

LST IN UTC: +5

YEARS: J

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	51.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 20000	55.7	56.0	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4
GE 15000	57.0	57.2	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 10000	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 9000	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 8000	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 7000	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 6000	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 5000	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 4500	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 4000	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 3500	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 3000	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 2500	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 2000	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 1800	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 1500	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 1200	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 1000	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 900	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 800	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 700	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 600	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 500	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 400	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 300	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 200	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 100	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 000	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1

TOTAL NUMBER OF OBSERVATIONS 930

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUL 83
MONTH: JAN HOURS: 15-17

CEILING IN STATUTE MILES

[illegible]	1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
[illegible]	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
[illegible]	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "AW" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
USAFETAC, ASHEVILLE NC — AND VISIBILITY OBSERVATIONS

STATION NUMBER: 723065 — STATION NAME: PEASE AFB NH — PERIOD
LST TO UTC: + 5 — MONTH: J

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	56.9	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 20000	61.1	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 18000	61.2	61.2	61.3	61.3	61.3	61.3	61.4	61.3	61.3	61.4
GE 16000	61.7	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 14000	61.7	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 12000	62.3	62.4	62.6	62.9	63.1	63.1	63.1	63.1	63.1	63.1
GE 10000	65.5	65.5	65.7	65.9	66.1	66.1	66.1	66.1	66.1	66.1
GE 9000	66.1	66.1	66.3	66.1	66.3	66.3	66.3	66.3	66.3	66.3
GE 8000	69.9	69.9	70.0	70.1	70.3	70.3	70.3	70.3	70.3	70.3
GE 7000	70.	70.	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.
GE 6000	72.4	72.4	72.7	73.0	73.2	73.3	73.3	73.3	73.3	73.3
GE 5000	73.5	73.5	74.0	74.2	74.5	74.7	74.7	74.7	74.7	74.7
GE 4000	77.3	77.5	78.0	78.2	78.5	78.7	78.7	78.7	78.7	78.7
GE 3000	77.3	77.5	77.9	78.2	78.5	78.7	78.7	78.7	78.7	78.7
GE 2500	77.3	77.5	78.0	78.2	78.5	78.7	78.7	78.7	78.7	78.7
GE 2000	1.	2.0	3.1	3.4	3.8	4.0	4.0	4.1	4.1	4.1
GE 1800	2.7	3.0	4.2	4.5	4.8	5.1	5.2	5.3	5.3	5.3
GE 1600	3.7	4.4	5.5	5.7	6.1	6.3	6.3	6.3	6.3	6.3
GE 1400	3.7	4.4	5.5	5.7	6.1	6.3	6.3	6.3	6.3	6.3
GE 1200	4.1	4.8	6.0	6.3	6.7	7.1	7.2	7.3	7.3	7.3
GE 1000	5.0	5.8	7.1	7.4	7.8	8.2	8.3	8.4	8.4	8.4
GE 900	5.0	5.8	7.1	7.4	7.8	8.2	8.3	8.4	8.4	8.4
GE 800	5.0	5.8	7.1	7.4	7.8	8.2	8.3	8.4	8.4	8.4
GE 700	5.0	5.8	7.1	7.4	7.8	8.2	8.3	8.4	8.4	8.4
GE 600	5.0	5.8	7.1	7.4	7.8	8.2	8.3	8.4	8.4	8.4
GE 500	5.0	5.8	7.1	7.4	7.8	8.2	8.3	8.4	8.4	8.4
GE 400	5.0	5.8	7.1	7.4	7.8	8.2	8.3	8.4	8.4	8.4
GE 300	5.0	5.8	7.1	7.4	7.8	8.2	8.3	8.4	8.4	8.4
GE 200	5.0	5.8	7.1	7.4	7.8	8.2	8.3	8.4	8.4	8.4
GE 100	5.0	5.8	7.1	7.4	7.8	8.2	8.3	8.4	8.4	8.4
GE 000	5.0	5.8	7.1	7.4	7.8	8.2	8.3	8.4	8.4	8.4

TOTAL NUMBER OF OBSERVATIONS 930

0 - 2 - 7

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 74 - JUN
MONTH: JAN HOURS: 13-20

CEILING IN STATUTE MILES

57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.3	84.3
86.1	86.3	86.3	86.3	86.3	86.3	86.4	86.3	86.3	86.5	86.5
87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	88.1	88.1
89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.0	90.0
91.3	91.4	91.6	91.7	91.9	92.0	92.2	92.2	92.4	92.4	92.4
91.9	91.9	92.1	92.2	92.5	92.6	92.7	92.7	92.9	92.9	92.9
93.1	93.2	93.3	93.3	93.4	93.5	93.7	93.7	93.9	93.9	93.9
94.1	94.2	94.2	94.2	94.3	94.1	94.2	94.2	94.4	94.4	94.4
94.3	94.1	94.2	94.5	94.7	95.2	95.3	95.4	95.4	95.5	95.5
95.7	95.5	96.5	96.1	96.5	96.1	96.2	96.5	96.7	96.9	96.9
97.0	97.1	97.1	97.2	97.3	96.9	97.5	97.5	97.4	97.5	97.5
98.2	98.2	98.5	98.2	97.2	97.7	97.8	98.2	98.4	98.7	98.7
98.2	98.2	98.5	98.5	97.5	98.2	98.3	98.7	98.9	98.4	99.4
99.2	99.2	99.5	99.5	99.7	99.5	99.6	99.1	99.4	99.9	100.0
99.2	99.2	99.5	99.5	99.7	99.5	99.6	99.1	99.4	99.9	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILI
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 723053 — STATION NAME: PEASE AFB NH — YEARS:
LST TO UTC: + 5 — MONTH: J

CEILING IN FEET	VISIBILITY IN STATUTE MILES 10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1	7/8
NO CEIL	51.4	51.5	51.7	51.7	52.0	52.0	52.0	52.0	52.0	52.0	
GE 20000	57.5	58.7	59.0	59.3	59.2	59.2	59.2	59.2	59.2	59.2	
GE 15000	55.0	56.1	56.3	56.3	56.7	56.7	56.7	56.7	56.7	56.7	
GE 14000	55.1	56.2	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.8	
GE 13000	55.5	56.6	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	
GE 12000	55.7	56.9	57.2	57.2	57.5	57.5	57.5	57.5	57.5	57.5	
GE 11000	69.6	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	
GE 10000	69.8	70.9	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	
GE 9000	71.7	71.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	
GE 8000	72.3	72.5	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	
GE 7000	73.1	73.2	73.7	73.7	74.0	74.0	74.0	74.0	74.0	74.0	
GE 6000	74.4	74.7	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	
GE 5000	75.7	76.2	76.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	
GE 4000	76.9	77.5	78.1	78.1	78.5	78.5	78.5	78.5	78.5	78.5	
GE 3500	77.6	78.1	78.8	78.8	79.2	79.2	79.2	79.2	79.2	79.2	
GE 3000	78.2	78.7	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	
GE 2500	83.1	84.2	85.3	85.3	85.1	86.1	86.1	86.1	86.1	86.1	
GE 2000	84.3	85.2	86.3	86.3	87.2	87.3	87.3	87.4	87.4	87.4	
GE 1800	84.4	85.3	86.4	86.4	87.3	87.4	87.5	87.7	87.7	87.7	
GE 1600	84.7	85.7	86.9	87.1	88.2	88.3	88.4	88.6	88.6	88.6	
GE 1200	85.5	86.3	87.5	88.1	89.1	89.2	89.4	89.7	89.7	89.7	
GE 1000	86.7	87.6	87.7	88.3	89.9	90.0	90.2	90.6	90.8	90.1	
GE 900	87.3	88.2	89.1	89.7	90.3	90.4	90.6	91.0	91.0	91.1	
GE 800	88.1	89.1	89.5	89.5	91.1	91.2	91.3	91.5	91.6	92.0	
GE 700	88.1	89.1	89.5	89.6	91.2	91.3	91.4	91.9	91.9	92.3	
GE 600	88.7	89.7	90.1	90.2	91.9	91.9	92.0	92.7	92.9	93.3	
GE 500	89.7	90.7	91.1	91.2	92.3	92.4	92.7	93.5	93.7	94.0	
GE 400	89.7	90.7	91.2	91.3	92.6	92.6	93.0	94.0	94.1	94.1	
GE 300	89.7	90.7	91.2	91.5	92.9	93.0	93.2	94.2	95.2	95.3	
GE 200	89.7	90.7	91.2	91.5	93.2	93.3	94.4	95.5	96.2	97.1	
GE 100	89.7	90.7	91.2	91.5	93.2	93.3	94.4	95.6	96.3	97.4	
GE 000	89.7	90.7	91.2	91.5	93.2	93.3	94.4	95.6	96.3	97.4	

TOTAL NUMBER OF OBSERVATIONS 238

...E FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

...A/M PERIOD OF RECORD: JUL 79 - JUN ...
MONTH: JAN HOURS: 21-23

...ILITY IN STATUTE MILES

...	...	...	...	...	...	...	...	...	...	...
... 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/16	1/4	0
...0	...0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
...2	...2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
...7	...7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
...8	...8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
...5	...5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
...3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
...3	...3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
...5	...5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
...0	...0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
...7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
...2	...2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
...6	...6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
1.3	1.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
...4	...4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
...1	...1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
...3	...3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
...7	...7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
...6	...6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
...9	...9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
...3	...7	90.3	90.3	90.1	90.1	90.1	90.1	90.1	90.1	90.1
...4	...3	91.3	91.3	91.1	91.1	91.1	91.1	91.1	91.1	91.1
...2	92.3	92.3	92.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2
...3	92.4	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
...3	93.3	93.7	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9
...4	...7	93.5	94.5	95.1	95.3	95.3	95.4	95.5	95.5	95.5
...3	...3	94.0	94.1	95.1	95.7	95.8	96.1	96.5	96.5	96.5
...3	93.7	94.3	96.2	96.3	97.2	97.3	97.6	98.0	98.0	98.1
...3	...4	95.5	96.1	97.1	98.0	98.1	98.5	99.0	99.0	99.1
...3	94.4	95.5	96.9	97.4	98.4	98.5	98.9	99.5	99.7	100.0
...3	...4	95.5	96.9	97.4	98.4	98.5	98.9	99.5	99.7	100.0

...3 - 3 - ...3

OPERATING LOCATION WAW — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
USAFETAC, ASHEVILLE NC — AND VISIBILITY COMBINATIONS

STATION NUMBER: 72306 — STATION NAME: PLEASE ADD — (1)
LST TO UTC: + 5 — MONTH: J

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 5	GE 3	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	54.3	54.1	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.5
GE 20000	59.2	59.2	59.4	59.5	59.5	59.7	59.7	59.7	59.7	59.7
GE 18000	60.2	60.4	60.5	60.6	61.0	61.0	61.0	61.1	61.1	61.1
GE 16000	60.5	60.7	60.9	61.0	61.1	61.1	61.1	61.2	61.2	61.2
GE 14000	60.8	61.3	61.5	61.6	61.7	61.8	61.8	61.9	61.9	61.9
GE 12000	62.1	62.3	62.4	62.5	62.6	62.8	62.8	62.9	62.9	62.9
GE 10000	64.1	64.3	64.5	64.7	64.8	65.0	65.0	65.1	65.1	65.1
GE 9000	64.4	64.5	64.7	64.8	64.9	65.1	65.1	65.2	65.2	65.2
GE 8000	64.7	64.9	65.2	70.1	70.2	70.3	70.3	70.4	70.4	70.4
GE 7000	68.9	70.6	71.1	71.3	71.5	71.6	71.6	71.8	71.8	71.8
GE 6000	71.0	71.3	72.1	72.3	72.7	72.9	72.9	73.1	73.1	73.1
GE 5000	72.2	73.0	73.6	73.8	74.1	74.1	74.2	74.3	74.3	74.3
GE 4500	74.1	74.9	75.5	75.8	76.1	76.2	76.3	76.4	76.4	76.4
GE 4000	75.3	77.1	77.7	78.1	78.4	78.5	78.6	78.7	78.7	78.7
GE 3500	77.7	79.6	80.2	80.6	81.1	81.3	81.4	81.5	81.5	81.5
GE 3000	79.3	81.0	82.1	82.6	83.1	83.3	83.5	83.7	83.7	83.7
GE 2500	81.0	82.2	83.4	83.7	84.2	84.3	84.5	84.6	84.6	84.6
GE 2000	82.1	83.4	84.3	85.1	85.7	86.0	86.1	86.2	86.2	86.2
GE 1800	82.3	83.6	84.5	85.3	86.1	86.4	86.7	87.1	87.2	87.2
GE 1500	82.9	84.3	85.2	86.1	87.1	87.6	87.8	88.2	88.4	88.4
GE 1200	83.8	85.2	86.2	87.2	88.4	88.9	89.2	89.7	89.8	89.8
GE 1000	84.3	85.7	87.1	87.9	89.1	89.5	89.8	90.2	90.3	90.4
GE 900	84.5	86.0	87.5	88.4	89.6	90.0	90.3	90.8	90.9	91.0
GE 800	84.7	86.1	87.7	88.7	90.0	90.7	91.0	91.4	91.6	91.6
GE 700	84.7	86.3	87.9	88.9	90.4	91.1	91.5	92.0	92.3	92.3
GE 600	84.9	86.4	88.0	89.0	90.5	91.4	92.0	92.4	93.0	93.0
GE 500	84.9	86.5	88.2	89.2	91.0	91.9	92.5	93.0	93.6	93.6
GE 400	84.9	86.5	88.2	89.3	91.2	92.3	93.1	93.7	94.1	94.1
GE 300	84.9	86.5	88.3	89.3	91.3	92.4	93.3	93.9	94.4	94.4
GE 200	84.9	86.5	88.3	89.4	91.3	92.5	93.4	94.1	94.6	94.6
GE 100	84.9	86.5	88.3	89.4	91.3	92.5	93.4	94.1	94.6	94.6
GE 000	84.9	86.5	88.3	89.4	91.3	92.5	93.4	94.1	94.6	94.6

TOTAL NUMBER OF OBSERVATIONS 7446

- 2 -

A

[illegible] F FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN 83
MONTH: JAN HOURS: ALL

CEILING IN STATUTE MILES

1/2	5/8	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATIONAL LOCATION: NAW
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FOR JULY (ALL OBSERVATIONS)

STATION TYPE: 72203 STATION NAME: ROANOKE RAPIDS NB
LST TO UTC: + 5 YEARS: 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	53.1	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
22000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
18000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
14000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
12000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
10000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
9000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
8000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
7000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
6000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
5000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
4500	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
4000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
3500	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
3000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
2500	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
2000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
1800	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
1500	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
1200	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
1000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
900	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
800	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
700	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
600	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
500	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
400	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
300	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
200	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
100	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7

TOTAL NUMBER OF OBSERVATIONS 548

1 - 2 - 1

A

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FOR HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUL 77
MONTH: FEB HOURS: 00-02

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES	10	9	8	7	6	5	4	3	2	1	0
10	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
9	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
8	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
3	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
1 1/2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
1 1/4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
3/4	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
1/2	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
1/4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3

10	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
8	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
1 1/2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1 1/4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
3/4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
1/2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1/4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

[illegible] - 2 - 10

OPERATING LOCATION "AW"
USAFETAC, ASH VILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE FOR ALL
HOURLY OBSERVATIONS

STATION NUMBER: 72203

STATION NAME: PLAGL AFB, NC

LST TO UTC: + 5

CEILING VERSUS VISIBILITY IN STATUTE MILES

CEILING	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	53.2	53.7	53.8	54.1	54.1	54.3	54.4	54.7	54.7	54.7
GE 20000	55.9	56.5	57.1	57.4	57.4	57.5	57.6	57.8	57.8	57.8
GE 18000	57.5	58.0	58.1	58.4	58.4	58.5	58.6	58.8	58.8	58.8
GE 16000	58.2	58.7	58.8	59.0	59.0	59.1	59.2	59.4	59.4	59.4
GE 14000	58.8	59.3	59.4	59.6	59.6	59.7	59.8	60.0	60.0	60.0
GE 12000	59.4	59.9	60.0	60.2	60.2	60.3	60.4	60.6	60.6	60.6
GE 10000	61.7	62.4	62.6	62.8	62.8	62.9	63.0	63.2	63.2	63.2
GE 9000	62.6	63.3	63.4	63.6	63.6	63.7	63.8	64.0	64.0	64.0
GE 8000	63.3	64.0	64.2	64.4	64.4	64.5	64.6	64.8	64.8	64.8
GE 7000	64.2	64.9	65.1	65.3	65.3	65.4	65.5	65.7	65.7	65.7
GE 6000	65.7	66.4	66.6	66.8	66.8	66.9	67.0	67.2	67.2	67.2
GE 5000	68.7	69.4	69.6	69.8	69.8	70.1	70.2	70.4	70.4	70.4
GE 4500	70.1	70.8	71.1	71.4	71.4	71.6	71.8	72.0	72.0	72.0
GE 4000	71.1	71.8	72.1	72.4	72.5	72.8	73.0	73.2	73.2	73.2
GE 3500	72.7	73.4	73.7	74.0	74.2	74.4	74.6	74.8	74.8	74.8
GE 3000	75.1	75.8	76.1	77.1	77.1	77.3	77.5	77.7	77.7	77.7
GE 2500	76.2	77.0	77.6	78.7	79.0	79.3	79.6	79.8	79.9	79.9
GE 2000	76.5	77.3	78.1	81.3	82.1	82.4	82.6	82.9	83.0	83.0
GE 1800	76.7	77.6	78.4	81.7	82.4	82.7	83.0	83.4	83.4	83.4
GE 1600	76.9	77.8	78.6	82.0	82.7	83.0	83.3	83.7	83.7	83.7
GE 1400	77.3	78.2	79.0	83.2	84.0	84.3	84.6	85.0	85.0	85.0
GE 1200	77.7	78.6	79.4	84.3	85.2	85.5	85.8	86.4	86.5	86.5
GE 1000	78.1	79.0	79.8	84.9	86.0	86.3	86.7	87.4	87.5	87.5
GE 900	78.4	79.3	80.2	85.2	86.3	86.7	87.0	87.7	87.8	87.8
GE 800	78.7	79.6	80.5	85.5	86.7	87.0	87.3	88.0	88.1	88.1
GE 700	79.0	79.9	80.8	85.8	87.0	87.3	87.6	88.3	88.4	88.4
GE 600	79.2	80.1	81.0	86.0	87.2	87.5	87.8	88.5	88.6	88.6
GE 500	79.4	80.3	81.2	86.2	87.4	87.7	88.0	88.7	88.8	88.8
GE 400	79.5	80.4	81.3	86.3	87.5	87.8	88.1	88.8	88.9	88.9
GE 300	79.6	80.5	81.4	86.4	87.6	87.9	88.2	88.9	89.0	89.0
GE 200	79.6	80.5	81.4	86.4	87.6	87.9	88.2	88.9	89.0	89.0
GE 100	79.6	80.5	81.4	86.4	87.6	87.9	88.2	88.9	89.0	89.0
0	79.6	80.5	81.4	86.4	87.6	87.9	88.2	88.9	89.0	89.0

TOTAL NUMBER OF OBSERVATIONS 240

A

...QUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...ONLY OBSERVATIONS

...A   PERIOD OF RECORD: JUL 73 - JUN 83
                        FROM: ESA   ADDIS: 23-05

CEILING IN STATUTE MILES

1/2		1 1/2	1 1/4	1	3/4	1/2	1/2	1/4	1/4	0
..3	..3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
..3	..3	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
..3	..3	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
..4	..4	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
..1	..1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
..4	..4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
..3	..3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
..2	..2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
..5	..5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
..3	..3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
..7	..7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
..4	..4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
..3	..3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
..5	..5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
..3	..3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
..9	..9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
..0	..0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
..7	92.1	92.1	92.3	92.7	92.7	92.7	92.7	92.9	92.9	92.9
..3	..3	95.3	95.4	95.3	95.4	95.4	95.4	95.5	95.5	95.5
..4	96.4	96.9	96.1	96.3	96.5	97.1	97.1	97.3	97.5	97.5
..7	98.7	98.7	98.1	98.3	97.1	97.2	98.3	98.5	98.9	98.9
..3	99.3	99.3	99.1	99.3	99.2	99.3	99.3	99.5	99.1	100.0
..3	99.3	99.3	99.1	99.3	99.2	99.3	99.3	99.5	99.1	100.0

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY CEILING AND VISIBILITY

STATION NUMBER: 723175 STATION NAME: [illegible]

LST I TIME: + 5

JAN

CEILING IN FEET	VISIBILITY IN STATUTE MILES										
	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	1/2
NO CEIL	47.7	49.7	51.3	52.7	54.5	57.2	59.1	60.4	61.3	62.4	64.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

...L FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
... (ONLY OBSERVATIONS)

... PERIOD OF RECORD: JUL 74 - JUN 84
MONTH: ... HOURS: 06-09

CEILING (FT) VERSUS VISIBILITY (STATUTE MILES)

1/2	1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
...	...	...	...	...	...	...	...	...	...	...	...

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE FOR [illegible]
[illegible] JULY [illegible] ASHEVILLE NC

STATION NUMBER: 723065 STATION NAME: PLASE AMOS NC
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	53.2	54.4	55.7	61.3	61.9	61.9	61.9	61.9	61.9	61.9
GE 20000	57.7	58.4	59.7	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 18000	58.3	59.0	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 16000	58.3	59.0	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 14000	58.7	59.4	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 12000	60.1	60.8	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 10000	62.4	63.1	64.1	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 9000	63.1	64.1	64.4	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 8000	64.2	67.7	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 7000	69.1	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 6000	69.5	69.8	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 5000	71.7	72.7	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 4000	72.2	73.4	74.1	74.4	74.5	74.7	74.7	74.7	74.7	74.7
GE 3500	72.3	73.4	74.1	74.5	74.5	74.7	74.7	74.7	74.7	74.7
GE 3000	74.7	77.3	78.0	77.4	77.4	77.6	77.7	77.8	77.8	77.8
GE 2500	75.0	77.7	78.3	78.5	78.5	78.6	78.7	78.8	78.8	78.8
GE 2000	76.3	79.7	80.4	81.7	82.0	82.0	82.0	82.0	82.0	82.0
GE 1800	78.2	81.0	82.0	82.7	83.1	83.5	83.7	84.0	84.0	84.0
GE 1600	78.6	81.4	82.4	83.2	83.6	84.3	84.4	84.6	84.6	84.6
GE 1400	79.2	82.0	83.2	84.1	84.5	85.2	85.3	85.5	85.5	85.5
GE 1200	79.7	82.7	84.1	85.2	85.6	86.3	86.4	86.6	86.6	86.6
GE 1000	80.4	83.4	84.8	85.9	86.4	87.1	87.2	87.4	87.4	87.4
GE 900	80.7	83.7	85.1	86.2	86.7	87.4	87.5	87.7	87.7	87.7
GE 800	81.0	84.0	85.4	86.5	87.0	87.7	87.8	88.0	88.0	88.0
GE 700	81.2	84.2	85.6	86.7	87.2	87.9	88.0	88.2	88.2	88.2
GE 600	81.4	84.4	85.8	86.9	87.4	88.1	88.2	88.4	88.4	88.4
GE 500	81.5	84.5	85.9	87.0	87.5	88.2	88.3	88.5	88.5	88.5
GE 400	81.6	84.6	86.0	87.1	87.6	88.3	88.4	88.6	88.6	88.6
GE 300	81.6	84.6	86.0	87.1	87.6	88.3	88.4	88.6	88.6	88.6
GE 200	81.6	84.6	86.0	87.1	87.6	88.3	88.4	88.6	88.6	88.6
GE 100	81.6	84.6	86.0	87.1	87.6	88.3	88.4	88.6	88.6	88.6
GE 0	81.6	84.6	86.0	87.1	87.6	88.3	88.4	88.6	88.6	88.6

TOTAL [illegible] VIII [illegible]

...FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...FROM HOURLY OBSERVATIONS

...PERIOD OF RECORD: JUL 7... - JU...
...WBAN: 523 ...ASOS: 99-11

VISIBILITY IN STATUTE MILES										
... 1/2	... 1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
...	...1.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...
...	...1.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...
...	...1.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1

OPERATING LOCATION: WAM
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE FOR ENTIRE PERIOD OF RECORD

STATION NUMBER: 723065 STATION NAME: MCGHEE-TYSON ARPT

LST TO UTC: +5

CEILING VERSUS VISIBILITY

CEILING IN FEET	VISIBILITY IN STATUTE MILES: 10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1	0
NO CEIL	43.2	43.4	43.4	43.4	43.4	43.5	43.5	43.6	43.6	43.6	
22000	54.2	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	
18000	59.7	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	
16000	60.1	60.3	60.3	60.3	60.5	60.5	60.6	60.7	60.7	60.7	
14000	62.3	62.5	62.6	62.6	61.2	61.2	61.2	61.3	61.3	61.3	
12000	64.7	65.2	65.2	65.2	62.4	62.4	62.4	62.4	62.4	62.4	
10000	65.2	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	
9000	67.1	67.6	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	
8000	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	
7000	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	
6000	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	
5000	75.1	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	
4500	76.3	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	
4000	77.1	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	
3500	77.7	78.4	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	
3000	78.4	79.2	79.5	79.6	79.7	79.8	79.8	79.8	79.8	79.8	
2500	78.9	79.8	80.1	80.3	80.4	80.5	80.5	80.5	80.5	80.5	
2000	79.2	80.1	80.5	80.7	80.8	80.9	80.9	80.9	80.9	80.9	
1800	79.3	80.2	80.6	80.8	80.9	81.0	81.0	81.0	81.0	81.0	
1600	79.4	80.3	80.7	80.9	81.0	81.1	81.1	81.1	81.1	81.1	
1400	79.5	80.4	80.8	81.0	81.1	81.2	81.2	81.2	81.2	81.2	
1200	79.6	80.5	80.9	81.1	81.2	81.3	81.3	81.3	81.3	81.3	
1000	79.7	80.6	81.0	81.2	81.3	81.4	81.4	81.4	81.4	81.4	
900	79.8	80.7	81.1	81.3	81.4	81.5	81.5	81.5	81.5	81.5	
800	79.8	80.7	81.1	81.3	81.4	81.5	81.5	81.5	81.5	81.5	
700	79.8	80.7	81.1	81.3	81.4	81.5	81.5	81.5	81.5	81.5	
600	79.8	80.7	81.1	81.3	81.4	81.5	81.5	81.5	81.5	81.5	
500	79.8	80.7	81.1	81.3	81.4	81.5	81.5	81.5	81.5	81.5	
400	79.8	80.7	81.1	81.3	81.4	81.5	81.5	81.5	81.5	81.5	
300	79.8	80.7	81.1	81.3	81.4	81.5	81.5	81.5	81.5	81.5	
200	79.8	80.7	81.1	81.3	81.4	81.5	81.5	81.5	81.5	81.5	
100	79.8	80.7	81.1	81.3	81.4	81.5	81.5	81.5	81.5	81.5	
0	79.8	80.7	81.1	81.3	81.4	81.5	81.5	81.5	81.5	81.5	

TOTAL NUMBER OF OBSERVATIONS: 4993

1 - 2 - 14

...T FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...ALL HOURLY OBSERVATIONS

...NG: PERIOD OF RECORD: JUL 73 - JUN 77
...ONTH: FEB HOURS: 12-14

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4
22+	43.5	47.5	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.6
20											
18											
16											
14											
12											
11											
10											
9											
8											
7											
6											
5											
4											
3											
2 1/2											
2											
1 3/4											
1 1/2											
1 1/4											
1											
3/4											
1/2											
1/4											
0											

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723053 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	≥ 7	≥ 5	≥ 3	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	0
NO CEIL	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 20000	[illegible]	[illegible]	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 18000	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 15000	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 14000	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 12000	53.4	53.4	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 10000	54.7	54.7	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 9000	55.1	55.1	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 8000	57.4	57.7	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 7000	72.2	72.4	72.7	72.8	73.0	73.0	73.0	73.0	73.0	73.0
GE 6000	71.5	71.7	71.9	71.7	71.8	71.8	71.8	71.8	71.8	71.8
GE 5000	73.0	73.2	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4500	73.7	73.9	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4000	76.5	76.7	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4
GE 3500	77.7	77.9	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7
GE 3000	80.4	80.6	81.7	82.0	82.1	82.1	82.1	82.1	82.1	82.1
GE 2500	81.7	81.9	83.2	83.6	83.8	84.1	84.3	84.3	84.3	84.3
GE 2000	83.3	83.5	85.0	85.4	85.6	85.9	86.1	86.1	86.1	86.1
GE 1500	84.4	84.6	86.2	86.6	86.8	87.1	87.3	87.3	87.3	87.3
GE 1000	88.5	88.7	90.5	90.9	91.1	91.4	91.6	91.6	91.6	91.6
GE 900	89.3	89.5	91.3	91.7	91.9	92.2	92.4	92.4	92.4	92.4
GE 800	90.2	90.4	92.2	92.6	92.8	93.1	93.3	93.3	93.3	93.3
GE 700	90.6	90.8	92.7	93.1	93.3	93.6	93.8	93.8	93.8	93.8
GE 600	91.4	91.6	93.5	93.9	94.1	94.4	94.6	94.6	94.6	94.6
GE 500	92.1	92.3	94.2	94.6	94.8	95.1	95.3	95.3	95.3	95.3
GE 400	92.5	92.7	94.6	95.0	95.2	95.5	95.7	95.7	95.7	95.7
GE 300	92.8	93.0	94.9	95.3	95.5	95.8	96.0	96.0	96.0	96.0
GE 200	93.1	93.3	95.2	95.6	95.8	96.1	96.3	96.3	96.3	96.3
GE 100	93.2	93.4	95.3	95.7	95.9	96.2	96.4	96.4	96.4	96.4
GE 0	93.2	93.4	95.3	95.7	95.9	96.2	96.4	96.4	96.4	96.4

TOTAL NUMBER OF OBSERVATIONS 4417

A

...QUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...FROM HOURLY OBSERVATIONS

...

PERIOD OF RECORD: JUL 73 - DEC ...
MONTH: FEB HOURS: 15-17

...

CEILING IN HUNDREDS OF FEET

...	...	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	10
...	...	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
...	...	...1	...1	...1	...1	...1	...1	...1	...1	...1	...1	...1
...	...	...4	...4	...4	...4	...4	...4	...4	...4	...4	...4	...4
...	...	...4	...4	...4	...4	...4	...4	...4	...4	...4	...4	...4
...	...	...2	...2	...2	...2	...2	...2	...2	...2	...2	...2	...2
...	...	...7	...7	...7	...7	...7	...7	...7	...7	...7	...7	...7
...	...	...1	...1	...1	...1	...1	...1	...1	...1	...1	...1	...1
...	...	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3
...	...	...1	...1	...1	...1	...1	...1	...1	...1	...1	...1	...1
...	...	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
...	...	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
...	...	...1	...1	...1	...1	...1	...1	...1	...1	...1	...1	...1
...	...	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3
...	...	...1	...1	...1	...1	...1	...1	...1	...1	...1	...1	...1
...	...	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
...	...	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
...	...	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3
...	...	...7	...7	...7	...7	...7	...7	...7	...7	...7	...7	...7
...	...	...5	...5	...5	...5	...5	...5	...5	...5	...5	...5	...5
...	...	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3
...	...	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
...	...	...9	...9	...9	...9	...9	...9	...9	...9	...9	...9	...9
...	...	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3
...	...	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3
...	...	...4	...4	...4	...4	...4	...4	...4	...4	...4	...4	...4
...	...	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
...	...	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3
...	...	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3
...	...	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3
...	...	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3
...	...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

...

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE FOR ALL

STATION NUMBER: 723065 STATION NAME: ASHEVILLE AP NC

LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	55.1	55.2	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7
20000	59.4	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
15000	59.9	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
10000	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
9000	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
8000	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
7000	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
6000	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
5000	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
4500	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
4000	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
3500	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
3000	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
2500	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
2000	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
1800	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
1600	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
1400	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
1200	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
1000	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
900	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
800	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
700	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
600	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
500	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
400	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
300	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
200	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
100	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
0	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9

TOTAL NUMBER OF OBSERVATIONS 60

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
(PERCENTAGE FREQUENCIES)

PERIOD OF RECORD: JUL 71 - JUN 74
MONTH: FEB HOURS: 19-20

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES	10	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	1/2	1/4	0
10	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
4	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
3	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
2 1/2	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5
2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
1 1/2	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
1 1/4	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
1	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
3/4	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
1/2	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
1/4	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
0	74.3	74.3	74.3	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5
	77.2	77.2	77.2	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
	80.2	80.2	80.2	80.2	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY

STATION NUMBER: 723256 STATION NAME: MCAS- AFB [illegible]

LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	47.5	54.9	56.1	57.1	58.1	58.1	58.1	58.1	58.1	58.2
GE 20000	51.9	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.7
GE 18000	52.2	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.6	53.0
GE 15000	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.6	53.0
GE 14000	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.6	53.0
GE 12000	52.3	52.7	53.0	53.2	53.2	53.2	53.2	53.2	53.3	53.7
GE 10000	54.3	54.1	54.2	54.2	54.4	54.4	54.4	54.4	54.5	54.9
GE 9000	54.3	54.5	55.1	55.1	55.4	55.4	55.4	55.4	55.5	55.9
GE 8000	57.1	57.3	57.5	57.5	57.7	57.7	57.7	57.7	57.8	58.2
GE 7000	63.4	63.1	63.2	63.3	63.5	63.5	63.5	63.5	63.6	64.0
GE 6000	71.3	71.4	71.5	71.7	71.9	71.9	71.9	71.9	72.0	72.4
GE 5000	72.6	73.1	73.4	73.6	73.7	73.7	73.7	73.7	73.8	74.2
GE 4500	73.0	73.7	73.9	74.1	74.4	74.4	74.4	74.4	74.5	74.9
GE 4000	73.2	74.0	74.4	74.6	74.8	74.8	74.8	74.8	74.9	75.3
GE 3500	73.4	74.1	74.4	74.6	74.8	74.8	74.8	74.8	74.9	75.3
GE 3000	74.0	74.7	74.9	75.1	75.4	75.4	75.4	75.4	75.5	75.9
GE 2500	74.7	75.5	75.8	76.0	76.3	76.3	76.3	76.3	76.4	76.8
GE 2000	81.7	82.6	82.9	83.1	83.4	83.4	83.4	83.4	83.5	83.9
GE 1500	84.7	85.6	85.9	86.1	86.4	86.4	86.4	86.4	86.5	86.9
GE 1000	85.7	86.6	86.9	87.1	87.4	87.4	87.4	87.4	87.5	87.9
GE 900	86.2	87.1	87.4	87.6	87.9	87.9	87.9	87.9	88.0	88.4
GE 800	86.4	87.3	87.6	87.8	88.1	88.1	88.1	88.1	88.2	88.6
GE 700	86.6	87.5	87.8	88.0	88.3	88.3	88.3	88.3	88.4	88.8
GE 600	86.8	87.7	88.0	88.2	88.5	88.5	88.5	88.5	88.6	89.0
GE 500	87.0	87.9	88.2	88.4	88.7	88.7	88.7	88.7	88.8	89.2
GE 400	87.2	88.1	88.4	88.6	88.9	88.9	88.9	88.9	89.0	89.4
GE 300	87.3	88.2	88.5	88.7	89.0	89.0	89.0	89.0	89.1	89.5
GE 200	87.4	88.3	88.6	88.8	89.1	89.1	89.1	89.1	89.2	89.6
GE 100	87.4	88.3	88.6	88.8	89.1	89.1	89.1	89.1	89.2	89.6
GE 0	87.4	88.3	88.6	88.8	89.1	89.1	89.1	89.1	89.2	89.6

TOTAL NUMBER OF OBSERVATIONS 5401

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] MONTHLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
[illegible] HOUR: ALL MONTHS: 21-23

CEILING IN STATUTE MILES										
[illegible]	2	1 1/2	1 1/4	1	3/4	1/2	1/2	3/4	1/4	0
[illegible]	[illegible].1	[illegible].1	[illegible].1	[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2
[illegible]	[illegible].2	[illegible].2	[illegible].2	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7
[illegible]	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3
[illegible]	[illegible].3	[illegible].3	[illegible].3	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4
[illegible]	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3
[illegible]	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3
[illegible]	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4

OPERATING LOCATION WAW — RANGE/RANGE FREQUENCY OF OCCURRENCE OF CEILING
USAHTAC, ASHEVILLE NC — AND VISIBILITY COMBINATIONS

STATION NUMBER: 723065 — STATION NAME: PEASE AFB NH — PERIOD OF RECORD: 4/73-12/82

LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES: 7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	52.3	52.5	52.	52.7	52.7	52.8	52.	52.9	52.9
GE 20000	58.3	58.6	59.1	59.2	59.2	59.2	59.3	59.4	59.4
GE 18000	59.3	59.6	59.7	59.9	59.7	59.7	59.8	59.9	59.9
GE 16000	59.5	59.8	59.9	59.9	59.7	59.7	59.8	59.9	59.9
GE 14000	59.5	59.7	59.8	59.9	59.1	59.1	59.2	59.3	59.3
GE 12000	59.5	59.8	59.9	61.1	61.1	61.2	61.3	61.3	61.4
GE 10000	63.5	63.8	63.9	64.0	64.1	64.1	64.1	64.2	64.3
GE 9000	63.5	63.8	63.9	64.0	64.2	64.2	64.2	64.3	64.4
GE 8000	67.1	67.7	67.9	68.1	68.2	68.3	68.4	68.5	68.6
GE 7000	67.2	67.8	67.9	68.2	68.3	68.3	68.4	68.5	68.7
GE 6000	67.3	67.9	68.0	73.1	73.2	73.3	73.4	73.5	73.6
GE 5000	71.2	71.8	71.9	73.1	73.2	73.3	73.4	73.5	73.6
GE 4500	71.2	71.8	71.9	73.1	73.2	73.3	73.4	73.5	73.6
GE 4000	73.2	73.8	73.9	75.1	75.2	75.3	75.4	75.5	75.6
GE 3500	74.2	74.8	74.9	77.1	77.2	77.3	77.4	77.5	77.6
GE 3000	77.2	77.8	77.9	79.1	79.2	79.3	79.4	79.5	79.6
GE 2500	77.2	77.8	77.9	79.1	79.2	79.3	79.4	79.5	79.6
GE 2000	77.2	77.8	77.9	79.1	79.2	79.3	79.4	79.5	79.6
GE 1800	77.2	77.8	77.9	79.1	79.2	79.3	79.4	79.5	79.6
GE 1600	77.2	77.8	77.9	79.1	79.2	79.3	79.4	79.5	79.6
GE 1400	77.2	77.8	77.9	79.1	79.2	79.3	79.4	79.5	79.6
GE 1200	77.2	77.8	77.9	79.1	79.2	79.3	79.4	79.5	79.6
GE 1000	77.2	77.8	77.9	79.1	79.2	79.3	79.4	79.5	79.6
GE 900	77.2	77.8	77.9	79.1	79.2	79.3	79.4	79.5	79.6
GE 800	77.2	77.8	77.9	79.1	79.2	79.3	79.4	79.5	79.6
GE 700	77.2	77.8	77.9	79.1	79.2	79.3	79.4	79.5	79.6
GE 600	77.2	77.8	77.9	79.1	79.2	79.3	79.4	79.5	79.6
GE 500	77.2	77.8	77.9	79.1	79.2	79.3	79.4	79.5	79.6
GE 400	77.2	77.8	77.9	79.1	79.2	79.3	79.4	79.5	79.6
GE 300	77.2	77.8	77.9	79.1	79.2	79.3	79.4	79.5	79.6
GE 200	77.2	77.8	77.9	79.1	79.2	79.3	79.4	79.5	79.6
GE 100	77.2	77.8	77.9	79.1	79.2	79.3	79.4	79.5	79.6
GE 000	77.2	77.8	77.9	79.1	79.2	79.3	79.4	79.5	79.6

TOTAL OBSERVATIONS 5792

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

PERIOD OF RECORD: JUL 74 - JUN

MONTH: FEB HOURS: ALL

CEILING IN STATUTE MILES

	2	1 1/2	1 1/4	1	3/4	1/2	1/4	0

OPERATING LOCATION: NAW
USAF-TAC, SEE VILLE AS

STATION NO. [illegible] STATION NAME: [illegible]
CEILING IN FEET: [illegible]

CEILING IN FEET	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 15000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	71.1	71.2	71.7	71.8	71.4	71.4	71.4	71.4	71.4	71.4
GE 4000	[illegible]	71.7	71.9	72.0	72.7	72.2	72.2	72.2	72.2	72.2	72.2
GE 3500	[illegible]	73.3	73.4	73.6	73.7	73.1	73.1	73.1	73.1	73.1	73.1
GE 3000	[illegible]	74.5	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 2500	[illegible]	76.5	77.1	77.2	77.1	77.1	77.2	77.2	77.2	77.2	77.2
GE 2000	[illegible]	77.6	78.0	78.3	78.3	81.2	81.2	81.2	81.2	81.2	81.2
GE 1500	[illegible]	78.4	78.4	78.6	81.1	81.4	81.4	81.7	81.7	81.7	81.7
GE 1000	[illegible]	79.5	79.6	82.0	82.3	82.5	82.5	82.5	82.5	82.5	82.5
GE 900	[illegible]	81.7	82.0	83.7	84.0	84.1	84.1	84.1	84.1	84.1	84.1
GE 800	[illegible]	81.9	82.4	84.0	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE 700	[illegible]	81.9	82.5	84.2	84.5	84.7	84.7	84.7	84.7	84.7	84.7
GE 600	[illegible]	81.9	82.6	84.3	84.6	84.8	84.8	84.8	84.8	84.8	84.8
GE 500	[illegible]	81.9	82.6	84.3	84.6	84.8	84.8	84.8	84.8	84.8	84.8
GE 400	[illegible]	81.9	82.6	84.3	84.6	84.8	84.8	84.8	84.8	84.8	84.8
GE 300	[illegible]	81.9	82.6	84.3	84.6	84.8	84.8	84.8	84.8	84.8	84.8
GE 200	[illegible]	81.9	82.6	84.3	84.6	84.8	84.8	84.8	84.8	84.8	84.8
GE 100	[illegible]	81.9	82.6	84.3	84.6	84.8	84.8	84.8	84.8	84.8	84.8
GE 000	[illegible]	81.9	82.6	84.3	84.6	84.8	84.8	84.8	84.8	84.8	84.8

TOTAL NUMBER OF OBSERVATIONS 230

[illegible] - 2 - 19

A

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

STATION ### : ### ###
STATION ### : ### ###
LOCATION : ###

CEILING											
IN FEET											
###	###	###	###	###	###	###	###	###	###	###	###

OPERATING LOCATION "AW"
USAFFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE FOR [illegible]

STATION NUMBER: 72[illegible] STATION NAME: [illegible] [illegible]
LST IN UTC: +5 [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	≥ 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

[illegible]

A

...QUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...MONTHLY OBSERVATIONS

...PERIOD OF RECORD: JUL 77 - JUL ...
...MONTH: MAY HOURS: 21-23

CEILING IN STATUTE MILES

...	...	...	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
...	...	...	...	...	...	...	...	...	...	...	...
...	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
...	...	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
...	...	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
...	...	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
...	...	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
...	...	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
...	...	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
...	...	...	...	...	...	...	...	...	...	...	...
73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	81.3	81.3	81.3	81.3	81.3
...	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
...	83.3	83.3	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5
...	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
...	...	85.2	85.3	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5
87.2	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	89.5	89.5	89.7	89.7	89.7	89.8	89.9	89.9	89.9	89.9
...	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
...	...	91.0	91.0	91.1	91.1	91.1	91.2	91.3	91.3	91.3	91.3
...	...	...	...	...	...	...	...	...	...	...	...
...	...	93.2	93.3	94.3	94.3	94.3	94.3	94.7	94.7	94.7	94.7
...	...	94.4	94.4	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
96.7	96.3	96.4	96.4	96.6	96.6	96.9	97.4	97.5	97.5	97.5	97.5
98.7	98.3	98.4	98.6	98.7	98.7	98.8	99.1	99.5	99.5	99.5	99.4
98.7	98.3	98.4	98.5	98.6	98.7	98.8	99.3	99.5	99.5	99.4	100.0
...	...	...	...	...	...	...	...	...	...	...	...
98.7	98.3	98.4	98.5	98.6	98.7	98.8	99.3	99.5	99.5	99.4	100.0

B

OPERATING LOCATION: NAW
USAFETAC, ASHEVILLE, NC

STATION NUMBER: 72306

STATION NAME: [illegible]

STATION TIME: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	47.4	47.2	47.4	47.5	47.5	47.6	47.6	47.6	47.7	47.7
GE 20000	53.1	54.0	54.1	54.4	54.5	54.6	54.6	54.6	54.7	54.7
GE 18000	53.2	54.4	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9
GE 16000	54.1	54.6	54.8	55.0	55.1	55.1	55.1	55.1	55.1	55.2
GE 14000	54.4	54.8	55.0	55.3	55.5	55.5	55.5	55.5	55.5	55.5
GE 12000	55.5	56.1	56.3	56.4	56.5	56.6	56.6	56.6	56.6	56.7
GE 10000	57.7	58.2	58.5	58.7	58.8	58.9	58.9	58.9	58.9	58.9
GE 9000	59.1	59.6	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2
GE 8000	61.4	62.4	62.6	62.8	63.0	63.0	63.0	63.1	63.1	63.1
GE 7000	63.1	63.7	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3
GE 6000	63.3	64.4	64.7	65.0	66.1	66.1	66.1	66.1	66.1	66.1
GE 5000	65.2	66.2	66.5	66.7	66.8	66.9	67.0	67.0	67.0	67.0
GE 4500	67.0	67.1	67.3	67.5	70.2	70.4	70.1	70.1	70.1	70.1
GE 4000	70.1	71.7	72.3	72.5	72.7	72.8	72.9	73.0	73.0	73.0
GE 3500	73.1	73.9	74.5	74.8	75.2	75.3	75.4	75.4	75.4	75.4
GE 3000	75.6	76.3	77.1	77.4	77.6	77.8	77.9	77.9	77.9	77.9
GE 2500	77.1	77.4	78.1	78.3	78.5	78.6	78.6	78.6	78.6	78.6
GE 2000	78.7	79.7	80.5	81.3	82.0	82.1	82.2	82.4	82.4	82.4
GE 1500	79.1	80.1	81.2	81.9	82.4	82.6	82.7	82.8	82.8	82.8
GE 1300	80.2	81.3	82.5	83.2	83.7	84.0	84.1	84.3	84.3	84.3
GE 1200	81.3	82.5	83.7	84.5	85.1	85.4	85.7	85.8	85.8	85.8
GE 1000	81.5	82.9	84.4	85.3	86.0	86.4	86.7	87.1	87.2	87.2
GE 900	82.0	83.3	84.6	85.6	86.4	86.8	87.1	87.5	87.6	87.6
GE 800	82.2	83.6	85.1	86.2	87.1	87.5	87.9	88.3	88.4	88.4
GE 700	82.6	84.0	85.6	87.1	88.2	88.7	89.2	89.6	89.8	89.8
GE 600	82.8	84.2	86.1	87.5	88.8	89.4	89.9	90.4	90.6	90.7
GE 500	83.0	84.3	86.3	87.9	89.3	90.0	90.5	91.0	91.2	91.3
GE 400	83.2	84.4	86.4	88.0	89.4	90.1	91.0	91.9	92.3	92.4
GE 300	83.3	84.4	86.5	88.1	89.4	90.4	91.3	92.3	93.1	93.4
GE 200	83.3	84.4	86.5	88.1	89.4	90.4	91.9	93.3	95.1	97.1
GE 100	83.3	84.4	86.5	88.1	89.4	90.4	91.9	93.3	95.4	97.1
GE 000	83.3	84.4	86.5	88.1	89.4	90.4	91.9	93.3	95.5	97.2

TOTAL NUMBER OF OBSERVATIONS 7442

...FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...FROM HOURLY OBSERVATIONS

...PERIOD OF RECORD: JUL 7... - JU...
MONTHS: MAR HOURS: ALL

CEILING IN STATUTE MILES										
...1/2	...	1 1/2	1 1/4	1	3/4	5/...	1/2	3/...	1/4	...
...6	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
...2	54.2	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6
...4	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
...1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
...2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
...	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
...3	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
...5	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
...3	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
...3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
...1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
...4	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1
...1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2
...4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1
...2	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
...3	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
...3	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3
...1	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5
...7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
...0	84.5	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.8	84.8
...7	85.2	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
...7	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
...4	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
...3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
...1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
...2	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5
...9	92.1	92.4	92.5	92.5	92.5	92.5	92.7	92.7	92.8	92.8
...4	93.2	93.3	93.4	94.2	94.6	94.7	94.9	94.9	95.0	95.1
...4	96.3	96.4	96.4	96.5	96.9	96.9	96.2	96.3	96.4	96.4
...1	96.9	96.9	97.0	96.7	97.2	97.3	97.7	97.8	97.9	98.1
...9	98.3	98.4	98.4	97.0	97.9	97.9	98.4	98.6	98.8	98.9
...2	98.3	98.4	98.4	97.0	97.9	97.9	98.5	98.8	99.2	100.0
...7	98.9	98.9	98.9	97.0	97.9	97.9	98.4	98.7	99.2	100.0

5

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE FOR ALL OBSERVATIONS

STATION NUMBER: 723165 STATION NAME: [illegible] [illegible]

LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES: 10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1	0
NO CEIL	46.9	47.2	47.7	47.7	48.0	48.0	48.2	48.4	48.4	48.4	
GE 20000	49.9	50.2	50.7	50.8	51.0	51.0	51.2	51.2	51.2	51.2	
GE 18000	49.9	50.2	50.7	50.8	51.0	51.0	51.2	51.2	51.2	51.2	
GE 14000	49.9	50.2	50.7	50.8	51.0	51.0	51.2	51.2	51.2	51.2	
GE 14000	49.9	50.2	50.7	50.8	51.0	51.0	51.2	51.2	51.2	51.2	
GE 12000	50.1	50.4	50.9	51.0	51.2	51.2	51.4	51.4	51.4	51.4	
GE 10000	52.6	52.7	53.1	53.2	53.4	53.4	53.6	53.6	53.6	53.6	
GE 9000	52.6	52.7	53.1	53.2	53.4	53.4	53.6	53.6	53.6	53.6	
GE 8000	53.1	53.2	53.6	53.7	53.9	53.9	54.1	54.1	54.1	54.1	
GE 7000	57.2	57.3	57.7	57.8	58.0	58.0	58.2	58.2	58.2	58.2	
GE 6000	57.2	57.3	57.8	57.9	58.1	58.1	58.3	58.3	58.3	58.3	
GE 5000	61.2	61.3	62.0	62.1	62.3	62.3	62.5	62.5	62.5	62.5	
GE 4500	64.2	64.3	65.0	65.1	65.3	65.3	65.5	65.5	65.5	65.5	
GE 4000	66.3	66.4	67.2	67.3	67.5	67.5	67.7	67.7	67.7	67.7	
GE 3500	67.3	67.4	68.2	68.3	68.5	68.5	68.7	68.7	68.7	68.7	
GE 3000	70.1	70.2	71.0	71.1	71.3	71.3	71.5	71.5	71.5	71.5	
GE 2500	71.1	71.2	72.0	72.1	72.3	72.3	72.5	72.5	72.5	72.5	
GE 2000	72.3	72.4	73.2	73.3	73.5	73.5	73.7	73.7	73.7	73.7	
GE 1800	73.7	73.8	74.6	74.7	74.9	74.9	75.1	75.1	75.1	75.1	
GE 1500	74.1	74.2	75.0	75.1	75.3	75.3	75.5	75.5	75.5	75.5	
GE 1200	74.4	74.5	75.3	75.4	75.6	75.6	75.8	75.8	75.8	75.8	
GE 1000	75.2	75.3	76.1	76.2	76.4	76.4	76.6	76.6	76.6	76.6	
GE 900	75.4	75.5	76.3	76.4	76.6	76.6	76.8	76.8	76.8	76.8	
GE 800	77.0	77.1	77.9	78.0	78.2	78.2	78.4	78.4	78.4	78.4	
GE 700	77.4	77.5	78.3	78.4	78.6	78.6	78.8	78.8	78.8	78.8	
GE 600	78.1	78.2	79.0	79.1	79.3	79.3	79.5	79.5	79.5	79.5	
GE 500	78.1	78.2	79.0	79.1	79.3	79.3	79.5	79.5	79.5	79.5	
GE 400	78.7	78.8	79.6	79.7	79.9	79.9	80.1	80.1	80.1	80.1	
GE 300	78.7	78.8	79.6	79.7	79.9	79.9	80.1	80.1	80.1	80.1	
GE 200	78.7	78.8	79.6	79.7	79.9	79.9	80.1	80.1	80.1	80.1	
GE 100	78.7	78.8	79.6	79.7	79.9	79.9	80.1	80.1	80.1	80.1	
GE 000	78.7	78.8	79.6	79.7	79.9	79.9	80.1	80.1	80.1	80.1	

TOTAL NUMBER OF OBSERVATIONS 300

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUL [illegible]
[illegible] AREA: APP [illegible] HOURS: 00-23

VISIBILITY IN STATUTE MILES

[illegible] 1/2	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	43.3	43.1	43.1	43.2	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.1	51.1	[illegible]	[illegible]	[illegible]	51.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.1	51.1	[illegible]	[illegible]	[illegible]	51.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.1	51.1	[illegible]	[illegible]	[illegible]	51.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.4	51.4	[illegible]	[illegible]	[illegible]	51.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF [illegible]

STATION NUMBER: 72306 STATION NAME: [illegible]
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	44.3	44.3	43.1	43.3	43.4	43.4	43.4	43.4	43.4	43.4
GE 20000	47.3	47.6	47.9	47.2	47.3	47.3	47.3	47.3	47.3	47.3
GE 18000	47.4	47.7	47.1	47.3	47.4	47.4	47.4	47.4	47.4	47.4
GE 15000	47.4	47.4	47.2	47.4	47.6	47.6	47.6	47.6	47.6	47.6
GE 14000	47.5	47.5	47.4	47.5	47.7	47.7	47.7	47.7	47.7	47.7
GE 12000	49.7	50.0	50.1	50.7	50.8	50.8	50.8	50.8	50.8	50.8
GE 10000	51.1	51.4	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.3
GE 9000	51.4	52.0	52.3	53.0	53.1	53.1	53.1	53.1	53.1	53.1
GE 8000	54.3	55.0	55.3	55.1	55.2	55.2	55.2	55.2	55.2	55.2
GE 7000	56.3	57.0	57.4	57.1	57.2	57.2	57.2	57.2	57.2	57.2
GE 6000	56.3	57.7	58.2	58.4	58.7	58.7	58.7	58.7	58.7	58.7
GE 5000	63.0	63.6	64.1	64.7	64.9	64.9	64.9	64.9	64.9	64.9
GE 4500	63.1	64.0	64.5	64.7	64.9	65.1	65.1	65.1	65.1	65.1
GE 4000	63.7	64.4	65.0	65.2	65.4	65.5	65.5	65.5	65.5	65.5
GE 3500	64.4	65.2	65.7	66.0	66.2	66.3	66.3	66.3	66.3	66.3
GE 3000	66.5	67.6	68.1	68.4	68.8	69.1	69.1	69.1	69.1	69.1
GE 2500	69.1	69.9	70.4	71.1	71.5	71.6	71.6	71.6	71.6	71.6
GE 2200	69.3	70.0	71.1	72.2	72.7	72.9	73.0	73.0	73.0	73.0
GE 2000	69.1	70.2	72.2	72.7	73.1	73.4	73.5	73.6	73.6	73.6
GE 1500	70.0	71.1	73.3	74.2	74.4	74.7	74.7	74.7	74.7	74.7
GE 1000	71.1	72.2	74.7	75.8	76.0	76.1	76.2	76.2	76.2	76.2
GE 900	72.2	73.3	75.8	76.9	77.1	77.1	77.2	77.2	77.2	77.2
GE 800	72.2	73.3	75.8	76.9	77.1	77.2	77.3	77.3	77.3	77.3
GE 700	73.0	74.2	76.8	77.9	78.0	78.2	78.3	78.3	78.4	78.4
GE 600	73.4	74.7	77.3	78.4	78.5	78.6	78.7	78.7	78.8	78.8
GE 500	73.5	74.1	76.8	78.0	78.2	78.3	78.4	78.4	78.5	78.5
GE 400	74.2	75.0	77.8	81.1	83.6	84.0	84.2	84.2	84.2	84.2
GE 300	74.3	75.0	77.8	82.3	85.2	86.0	86.3	86.5	86.5	86.7
GE 200	74.3	76.3	80.3	83.8	86.6	88.3	89.0	92.3	93.4	93.1
GE 200	74.3	75.3	80.3	82.8	86.5	88.4	91.2	93.2	93.4	93.7
GE 100	74.3	76.3	80.3	83.1	86.8	89.4	91.2	93.4	93.6	94.3
GE [illegible]	74.3	75.3	80.3	82.1	86.7	89.4	91.2	93.5	93.7	94.3

TOTAL NUMBER OF OBSERVATIONS 900

[illegible]

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FOR JULY OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUL
UNIT: AFS HOURS: 03-05

CEILING IN HUNDREDS OF FEET

VIS. IN STATUTE MILES	10+	5	3	2 1/2	2	1 1/2	1	3/4	1/2	1/4	0
10+	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
5	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.4	46.4	46.7
3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5	46.5	46.9
2 1/2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.7	46.7	46.9
2	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8	46.8	50.3
1 1/2	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.1
1	52.3	52.3	52.3	52.3	52.4	52.5	52.5	52.5	52.6	52.6	52.7
3/4	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.4
1/2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.5
1/4	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.7
0	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.1
10+	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	72.1
5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	73.2
3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.7
2 1/2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	75.0
2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	76.0
1 1/2	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	79.2
1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3
3/4	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.2	80.2	80.5
1/2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.4	81.4	81.8
1/4	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	84.0	84.1	84.3
0	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	87.2	87.4	87.8
10+	89.5	89.5	89.7	89.8	89.9	90.1	90.1	90.1	90.4	90.6	90.7
5	92.3	92.4	93.1	93.2	93.4	93.6	93.7	93.8	94.3	94.5	94.6
3	93.2	93.4	94.2	94.6	94.8	95.5	95.7	95.7	97.7	98.0	98.0
2 1/2	93.3	93.6	94.3	94.8	95.0	97.0	97.3	97.5	98.3	98.6	98.9
2	93.3	93.6	94.3	94.8	95.0	97.2	97.3	97.6	98.4	98.7	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

STATION NUMBER: 72[illegible] STATION NAME: [illegible]
LST TO UTC: + 5

CEILING (FEET)	VISIBILITY IN STATUTE MILES									
	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	28.2	31.7	32.[illegible]	32.2	32.4	32.4	33.6	34.4	34.[illegible]	34.[illegible]
SE 20000	44.2	44.3	44.1	45.3	45.5	45.5	46.[illegible]	46.[illegible]	46.[illegible]	46.7
SE 15000	44.7	45.2	45.5	45.3	45.5	45.5	45.[illegible]	45.[illegible]	45.[illegible]	45.1
SE 10000	44.[illegible]	45.3	45.7	45.7	45.1	45.1	45.1	45.1	45.[illegible]	45.[illegible]
SE 14000	43.1	45.7	45.[illegible]	45.2	45.[illegible]	45.4	45.[illegible]	45.[illegible]	45.[illegible]	45.[illegible]
SE 12000	45.[illegible]	47.4	47.[illegible]	47.1	47.3	47.3	47.[illegible]	47.[illegible]	47.[illegible]	47.[illegible]
SE 10000	49.[illegible]	[illegible]	51.1	51.[illegible]	51.7	51.7	51.7	51.7	51.7	51.[illegible]
SE [illegible]	49.[illegible]	51.[illegible]	51.7	52.2	52.[illegible]	52.[illegible]	52.[illegible]	52.[illegible]	52.[illegible]	52.[illegible]
SE [illegible]	52.[illegible]	53.[illegible]	53.[illegible]	57.2	57.4	57.4	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]
SE 7000	47.3	51.[illegible]	52.[illegible]	53.2	53.4	53.4	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]
SE 6000	52.7	56.1	57.[illegible]	61.3	61.7	61.7	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]
SE [illegible]	52.[illegible]	56.[illegible]	56.[illegible]	56.7	56.[illegible]	56.[illegible]	56.[illegible]	56.[illegible]	56.[illegible]	56.[illegible]
SE 4500	43.7	56.7	56.[illegible]	56.[illegible]	57.[illegible]	57.[illegible]	57.1	57.1	57.1	57.[illegible]
SE 4000	54.3	56.3	56.[illegible]	57.4	57.7	57.7	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]
SE 3500	55.7	57.3	58.[illegible]	59.3	59.3	59.3	59.[illegible]	59.[illegible]	59.[illegible]	59.[illegible]
SE 3000	57.3	59.2	71.[illegible]	71.9	71.[illegible]	71.[illegible]	71.4	71.4	71.4	71.[illegible]
SE [illegible]	57.[illegible]	59.7	71.[illegible]	71.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	72.1	72.1	72.[illegible]
SE 2500	57.[illegible]	59.[illegible]	71.7	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]
SE 2000	57.[illegible]	59.[illegible]	71.9	72.[illegible]	73.1	73.1	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]
SE 1800	58.2	71.1	72.6	73.2	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]
SE 1200	70.2	72.4	73.[illegible]	74.[illegible]	75.[illegible]	75.[illegible]	75.7	75.7	75.[illegible]	75.[illegible]
SE 1000	71.1	73.3	74.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	77.[illegible]	77.[illegible]	77.1	77.[illegible]
SE [illegible]	71.7	73.4	75.4	76.[illegible]	77.[illegible]	77.[illegible]	77.1	77.1	77.[illegible]	77.[illegible]
SE [illegible]	72.[illegible]	73.[illegible]	77.2	78.[illegible]	80.1	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]
SE 700	73.3	75.7	77.[illegible]	77.[illegible]	81.[illegible]	81.[illegible]	81.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]
SE 600	72.[illegible]	76.1	78.[illegible]	80.7	82.4	83.1	83.[illegible]	84.[illegible]	84.4	84.[illegible]
SE [illegible]	74.[illegible]	76.4	78.[illegible]	81.7	84.[illegible]	85.1	85.[illegible]	86.[illegible]	87.[illegible]	87.[illegible]
SE 400	74.1	76.7	80.2	82.7	85.6	86.[illegible]	87.[illegible]	88.[illegible]	88.[illegible]	88.[illegible]
SE 300	74.1	76.7	80.4	82.[illegible]	85.[illegible]	87.[illegible]	87.[illegible]	91.[illegible]	92.1	93.7
SE 200	74.1	76.7	80.[illegible]	83.2	85.1	88.1	88.[illegible]	92.[illegible]	93.2	95.1
SE 100	74.1	76.7	80.[illegible]	83.2	85.1	88.1	88.[illegible]	92.[illegible]	93.2	95.1
SE 000	74.1	76.7	80.[illegible]	83.2	85.1	88.1	88.[illegible]	92.[illegible]	93.2	95.1

TOTAL NUMBER OF OBSERVATIONS 300

1 - 2 - 3

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[HOURLY OBSERVATIONS]

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: APR HOURS: 06-09

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES	0	1/2	1	1 1/2	1 1/4	1	3/4	3/4	1/2	3/4	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION: [illegible]

USAFETAC, Asheville, NC

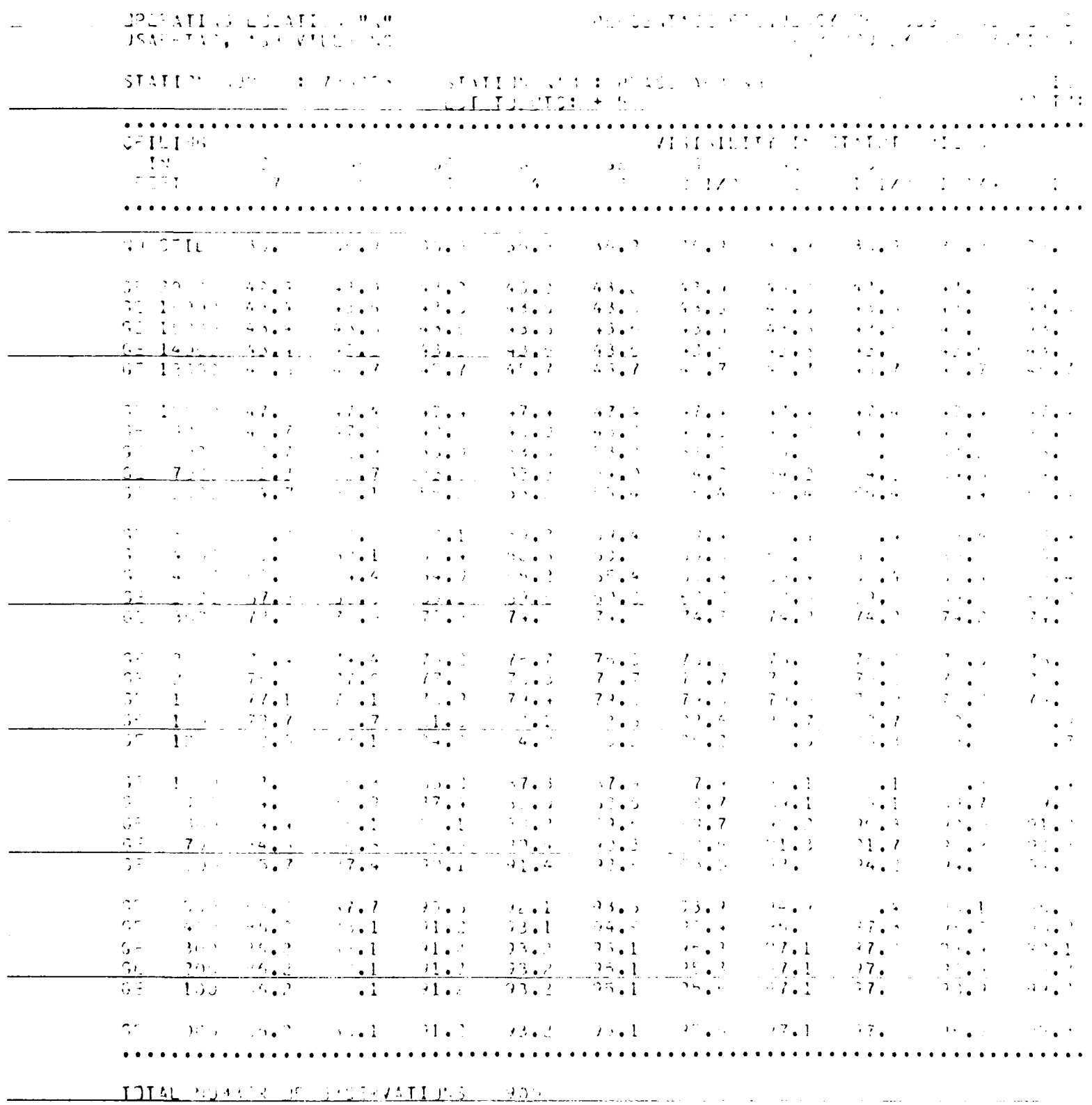
STATION NO: 72[illegible] STATION NAME: [illegible] PERIOD OF RECORD: [illegible]

LAT TO NTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	7	5	4	3	2	1 1/2	1	1/2	1/4	0
NO CEIL	35.7	36.7	37.0	37.4	38.7	40.9	41.0	41.0	41.0	41.0
GE 22000	43.4	44.6	44.9	45.4	46.3	48.3	48.5	48.5	48.5	48.5
GE 18000	44.2	45.2	45.5	46.2	47.1	49.2	49.5	49.5	49.5	49.5
GE 14000	44.7	45.8	46.1	46.8	47.8	50.0	50.3	50.3	50.3	50.3
GE 12000	45.2	46.3	46.6	47.2	48.3	50.5	50.8	50.8	50.8	50.8
GE 10000	45.7	46.8	47.1	47.7	48.8	51.0	51.3	51.3	51.3	51.3
GE 9000	46.1	47.2	47.5	48.1	49.2	51.4	51.7	51.7	51.7	51.7
GE 8000	46.3	47.4	47.7	48.3	49.4	51.6	51.9	51.9	51.9	51.9
GE 7000	46.5	47.6	47.9	48.5	49.6	51.8	52.1	52.1	52.1	52.1
GE 6000	46.7	47.8	48.1	48.7	49.8	52.0	52.3	52.3	52.3	52.3
GE 5000	46.9	48.0	48.3	48.9	50.0	52.2	52.5	52.5	52.5	52.5
GE 4500	47.0	48.1	48.4	49.0	50.1	52.3	52.6	52.6	52.6	52.6
GE 4000	47.1	48.2	48.5	49.1	50.2	52.4	52.7	52.7	52.7	52.7
GE 3500	47.2	48.3	48.6	49.2	50.3	52.5	52.8	52.8	52.8	52.8
GE 3000	47.3	48.4	48.7	49.3	50.4	52.6	52.9	52.9	52.9	52.9
GE 2500	47.4	48.5	48.8	49.4	50.5	52.7	53.0	53.0	53.0	53.0
GE 2000	47.5	48.6	48.9	49.5	50.6	52.8	53.1	53.1	53.1	53.1
GE 1800	47.6	48.7	49.0	49.6	50.7	52.9	53.2	53.2	53.2	53.2
GE 1600	47.7	48.8	49.1	49.7	50.8	53.0	53.3	53.3	53.3	53.3
GE 1400	47.8	48.9	49.2	49.8	50.9	53.1	53.4	53.4	53.4	53.4
GE 1200	47.9	49.0	49.3	49.9	51.0	53.2	53.5	53.5	53.5	53.5
GE 1000	48.0	49.1	49.4	50.0	51.1	53.3	53.6	53.6	53.6	53.6
GE 900	48.1	49.2	49.5	50.1	51.2	53.4	53.7	53.7	53.7	53.7
GE 800	48.2	49.3	49.6	50.2	51.3	53.5	53.8	53.8	53.8	53.8
GE 700	48.3	49.4	49.7	50.3	51.4	53.6	53.9	53.9	53.9	53.9
GE 600	48.4	49.5	49.8	50.4	51.5	53.7	54.0	54.0	54.0	54.0
GE 500	48.5	49.6	49.9	50.5	51.6	53.8	54.1	54.1	54.1	54.1
GE 450	48.6	49.7	50.0	50.6	51.7	53.9	54.2	54.2	54.2	54.2
GE 400	48.7	49.8	50.1	50.7	51.8	54.0	54.3	54.3	54.3	54.3
GE 350	48.8	49.9	50.2	50.8	51.9	54.1	54.4	54.4	54.4	54.4
GE 300	48.9	50.0	50.3	50.9	52.0	54.2	54.5	54.5	54.5	54.5
GE 250	49.0	50.1	50.4	51.0	52.1	54.3	54.6	54.6	54.6	54.6
GE 200	49.1	50.2	50.5	51.1	52.2	54.4	54.7	54.7	54.7	54.7
GE 150	49.2	50.3	50.6	51.2	52.3	54.5	54.8	54.8	54.8	54.8
GE 100	49.3	50.4	50.7	51.3	52.4	54.6	54.9	54.9	54.9	54.9
GE 050	49.4	50.5	50.8	51.4	52.5	54.7	55.0	55.0	55.0	55.0
GE 000	49.5	50.6	50.9	51.5	52.6	54.8	55.1	55.1	55.1	55.1

TOTAL NUMBER OF OBSERVATIONS 9000

[illegible]



A

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] CUMULATIVE PERCENTAGES

[illegible] PERIOD OF RECORD: JUL 74 - JUN [illegible]
[illegible] MONTH: APR HOURS: 12-14

VISIBILITY IN STATUTE MILES

1/4		1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILI
FOR MONTHLY OBSERVATIONS

STATION NUMBER: 72[illegible] STATION NAME: [illegible]
LST IN UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	7	5	3	2	1	1/2	1	1 1/2	1 1/4	1
NO CEIL	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 20000	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 15000	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 10000	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 14000	47.3	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 12000	48.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 10000	51.9	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4
GE 9000	52.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 8000	54.6	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 7000	57.2	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 6000	59.7	60.1	60.4	60.7	60.7	60.8	60.8	60.8	60.8	60.8
GE 5000	62.7	63.2	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 4500	64.3	64.8	65.2	65.4	65.4	65.5	65.7	65.7	65.7	65.7
GE 4000	66.1	66.6	67.0	70.1	70.2	70.2	70.3	70.3	70.3	70.3
GE 3500	72.4	73.1	73.7	73.9	74.0	74.0	74.1	74.1	74.1	74.1
GE 3000	74.1	75.0	75.4	76.7	76.8	76.9	77.0	77.1	77.2	77.2
GE 2500	77.4	77.7	78.1	78.3	78.7	78.7	79.0	79.1	79.1	79.1
GE 2000	80.3	81.3	81.5	82.1	82.4	82.4	82.7	82.7	82.7	82.7
GE 1800	81.2	81.5	82.1	82.4	82.6	82.6	82.8	82.8	82.8	82.8
GE 1500	82.4	83.0	84.0	84.2	84.3	84.3	84.5	84.5	84.5	84.5
GE 1200	86.6	86.9	87.0	87.2	87.2	87.2	87.3	87.3	87.3	87.3
GE 1000	88.9	89.4	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7
GE 900	89.4	90.1	90.1	90.3	90.3	90.3	90.4	90.4	90.4	90.4
GE 800	90.3	91.4	91.5	91.7	91.7	91.8	91.9	92.0	92.0	92.0
GE 700	91.1	92.1	92.2	92.4	92.4	92.5	92.6	92.7	92.7	92.7
GE 600	92.3	93.4	93.5	93.7	93.7	93.8	93.9	94.0	94.0	94.0
GE 500	93.3	94.2	94.3	94.5	94.5	94.6	94.7	94.8	94.8	94.8
GE 400	93.8	94.7	94.8	95.0	95.0	95.1	95.2	95.3	95.3	95.3
GE 300	93.8	94.7	94.8	95.0	95.0	95.1	95.2	95.3	95.3	95.3
GE 200	93.8	94.7	94.8	95.0	95.0	95.1	95.2	95.3	95.3	95.3
GE 100	93.8	94.7	94.8	95.0	95.0	95.1	95.2	95.3	95.3	95.3
GE 000	93.8	94.7	94.8	95.0	95.0	95.1	95.2	95.3	95.3	95.3

TOTAL NUMBER OF OBSERVATIONS 904

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A

...SE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...FROM HOURLY OBSERVATIONS

... PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: APR HOURS: 15-17

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES									
	10	5	3	2	1	3/4	1/2	1/4	1/8	0
[illegible]	[illegible]	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
[illegible]	[illegible]	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
[illegible]	[illegible]	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
[illegible]	[illegible]	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
[illegible]	[illegible]	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
[illegible]	[illegible]	49.[illegible]	49.[illegible]	49.[illegible]	49.[illegible]	49.[illegible]	49.[illegible]	49.[illegible]	49.[illegible]	49.[illegible]
[illegible]	[illegible]	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
[illegible]	[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	53.3	53.3	53.3	53.3	53.3	53.3
[illegible]	[illegible]	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	55.7	[illegible].7	[illegible].7	55.7
[illegible]	[illegible]	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
[illegible]	[illegible]	[illegible].9	[illegible].9	59.9	[illegible].9	[illegible].9	[illegible].9	[illegible].9	[illegible].9	59.9
[illegible]	[illegible]	[illegible].3	[illegible].3	[illegible].3	64.3	64.3	64.3	64.3	64.3	64.3
[illegible]	[illegible]	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
[illegible]	[illegible]	[illegible].3	[illegible].3	[illegible].3	70.3	70.3	70.3	70.3	70.3	70.3
[illegible]	[illegible]	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
[illegible]	[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]
[illegible]	[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
[illegible]	[illegible]	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7
[illegible]	[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
[illegible]	[illegible]	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3
[illegible]	[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

STATION NUMBER: 723075 STATION NAME: ROANOKE APT VA
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	41.2	41.4	41.7	41.[illegible]	41.8	41.9	41.[illegible]	41.[illegible]	41.[illegible]	41.9
GE 20000	47.1	47.5	47.[illegible]	47.9	47.9	47.9	47.9	47.[illegible]	47.[illegible]	47.9
GE 15000	47.4	47.7	48.1	48.2	48.2	48.4	48.[illegible]	48.[illegible]	48.[illegible]	48.4
GE 10000	47.4	47.7	48.1	48.2	48.2	48.3	48.3	48.3	48.3	48.4
GE 14000	47.[illegible]	48.2	48.4	48.5	48.5	48.6	48.6	48.6	48.6	48.6
GE 12000	48.3	48.[illegible]	48.[illegible]	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 10000	51.7	52.1	52.[illegible]	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 9000	52.3	52.[illegible]	53.0	53.1	53.1	53.1	53.2	53.1	53.1	53.1
GE 8000	53.[illegible]	53.8	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 7000	57.7	58.1	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 6000	58.3	58.3	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 5000	63.1	63.7	64.1	64.4	64.5	64.5	64.5	64.5	64.5	64.5
GE 4500	65.5	66.1	66.5	67.0	67.1	67.1	67.1	67.1	67.1	67.1
GE 4000	69.[illegible]	69.1	70.1	70.6	70.7	70.8	70.8	70.8	70.8	70.8
GE 3500	71.7	71.8	72.[illegible]	72.[illegible]	73.1	73.2	73.2	73.2	73.2	73.2
GE 3000	73.[illegible]	74.2	75.4	75.7	75.8	75.8	75.8	75.8	75.8	75.8
GE 2500	75.2	75.9	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]
GE 2000	75.4	75.9	77.[illegible]	78.1	78.[illegible]	78.[illegible]	78.[illegible]	78.[illegible]	78.[illegible]	78.[illegible]
GE 1800	75.[illegible]	75.7	77.3	78.2	78.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1600	77.2	77.4	78.[illegible]	[illegible]	81.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1400	78.2	78.2	81.4	82.4	83.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	78.2	[illegible]	82.7	83.7	84.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	79.2	[illegible]	83.1	84.3	85.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	79.4	81.4	84.9	86.2	87.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	79.4	81.6	84.2	85.9	87.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	79.[illegible]	81.6	84.5	86.4	88.3	89.2	89.[illegible]	90.1	90.[illegible]	90.[illegible]
GE 600	80.3	82.0	85.[illegible]	87.[illegible]	89.1	90.1	91.2	91.[illegible]	92.[illegible]	92.[illegible]
GE 500	81.1	83.0	86.2	88.3	91.0	92.1	93.3	94.[illegible]	95.1	95.3
GE 400	81.2	83.1	86.3	88.4	91.3	92.5	94.2	95.2	95.[illegible]	96.[illegible]
GE 300	81.2	83.1	86.3	88.4	91.3	92.7	94.1	95.7	96.3	97.2
GE 200	81.2	83.1	86.3	88.4	91.3	92.7	94.1	95.[illegible]	96.4	97.3
GE 000	81.2	83.1	86.3	88.4	91.3	92.7	94.1	95.[illegible]	96.4	97.3

TOTAL NUMBER OF OBSERVATIONS 900

A

...I FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...FROM HOURLY OBSERVATIONS

...A   PERIOD OF RECORD: JUL 7... - JU... 7...
                    MONTH: APR HOURS: 13-20

...ILITY I... STATUTE MILES										
...	3/4	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/4	1/4	0
...	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
...	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
...	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
...	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
...	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
...	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
...	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
...	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
...	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
...	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
...	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
...	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
...	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
...	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
...	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
...	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
...	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
...	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
...	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
...	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
...	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
...	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
...	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
...	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
...	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
...	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
...	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
...	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
...	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

B

OPERATING LOCATION WAW
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY

STATION NUMBER: 723083 STATION NAME: PEASE AFB NH PERIOD: [illegible]
LST TO UTC: + 5 MONTH: [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	45.1	45.5	45.3	45.3	45.5	45.5	45.5	45.5	45.7	45.7
GE 20000	49.7	49.1	49.9	49.9	50.1	50.1	50.1	50.1	[illegible]	[illegible]
GE 15000	49.9	49.4	50.2	50.2	50.4	50.4	50.4	50.4	[illegible]	[illegible]
GE 10000	49.9	49.4	50.2	50.2	50.4	50.4	50.4	[illegible]	[illegible]	[illegible]
GE 9000	49.9	49.4	50.2	50.2	50.4	50.4	50.4	50.4	[illegible]	[illegible]
GE 8000	49.9	49.4	50.2	50.2	50.4	50.4	50.4	50.4	[illegible]	[illegible]
GE 7000	49.9	49.4	50.2	50.2	50.4	50.4	50.4	50.4	[illegible]	[illegible]
GE 6000	49.9	49.4	50.2	50.2	50.4	50.4	50.4	50.4	[illegible]	[illegible]
GE 5000	50.1	49.6	50.4	50.4	50.6	50.6	50.6	50.6	[illegible]	[illegible]
GE 4500	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 4000	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 3500	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 3000	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 2500	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 2000	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 1800	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 1600	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 1400	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 1200	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 1000	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 900	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 800	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 700	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 600	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 500	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 450	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 400	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 350	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 300	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 250	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 200	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 150	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 100	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]
GE 000	51.1	50.6	51.3	51.4	51.7	51.7	51.7	51.7	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 900

1 - 2 - 37

A

...QUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...HLY OBSERVATIONS

...PERIOD OF RECORD: JUL 73 - JUN 77
MONTH: APR HOURS: 21-23

VISIBILITY IN STATUTE MILES

CEILING IN FEET	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	46.3	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
	50.4	50.4	50.5	50.5	50.5	50.4	50.5	50.5	50.5	50.5
	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
	50.4	50.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
1.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
	59.2	59.2	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
	67.3	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
77.4	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
1.0	1.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
7.0	7.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
	92.1	92.4	92.7	92.9	93.1	93.1	93.2	93.2	93.2	93.2
92.1	92.3	93.4	93.7	94.2	94.6	94.6	94.7	94.7	94.7	94.7
91.7	93.4	94.5	95.1	95.2	95.7	95.9	97.6	97.8	97.9	97.9
1.7	93.4	94.7	95.2	95.1	95.9	97.0	97.2	97.5	97.6	99.4
1.7	93.4	94.7	95.2	95.1	95.9	97.0	97.3	98.4	98.5	100.0

OPERATING LOCATION "A"
USAFFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
FOR MILITARY OBSERVATIONS

STATION NUMBER: 723035 STATION NAME: PLAGE AFB FL
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	41.2	41.4	41.7	41.8	41.9	41.9	41.9	41.9	41.9	41.9
GE 20000	46.4	46.9	47.0	47.1	47.2	47.2	47.2	47.2	47.2	47.2
GE 15000	46.9	47.1	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 14000	46.9	47.1	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 13000	47.1	47.5	47.7	47.8	47.9	47.9	47.9	47.9	47.9	47.9
GE 12000	48.3	48.7	49.0	49.1	49.2	49.2	49.2	49.2	49.2	49.2
GE 10000	50.5	51.0	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.5
GE 9000	51.2	51.6	52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.2
GE 8000	54.9	55.4	55.7	55.8	56.1	56.1	56.1	56.1	56.1	56.1
GE 7000	56.9	57.2	57.5	57.7	57.8	57.9	57.9	57.9	57.9	57.9
GE 6000	57.9	58.5	59.0	59.1	59.3	59.3	59.3	59.3	59.3	59.3
GE 5000	61.1	61.8	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6
GE 4500	63.8	64.3	64.9	65.1	65.3	65.3	65.3	65.3	65.4	65.4
GE 4000	65.9	66.5	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6
GE 3500	68.2	69.0	69.8	70.1	70.4	70.5	70.5	70.5	70.5	70.5
GE 3000	70.9	71.6	72.7	73.1	73.4	73.5	73.5	73.5	73.6	73.6
GE 2500	72.2	73.3	74.3	74.7	75.2	75.2	75.3	75.3	75.3	75.3
GE 2000	74.3	74.9	75.9	76.4	76.9	76.9	77.0	77.0	77.0	77.1
GE 1800	74.5	75.2	76.4	76.9	77.3	77.4	77.5	77.5	77.5	77.6
GE 1500	75.4	76.7	77.9	78.4	78.1	78.2	78.3	78.3	78.4	78.4
GE 1200	76.5	77.1	78.5	79.2	79.9	81.0	81.0	81.1	81.2	81.3
GE 1000	77.9	78.8	80.9	81.8	82.5	82.7	82.9	83.0	83.1	83.2
GE 900	78.4	79.3	81.5	82.4	83.4	83.6	83.8	83.9	84.0	84.2
GE 800	79.2	80.7	82.7	83.6	84.7	85.0	85.2	85.4	85.5	85.7
GE 700	79.4	81.1	83.1	84.3	85.3	85.9	86.3	86.7	86.9	87.0
GE 600	79.9	81.5	83.9	85.0	87.2	87.9	88.2	88.4	88.5	88.7
GE 500	80.2	82.0	84.6	86.4	88.4	89.3	90.1	91.0	91.3	91.5
GE 400	82.5	82.5	85.3	87.4	89.9	91.0	92.2	93.4	93.9	94.3
GE 300	80.5	82.6	85.5	87.6	90.4	91.5	93.2	94.5	95.2	95.4
GE 200	80.5	82.5	85.5	87.7	90.5	92.0	93.4	95.2	95.9	96.1
GE 100	80.5	82.5	85.5	87.7	90.5	92.0	93.4	95.2	95.9	96.1
GE 000	80.5	82.5	85.5	87.7	90.5	92.0	93.4	95.2	95.9	96.1

TOTAL NUMBER OF OBSERVATIONS 7200

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 74 - JUN [illegible]
MONTH: ALL HOURS: ALL

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES										
10	7	5	4	3	2 1/2	2	1 1/2	1	1/2	0
1/4	1/2	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5
1.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.0
7.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3
7.3	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.7	47.7
7.3	47.5	47.5	47.5	47.5	47.7	47.7	47.7	47.7	47.7	47.7
7.3	47.2	47.2	47.3	47.3	47.3	47.3	47.2	47.3	47.3	47.3
1.3	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3
1.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.7
2.1	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3
5.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2
7.3	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	58.0
3.3	59.4	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4
1.3	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.4	62.3
4.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5
7.4	67.4	67.4	67.4	68.0	68.0	68.0	68.0	68.0	68.0	68.1
73.3	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.6	73.5	76.6
7.3	73.3	73.3	73.3	73.3	73.3	73.3	73.5	73.3	73.3	73.7
7.2	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.3	75.4	75.4
7.3	77.3	77.3	77.3	77.1	77.1	77.1	77.1	77.1	77.1	77.2
77.4	77.5	77.	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.7
7.5	73.3	73.3	73.4	73.4	73.4	73.4	73.5	73.5	73.5	79.5
1.3	1.3	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3
3.7	3.7	3.9	3.1	3.2	3.2	3.2	3.2	3.3	3.3	3.3
4.1	4.1	4.3	4.1	4.1	4.1	4.1	4.2	4.2	4.2	4.2
5.3	5.3	5.4	5.5	5.7	5.8	5.8	5.8	5.9	5.7	5.7
7.2	7.1	7.2	7.2	7.1	7.1	7.1	7.1	7.2	7.2	7.3
7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.5
1.3	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
1.4	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
4.1	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
5.3	5.3	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.3
7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.5
91.0	91.1	91.2	91.3	91.5	91.7	91.7	91.8	91.8	91.9	91.9
92.0	92.2	92.4	92.4	94.3	94.5	94.5	94.7	94.7	94.8	94.8
96.0	96.2	96.4	96.5	96.5	96.3	96.3	96.8	96.8	96.8	96.9
97.6	97.4	97.1	97.3	97.3	97.3	97.4	97.6	97.7	97.7	98.3
99.0	99.3	99.2	99.3	99.3	97.5	97.6	98.4	98.6	99.3	99.4
100.0	99.4	99.2	99.3	99.3	97.5	97.6	98.4	98.7	99.3	100.0

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible]
[illegible]

STATION IDENTIFIER: 723090 STATION NAME: ROAST [illegible]
LST TO UTC: +5

CEILING (FEET)	VISIBILITY (STATUTE MILES) 10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	49.7	50.0	50.4	50.5	51.2	51.2	51.2	51.2	51.2	51.2
GE 20000	52.5	52.8	53.2	53.3	54.0	54.0	54.0	54.0	54.0	54.0
GE 18000	52.5	52.8	53.2	53.3	54.0	54.0	54.0	54.0	54.0	54.0
GE 16000	52.5	52.8	53.2	53.3	54.0	54.0	54.0	54.0	54.0	54.0
GE 14000	52.5	52.8	53.2	53.3	54.0	54.0	54.0	54.0	54.0	54.0
GE 12000	54.2	54.5	55.1	55.2	55.9	55.9	55.9	55.9	55.9	55.9
GE 10000	57.5	57.8	58.5	58.6	59.2	59.2	59.2	59.2	59.2	59.2
GE 9000	58.1	58.4	59.1	59.3	59.7	59.7	59.7	59.7	59.7	59.7
GE 8000	61.7	62.0	62.6	62.7	63.3	63.3	63.3	63.3	63.3	63.3
GE 7000	63.5	63.8	64.5	64.6	65.3	65.3	65.3	65.3	65.3	65.3
GE 6000	66.9	67.2	68.0	68.2	67.1	67.1	67.1	67.1	67.1	67.1
GE 5000	67.2	67.5	68.3	68.5	69.4	69.4	69.4	69.4	69.4	69.4
GE 4500	69.4	69.7	70.6	70.8	71.6	71.6	71.6	71.6	71.6	71.6
GE 4000	70.	71.2	72.2	72.4	73.2	73.2	73.2	73.2	73.2	73.
GE 3500	72.7	73.1	74.3	74.5	75.4	75.4	75.4	75.4	75.4	75.4
GE 3000	74.1	74.5	75.8	76.0	77.1	77.1	77.1	77.1	77.1	77.1
GE 2500	75.2	75.7	77.0	77.2	78.3	78.3	78.3	78.3	78.3	78.3
GE 2000	75.4	75.9	77.2	77.4	78.5	78.5	78.5	78.5	78.5	78.5
GE 1800	75.4	75.9	77.4	77.6	78.7	78.7	78.7	78.7	78.7	78.7
GE 1500	76.7	77.2	78.5	78.7	79.8	79.8	79.8	79.8	79.8	79.8
GE 1300	78.3	78.8	80.1	80.3	81.4	81.4	81.4	81.4	81.4	81.4
GE 1200	78.3	78.8	80.1	80.3	81.4	81.4	81.4	81.4	81.4	81.4
GE 1000	77.1	77.6	79.0	80.1	81.1	81.1	81.1	81.2	81.2	81.2
GE 900	77.3	77.8	79.2	80.3	81.4	81.4	81.4	81.5	81.5	81.5
GE 800	77.5	78.0	79.4	80.5	81.7	81.7	81.7	81.8	81.8	81.8
GE 700	77.5	78.2	79.6	81.3	82.7	82.8	83.0	83.2	83.2	83.1
GE 600	77.5	78.1	81.0	82.5	84.1	84.3	84.4	84.5	84.6	84.7
GE 500	79.3	79.9	82.2	83.8	85.1	85.4	85.6	86.1	86.2	86.3
GE 400	79.3	80.0	83.0	84.2	86.2	86.5	87.5	87.7	87.9	88.0
GE 300	79.4	80.1	83.3	86.0	88.4	89.0	91.2	92.4	92.8	91.4
GE 200	79.4	80.1	83.5	86.0	88.7	89.3	91.3	92.4	92.7	93.2
GE 100	79.4	80.1	83.5	86.0	88.7	89.3	91.3	92.4	93.0	94.5
GE 000	79.4	80.1	83.5	86.0	88.7	89.3	91.3	92.4	93.0	94.5

TOTAL NUMBER OF OBSERVATIONS 930

[illegible] OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] ONLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 74 - JUN [illegible]
MONTH: MAY HOURS: 00-23

CEILING IN STATUTE MILES										
[illegible] 1/2	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.4	51.5
[illegible]	[illegible]	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.3
[illegible]	[illegible]	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.5
[illegible]	[illegible]	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.5
[illegible]	[illegible]	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.5
[illegible]	[illegible]	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1
[illegible]	[illegible]	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.6
[illegible]	[illegible]	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.9
[illegible]	[illegible]	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.7
[illegible]	[illegible]	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.6
[illegible]	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.4
[illegible]	[illegible]	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.7
[illegible]	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.7	71.9
[illegible]	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.5
[illegible]	[illegible]	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.7
[illegible]	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.3	77.4
[illegible]	[illegible]	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.6
[illegible]	[illegible]	[illegible]	[illegible]	78.4	78.4	78.5	78.5	78.5	78.7	78.9
[illegible]	[illegible]	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.9	79.1
[illegible]	[illegible]	[illegible]	[illegible]	79.9	79.9	79.9	79.9	79.9	79.9	79.2
[illegible]	[illegible]	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.5	79.7
[illegible]	[illegible]	[illegible]	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.6
81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.4	81.6
82.7	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
[illegible]	[illegible]	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.2	83.4
[illegible]	[illegible]	[illegible]	84.6	84.7	84.7	84.7	84.7	84.7	84.9	85.1
[illegible]	[illegible]	86.1	86.3	86.5	86.5	86.5	86.6	86.6	86.7	86.9
[illegible]	87.7	87.7	[illegible]	88.2	88.2	88.2	88.3	88.3	88.4	88.6
[illegible]	[illegible]	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.7	92.3
[illegible]	[illegible]	92.2	92.7	93.9	94.3	94.3	95.0	95.5	96.1	96.7
[illegible]	91.3	92.4	93.0	94.5	95.6	95.6	96.3	96.5	97.3	99.7
[illegible]	91.3	92.4	93.0	94.5	95.6	95.6	96.3	96.5	97.3	100.0

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY CEILING AND VISIBILITY

STATION NUMBER: 72306

STATION NAME: [illegible]

LST IN USE: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	43.9	44.[illegible]	45.1	45.[illegible]	46.7	46.9	47.[illegible]	47.[illegible]	47.[illegible]	47.[illegible]
25000	47.1	47.3	47.7	50.3	51.5	51.7	[illegible]	[illegible]	[illegible]	[illegible]
20000	47.3	47.5	47.9	50.[illegible]	51.7	51.9	[illegible]	[illegible]	[illegible]	[illegible]
15000	47.3	47.5	47.9	50.[illegible]	51.7	51.9	[illegible]	[illegible]	[illegible]	[illegible]
14000	47.3	47.5	47.9	50.[illegible]	51.7	51.9	[illegible]	[illegible]	[illegible]	[illegible]
12000	47.4	47.6	48.0	50.4	51.8	52.0	[illegible]	[illegible]	[illegible]	[illegible]
10000	51.3	52.5	53.9	54.[illegible]	56.2	56.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9000	51.7	52.9	54.3	54.[illegible]	56.7	56.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8000	56.1	57.3	58.[illegible]	59.[illegible]	60.9	61.1	61.[illegible]	61.[illegible]	61.7	61.[illegible]
7000	63.1	64.2	64.[illegible]	65.[illegible]	67.0	67.[illegible]	68.4	68.[illegible]	68.7	68.[illegible]
6000	64.7	66.3	67.4	68.[illegible]	69.4	69.7	70.1	70.1	70.[illegible]	70.[illegible]
5500	65.3	66.8	68.4	69.[illegible]	70.[illegible]	70.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.7
5000	65.3	66.8	68.4	69.[illegible]	70.[illegible]	70.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.7
4500	66.3	68.[illegible]	69.7	70.[illegible]	72.[illegible]	72.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]
4000	67.2	68.7	70.[illegible]	71.[illegible]	73.[illegible]	73.[illegible]	74.[illegible]	74.[illegible]	74.[illegible]	74.[illegible]
3500	68.[illegible]	70.[illegible]	72.[illegible]	73.[illegible]	74.[illegible]	74.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]
3000	69.[illegible]	71.[illegible]	73.[illegible]	74.[illegible]	75.[illegible]	75.[illegible]	76.[illegible]	76.[illegible]	77.[illegible]	77.[illegible]
2500	70.[illegible]	71.[illegible]	73.[illegible]	74.[illegible]	75.[illegible]	76.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]
2000	70.[illegible]	72.[illegible]	73.[illegible]	74.[illegible]	75.[illegible]	76.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]
1800	70.[illegible]	72.[illegible]	74.[illegible]	75.[illegible]	77.1	77.[illegible]	78.[illegible]	78.[illegible]	78.[illegible]	78.[illegible]
1500	71.[illegible]	73.[illegible]	75.1	76.[illegible]	78.[illegible]	78.[illegible]	79.[illegible]	79.[illegible]	79.1	79.[illegible]
1400	72.[illegible]	73.[illegible]	75.[illegible]	76.[illegible]	78.[illegible]	78.[illegible]	79.[illegible]	79.[illegible]	80.[illegible]	80.[illegible]
1300	72.[illegible]	74.[illegible]	75.[illegible]	77.[illegible]	79.1	79.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]
1200	72.[illegible]	74.[illegible]	75.[illegible]	77.[illegible]	79.4	79.7	80.1	80.2	81.[illegible]	81.[illegible]
1100	73.[illegible]	74.7	76.7	78.1	80.[illegible]	80.[illegible]	80.[illegible]	81.1	81.4	81.[illegible]
1000	73.[illegible]	75.[illegible]	77.[illegible]	79.[illegible]	81.4	81.7	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]
900	74.1	75.[illegible]	77.[illegible]	80.[illegible]	82.[illegible]	82.[illegible]	83.[illegible]	84.[illegible]	84.7	85.1
800	74.1	75.[illegible]	77.[illegible]	80.[illegible]	83.4	83.[illegible]	84.[illegible]	85.[illegible]	85.[illegible]	85.[illegible]
700	74.1	76.[illegible]	78.1	81.[illegible]	85.5	86.[illegible]	87.[illegible]	88.[illegible]	88.[illegible]	88.[illegible]
600	74.1	76.[illegible]	78.1	81.[illegible]	85.7	86.[illegible]	87.[illegible]	88.1	88.[illegible]	88.[illegible]
500	74.1	76.[illegible]	78.1	81.[illegible]	85.7	86.[illegible]	87.[illegible]	88.1	88.[illegible]	88.[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

1 - 3 - 3

A

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 77 - JUN [illegible]
MONTH: MAY HOUR: 03-05

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES									
	2	1 1/2	1 1/4	1	3/4	1/2	1/4	0		
[illegible]	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

B

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
(ALL WEATHER OBSERVATIONS)

PERIOD OF RECORD: JUL 74 - JUN 84
MONTH: MAY HOURS: 05-06

CEILING IN STATUTE MILES

VISIBILITY IN STATUTE MILES										
1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.4	
51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	
51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	
51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.2	52.2	
53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY

STATION NO: 13872 STATION NAME: ASHEVILLE, NC
LST TO UTC: +5

PERIOD OF RECORD: 1973-1982

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	43.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 20000	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 18000	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 16000	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 14000	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 12000	53.5	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 10000	57.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 9000	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 8000	62.5	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 7000	63.8	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 6000	64.4	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 5000	67.0	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 4500	68.1	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 4000	71.4	72.3	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7
GE 3500	73.1	74.2	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4
GE 3000	75.4	76.3	76.4	76.4	76.4	77.0	77.0	77.0	77.0	77.0
GE 2500	76.6	76.7	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.4
GE 2000	77.2	77.2	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1
GE 1800	77.3	77.5	78.5	78.5	78.7	78.8	78.8	78.9	78.9	78.9
GE 1600	77.4	78.0	80.4	80.4	80.6	80.6	80.6	80.9	80.9	81.0
GE 1400	78.1	80.0	81.0	81.0	81.2	81.4	81.5	81.5	81.5	81.7
GE 1200	80.0	81.4	82.5	82.7	83.2	83.4	83.5	83.7	83.7	83.9
GE 1000	80.5	82.0	83.1	83.3	83.9	84.2	84.3	84.4	84.4	84.6
GE 900	81.0	83.0	84.4	84.7	85.4	86.2	86.3	86.5	86.5	86.7
GE 800	82.0	84.3	85.2	85.5	87.5	88.0	88.1	88.2	88.2	88.3
GE 700	82.9	86.0	86.3	87.3	89.4	90.2	90.4	90.5	90.5	90.7
GE 600	85.2	88.4	87.4	88.9	90.9	91.5	92.0	93.0	93.3	93.4
GE 500	87.3	88.4	89.2	91.5	92.3	93.1	94.6	94.7	95.1
GE 400	88.0	89.5	89.6	92.5	93.4	94.5	96.9	97.5	97.5
GE 300	88.0	89.5	89.6	92.5	93.7	94.8	97.4	98.1	98.3
GE 200	88.0	89.5	89.6	92.5	93.7	94.8	97.4	98.1	98.3
GE 100	88.0	89.5	89.6	92.5	93.7	94.8	97.4	98.1	98.3
GE 000	88.0	89.5	89.6	92.5	93.7	94.8	97.4	98.1	98.3

TOTAL NUMBER OF OBSERVATIONS 930

7 - 2 - 41

A

...E FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...FROM HOURLY OBSERVATIONS

... PERIOD OF RECORD: JUL 79 - JUN ..
MONTH: MAY HOURS: 09-11

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES										
... 1/2	...	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
...1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
...2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
...3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
...9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
...5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
...1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
...4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
...1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
...2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
...3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
...7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
...5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
...0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
...7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
...4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
...7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
...4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
...1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
...9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
...0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
...6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
...4	83.4	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8
...5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
...2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
...3	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
...2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
...3	92.3	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
...3	93.1	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
...4	94.5	95.9	97.5	97.5	98.0	98.0	98.0	98.0	98.0	98.0
...7	94.3	97.4	98.1	98.5	99.2	99.2	99.5	99.5	99.5	99.7
...7	94.5	97.4	98.1	98.5	99.2	99.2	99.5	99.7	99.8	100.0
...7	94.5	97.4	98.1	98.5	99.2	99.2	99.5	99.7	99.8	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY
FOR ALL OBSERVATIONS

STATION NUMBER: 723175 STATION NAME: PLEASE ADD NAME PERIOD OF RECORD:
LST TO UTC: + 5 FROM:

CEILING IN FEET	VISIBILITY IN STATUTE MILES: 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	46.2	43.3	43.3	43.2	43.2	43.2	43.1	43.1	43.1	43.1
GE 20000	51.7	51.4	51.3	51.3	51.2	51.2	51.2	51.2	51.2	51.2
GE 18000	52.4	52.2	52.2	52.2	52.1	52.1	52.1	52.1	52.1	52.1
GE 15000	52.4	52.2	52.2	52.2	52.1	52.1	52.1	52.1	52.1	52.1
GE 14000	53.1	52.9	52.9	52.9	52.8	52.8	52.8	52.8	52.8	52.8
GE 12000	55.3	55.1	55.1	55.1	55.0	55.0	55.0	55.0	55.0	55.0
GE 10000	56.3	56.2	56.2	56.2	56.1	56.1	56.1	56.1	56.1	56.1
GE 9000	58.3	58.2	58.2	58.2	58.1	58.1	58.1	58.1	58.1	58.1
GE 8000	59.4	59.3	59.3	59.3	59.2	59.2	59.2	59.2	59.2	59.2
GE 7000	64.3	64.1	64.1	64.1	64.0	64.0	64.0	64.0	64.0	64.0
GE 6000	65.1	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 5000	67.7	67.5	67.5	67.5	67.4	67.4	67.4	67.4	67.4	67.4
GE 4500	73.2	73.1	73.1	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 4000	74.3	74.2	74.2	74.2	74.1	74.1	74.1	74.1	74.1	74.1
GE 3500	76.7	76.6	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3
GE 3000	78.1	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3
GE 2500	87.4	87.4	1.4	91.7	91.8	91.8	1.	91.8	91.8	1.
GE 2000	91.5	1.2	92.7	93.1	93.2	93.3	93.3	93.3	93.3	93.3
GE 1500	91.5	92.0	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.4
GE 1000	93.3	93.7	93.4	93.5	94.0	94.1	94.1	94.1	94.1	94.1
GE 1200	92.5	93.0	94.0	94.5	94.7	94.8	94.8	94.8	94.8	94.8
GE 1000	93.2	93.9	95.1	95.7	96.1	96.3	96.3	96.3	96.3	96.3
GE 900	94.3	94.5	95.3	96.5	96.9	97.1	97.3	97.3	97.3	97.3
GE 800	95.4	95.2	97.4	98.7	99.4	99.6	99.8	99.8	99.8	99.8
GE 700	95.7	95.6	98.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9
GE 600	96.2	97.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	96.7	98.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	96.7	98.5	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	96.7	98.7	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	96.7	98.7	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	96.7	98.7	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 000	96.7	98.7	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

A

...T FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...R IN HOURLY OBSERVATIONS

...WA PERIOD OF RECORD: JUL 70 - JUL ..
MONTH: MAY HOURS: 12-14

CEILING IN HUNDREDS OF FEET

VIS	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0
≥10	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥5	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥2½	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥1½	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥1¼	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥¾	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥½	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥¼	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7
97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
99.7	99.7	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723065 STATION NAME: PEASE AFB NH
LST IN UTC: + 5

APRIL
1964-8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 20000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 18000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 16000	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 14000	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 12000	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 10000	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 9000	57.1	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 8000	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 7000	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 6000	66.2	66.5	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8
GE 5000	69.4	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4500	72.3	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4000	74.3	75.7	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1
GE 3500	77.7	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 3000	79.0	79.6	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2
GE 2500	80.1	80.6	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3
GE 2000	80.4	81.2	82.0	82.2	82.3	82.4	82.5	82.5	82.5	82.5
GE 1800	80.4	81.3	82.2	82.3	82.4	82.5	82.6	82.6	82.6	82.6
GE 1500	81.6	82.3	83.4	83.5	83.8	84.0	84.1	84.1	84.1	84.1
GE 1200	82.5	83.1	84.3	84.4	85.2	85.3	85.4	85.4	85.4	85.4
GE 1000	83.4	84.1	85.5	86.1	86.6	86.7	86.8	86.8	86.8	86.8
GE 900	83.9	84.5	86.3	86.9	87.3	87.4	87.5	87.5	87.5	87.5
GE 800	84.1	85.3	87.5	88.0	88.6	88.7	88.8	88.8	88.8	88.8
GE 700	85.4	86.2	88.4	89.0	89.7	89.8	90.0	90.0	90.2	90.1
GE 600	85.7	86.1	89.1	90.0	90.9	91.0	91.2	91.3	91.3	91.4
GE 500	86.1	87.3	89.9	91.0	92.0	92.4	92.7	92.9	92.9	93.1
GE 400	86.3	87.6	90.4	91.7	93.4	93.9	94.3	95.2	95.2	95.4
GE 300	86.3	87.6	90.4	91.7	94.0	94.4	95.3	97.0	97.0	97.4
GE 200	86.3	87.6	90.4	91.9	94.1	94.6	95.7	97.3	97.3	97.8
GE 100	86.3	87.6	90.4	91.9	94.1	94.6	95.7	97.3	97.3	98.1
GE 000	86.3	87.6	90.4	91.9	94.1	94.6	95.7	97.3	97.3	98.1

TOTAL NUMBER OF OBSERVATIONS 930

3 - 2 - 42

A

...OR FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...FROM HOURLY OBSERVATIONS

...TION   PERIOD OF RECORD: JUL 7... - JUN ...
MONTH: MAY HOURS: 15-17

CEILING IN HUNDREDS OF FEET / VISIBILITY IN STATUTE MILES	10	9	8	7	6	5	4	3	2	1	0
22+	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
20	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
18	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
16	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
14	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
12	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
10	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
8	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
7	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
6	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
5	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
22+	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
20	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
18	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
16	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
14	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
12	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
10	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
8	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
7	92.7	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
6	94.8	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
5	96.9	97.0	97.0	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
4	97.2	97.3	97.3	97.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0
3	96.5	96.7	97.3	97.3	98.1	99.0	99.1	99.3	99.9	100.0	100.0
2	96.5	96.7	97.3	97.3	98.1	99.0	99.1	99.3	99.9	100.0	100.0

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THE CEILING AND VISIBILITY
FOR MONTHLY DATA VARIABLES

STATION NUMBER: 723053 STATION NAME: DEAS AAF SC
LST IN UTC: + 5 HOURS: 1

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 5	GE 3	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	34.1	35.3	37.5	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 20000	45.1	46.3	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 15000	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 14000	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 12000	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 10000	50.3	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 9000	54.4	54.7	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 8000	56.2	56.5	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 7000	59.2	61.0	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 6000	62.2	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 5000	64.2	64.4	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 4500	67.4	69.1	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 4000	71.0	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 3500	73.1	73.2	74.0	74.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3000	75.1	77.0	77.3	77.3	78.4	78.4	78.4	78.4	78.4	78.4
GE 2500	77.2	78.0	78.1	80.3	80.5	80.5	80.5	80.5	80.5	80.5
GE 2000	79.2	80.1	80.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6
GE 1800	79.4	80.4	81.4	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1600	79.5	80.5	81.5	82.0	82.4	82.4	82.4	82.5	82.6	82.6
GE 1400	79.6	80.8	81.9	82.6	83.2	83.2	83.2	83.2	83.3	83.3
GE 1200	80.2	81.3	82.6	83.4	83.9	83.9	84.0	84.0	84.0	84.0
GE 1000	82.6	83.0	83.4	84.0	84.4	84.4	84.4	84.6	84.6	84.6
GE 900	84.1	84.6	84.1	84.5	85.2	85.2	85.2	85.4	85.5	85.5
GE 800	84.3	85.4	85.3	85.5	86.3	86.3	86.3	86.5	86.7	86.7
GE 700	86.3	86.4	86.3	87.1	87.7	87.7	87.7	88.0	88.1	88.1
GE 600	88.4	89.2	89.4	89.5	89.5	89.5	89.5	89.7	89.8	89.8
GE 500	88.5	89.4	89.6	89.8	90.1	90.1	90.2	90.4	90.5	90.5
GE 400	88.7	89.5	89.6	89.8	91.1	91.3	91.6	92.0	92.4	92.5
GE 300	88.7	89.6	89.6	89.8	90.3	91.7	92.2	93.6	93.7	94.0
GE 200	88.7	89.6	89.6	89.8	90.3	91.8	92.4	93.8	94.2	94.6
GE 100	88.7	89.6	89.6	89.8	90.3	91.8	92.4	93.8	94.2	94.6
GE 000	88.7	89.6	89.8	90.3	91.8	92.4	92.9	94.2	94.6	95.3

TOTAL NUMBER OF OBSERVATIONS 430

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A

...FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...FROM HOURLY OBSERVATIONS

...

PERIOD OF RECORD: JUL 7[illegible] - JUL 7[illegible]
MONTH: MAY HOURS: 18-20

CEILING IN STATUTE MILES										
[illegible]	[illegible]	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible]	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
[illegible]	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
[illegible]	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "AW"
JOARETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILI
FROM MONTHLY OBSERVATIONS

STATION NUMBER: 726055 STATION NAME: PEASE AFB NH
LST IS UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	45.2	45.5	46.9	47.0	47.3	47.3	47.3	47.3	47.3	47.3
GE 20000	50.1	50.4	51.0	51.1	51.4	51.4	51.4	51.4	51.4	51.4
GE 15000	50.5	50.9	51.4	51.5	51.8	51.8	51.8	51.8	51.8	51.8
GE 10000	50.5	51.0	51.5	51.6	51.9	51.9	51.9	51.9	51.9	51.9
GE 14300	52.1	51.2	51.7	51.8	52.2	52.2	52.2	52.2	52.2	52.2
GE 12000	51.0	52.4	52.9	53.0	53.3	53.3	53.3	53.3	53.3	53.3
GE 10000	55.1	55.5	56.7	56.8	57.1	57.1	57.1	57.1	57.1	57.1
GE 9000	55.1	55.5	57.2	57.4	57.7	57.7	57.7	57.7	57.7	57.7
GE 8000	51.2	51.6	52.3	52.5	52.9	52.9	52.9	52.9	52.9	52.9
GE 7000	53.3	53.7	53.7	54.1	54.4	54.4	54.4	54.4	54.4	54.4
GE 6000	54.4	54.9	55.3	55.7	56.0	56.0	56.0	56.0	56.0	56.0
GE 5000	57.3	57.7	58.1	58.4	58.7	58.7	58.7	58.7	58.7	58.7
GE 4500	69.7	70.2	71.0	71.3	71.8	71.8	71.8	71.8	71.8	71.8
GE 4000	72.2	72.6	73.5	74.1	74.4	74.4	74.4	74.4	74.4	74.4
GE 3500	74.3	75.5	76.5	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3000	75.9	76.3	77.4	78.1	78.5	78.5	78.5	78.5	78.5	78.5
GE 2500	77.3	77.7	78.7	79.4	80.1	80.1	80.1	80.2	80.3	80.3
GE 2000	77.5	78.3	79.2	79.9	80.9	80.9	81.1	81.1	81.1	81.1
GE 1800	77.5	78.3	79.2	79.9	80.9	80.9	81.1	81.1	81.1	81.1
GE 1600	77.5	78.4	79.4	80.2	81.2	81.2	81.4	81.4	81.4	81.4
GE 1200	77.7	78.4	79.4	81.0	82.2	82.2	82.4	82.4	82.4	82.4
GE 1000	77.7	78.4	79.4	81.3	82.5	82.5	82.7	82.7	82.7	82.7
GE 900	78.2	78.9	79.9	81.7	82.9	83.0	83.2	83.2	83.2	83.2
GE 800	78.7	79.4	81.7	82.9	84.1	84.2	84.2	84.4	84.4	84.4
GE 700	79.5	80.6	82.6	84.5	85.2	85.3	85.3	85.5	85.5	85.5
GE 600	80.2	81.5	83.9	86.4	86.9	87.0	87.2	87.2	87.2	87.2
GE 500	80.2	81.5	83.9	86.5	87.3	87.4	87.5	87.6	87.7	87.7
GE 400	80.4	82.2	84.7	87.0	88.5	89.0	89.4	89.6	89.6	89.6
GE 300	80.4	82.2	85.1	87.3	89.3	90.2	91.5	92.4	92.5	93.1
GE 200	80.4	82.2	85.3	87.7	90.2	90.2	92.0	93.4	94.3	94.9
GE 100	80.4	82.2	85.3	87.7	90.2	90.3	92.0	93.5	94.7	95.3
GE 000	80.4	82.2	85.3	87.7	90.2	90.3	92.0	93.5	94.7	95.3

TOTAL NUMBER OF OBSERVATIONS 930

...T FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...ON HOURLY OBSERVATIONS

...N   PERIOD OF RECORD: JUL 7... - JU... ..
MONTH: MAY HOURS: 21-23

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES									
	1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
	89.3	89.5	89.5	89.5	89.9	89.9	89.9	89.9	89.9	89.9	90.0
	91.5	92.4	92.5	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.4
	93.0	93.4	94.3	94.9	95.3	95.2	95.4	97.0	97.5	98.0	98.0
	93.0	93.5	94.5	95.3	96.1	95.7	97.4	98.0	98.3	99.3	99.3
	93.0	93.5	94.5	95.3	96.1	95.7	97.4	98.0	98.3	99.3	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible]
[illegible] HOURLY OBSERVATIONS

STATION NUMBER: 723075 STATION NAME: [illegible]
LST TO GMT: +5

UNITS:

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	≥7	≥5	≥3	≥2	≥1 1/2	≥1	≥7/8	≥1/2	≥1/4	0
≥ CEIL	43.8	43.8	44.0	44.1	44.4	44.4	44.4	44.5	44.5	44.5
≥ 20000	49.2	49.3	50.4	50.5	50.9	50.9	51.0	51.0	51.0	51.0
≥ 15000	50.2	50.7	51.1	51.3	51.6	51.6	51.7	51.7	51.7	51.7
≥ 10000	50.3	50.7	51.2	51.3	51.6	51.7	51.7	51.8	51.8	51.8
≥ 9000	50.7	51.1	51.6	51.7	52.1	52.1	52.2	52.2	52.2	52.2
≥ 8000	52.4	52.8	53.4	53.5	53.9	53.9	53.9	53.9	54.0	54.0
≥ 7000	56.1	56.5	57.1	57.2	57.6	57.6	57.7	57.7	57.7	57.7
≥ 6000	56.7	57.3	57.7	57.9	58.3	58.3	58.4	58.4	58.4	58.4
≥ 5000	61.0	61.4	62.1	62.3	62.7	62.7	62.8	62.8	62.8	62.8
≥ 4500	62.2	63.1	63.7	63.9	64.3	64.4	64.4	64.5	64.5	64.5
≥ 4000	63.1	64.4	65.0	65.2	65.6	65.6	65.7	65.7	65.8	65.8
≥ 3500	65.7	67.3	67.7	67.9	68.3	68.3	68.4	68.4	68.5	68.5
≥ 3000	68.7	71.4	72.1	72.4	73.0	73.0	73.1	73.1	73.2	73.2
≥ 2500	71.2	72.7	73.4	73.9	74.4	74.4	74.7	74.8	74.9	74.9
≥ 2200	73.5	74.3	75.2	75.6	76.1	76.2	76.3	76.3	76.5	76.5
≥ 2000	75.2	76.1	77.1	77.6	78.1	78.2	78.4	78.4	78.6	78.6
≥ 1800	76.2	77.1	78.1	78.7	79.2	79.3	79.4	79.5	79.7	79.7
≥ 1600	76.6	77.7	78.9	79.5	80.1	80.2	80.3	80.4	80.6	80.6
≥ 1400	77.3	78.5	79.8	80.4	80.9	81.0	81.1	81.2	81.3	81.3
≥ 1200	77.4	78.9	80.3	81.0	81.7	81.8	81.9	82.1	82.1	82.1
≥ 1000	78.6	79.7	81.1	81.9	82.6	82.9	83.0	83.1	83.2	83.2
≥ 900	79.0	80.2	81.7	82.5	83.5	83.8	83.9	84.0	84.2	84.2
≥ 800	79.4	80.9	82.7	83.6	84.7	84.9	85.0	85.1	85.1	85.2
≥ 700	80.1	81.5	83.2	84.6	85.8	86.0	86.1	86.3	86.4	86.4
≥ 600	80.7	82.3	84.2	85.2	87.3	87.6	87.7	88.0	88.0	88.1
≥ 500	81.0	82.7	85.1	86.3	88.5	89.0	89.2	89.5	89.7	89.8
≥ 400	81.1	83.0	85.7	87.4	89.4	90.0	90.2	91.4	91.6	91.7
≥ 300	81.1	83.0	85.9	87.8	90.5	91.4	92.6	93.7	94.2	94.7
≥ 200	81.1	83.0	85.9	88.1	90.8	91.7	92.9	94.5	95.1	95.1
≥ 100	81.1	83.0	85.9	88.1	90.8	91.7	92.9	94.5	95.2	96.3
≥ 000	81.1	83.0	85.9	88.1	90.8	91.7	92.9	94.5	95.2	96.3

TOTAL NUMBER OF OBSERVATIONS 7440

A

...FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...ALL HOURLY OBSERVATIONS

...PERIOD OF RECORD: JUL 73 - JUL ...
APRIL: ALL HOURS: ALL

CEILING IN STATUTE MILES										
1/2	5/8	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
...4	...4	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.7
...7	...1	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.2
...7	...7	51.7	51.7	51.7	51.7	51.	51.	51.	51.	51.9
...7	...7	51.7	51.	51.	51.8	51.8	51.	51.	51.	51.9
...1	...1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3
...3	...3	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1
...7	...7	57.7	57.7	57.7	57.	57.	57.	57.	57.	57.9
...3	...3	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5
...7	...7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1
...4	...4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.6
...7	...7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.9
...7	...7	...7	...7	...7	...7	...7	...7	...7	...7	...7
...3	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3

OPERATING LOCATION "A"
USAFFTAC, [illegible] AFB

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY

STATION TYPE: [illegible]
LST TIME: + 5

CEILING (FT)	VISIBILITY (STATUTE MILES)									
3 OVC	75.7	71.3	67.4	64.7	64.3	64.7	[illegible]	[illegible]	[illegible]	[illegible]
2½ [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2½ 1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2½ 1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2½ 1[illegible]	55.3	[illegible]	[illegible]	38.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2½ 1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2½ 1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2½ [

...QUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...FROM HOURLY OBSERVATIONS

...PERIOD OF RECORD: JUL 79 - JUN ...
MONTH: JUN HOURS: 20-22

CEILING IN STATUTE MILES										
	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3
	...7	...4	55.0	55.3	55.3	55.1	55.1	55.1	55.1	55.2
	...3	50.4	50.4	50.8	50.8	51.0	51.0	51.0	51.0	51.3
	...5	50.7	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.5
	...3	50.7	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.5
	...7	50.8	51.3	51.3	51.3	51.4	51.4	51.6	51.6	51.8
	1.4	51.7	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.5
	...2	54.1	54.5	54.5	54.5	54.7	54.7	54.7	54.8	55.1
	...1	...3	55.7	55.7	55.7	55.9	55.9	55.9	55.9	56.2
	...4	...0	70.0	70.0	70.0	70.1	70.1	70.2	70.2	70.4
	...	71.0	71.4	71.5	71.4	71.5	71.5	71.6	71.7	72.3
	71.0	71.4	71.7	71.7	71.7	72.0	72.0	72.1	72.1	72.4
	...6	...1	73.7	73.7	73.7	73.8	73.9	73.9	73.9	74.2
	...3	75.1	75.4	75.4	75.4	75.5	75.5	75.6	75.7	76.3
	...7	76.8	77.3	77.3	77.3	77.4	77.4	77.4	77.5	78.2
	77.7	77.9	78.3	78.3	78.3	78.4	78.4	78.4	78.5	79.2
	...6	77.8	78.4	78.4	78.4	78.5	78.5	78.7	78.7	80.3
	78.3	78.5	80.0	80.0	80.0	80.1	80.1	80.1	80.2	80.7
	...4	81.7	81.1	81.1	81.1	81.2	81.2	81.3	81.3	82.0
	...7	81.9	81.3	81.3	81.3	81.4	81.4	81.4	81.5	82.2
	1.9	82.7	82.1	82.1	82.1	82.2	82.2	82.3	82.3	83.0
	...4	83.7	83.3	83.3	83.2	83.3	83.3	83.4	83.4	84.1
	...3	84.6	84.1	84.1	84.1	84.2	84.2	84.2	84.3	85.0
	...7	84.9	84.4	84.4	84.4	84.5	84.5	84.7	84.7	85.3
	...6	85.6	85.7	85.7	85.7	85.9	85.9	85.9	85.9	86.7
	...9	86.1	86.7	86.7	86.7	86.9	86.9	87.0	87.0	87.6
	...9	87.1	87.4	87.4	87.4	87.5	87.5	87.6	87.6	88.7
	87.	88.1	88.4	88.4	88.4	88.5	88.5	88.6	88.6	89.7
	...8	89.7	90.0	90.0	91.0	91.2	91.2	91.3	91.4	92.2
	93.4	91.6	93.2	93.4	93.8	94.0	94.0	94.4	94.5	95.3
	91.0	92.1	94.1	94.6	95.1	95.6	95.6	96.2	96.3	98.2
	91.0	92.1	94.1	94.7	95.2	95.9	95.9	96.9	97.3	97.7	99.3
	91.0	92.1	94.1	94.7	95.2	95.9	95.9	96.9	97.3	97.7	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CI
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 723055 — STATION NAME: PEASE AFB NH — PERIOD:
LST IS UTC: + 5 — MONTH:

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	42.8	43.3	44.1	45.0	47.9	48.0	48.7	49.0	49.0	49.1
GE 20000	47.1	47.0	48.1	51.0	53.8	53.9	54.7	55.3	55.2	55.2
GE 18000	47.2	47.2	48.3	51.1	54.1	54.2	55.0	55.3	55.5	55.6
GE 15000	47.4	47.3	48.4	51.2	54.2	54.3	55.1	55.4	55.7	55.7
GE 14000	47.7	47.6	48.7	52.1	54.4	54.5	55.4	55.7	55.8	55.9
GE 12000	49.3	49.2	51.0	53.1	55.1	55.2	57.1	57.5	57.	57.7
GE 10000	52.9	54.1	55.4	57.9	59.8	60.4	61.2	61.	61.3	61.5
GE 9000	53.3	54.5	55.8	58.3	60.2	61.0	61.7	62.1	62.3	62.5
GE 8000	56.7	57.9	59.6	62.1	64.3	65.1	66.0	67.1	67.3	67.4
GE 7000	57.2	58.4	61.1	63.5	66.4	67.2	68.2	69.2	69.3	69.4
GE 6000	59.1	60.3	62.1	64.4	67.4	67.9	69.2	69.5	70.5	70.1
GE 5000	61.2	62.6	64.3	67.1	70.1	70.4	72.3	72.6	72.7	72.8
GE 4500	62.2	63.8	65.7	68.5	71.5	71.9	73.6	74.2	74.3	74.7
GE 4000	63.2	64.8	67.2	70.1	73.2	73.7	75.3	76.3	76.5	76.6
GE 3500	64.3	65.9	67.6	70.7	74.1	74.2	75.4	76.4	76.9	77.
GE 3000	65.1	66.9	68.7	71.7	74.5	75.3	77.3	77.7	78.3	78.1
GE 2500	66.2	67.4	69.5	72.7	75.7	76.3	78.1	78.7	79.1	79.3
GE 2000	66.3	68.0	70.1	73.3	76.5	77.1	79.1	79.4	79.9	80.
GE 1800	66.3	68.0	70.1	73.3	76.5	77.1	79.2	79.4	79.9	80.1
GE 1500	66.7	68.3	70.4	73.3	77.2	77.2	79.6	80.1	80.5	80.7
GE 1200	67.7	69.3	71.4	75.0	78.4	79.0	81.0	81.4	81.9	82.1
GE 1000	68.4	70.2	72.3	76.0	79.4	80.0	81.8	82.4	82.9	83.
GE 900	68.7	70.4	72.7	76.4	80.0	80.7	82.6	83.1	83.5	83.7
GE 800	69.1	72.0	73.4	77.2	81.3	82.0	83.9	84.5	85.0	85.1
GE 700	69.2	71.0	73.7	77.6	82.0	82.9	84.9	85.7	86.1	86.3
GE 600	69.2	71.1	74.4	78.4	83.3	84.2	86.2	87.1	87.6	87.7
GE 500	69.3	71.2	74.9	79.0	84.6	85.5	87.7	88.5	89.2	89.3
GE 400	69.3	71.2	75.1	80.0	85.6	86.5	88.8	89.6	90.4	91.2
GE 300	69.4	71.4	75.6	80.8	86.8	87.9	90.2	91.7	92.4	93.7
GE 200	69.4	71.4	75.7	81.0	87.0	88.1	90.7	92.7	93.4	95.1
GE 100	69.4	71.4	75.7	81.0	87.0	88.1	90.7	92.7	93.4	95.1
GE 000	69.4	71.4	75.7	81.0	87.0	88.1	90.7	92.7	93.4	95.1

TOTAL NUMBER OF OBSERVATIONS 900

0 - 2 - 47

A

...F FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...FROM HOURLY OBSERVATIONS

...TION ... PERIOD OF RECORD: JUL 7? - JUN ??
MONTH: JUN HOURS: 03-05

CEILING IN HUNDREDS OF FEET

...	...	3+	2+	2	1+	1	3/4	5/8	1/2	4/8	1/4	0
...	44.7	45.2	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.1
...	54.7	55.3	55.2	55.2	55.2	55.2	55.3	55.4	55.4	55.4	55.5	
...	53.3	53.3	55.5	55.6	55.6	55.6	55.7	55.8	55.8	55.8	55.9	
...	55.1	55.4	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	56.0	
...	55.4	55.2	55.9	55.9	55.9	55.9	56.1	56.2	56.2	56.2	56.3	
...	57.1	57.5	57.6	57.7	57.7	57.7	57.9	58.0	58.0	58.0	58.1	
...	51.8	51.7	52.0	52.0	52.0	52.0	52.1	52.2	52.2	52.2	52.3	
...	51.7	52.3	52.5	52.5	52.5	52.5	52.7	52.8	52.8	52.8	52.9	
...	57.0	57.1	57.3	57.4	57.4	57.4	57.7	57.8	57.8	57.8	57.9	
...	59.2	59.4	59.9	60.1	60.1	60.1	60.3	60.4	60.4	60.4	60.6	
...	69.2	69.9	70.0	70.1	70.1	70.1	70.3	70.4	70.4	70.4	70.6	
...	72.7	72.9	72.9	72.9	72.9	72.9	73.1	73.2	73.2	73.2	73.3	
...	73.9	74.2	74.5	74.7	74.7	74.7	74.9	75.0	75.0	75.0	75.1	
...	75.3	75.8	76.0	76.4	76.5	76.6	76.8	76.9	76.9	76.9	77.0	
...	75.4	75.6	75.9	77.0	77.1	77.1	77.3	77.4	77.4	77.4	77.7	
...	77.0	77.7	78.0	78.1	78.2	78.2	78.4	78.5	78.5	78.5	78.6	
...	77.7	77.7	78.1	78.2	78.3	78.3	78.5	78.7	78.7	78.7	78.9	
...	78.1	78.4	78.9	80.0	80.1	80.1	80.3	80.4	80.4	80.4	80.7	
...	78.4	78.4	78.9	80.0	80.1	80.1	80.3	80.4	80.4	80.4	80.7	
...	78.6	79.1	80.5	80.7	80.8	80.8	81.0	81.1	81.1	81.1	81.3	
...	81.4	81.9	82.0	82.1	82.1	82.1	82.3	82.4	82.4	82.4	82.7	
...	82.4	82.9	83.0	83.1	83.1	83.1	83.3	83.4	83.4	83.4	83.7	
...	83.1	83.6	83.7	83.8	83.8	83.8	84.0	84.1	84.1	84.1	84.3	
...	84.3	84.5	85.0	85.1	85.2	85.2	85.4	85.5	85.5	85.5	85.8	
...	86.2	86.7	86.1	86.2	86.3	86.3	86.6	86.7	86.7	86.7	86.9	
...	87.2	87.1	87.6	87.7	87.8	87.8	88.1	88.2	88.2	88.2	88.4	
...	89.7	89.6	89.9	89.8	89.4	89.4	89.5	89.7	89.9	89.9	90.1	
...	90.3	90.5	90.9	91.2	91.4	91.4	91.6	91.9	92.1	92.1	92.4	
...	90.2	91.7	92.4	93.7	94.1	94.1	94.7	94.8	95.0	95.0	95.4	
...	92.7	92.7	93.4	95.1	95.8	95.9	96.2	96.9	97.6	98.2		
...	92.7	92.7	93.4	95.1	95.8	95.9	96.2	96.9	98.1	99.7		
...	92.7	92.7	93.4	95.1	95.8	95.9	96.2	96.9	98.1	100.0		

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CE
USAFETAC, ASHEVILLE NC — FOR HOURLY OBSERVATIONS

STATION NUMBER: 723088 — STATION NAME: PEASE AFB NH — APRIL
LST IN UTC: + 5 — MONTH:

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	44.7	48.9	47.5	47.3	49.3	49.9	50.1	50.2	50.2	51.4
GE 20000	48.4	53.0	52.7	53.0	54.5	55.4	55.7	55.9	56.1	57.1
GE 18000	49.3	51.2	53.1	54.0	55.1	56.0	56.2	56.6	56.7	57.8
GE 16000	50.1	51.4	53.3	54.2	55.3	56.2	56.4	56.8	56.9	57.9
GE 14000	50.2	51.5	53.4	54.3	55.4	56.3	56.6	56.9	57.0	57.1
GE 12000	52.0	53.4	55.4	56.3	57.4	58.3	58.7	59.0	59.1	59.2
GE 10000	54.7	56.4	58.7	59.7	60.9	61.7	62.1	62.4	62.5	63.7
GE 9000	55.1	57.2	59.0	60.0	61.1	62.3	63.1	63.4	63.5	63.7
GE 8000	59.2	61.3	63.3	64.9	66.1	67.3	67.8	68.1	68.2	68.4
GE 7000	60.0	62.1	64.5	65.7	66.9	68.1	68.6	68.9	69.0	69.2
GE 6000	60.9	63.3	65.9	67.1	68.3	69.4	69.9	70.2	70.3	70.5
GE 5000	62.0	64.7	67.4	69.1	70.4	71.7	72.1	72.4	72.5	72.8
GE 4500	62.6	65.3	68.1	69.9	71.2	72.4	72.9	73.2	73.3	73.5
GE 4000	63.1	65.8	68.7	71.2	72.7	74.0	74.4	74.6	74.7	74.9
GE 3500	64.6	67.3	70.2	72.2	73.7	75.0	75.4	75.6	75.7	75.9
GE 3000	65.7	68.7	71.7	74.0	75.7	77.0	77.4	77.7	77.8	78.0
GE 2500	66.1	69.1	72.1	74.6	76.3	77.7	78.1	78.4	78.5	78.7
GE 2000	66.9	69.9	73.0	75.4	77.3	78.7	79.2	79.5	79.7	79.9
GE 1800	67.2	70.2	73.3	75.8	77.7	79.2	79.6	79.9	80.1	80.3
GE 1500	67.9	70.9	74.0	76.7	78.5	80.0	80.4	80.7	80.9	81.1
GE 1200	68.9	72.0	75.2	78.1	80.0	81.5	82.0	82.4	82.6	82.8
GE 1000	69.3	72.6	75.9	78.9	80.9	82.5	83.1	83.7	84.0	84.2
GE 900	70.1	73.3	76.7	79.9	82.0	83.6	84.4	84.9	85.3	85.7
GE 800	70.2	73.4	77.1	80.4	82.6	84.4	85.4	86.1	86.5	86.9
GE 700	70.2	73.4	77.1	80.5	83.0	84.7	85.8	86.5	86.9	87.4
GE 600	71.0	74.2	78.2	82.0	85.1	87.0	88.1	88.9	89.2	89.7
GE 500	71.3	74.6	78.7	82.7	85.8	87.7	88.7	89.5	90.0	90.5
GE 400	71.4	74.7	79.1	83.3	87.0	89.0	90.3	91.2	91.8	92.3
GE 300	71.4	74.7	79.2	83.5	87.5	89.7	91.4	92.5	93.4	93.9
GE 200	71.4	74.7	79.2	83.6	87.7	90.0	91.8	93.1	94.2	94.8
GE 100	71.4	74.7	79.2	83.6	87.9	90.3	91.9	93.4	94.5	95.2
GE 000	71.4	74.7	79.2	83.6	87.9	90.3	91.9	93.4	94.6	95.3

TOTAL NUMBER OF OBSERVATIONS 300

- 2 - 43

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 06-08

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	50.1	50.3	50.3	50.4	50.4	50.4	50.5	50.5	50.7	50.8
	55.7	55.9	56.1	56.2	56.3	56.3	56.4	56.4	56.5	56.7
	56.2	56.6	56.7	56.8	56.9	56.9	57.0	57.0	57.1	57.2
	56.4	56.6	56.9	57.0	57.1	57.1	57.2	57.2	57.3	57.4
	56.5	56.9	57.0	57.1	57.2	57.2	57.3	57.3	57.4	57.5
	58.7	59.0	59.1	59.2	59.3	59.3	59.4	59.4	59.6	59.7
	62.1	62.4	62.6	62.7	62.8	62.8	62.9	62.9	63.0	63.1
	63.1	63.4	63.6	63.7	63.8	63.8	63.9	63.9	64.0	64.1
	67.9	68.1	68.2	68.4	68.5	68.5	68.7	68.7	68.8	68.9
	68.9	69.2	69.0	69.2	69.3	69.3	69.4	69.4	69.5	69.7
	69.9	70.2	70.3	70.5	70.7	70.7	70.9	70.9	70.9	71.0
	72.1	72.4	72.6	72.8	72.9	72.9	73.0	73.0	73.1	73.2
	73.4	73.2	73.6	73.8	74.0	74.0	74.1	74.1	74.2	74.3
	74.9	74.8	75.1	75.3	75.5	75.5	75.7	75.7	75.8	75.9
	75.4	75.6	75.1	76.3	76.5	76.5	76.7	76.7	76.8	76.9
	77.4	77.6	78.1	78.3	78.5	78.5	78.7	78.7	78.8	78.9
	79.1	79.4	79.6	79.1	79.2	79.3	79.4	79.4	79.6	79.7
	79.2	79.5	79.9	80.2	80.4	80.4	80.5	80.5	80.7	80.8
	79.9	79.9	80.2	80.5	80.8	80.8	80.9	80.9	81.0	81.1
	82.6	82.8	81.1	81.4	81.7	81.7	81.8	81.8	81.9	82.0
	82.9	82.4	82.6	83.1	83.3	83.3	83.4	83.4	83.6	83.7
	83.1	83.7	84.0	84.2	84.5	84.6	84.7	84.7	84.9	84.9
	84.4	85.0	85.3	85.7	85.9	85.9	86.0	86.0	86.1	86.2
	86.4	86.6	86.8	86.7	86.9	86.9	87.0	87.0	87.1	87.2
	86.6	86.8	86.1	87.1	87.3	87.3	87.4	87.4	87.5	87.7
	89.1	89.3	89.2	89.7	89.9	89.9	90.0	90.0	90.1	90.2
	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.2
	92.8	93.1	93.3	93.0	93.4	93.4	93.7	93.8	93.9	94.0
	96.4	96.6	96.8	96.4	96.1	96.3	96.3	96.9	97.1	97.2
	98.2	98.0	98.1	98.2	98.0	98.2	98.2	98.4	98.2	98.0
	98.6	98.8	98.0	98.2	98.1	98.3	98.4	98.0	98.4	98.9
	98.6	98.8	98.0	98.2	98.1	98.3	98.4	98.0	98.6	100.0

OPERATING LOCATION "WAW" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 723088 — STATION NAME: PEASE AFB NH — YEARS: 4
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	45.4	45.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 20000	53.0	54.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 18000	53.3	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 16000	53.3	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 14000	53.5	55.4	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 12000	55.1	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 10000	50.9	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 9000	50.9	51.7	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 8000	50.9	54.5	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 7000	52.7	55.1	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 6000	53.3	55.7	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 5000	54.1	55.5	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.
GE 4500	55.1	56.2	58.1	58.4	70.0	70.0	70.1	70.1	70.3	70.3
GE 4000	64.4	71.0	72.2	72.2	73.4	73.5	73.7	73.7	74.0	74.
GE 3500	69.7	72.3	73.0	74.4	75.3	75.5	75.5	75.5	75.7	75.7
GE 3000	71.4	74.2	75.9	77.0	77.7	78.0	78.4	78.4	78.5	78.5
GE 2500	72.1	74.9	76.6	77.7	78.4	78.8	79.2	79.2	79.4	79.
GE 2000	72.7	75.6	77.2	78.3	79.1	79.6	80.0	80.1	80.7	80.7
GE 1800	73.1	75.9	77.7	78.8	79.5	80.0	80.4	80.5	81.1	81.1
GE 1600	73.4	76.7	78.6	79.7	80.4	80.9	81.4	81.7	82.2	82.2
GE 1400	75.6	78.4	80.4	81.6	82.3	82.9	83.2	83.4	83.5	83.5
GE 1200	76.3	79.4	81.4	82.6	83.4	84.2	84.6	84.8	85.0	85.1
GE 1000	76.4	80.2	82.2	83.6	84.6	85.3	86.1	86.4	87.0	87.2
GE 900	77.4	81.0	83.0	84.4	85.7	86.4	87.4	87.6	88.3	88.4
GE 800	77.1	81.3	84.2	86.0	87.7	88.9	89.5	89.8	90.2	90.3
GE 700	78.9	82.7	85.3	87.3	90.0	91.1	92.1	92.4	93.3	93.4
GE 600	79.0	82.9	85.6	87.7	90.4	91.7	93.4	94.2	95.0	95.1
GE 500	79.0	83.0	85.9	88.2	91.3	92.9	94.5	95.3	96.7	97.2
GE 400	79.0	83.1	86.0	88.3	91.6	93.2	95.7	97.2	98.1	98.4
GE 300	79.0	83.1	86.0	88.3	91.6	93.2	95.7	97.3	98.2	98.5
GE 200	79.0	83.1	86.0	88.3	91.6	93.2	95.7	97.3	98.2	98.5
GE 100	79.0	83.1	86.0	88.3	91.6	93.2	95.7	97.3	98.2	98.5

TOTAL NUMBER OF OBSERVATIONS 200

1 - 2 - 43

...FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...FOR HOURLY OBSERVATIONS

...NS   PERIOD OF RECORD: JUL 74 - JUN ..
MONTH: JUN HOURS: 09-11

CEILING IN HUNDREDS OF FEET

VIS	3+	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
1/2													
	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
7.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
	67.2	67.2	67.3	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5
	70.1	70.1	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
	73.7	73.7	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
	76.4	76.4	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
	77.2	77.2	77.5	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
	79.0	79.1	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
	80.4	80.5	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
	81.4	81.7	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
	84.2	84.2	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
	85.1	85.4	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
	86.1	86.4	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
	87.4	87.7	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
	89.2	89.2	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
1.1	92.1	92.3	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1.7	94.4	94.2	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
	96.6	96.9	96.6	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
	98.7	97.2	98.1	98.6	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
	98.7	97.3	98.2	99.0	99.3	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8
	98.7	97.3	98.2	99.0	99.3	99.4	99.4	99.8	99.8	99.8	99.8	100.0	100.0
	98.7	97.3	98.2	99.0	99.3	99.4	99.4	99.8	99.8	99.8	99.8	100.0	100.0

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723059 STATION NAME: PEASE AFB NH
SITE ID UTC: + 5

PERIOD: 1

CEILING IN FEET	VISIBILITY IN STATUTE MILES: M	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL		46.3	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 20000		56.4	56.3	56.4	56.5	56.6	56.5	56.5	56.5	56.6	56.6
GE 18000		56.5	56.4	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 16000		56.5	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 14000		56.9	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 12000		59.2	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 10000		61.6	61.7	61.9	62.0	62.2	62.2	62.2	62.2	62.2	62.2
GE 9000		61.6	62.7	62.9	63.0	63.2	63.2	63.2	63.2	63.2	63.2
GE 8000		66.3	67.0	67.4	67.6	67.8	67.8	67.8	67.8	67.8	67.8
GE 7000		66.3	67.7	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4
GE 6000		67.1	68.2	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0
GE 5000		70.6	70.8	70.9	70.7	70.9	70.9	70.9	70.9	70.9	70.9
GE 4500		72.1	72.3	72.8	73.1	73.3	73.3	73.3	73.3	73.3	73.3
GE 4000		74.1	75.4	76.3	76.7	77.0	77.0	77.0	77.0	77.0	77.0
GE 3500		75.6	77.3	78.2	78.7	79.1	79.1	79.1	79.1	79.1	79.1
GE 3000		78.0	79.7	80.7	81.3	82.1	82.1	82.2	82.2	82.3	82.3
GE 2500		79.0	80.7	81.7	82.5	83.3	83.3	83.4	83.4	83.4	83.4
GE 2000		80.4	82.1	83.1	84.0	84.8	84.8	84.9	84.9	84.9	84.9
GE 1800		80.8	82.5	83.2	84.1	84.9	84.9	85.0	85.0	85.1	85.1
GE 1500		81.9	83.5	84.5	85.4	86.2	86.2	86.3	86.3	86.4	86.4
GE 1200		83.4	85.1	86.3	87.4	88.2	88.2	88.3	88.3	88.4	88.4
GE 1000		84.9	86.6	87.9	89.1	89.9	89.9	90.0	90.0	90.1	90.1
GE 900		85.0	86.7	88.3	89.5	90.4	90.5	91.1	91.2	91.4	91.4
GE 800		85.6	87.2	88.9	90.3	91.7	92.0	92.7	92.8	92.9	92.9
GE 700		86.4	88.2	89.8	91.2	93.0	93.2	94.0	94.2	94.4	94.5
GE 600		86.7	88.4	90.2	92.4	94.3	94.7	95.6	95.9	96.1	96.1
GE 500		86.7	88.5	91.0	93.0	95.1	95.5	96.7	97.0	97.4	97.4
GE 400		86.9	88.8	91.2	93.2	95.5	96.7	97.6	98.3	98.5	98.5
GE 300		86.9	88.8	91.2	93.2	95.5	96.9	97.7	98.6	99.1	99.2
GE 200		86.9	88.8	91.2	93.2	95.5	96.9	97.7	98.7	99.2	99.5
GE 100		86.9	88.8	91.2	93.2	95.5	96.9	97.7	98.7	99.2	99.5
GE 000		86.9	88.8	91.2	93.2	95.5	96.9	97.7	98.7	99.2	99.5

TOTAL NUMBER OF OBSERVATIONS 900

1 - 2 - 50

A

E FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 12-14

VISIBILITY IN STATUTE MILES

1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5
46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0

1 - 2 - 89

B

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILI
USAFETAC, ASHEVILLE NC — FROM MONTHLY OBSERVATIONS

STATION NUMBER: 723065 — STATION NAME: PEASE AFB, NH — PERIO
LST IS UTC + 5 — YEARS: 19

CEILING IN FEET	VISIBILITY IN STATUTE MILES: 7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	44.3	44.3	45.1	45.3	45.3	46.3	47.3	48.3	48.5	48.4
GE 20000	54.3	54.7	55.2	55.4	55.6	56.5	56.6	56.6	56.7	56.7
GE 18000	54.7	55.0	55.3	55.6	55.7	56.7	56.7	56.7	56.7	56.7
GE 16000	54.8	55.1	55.4	55.7	55.8	56.8	56.8	56.8	56.8	56.8
GE 14000	55.3	55.3	55.7	55.9	56.2	56.6	56.8	56.8	56.8	56.1
GE 12000	57.9	58.2	58.5	58.7	59.0	59.3	59.8	59.8	59.8	59.8
GE 10000	60.2	61.0	61.4	61.7	62.2	62.2	62.2	62.2	62.2	62.3
GE 9000	61.2	61.7	62.2	62.7	63.1	63.1	63.1	63.1	63.1	63.2
GE 8000	67.1	67.9	68.5	69.0	69.4	69.4	69.4	69.4	69.4	69.5
GE 7000	67.7	68.4	69.1	69.7	70.2	70.2	70.2	70.2	70.2	70.3
GE 6000	68.7	69.4	70.1	70.7	71.2	71.2	71.2	71.2	71.2	71.3
GE 5000	70.2	71.0	71.7	72.3	72.7	72.9	73.1	73.1	73.1	73.1
GE 4500	72.7	73.4	74.1	74.8	75.3	75.4	75.5	75.5	75.5	75.7
GE 4000	75.1	75.9	76.7	77.3	77.8	77.9	78.0	78.0	78.0	78.2
GE 3500	78.2	79.1	79.9	80.5	80.8	80.7	80.8	80.8	80.8	80.9
GE 3000	79.3	80.7	81.5	82.0	83.0	83.0	84.0	84.0	84.0	84.1
GE 2500	80.9	81.4	82.4	83.0	85.2	85.3	85.4	85.4	85.4	85.
GE 2000	82.7	83.1	83.9	84.4	86.	86.4	86.6	86.1	86.1	86.
GE 1800	83.7	84.1	84.9	85.4	86.7	86.9	87.0	87.1	87.1	87.2
GE 1600	84.1	85.2	86.1	86.6	86.8	87.0	87.1	87.2	87.2	87.3
GE 1200	88.1	88.7	89.4	89.7	89.9	90.2	90.3	90.4	90.4	90.6
GE 1000	88.9	89.7	90.9	91.4	91.8	91.9	92.0	92.1	92.1	92.2
GE 900	89.1	90.0	91.1	91.7	91.8	91.7	91.8	91.9	91.9	92.0
GE 800	89.2	90.0	91.0	91.6	92.0	92.3	92.4	92.7	92.7	92.8
GE 700	90.1	90.9	91.9	92.4	93.0	93.2	93.3	93.4	93.4	93.5
GE 600	90.1	90.9	91.9	92.4	93.2	93.4	93.5	93.6	93.6	93.7
GE 500	90.2	91.4	92.3	92.8	93.4	93.6	93.7	93.8	93.8	93.9
GE 400	90.2	91.6	92.5	93.0	93.7	93.9	94.0	94.1	94.1	94.2
GE 300	90.2	91.6	92.5	93.0	93.7	93.9	94.0	94.1	94.1	94.2
GE 200	90.2	91.6	92.5	93.0	93.7	93.9	94.0	94.1	94.1	94.2
GE 100	90.2	91.6	92.5	93.0	93.7	93.9	94.0	94.1	94.1	94.2
GE 000	90.2	91.6	92.5	93.0	93.7	93.9	94.0	94.1	94.1	94.2

TOTAL NUMBER OF OBSERVATIONS 900

A

...SE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...FROM HOURLY OBSERVATIONS

... PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: JUN HOURS: 15-17

CEILING IN STATUTE MILES										
[illegible]	1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	47.3	46.3	46.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
[illegible]	[illegible]	55.6	56.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	58.2	58.2	58.2	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	62.2	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	70.2	70.2	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
[illegible]	71.2	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY BY OBSERVATIONS

STATION NUMBER: 723065 STATION NAME: [illegible] PERIOD: [illegible]
LST IDENTIFIC: [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 0
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 898

[illegible]

A

...EQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...ON HOURLY OBSERVATIONS

...PERIOD OF RECORD: JUL 73 - JUN ...
...HOURS: 13-20

...ILITY IN STATUTE MILES	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
...4	...4	4 ...4	...4	...4	4...4	...4	4...4	4...4	4...4	4...4
...7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
...	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3
...	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3
...	...2	...2	...5	...2	...0	...3	...3	...3	...3	...5
...5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
...	...1	...1	...3	...3	...3	...3	...3	...3	...3	...3
...	...7	...7	...3	...3	...3	...3	...3	...3	...3	...3
...	7...7	7...7	7...7	7...7	7...7	7...7	7...7	7...7	7...7	7...7
...	...2	...2	...3	...3	...3	...3	...3	...3	...3	...3
...	...3	...3	...3	74.1	74.1	74.1	74.1	74.1	74.1	74.1
...	...7	...7	...7	...7	...7	...7	...7	...7	...7	...7
...	...7	...7	...7	...7	...7	...7	...7	...7	...7	...7
...	...7	...7	...7	...7	...7	...7	...7	...7	...7	...7
...	...1	...1	...1	...1	...1	...1	...1	...1	...1	...1
...	...2	...2	...3	...3	...3	...3	...3	...3	...3	...3
...	...3	...3	...3	...3	...3	...3	...3	...3	...3	...3
...	...5

OPERATING LOCATION: WAW
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CE
FROM JANUARY TO DECEMBER

STATION NUMBER: 72306

STATION NAME: PEASE AFB NH

EST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES										
	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	71.6	73.0	74.2	75.2	75.9	76.1	76.2	76.3	76.4	76.5
20000	77.2	78.7	79.8	80.3	80.8	80.9	81.0	81.1	81.2	81.3
15000	78.2	79.7	80.8	81.3	81.8	82.0	82.1	82.2	82.3	82.4
10000	80.2	81.7	82.8	83.3	83.8	84.0	84.1	84.2	84.3	84.4
9000	80.4	81.9	83.0	83.5	84.0	84.2	84.3	84.4	84.5	84.6
8000	80.7	82.2	83.3	83.8	84.3	84.5	84.6	84.7	84.8	84.9
7000	81.2	82.7	83.8	84.3	84.8	85.0	85.1	85.2	85.3	85.4
6000	82.0	83.5	84.6	85.1	85.6	85.8	85.9	86.0	86.1	86.2
5000	83.4	85.1	86.2	86.7	87.2	87.4	87.5	87.6	87.7	87.8
4500	84.4	86.1	87.2	87.7	88.2	88.4	88.5	88.6	88.7	88.8
4000	85.4	87.1	88.2	88.7	89.2	89.4	89.5	89.6	89.7	89.8
3500	86.4	88.1	89.2	89.7	90.2	90.4	90.5	90.6	90.7	90.8
3000	87.4	89.1	90.2	90.7	91.2	91.4	91.5	91.6	91.7	91.8
2500	88.3	90.0	91.1	91.6	92.1	92.3	92.4	92.5	92.6	92.7
2000	89.3	91.0	92.1	92.6	93.1	93.3	93.4	93.5	93.6	93.7
1800	89.8	91.5	92.6	93.1	93.6	93.8	93.9	94.0	94.1	94.2
1600	90.3	92.0	93.1	93.6	94.1	94.3	94.4	94.5	94.6	94.7
1400	90.8	92.5	93.6	94.1	94.6	94.8	94.9	95.0	95.1	95.2
1200	91.3	93.0	94.1	94.6	95.1	95.3	95.4	95.5	95.6	95.7
1000	91.8	93.5	94.6	95.1	95.6	95.8	95.9	96.0	96.1	96.2
900	92.0	93.7	94.8	95.3	95.8	96.0	96.1	96.2	96.3	96.4
800	92.3	94.0	95.1	95.6	96.1	96.3	96.4	96.5	96.6	96.7
700	92.6	94.3	95.4	95.9	96.4	96.6	96.7	96.8	96.9	97.0
600	92.9	94.6	95.7	96.2	96.7	96.9	97.0	97.1	97.2	97.3
500	93.1	94.8	95.9	96.4	96.9	97.1	97.2	97.3	97.4	97.5
400	93.3	95.0	96.1	96.6	97.1	97.3	97.4	97.5	97.6	97.7
300	93.4	95.1	96.2	96.7	97.2	97.4	97.5	97.6	97.7	97.8
200	93.5	95.2	96.3	96.8	97.3	97.5	97.6	97.7	97.8	97.9
100	93.6	95.3	96.4	96.9	97.4	97.6	97.7	97.8	97.9	98.0
000	93.6	95.3	96.4	96.9	97.4	97.6	97.7	97.8	97.9	98.0

TOTAL NUMBER OF OBSERVATIONS 897

1 - 2 - 84

...SS FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...FROM AIRWAY OBSERVATIONS

AT ... PERIOD OF RECORD: JUL 7... - JUN ...
MONTH: JUN HOURS: 21-23

VISIBILITY IN STATUTE MILES										
... 1/2	... 2	3... 1 1/2	... 1 1/4	... 1	... 3/4	... 5/8	... 1/2	... 3/8	... 1/4	... 0
...1	...2	...3	...3	...3	...3	...3	...3	...3	...3	...3
...3	...4	...4	...4	...4	...4	...4	...4	...4	...4	...4
...3	...4	...4	...4	...4	...4	...4	...4	...4	...4	...4
...3	...3	...4	...4	...4	...4	...4	...4	...4	...4	...4
...4	...4	...5	...5	...5	...5	...6	...6	...6	...6	...6
...4	...7	...9	...9	...9	...9	...9	...9	...9	...9	...9
...3	...7	...7	...7	...7	...7	...7	...7	...7	...7	...7
...3	...7	...7	...7	...7	...7	...7	...7	...7	...7	...7
...4	...4	...4	...4	...4	...4	...4	...4	...4	...4	...4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72●●●● STATION NAME: PEASE AFB NH
LST TO UTC: + 5

MONTH:

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 5	GE 3	GE 2	GE 1 1/2	GE 1	GE 1/2	GE 1/4	GE 0	
NO CEIL	45.3	47.2	48.1	42.1	49.3	49.5	49.7	49.7	49.7	
GE 20000	53.1	54.2	54.1	55.9	56.2	56.3	57.1	57.1	57.2	
GE 15000	52.3	53.4	53.3	56.1	56.2	57.2	57.3	57.4	57.4	
GE 10000	52.4	54.5	55.4	56.2	56.3	57.1	57.2	57.4	57.4	
GE 14000	53.7	54.8	55.7	56.5	57.2	57.4	57.9	57.2	57.2	
GE 12000	53.5	54.7	57.3	58.4	59.1	59.3	59.5	59.7	59.7	
GE 10000	54.7	56.9	61.1	62.3	62.7	63.3	63.5	63.4	63.4	
GE 9000	55.2	57.5	61.3	62.7	63.3	63.7	63.9	64.1	64.1	
GE 8000	55.2	56.7	60.1	61.1	61.7	62.3	62.5	62.7	62.7	
GE 7000	54.2	55.7	59.2	60.2	60.8	61.4	61.7	62.0	62.2	
GE 6000	56.1	57.5	61.2	62.3	63.1	63.6	63.9	64.2	64.3	
GE 5000	66.9	68.5	70.2	71.3	72.3	72.8	73.1	73.3	73.3	
GE 4500	67.3	69.2	72.3	73.2	74.2	74.7	75.1	75.4	75.4	
GE 4000	70.4	72.1	74.3	75.3	75.5	76.3	77.4	77.7	77.7	
GE 3500	71.7	73.6	75.5	76.9	77.1	77.5	78.9	79.2	79.3	
GE 3000	73.1	75.3	77.1	78.3	79.3	79.4	80.3	81.1	81.3	
GE 2500	73.7	75.5	77.7	79.3	80.	81.3	81.6	82.3	82.4	
GE 2000	74.3	76.2	78.3	80.3	81.3	82.1	82.5	83.1	83.2	
GE 1800	74.7	76.4	78.5	80.2	81.2	82.3	82.8	83.1	83.2	
GE 1600	77.2	77.2	79.3	81.2	82.7	83.2	83.7	84.1	84.3	
GE 1200	76.3	78.4	80.7	82.5	84.2	84.7	85.1	85.7	85.9	
GE 1000	76.3	78.3	81.4	83.3	85.1	85.7	86.1	86.7	86.9	
GE 900	77.4	79.5	82.1	84.1	86.9	86.5	87.3	87.5	87.7	
GE 800	77.7	80.1	82.3	84.9	87.3	87.7	88.4	88.6	88.7	
GE 700	78.2	80.3	83.3	85.5	87.9	88.2	88.9	89.2	89.3	
GE 600	78.5	80.9	84.2	86.3	89.3	90.9	90.7	91.2	91.4	
GE 500	79.5	81.1	84.3	86.9	90.1	91.4	92.4	92.7	92.9	
GE 400	79.7	81.3	84.7	87.4	90.7	91.9	93.1	93.3	94.3	
GE 300	79.7	81.3	84.3	87.8	91.3	92.7	94.2	94.5	95.3	
GE 200	79.7	81.3	84.3	87.7	91.5	92.3	94.4	95.3	96.5	
GE 100	79.7	81.3	84.3	87.7	91.5	92.3	94.4	95.3	97.5	
GE 000	79.7	81.3	84.3	87.7	91.5	92.3	94.4	95.3	97.4	

TOTAL NUMBER OF OBSERVATIONS 7195

FAA FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] SUPPLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUL 7[illegible]
MONTH: JUL HOURS: ALL

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES	10+	10	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0
10+	[illegible]	[illegible]	46.7	47.7	47.7	48.0	48.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
10	[illegible]	[illegible]	57.1	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3
5	[illegible]	[illegible]	57.3	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5
4	[illegible]	[illegible]	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
3	[illegible]	[illegible]	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
2½	[illegible]	[illegible]	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
2	[illegible]	[illegible]	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
1½	[illegible]	[illegible]	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
1¼	[illegible]	[illegible]	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
1	[illegible]	[illegible]	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
¾	[illegible]	[illegible]	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
⅝	[illegible]	[illegible]	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
½	[illegible]	[illegible]	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
⅜	[illegible]	[illegible]	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
¼	[illegible]	[illegible]	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
0	[illegible]	[illegible]	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723055 STATION NAME: ROSS AFB ND
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	49.9	50.6	51.9	53.5	56.0	56.3	56.7	57.1	57.2	57.1
GE 20000	53.3	54.4	57.2	59.3	62.4	62.7	63.1	63.3	63.5	63.4
GE 18000	53.3	54.4	57.2	59.3	62.4	62.7	63.1	63.3	63.5	63.4
GE 16000	53.3	54.4	57.2	59.3	62.4	62.7	63.1	63.3	63.5	63.4
GE 14000	53.3	55.0	57.4	59.7	62.8	63.2	63.5	63.7	63.9	63.7
GE 12000	55.1	57.1	59.3	61.3	64.3	64.6	64.9	65.1	65.3	65.1
GE 10000	57.4	61.0	63.3	65.4	68.3	68.6	69.0	69.2	69.4	69.4
GE 9000	59.3	61.2	63.2	65.3	68.2	68.5	68.8	69.0	69.2	69.2
GE 8000	61.5	64.2	66.2	68.3	71.2	71.5	71.8	72.0	72.2	72.1
GE 7000	62.5	65.1	67.1	69.3	72.2	72.5	72.8	73.0	73.2	73.1
GE 6000	63.7	66.2	68.3	71.1	74.3	74.6	74.9	75.2	75.4	75.4
GE 5000	65.3	67.9	70.3	72.3	75.3	75.7	77.0	77.3	77.5	77.4
GE 4500	66.1	68.7	71.2	74.0	77.0	77.4	77.7	78.0	78.2	78.1
GE 4000	67.6	70.3	72.7	75.0	78.0	78.4	78.7	79.0	79.2	79.1
GE 3500	67.7	70.5	73.1	75.3	78.3	78.8	79.1	79.5	79.7	79.6
GE 3000	69.3	71.9	74.2	77.0	80.0	80.4	81.4	81.9	82.1	82.0
GE 2500	69.7	72.5	75.1	77.1	80.2	80.6	81.1	81.7	81.9	81.8
GE 2000	69.9	72.7	75.3	77.3	80.4	80.8	81.3	81.9	82.1	82.0
GE 1800	69.9	72.7	75.3	77.3	80.4	80.8	81.3	81.9	82.1	82.0
GE 1600	70.0	73.1	75.8	77.8	80.9	81.3	81.8	82.4	82.6	82.5
GE 1200	70.4	73.2	75.9	78.0	81.1	81.7	82.2	82.7	82.9	82.8
GE 1000	70.8	73.8	76.3	78.5	81.8	82.3	82.8	83.4	83.6	83.5
GE 900	70.9	73.9	76.4	78.6	81.9	82.4	82.9	83.5	83.7	83.6
GE 800	71.0	74.0	76.7	79.0	82.3	82.8	83.3	83.9	84.1	84.0
GE 700	71.2	74.4	77.3	79.7	83.0	83.5	84.0	84.6	84.8	84.7
GE 600	71.4	74.5	77.5	81.1	85.5	86.2	86.7	87.3	87.5	87.4
GE 500	71.6	75.1	78.2	81.9	87.0	87.7	88.3	89.0	89.2	89.1
GE 400	72.3	75.7	78.9	82.8	88.1	89.0	89.8	90.8	91.0	91.0
GE 300	72.4	75.9	79.0	82.9	88.5	89.5	90.3	91.2	91.5	92.2
GE 200	72.4	75.9	79.2	83.1	88.7	89.8	90.6	91.5	92.4	93.4
GE 100	72.4	75.9	79.2	83.1	88.7	89.8	90.6	91.5	92.4	93.4
GE 000	72.4	75.9	79.2	83.1	88.7	89.8	90.6	91.5	92.4	93.

TOTAL NUMBER OF OBSERVATIONS 980

9 - 3 - 89

A

...FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

...NA PERIOD OF RECORD: JUL 79 - JUN ...
MONTH: JUL HOURS: 00-02

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES	22+	20	18	16	14	12	10	8	6	4	2	0
10	56.7	57.2	57.2	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	58.0
5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	64.0	64.5
4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	64.0	64.5
3	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	64.0	64.5
2 1/2	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.1	64.7
2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.7	66.3
1 1/2	69.2	69.3	69.3	69.4	69.7	69.7	69.7	69.7	69.8	69.9	70.4	
1 1/4	69.1	69.2	69.2	69.3	69.6	69.6	69.7	69.7	69.8	70.0	70.5	
1	72.1	72.2	72.2	72.3	73.2	73.2	73.2	73.2	73.3	73.5	74.0	
3/4	73.3	73.7	73.7	73.8	74.1	74.1	74.1	74.1	74.2	74.4	74.8	
1/2	74.3	75.3	75.3	75.4	75.7	75.7	75.7	75.7	75.8	76.0	76.5	
0	77.1	77.2	77.3	77.4	77.7	77.7	77.7	77.7	77.8	78.0	78.5	
	77.1	77.2	77.3	77.4	77.7	77.7	77.7	77.7	77.8	78.0	80.1	
	78.4	78.4	78.4	78.5	78.7	78.7	78.7	78.7	78.8	79.0	81.0	
	81.1	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.5	81.7	82.2	
	82.4	82.4	82.4	82.5	82.6	82.6	82.6	82.6	82.7	82.9	83.5	
	84.1	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.5	84.7	85.2	
	84.3	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.7	84.9	85.4	
	84.3	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.7	84.9	85.4	
	84.3	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.7	84.9	85.4	
	84.4	84.5	84.5	84.6	84.7	84.7	84.7	84.7	84.8	85.0	85.5	
	84.4	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.7	84.9	85.4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE FOR ALL [illegible]
[illegible] MONTHLY AND ANNUAL

STATION NUMBER: 723[illegible] STATION NAME: [illegible]
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	≥ 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	41.5	42.9	44.3	46.0	48.3	49.1	49.7	50.1	50.[illegible]	50.[illegible]
GE 20000	44.4	45.8	47.1	50.1	52.7	53.5	54.[illegible]	55.4	55.[illegible]	56.[illegible]
GE 12000	45.3	46.6	47.4	50.4	53.6	54.1	54.[illegible]	55.7	56.1	56.5
GE 10000	45.3	46.9	47.4	50.4	53.1	53.2	54.1	55.[illegible]	55.[illegible]	56.[illegible]
GE 8000	45.5	47.1	47.[illegible]	50.5	53.4	54.[illegible]	55.4	55.1	55.[illegible]	56.[illegible]
GE 7000	47.3	48.[illegible]	50.[illegible]	53.[illegible]	55.2	56.[illegible]	57.1	57.[illegible]	57.[illegible]	57.[illegible]
GE 6000	50.[illegible]	51.[illegible]	54.[illegible]	56.[illegible]	59.[illegible]	60.[illegible]	61.[illegible]	62.[illegible]	62.[illegible]	63.[illegible]
GE 5000	51.[illegible]	52.[illegible]	54.[illegible]	56.[illegible]	59.[illegible]	60.[illegible]	61.[illegible]	62.[illegible]	62.[illegible]	63.[illegible]
GE 4000	53.[illegible]	55.4	57.[illegible]	60.[illegible]	62.7	63.[illegible]	64.[illegible]	65.1	65.[illegible]	66.[illegible]
GE 3500	55.[illegible]	57.4	59.[illegible]	62.[illegible]	65.2	66.[illegible]	67.[illegible]	68.[illegible]	68.[illegible]	69.[illegible]
GE 3000	56.[illegible]	58.[illegible]	61.[illegible]	64.[illegible]	67.1	68.[illegible]	69.7	70.[illegible]	71.1	71.[illegible]
GE 2500	57.[illegible]	59.[illegible]	62.[illegible]	65.[illegible]	68.[illegible]	69.[illegible]	71.[illegible]	72.[illegible]	72.[illegible]	73.[illegible]
GE 2000	59.[illegible]	61.[illegible]	64.[illegible]	67.[illegible]	70.[illegible]	72.[illegible]	73.[illegible]	74.[illegible]	74.[illegible]	75.[illegible]
GE 1800	60.[illegible]	63.1	66.[illegible]	69.[illegible]	73.[illegible]	74.[illegible]	75.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]
GE 1500	62.[illegible]	64.7	67.[illegible]	71.[illegible]	75.[illegible]	76.7	77.7	78.[illegible]	79.[illegible]	79.7
GE 1000	63.4	66.[illegible]	69.7	73.[illegible]	77.[illegible]	78.[illegible]	79.[illegible]	80.1	80.7	81.[illegible]
GE 900	63.[illegible]	66.[illegible]	69.[illegible]	73.[illegible]	77.[illegible]	78.[illegible]	79.[illegible]	80.[illegible]	81.[illegible]	81.[illegible]
GE 800	63.[illegible]	66.[illegible]	69.[illegible]	73.[illegible]	77.[illegible]	78.[illegible]	79.[illegible]	80.[illegible]	81.[illegible]	81.[illegible]
GE 700	63.[illegible]	66.[illegible]	69.[illegible]	73.[illegible]	77.[illegible]	78.[illegible]	79.[illegible]	80.[illegible]	81.[illegible]	81.[illegible]
GE 600	63.[illegible]	66.[illegible]	69.[illegible]	73.[illegible]	77.[illegible]	78.[illegible]	79.[illegible]	80.[illegible]	81.[illegible]	81.[illegible]
GE 500	63.[illegible]	66.[illegible]	69.[illegible]	73.[illegible]	77.[illegible]	78.[illegible]	79.[illegible]	80.[illegible]	81.[illegible]	81.[illegible]
GE 400	63.[illegible]	66.[illegible]	69.[illegible]	73.[illegible]	77.[illegible]	78.[illegible]	79.[illegible]	80.[illegible]	81.[illegible]	81.[illegible]
GE 300	63.[illegible]	66.[illegible]	69.[illegible]	73.[illegible]	77.[illegible]	78.[illegible]	79.[illegible]	80.[illegible]	81.[illegible]	81.[illegible]
GE 200	63.[illegible]	66.[illegible]	69.[illegible]	73.[illegible]	77.[illegible]	78.[illegible]	79.[illegible]	80.[illegible]	81.[illegible]	81.[illegible]
GE 100	63.[illegible]	66.[illegible]	69.[illegible]	73.[illegible]	77.[illegible]	78.[illegible]	79.[illegible]	80.[illegible]	81.[illegible]	81.[illegible]
GE 000	63.[illegible]	66.[illegible]	69.[illegible]	73.[illegible]	77.[illegible]	78.[illegible]	79.[illegible]	80.[illegible]	81.[illegible]	81.[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

[illegible]

A

...FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...FROM HOURLY OBSERVATIONS

... PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: JUL HOURS: 03-05

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES	10+	5	4	3	2½	2	1½	1	¾	½	¼	0
10+	49.7	50.1	50.5	50.5	50.7	50.8	50.9	51.1	51.1	51.4		
5	54.2	55.4	55.7	56.0	56.1	56.1	56.2	56.3	56.5	57.2		
4	54.3	55.7	56.1	56.3	56.5	56.5	56.6	56.8	56.9	57.3		
3	54.1	55.6	56.0	56.2	56.3	56.5	56.7	56.9	57.0	57.5		
2½	54.4	55.1	55.6	56.0	56.2	56.3	56.6	56.7	56.8	57.3		
2	54.1	55.0	55.4	55.9	56.1	56.3	56.5	56.7	56.8	57.3		
1½	53.4	54.6	55.0	55.4	55.6	55.8	56.0	56.2	56.3	56.8		
1	52.1	53.2	53.6	54.0	54.2	54.4	54.6	54.8	54.9	55.4		
¾	51.3	52.4	52.8	53.2	53.4	53.6	53.8	54.0	54.1	54.6		
½	51.0	52.1	52.5	52.9	53.1	53.3	53.5	53.7	53.8	54.4		
¼	50.2	51.1	51.5	51.9	52.1	52.3	52.5	52.7	52.8	53.2		
0	67.7	68.7	69.2	69.7	69.9	70.2	70.4	70.6	70.7	70.6		
	70.7	71.8	72.3	72.7	72.9	73.1	73.3	73.5	73.6	74.2		
	71.4	72.5	73.0	73.4	73.6	73.8	74.0	74.2	74.3	74.7		
	72.1	73.2	73.7	74.1	74.3	74.5	74.7	74.9	75.0	75.5		
	72.3	73.4	73.9	74.3	74.5	74.7	74.9	75.1	75.2	75.7		
	73.3	74.4	74.9	75.3	75.5	75.7	75.9	76.1	76.2	76.7		
	77.7	78.8	79.2	79.7	79.9	80.1	80.3	80.5	80.6	81.1		
	77.1	78.2	78.7	79.1	79.3	79.5	79.7	79.9	80.0	81.5		
	77.5	78.6	79.2	79.6	79.8	80.0	80.2	80.4	80.5	82.3		
	77.8	78.9	79.5	79.9	80.2	80.4	80.6	80.8	80.9	82.4		
	77.7	78.9	79.5	79.9	80.2	80.4	80.6	80.8	80.9	82.4		
	78.4	79.5	80.1	80.5	80.8	81.0	81.2	81.4	81.5	83.1		
	78.1	79.3	81.7	82.3	82.5	82.5	82.7	82.9	82.9	83.7		
	81.1	81.5	81.7	82.3	82.5	82.5	82.7	82.9	82.9	83.7		
	81.3	81.7	82.2	82.7	82.9	83.1	83.3	83.5	83.6	84.1		
	81.5	82.1	82.6	83.1	83.3	83.5	83.7	83.9	84.0	84.3		
	82.1	83.4	83.8	84.2	84.4	84.6	84.8	85.0	85.1	85.4		
	84.1	84.6	85.1	85.3	85.3	85.5	85.6	85.7	85.7	86.5		
	86.3	86.9	87.2	87.2	87.4	87.5	87.6	87.7	87.8	88.6		
	87.3	87.7	88.0	88.2	88.3	88.5	88.6	88.7	88.8	90.1		
	88.7	89.4	90.0	90.3	90.6	90.9	91.1	91.3	91.4	92.5		
	89.1	89.8	90.6	91.1	91.5	92.0	92.2	92.5	92.6	94.0		
	89.1	89.9	90.7	91.1	91.6	92.1	92.3	92.6	92.7	94.2		
	89.1	89.9	90.7	91.1	91.6	92.1	92.3	92.6	92.7	94.2		
	89.1	89.9	90.7	91.1	91.6	92.1	92.3	92.6	92.7	94.2		
	89.1	89.9	90.7	91.1	92.3	92.4	93.2	93.7	93.9	99.6		
	89.1	89.9	90.7	91.1	92.3	92.4	93.2	93.7	93.9	100.0		

...2 - 2 - 5...

B

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
USAFETAC, ASHEVILLE NC — FOR MONTHLY DATA: ALL

STATION WBAN #: 723... STATION NAME: PEASE AFB NH — [illegible]
LST TO UTC: + 5 — [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	43.2	41.6	44.3	47.4	48.6	49.1	49.1	49.7	[illegible]	[illegible]
GE 22000	45.4	47.3	51.2	53.3	55.2	[illegible]	[illegible]	57.1	57.	57.1
GE 18000	45.1	46.1	50.0	52.2	54.1	57.0	57.7	[illegible]	[illegible]	[illegible]
GE 15000	45.1	46.1	50.0	52.2	54.1	57.0	57.7	[illegible]	[illegible]	[illegible]
GE 14000	46.5	[illegible]	52.0	54.2	57.6	58.2	[illegible]	58.4	[illegible]	[illegible]
GE 12000	47.1	48.1	52.2	54.4	57.4	58.0	58.1	58.7	[illegible]	[illegible]
GE 10000	51.7	[illegible]	[illegible]	58.3	60.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	51.7	53.9	56.3	61.2	64.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	62.4	65.4	68.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	64.1	67.3	70.4	71.1	71.5	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	71.4	72.9	73.3	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	72.4	73.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	72.4	73.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	74.2	74.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	74.2	75.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

[illegible]

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
(ALL HOURLY OBSERVATIONS)

PERIOD OF RECORD: JUL 74 - JUN 84
MONTH: JUL HOURS: 06-09

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES	10+	5	3	2 1/2	2	1 1/2	1 1/4	1	3/4	1/2	1/4	0
10+	44.1	44.1	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
5	47.4	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
2 1/2	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
2	51.1	51.1	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
1 1/2	54.0	54.0	54.4	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
1 1/4	55.6	55.6	56.1	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
1	57.5	57.5	57.8	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
3/4	70.1	70.1	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
1/2	71.5	71.5	72.0	72.3	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
0	73.5	73.5	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
10+	75.0	75.1	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
5	77.1	77.1	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
3	78.2	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
2 1/2	78.6	78.6	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
2	81.2	81.2	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
1 1/2	81.7	81.7	81.8	82.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
1 1/4	82.2	82.2	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
1	82.7	82.7	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
3/4	83.1	83.1	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
1/2	83.8	83.8	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
0	84.3	84.3	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
10+	85.1	85.1	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
5	85.4	85.4	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
3	86.0	86.0	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
2 1/2	86.1	86.1	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
2	86.9	86.9	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
1 1/2	87.3	87.3	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
1 1/4	87.7	87.7	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
1	90.9	90.9	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
3/4	91.0	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
1/2	94.0	94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
0	95.5	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
10+	97.3	97.3	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
5	97.9	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
3	98.5	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
2 1/2	98.6	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
2	99.2	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
1 1/2	99.3	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1 1/4	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3/4	99.7	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1/2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723065 STATION NAME: PEASE AFB, NH PERIOD OF RECORD: 1956 THRU 1

LST IN UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	
NO CEIL	47.3	49.5	51.[illegible]	52.[illegible]	53.1	53.1	53.3	53.3	53.3	54.3
GE 20000	53.7	[illegible]	[illegible]	[illegible]	60.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 15000	54.3	[illegible]	[illegible]	[illegible]	61.3	61.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	54.4	[illegible]	[illegible]	[illegible]	61.4	61.4	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	54.3	[illegible]	[illegible]	[illegible]	62.2	62.2	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	63.4	63.4	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	71.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	71.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	71.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	75.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	75.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	75.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	75.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	75.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

[illegible]

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: JUL HOURS: 09-11

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES									
	1/2	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
[illegible]	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
[illegible]	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
[illegible]	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
[illegible]	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
[illegible]	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
[illegible]	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
[illegible]	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
[illegible]	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
[illegible]	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]
[illegible]	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
[illegible]	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
[illegible]	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
[illegible]	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
[illegible]	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
[illegible]	[illegible]	[illegible]	[illegible]	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
[illegible]	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
[illegible]	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
[illegible]	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
[illegible]	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	88.7	88.7	88.7	88.7	88.7	88.7	88.7
[illegible]	[illegible]	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.8	90.8	90.8	90.8	90.8	90.8	90.8
[illegible]	91.2	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
[illegible]	[illegible]	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
[illegible]	[illegible]	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
[illegible]	[illegible]	96.5	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
[illegible]	[illegible]	97.2	98.0	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
[illegible]	[illegible]	97.4	98.2	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
[illegible]	[illegible]	97.4	98.2	99.1	99.4	99.5	99.5	99.5	99.5	100.0	
[illegible]	[illegible]	97.4	98.2	99.1	99.4	99.5	99.5	99.5	99.5	100.0	

OPERATING LOCATION WAW — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
USAFETAC, ASHEVILLE NC — AND VISIBILITY

STATION NUMBER: 72[illegible]55 — STATION NAME: [illegible] — PERIOD
LST TO UTC: + 5 — MONTH: 1

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	49.6	48.7	47.[illegible]	50.4	50.5	50.6	50.7	50.8	50.9
GE 20000	52.4	51.1	52.9	53.5	53.7	53.9	53.9	53.9	53.9
GE 15000	52.4	51.1	52.9	53.5	53.7	53.9	53.9	53.9	53.9
GE 14000	52.4	51.1	52.9	53.5	53.7	53.9	53.9	53.9	53.9
GE 13000	52.4	51.1	52.9	53.5	53.7	53.9	53.9	53.9	53.9
GE 12000	52.4	51.1	52.9	53.5	53.7	53.9	53.9	53.9	53.9
GE 10000	69.4	69.1	70.6	71.1	71.3	71.5	71.5	71.5	71.5
GE 9000	69.4	69.7	71.4	72.0	72.2	72.3	72.3	72.3	72.3
GE 8000	69.4	70.4	74.3	75.6	76.1	76.1	76.1	76.1	76.1
GE 7000	69.4	70.5	75.1	76.4	76.5	76.5	76.5	76.5	76.5
GE 6000	69.4	70.4	75.2	77.3	77.9	78.0	78.0	78.0	78.0
GE 5000	71.2	74.7	77.1	79.2	79.9	80.0	80.1	80.1	80.1
GE 4500	71.2	75.2	77.5	79.7	80.3	80.5	80.5	80.5	80.5
GE 4000	72.0	75.5	78.0	81.1	82.0	82.2	82.3	82.3	82.3
GE 3500	74.3	78.0	82.5	83.9	84.6	84.9	85.1	85.1	85.1
GE 3000	76.0	81.2	84.[illegible]	86.2	87.2	87.3	87.5	87.5	87.5
GE 2500	77.3	81.[illegible]	85.5	87.0	88.[illegible]	88.1	88.3	88.4	88.[illegible]
GE 2000	78.4	82.3	86.3	88.3	89.5	89.8	90.1	90.1	90.1
GE 1800	77.7	83.2	87.1	89.5	90.9	91.3	91.6	91.8	91.8
GE 1500	78.2	83.[illegible]	87.7	89.4	91.0	91.3	91.5	91.6	91.6
GE 1200	80.2	84.7	87.7	90.3	91.9	92.3	92.5	92.5	92.5
GE 1000	80.3	84.9	87.9	90.5	92.4	92.7	93.0	93.0	93.0
GE 900	80.[illegible]	85.3	88.2	91.0	92.3	93.3	93.4	93.7	93.7
GE 800	80.6	85.7	89.7	91.9	93.7	94.5	94.9	95.0	95.0
GE 700	82.3	85.[illegible]	89.[illegible]	91.9	93.[illegible]	94.7	95.2	95.[illegible]	95.[illegible]
GE 600	81.7	86.3	90.3	92.3	94.3	95.5	96.3	96.7	96.7
GE 500	81.4	86.7	90.6	92.3	95.4	96.1	97.2	97.3	97.3
GE 400	81.4	86.7	90.6	92.3	95.5	96.9	97.3	97.4	97.4
GE 300	81.4	86.7	90.6	92.9	95.6	97.0	97.1	97.3	97.5
GE 200	81.4	86.7	90.6	92.9	95.6	97.0	97.1	97.3	97.5
GE 100	81.4	86.7	90.6	92.9	95.6	97.0	97.1	97.3	97.5
GE 000	81.4	86.7	90.6	92.9	95.6	97.0	97.1	97.3	97.5

TOTAL NUMBER OF OBSERVATIONS 930

[illegible]

...FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...FOR NAVY STATIONS

...NA

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: JUL HOURS: 13-14

VISIBILITY IN STATUTE MILES

2	1 1/2	1	1 1/4	1	3/4	1/2	1/2	3/8	1/4	0
[illegible]	[illegible]	53.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	50.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible]
[illegible] BY [illegible]

STATION NUMBER: 72[illegible] STATION NAME: [illegible]
LST [illegible]: 4 [illegible]

[illegible] LIMITS

CEILING IN FEET	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	VISIBILITY IN STATUTE MILES: 2 1/2	[illegible]	1 1/2	1 1/4	1
NO CEIL	47.1	[illegible]	[illegible]	50.2	50.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	51.2	51.7	51.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	51.2	[illegible]	52.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[

...SOL FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...CLIMATOLOGY (HOURLY OBSERVATIONS)

...PERIOD OF RECORD: JUL 7[illegible] - JUL [illegible]
...MONTH: JUL HOURS: 15-17

...VISIBILITY IN STATUTE MILES

...1/2	...	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
...	...6.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
...1.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
...2.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
...	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
...2.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
...	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
...3.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
...	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
...	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
...5.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
...7.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
...	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
...	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
...	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
...	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
...	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
...	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
...	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
...1.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
...	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
...	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
...	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
...	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
...	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
...	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
...	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
...	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
...	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
...	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
...	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
...	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
...	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
...	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
...	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
...	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
...	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
...	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE FOR ALL OBSERVATIONS

STATION NUMBER: 723175

STATION NAME: PLEASE AFIX LABEL

LAT LONG DTG: + 0

PERIOD: 4801-4912

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 5	GE 3	GE 2	GE 1	GE 1 1/2	GE 1	GE 1/2	LT 1/2	
NO CEIL	42.7	46.3	46.4	46.4	47.7	47.7	47.7	47.7	47.7	
GE 20000	52.3	54.3	55.2	55.1	56.1	56.1	56.4	56.4	56.4	
GE 14000	52.3	54.4	55.3	55.2	56.2	56.2	56.5	56.5	56.5	
GE 10000	52.3	54.4	55.3	55.2	56.2	56.2	56.5	56.5	56.5	
GE 5000	53.2	55.3	56.2	56.2	57.1	57.1	57.4	57.4	57.4	
GE 3000	55.2	57.3	58.2	58.2	59.1	59.1	59.4	59.4	59.4	
GE 2000	66.8	68.9	69.7	69.7	70.6	70.6	70.9	70.9	70.9	
GE 1500	67.8	69.9	70.8	70.8	71.7	71.7	72.0	72.0	72.0	
GE 1000	68.4	70.5	71.4	71.4	72.3	72.3	72.6	72.6	72.6	
GE 700	69.1	71.2	72.1	72.1	73.0	73.0	73.3	73.3	73.3	
GE 500	69.9	72.0	72.9	72.9	73.8	73.8	74.1	74.1	74.1	
GE 400	70.3	72.4	73.3	73.3	74.2	74.2	74.5	74.5	74.5	
GE 300	70.8	72.9	73.8	73.8	74.7	74.7	75.0	75.0	75.0	
GE 200	71.2	73.3	74.2	74.2	75.1	75.1	75.4	75.4	75.4	
GE 150	71.4	73.5	74.4	74.4	75.3	75.3	75.6	75.6	75.6	
GE 100	71.4	73.5	74.4	74.4	75.3	75.3	75.6	75.6	75.6	
GE 0	71.4	73.5	74.4	74.4	75.3	75.3	75.6	75.6	75.6	

TOTAL NUMBER OF OBSERVATIONS 1992

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
(PERCENTAGE FREQUENCIES)

PERIOD OF RECORD: JUL 73 - JUN 78
MONTH: JUL HOURS: 12-20

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	10+	7	5	3	2	1 1/2	1	3/4	1/2	1/4	0
22+	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
20	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
18	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
16	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
14	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
12	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
10	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
6	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
4	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
3	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
2	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
22+	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
20	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
18	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4
16	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5
14	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
12	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
10	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
9	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
6	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
4	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY

STATION NUMBER: 72[illegible] STATION NAME: [illegible] HOURS:
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES										
	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1	1/2
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]

...QUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...HOURLY OBSERVATIONS

...N.A. PERIOD OF RECORD: JUL 79 - JUN ..
MONTH: JUL HOURS: 21-23

CEILING IN STATUTE MILES

...	...	2	1 1/2	1 1/4	1	3/4	1/2	1/2	1/4	0
...	97.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
...	...	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.7
...	...	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.7
...	...	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.7
...	...	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	97.0
...	...	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.2
...	71.4	71.	71.	71.	71.	71.	71.	71.	71.	72.2
...	...	72.	72.	72.	72.	72.	72.	72.	72.	72.
...	...	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.
...	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.5
...	...	79.	79.	79.	79.	79.	79.	79.	79.	79.2
...	...	...	...	...	...	...	...	...	...	...

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
AND VISIBILITY STATION

STATION NUMBER: 723083 STATION NAME: PLANE [illegible]
[illegible] HRS: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES										
	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1	
NO CEIL	45.0	47.2	47.[illegible]	50.2	51.6	51.7	52.[illegible]	52.2	53.3	[illegible]	
3E 20000	52.2	[illegible].7	[illegible]	[illegible]	60.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 12000	[illegible]	[illegible]	[illegible]	[illegible]	60.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 1600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 1400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3E 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

TOTAL NUMBER OF OBSERVATIONS 7446

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 74 - JUL 84
MONTH: JUL HOURS: ALL

CEILING IN STATUTE MILES										
[illegible] 1/2	[illegible]	[illegible] 1 1/2	[illegible] 1 1/4	[illegible] 1	[illegible] 3/4	[illegible] 5/8	[illegible] 1/2	[illegible] 3/8	[illegible] 1/4	[illegible] 0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE FOR CLIMATOLOGICAL DATA
FROM JULY [illegible]

STATION NUMBER: [illegible] STATION NAME: PLEASE ADD [illegible] PERIOD OF RECORD: [illegible]
LST IN HRS: [illegible] MONTH: [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
[illegible] MONTH: AUG HOURS: 00-23

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES										
[illegible] 1/2	1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	56.7	[illegible]	[illegible]	55.1	55.1	55.1	55.2	55.2	56.2	56.2
[illegible]	[illegible]	52.2	[illegible]	[illegible]	52.4	52.4	52.4	52.5	52.5	52.5	52.5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE FOR ALL OBSERVATIONS

STATION NUMBER: 72[illegible] STATION NAME: [illegible]
LST TO UTC: + 5

CEILING	VISIBILITY IN STATUTE MILES									
In Feet	≥ 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	44.1	4.3	47.	49.	53.3	53.5	1.1	51.3	51.	51.
GE 20000	47.5	51.2	52.	54.5	55.	55.7	57.3	57.4	7.	. .1
GE 15000	47.7	51.3	53.	54.5	55.8	55.	57.	7.	57.	. .
GE 10000	47.7	51.3	53.	54.5	55.	55.	57.	57.4	7.	. .
GE 9000	47.2	51.2	53.2	54.	55.1	57.1	57.7	5 .	7.2	. .
GE 8000	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 7000	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 6000	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 5000	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 4500	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 4000	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 3500	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 3000	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 2500	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 2000	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 1800	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 1600	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 1400	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 1200	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 1000	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 900	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 800	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 700	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 600	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 500	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 400	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 300	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 200	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 100	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .
GE 000	47.	51.	53.	54.7	55.3	57.3	57.	57.4	57.	. .

TOTAL OBSERVATIONS [illegible]

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] CUMULATIVE [illegible] VALUES

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JU[illegible]
MONTH: ALL HOURS: 03-25

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES										
[illegible] 1/2	[illegible]	1	1 1/2	1 1/4	1	3/4	5/4	1/2	1/4	0
[illegible]	[illegible].1	[illegible].3	[illegible].[illegible]	21.9	32.3	32.9	32.9	32.2	[illegible].2	32.3
[illegible].7	[illegible].2	[illegible].4	[illegible].[illegible]	[illegible].1	[illegible].2	[illegible].2	[illegible].[illegible]	[illegible].[illegible]	[illegible].5	[illegible].3
[illegible].3	[illegible].[illegible]	[illegible].6	[illegible].[illegible]	[illegible].3	[illegible].4	33.4	[illegible].[illegible]	[illegible].[illegible]	[illegible].5	[illegible].7
[illegible].3	[illegible].4	[illegible].6	[illegible].[illegible]	[illegible].2	[illegible].4	[illegible].4	[illegible].[illegible]	[illegible].5	[illegible].5	[illegible].7
7.1	[illegible].7	[illegible].3	31.2	[illegible].[illegible]	[illegible].7	[illegible].7	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].3
[illegible].7	[illegible].4	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].3	[illegible].3	[illegible].4	[illegible].4	[illegible].4	[illegible].6
[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].1	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].7	[illegible].7	[illegible].7	35.[illegible]
[illegible].[illegible]	[illegible].[illegible]	[illegible].7	[illegible].[illegible]	[illegible].5	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].7
[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	70.[illegible]	73.3	73.3	73.4	73.4	73.[illegible]	76.[illegible]
[illegible].7	[illegible].[illegible]	71.[illegible]	71.1	71.[illegible]	71.5	71.5	71.7	71.7	71.7	71.9
[illegible].[illegible]	71.[illegible]	71.7	71.[illegible]	72.[illegible]	72.5	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]
[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].1	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].7	[illegible].7	[illegible].7	75.[illegible]
[illegible].[illegible]	[illegible].[illegible]	[illegible].2	[illegible].[illegible]	[illegible].[illegible]	76.[illegible]	[illegible].[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]
[illegible].[illegible]	[illegible].7	[illegible].[illegible]	[illegible].2	[illegible].7	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].1
[illegible].[illegible]	[illegible].[illegible]	[illegible].7	[illegible].2	[illegible].[illegible]	[illegible].4	[illegible].4	[illegible].5	[illegible].5	[illegible].[illegible]	[illegible].[illegible]
[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].2	[illegible].4	[illegible].4	[illegible].5	[illegible].5	[illegible].[illegible]	[illegible].[illegible]
[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]

OPERATIONAL LOCATION MAP

PERCENTAGE FREQUENCY OF OCCURRENCE

USAFETAC, 0-5 VIEW

STATION NUMBER: [illegible] STATION NAME: [illegible] (1)

LST TO UTC: [illegible] (2)

CEILING (FT)	VISIBILITY (STATUTE MILES)									
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] (ALL WEATHER)

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
[illegible] STATION: [illegible] 36-[illegible]

CEILING VERSUS VISIBILITY (STATUTE MILES)

CEILING (FEET)	10	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	1/2	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATIONAL CLIMATOLOGY
USAF ETAC, AWS/MAC

STATION: [illegible] STATION: [illegible]
[illegible]

CEILING						VISIBILITY				
[illegible]										
[illegible]										
[illegible]										

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION NUMBER: 72305 STATION NAME: [illegible]
LST ID: MST + 5

CEILING VERSUS VISIBILITY (PERCENT FREQUENCY OF OCCURRENCE)

CEILING IN FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	[illegible]	[illegible]	[illegible]	51.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	91.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	41.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14303	[illegible]	[illegible]	[illegible]	63.[illegible]	[illegible]	55.1	55.1	55.1	55.1	[illegible]
12305	[illegible]	[illegible]	[illegible]	46.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	71.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7100[illegible]	[illegible]	[illegible]	[illegible]	76.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[

[illegible]

JOINT PROBABILITY OF [illegible]
[illegible]

STATION NUMBER : [illegible] STATION NAME : [illegible]
[illegible]

CEILING IN HUNDREDS OF FEET / VISIBILITY IN STATUTE MILES

NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 22000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 15000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

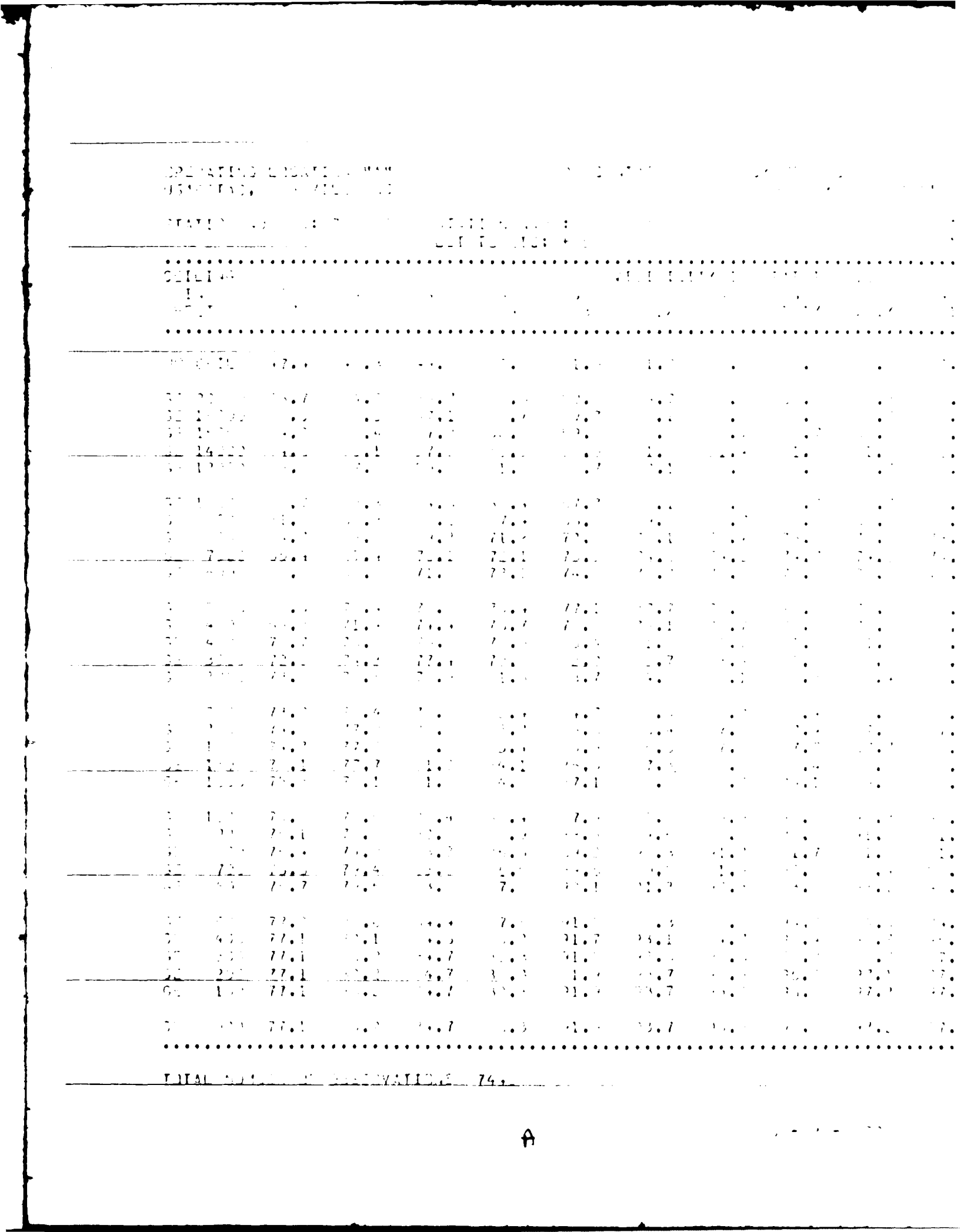
TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

A

STATION: [illegible] STATION NAME: [illegible]
[illegible]

CEILING	VISIBILITY								
[illegible]									
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]



TOTAL NUMBER OF OBSERVATIONS 74

OPERATING LOCATION "A"
USAFTAC, [illegible] AB

STATION NUMBER : [illegible] STATION NAME : [illegible]
[illegible]

CEILING IN FEET						VISIBILITY IN STATUTE MILES				
NO CEIL	[illegible]									
[illegible]										
[illegible]										
[illegible]

[illegible] PROBABILITY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

[illegible] VISIBILITY [illegible] STATIONS

[illegible] PERIOD OF RECORDS: JUL 73 - JUN 74

[illegible] STATION SCS [illegible] HOURS: 00-24

CEILING IN STATUTE MILES

	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCALITY "A"
JSAFETAC, ASHEVILLE NC

STATION NAME: [illegible]
STATION UNIT: [illegible]
LAT 12 MIC: [illegible]

CEILING IN FEET	7	6	5	4	3	VISIBILITY IN STATUTE MILES 2 1/2	2	1 1/2	1
NO CEIL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 30000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 25000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	71.4	74.9	77.1	79.1	82.0	82.2	82.7	82.9	83.7
GE 1000	71.9	75.3	77.2	80.1	83.3	83.7	84.1	84.2	84.9
GE 900	72.4	75.8	77.7	81.3	84.2	84.7	85.1	85.2	85.9
GE 800	73.2	77.5	80.2	82.3	85.3	85.8	86.2	86.3	87.0
GE 700	73.7	77.1	81.2	83.4	87.0	87.6	88.0	88.2	89.0
GE 600	73.9	77.8	82.0	84.3	88.2	89.0	89.4	89.7	90.6
GE 500	74.2	78.3	82.4	84.7	89.2	90.1	91.2	91.5	92.3
GE 400	74.4	78.6	82.4	85.2	89.8	91.0	92.1	92.5	93.3
GE 300	74.4	78.6	82.4	85.2	89.8	91.0	92.2	92.6	93.4
GE 200	74.4	78.6	82.4	85.2	89.8	91.0	92.2	92.6	93.4
GE 100	74.4	78.6	82.4	85.2	89.8	91.0	92.2	92.6	93.4
GE 000	74.4	78.6	82.4	85.2	89.8	91.0	92.2	92.6	93.4

TOTAL NUMBER OF OBSERVATIONS 900

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] MONTHLY [illegible] HOURS

[illegible] PERIOD OF RECORD: JUL 71 - JUN [illegible]
[illegible] HOURS: 0000 - 2300

CEILING IN STATUTE MILES

0	1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FOR [illegible] OBSERVATIONS

STATION NUMBER: 72306 STATION NAME: [illegible]
LST IN UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	51.4	[illegible]	[illegible]	53.7	53.8	54.0	54.1	54.3	54.4	54.
GE 20000	57.7	59.8	60.0	60.3	60.7	60.9	61.1	61.4	61.5	61.
GE 18000	59.4	60.1	60.3	61.1	61.4	61.7	61.7	61.7	61.7	61.
GE 16000	59.4	60.1	60.3	61.1	61.4	61.7	61.7	61.7	61.7	61.
GE 14000	59.9	61.4	62.1	62.4	62.8	63.0	63.1	63.3	63.4	63.
GE 12000	61.4	63.1	63.9	64.2	64.5	64.7	64.8	64.9	64.9	64.
GE 10000	64.7	66.7	67.1	67.5	67.7	67.9	68.0	68.1	68.2	68.
GE 9000	64.9	66.9	67.1	67.7	67.9	68.2	68.3	68.4	68.5	68.
GE 8000	65.0	70.9	71.3	72.0	72.3	73.1	73.1	73.1	73.1	73.
GE 7000	65.6	70.9	72.1	73.2	73.6	73.9	74.0	73.9	73.9	73.
GE 6000	66.0	71.3	72.3	73.3	73.7	74.0	74.0	74.0	74.0	74.
GE 5000	66.3	72.3	74.3	74.9	75.4	75.9	76.0	76.1	76.1	76.
GE 4500	70.2	72.3	74.4	75.1	75.3	75.6	75.8	75.9	76.0	76.
GE 4000	70.4	74.8	76.5	77.4	77.8	78.2	78.3	78.4	78.4	78.
GE 3500	73.7	76.1	77.9	78.7	79.1	79.4	79.5	79.6	79.6	79.
GE 3000	74.2	76.7	77.7	78.7	1.1	81.4	81.6	81.6	81.6	1.
GE 2500	75.0	77.1	79.1	81.1	81.7	82.0	82.1	82.2	82.2	82.
GE 2000	75.4	77.9	81.2	82.8	83.4	83.8	84.1	84.1	84.1	84.
GE 1800	75.4	78.4	81.4	82.4	83.1	83.8	84.0	84.0	84.0	84.
GE 1500	75.4	81.1	83.1	84.1	84.7	85.2	85.4	85.5	85.5	85.
GE 1200	80.1	82.0	84.7	85.9	86.4	86.8	86.9	87.0	87.0	87.
GE 1000	81.4	84.2	86.4	87.9	88.7	89.2	89.4	89.5	89.5	89.
GE 900	81.4	84.5	86.8	88.2	89.1	89.6	89.7	89.7	89.7	89.
GE 800	82.1	84.9	87.1	88.4	89.4	90.2	90.4	90.4	90.4	90.
GE 700	83.4	86.5	88.0	89.2	91.1	91.4	91.6	91.7	91.8	91.
GE 600	83.7	87.0	89.7	91.8	93.1	93.4	93.6	93.8	93.8	94.
GE 500	84.0	87.3	90.1	92.4	94.2	95.0	95.2	95.3	95.4	95.
GE 400	84.0	87.3	90.2	92.5	94.3	95.7	96.0	96.2	96.3	96.
GE 300	84.0	87.3	90.2	92.5	95.2	96.1	97.1	97.2	97.3	97.
GE 200	84.0	87.3	90.2	92.5	95.2	96.1	97.1	97.2	97.3	97.
GE 100	84.0	87.3	90.2	92.5	95.2	96.1	97.1	97.2	97.3	97.
GE 000	84.0	87.3	90.2	92.5	95.2	96.1	97.1	97.2	97.3	97.

TOTAL NUMBER OF OBSERVATIONS 900

1 - 2 - 74

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
(ALL HOURLY OBSERVATIONS)

PERIOD OF RECORD: JUL 73 - JUN 78
MONTHS: SEP HOURS: 09-11

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES	10	9	8	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	1/2	0
10	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
9	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
8	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
5	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
4	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
3	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
2 1/2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
1 1/2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
1 1/4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
3/4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
1/2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
0	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9

OPERATING LOCATION "A"
USAFFTAC, ASHEVILLE NC

STATION NUMBER: 72[illegible] STATION NAME: [illegible]
LST TO UTC: + 5

CEILING IN FEET	0	1	2	3	4	5	6	VISIBILITY IN STATUTE MILES 1/2	1	1 1/2	1 1/4	2
NO CEIL	52.7	53.8	54.5	54.7	55.3	55.1	56.1	56.1	56.1	56.1	56.
GE 20000	53.7	53.7	53.1	53.2	53.5	52.7	53.7	53.7	53.7	53.7	53.
GE 18000	61.3	61.5	62.0	62.3	63.3	63.4	63.4	63.4	63.4	63.4	63.
GE 16000	61.3	61.3	62.2	62.5	63.7	63.7	63.7	63.	63.	63.	63.
GE 14000	62.2	62.5	64.1	64.2	65.3	64.7	64.7	64.7	64.7	64.7	64.
GE 12000	63.3	63.3	63.2	63.4	63.3	63.4	63.3	63.3	63.3	63.3	63.
GE 10000	66.7	67.3	68.5	68.7	69.1	69.3	69.3	69.3	69.3	69.3	69.
GE 9000	67.4	68.3	69.3	69.5	69.7	70.0	70.0	70.0	70.0	70.0	70.
GE 8000	69.4	71.3	72.3	72.5	72.7	73.1	73.	73.	73.1	73.1	73.
GE 7000	71.7	72.2	73.1	73.3	74.1	74.2	74.3	74.3	74.3	74.3	74.
GE 6000	72.4	73.1	74.4	74.7	75.1	75.2	75.3	75.3	75.3	75.3	75.
GE 5000	73.3	74.4	75.3	76.3	77.3	77.4	77.4	77.4	77.4	77.4	77.
GE 4500	74.1	75.4	76.3	77.3	77.8	77.9	77.9	77.9	77.9	77.9	77.
GE 4000	75.3	77.3	78.3	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.
GE 3500	78.4	79.1	80.2	81.3	81.8	81.7	81.7	81.7	81.7	81.7	81.
GE 3000	81.5	82.2	83.7	84.1	84.7	84.9	84.9	84.	84.	84.	84.
GE 2500	83.3	84.2	85.3	86.3	86.9	87.1	87.1	87.1	87.1	87.1	87.
GE 2000	83.7	84.4	85.3	86.3	87.2	87.1	87.1	87.	87.	87.	87.
GE 1800	84.3	84.7	85.2	86.2	87.3	87.4	87.5	87.	87.	87.	87.
GE 1500	85.7	86.4	87.3	88.3	89.3	89.1	89.2	89.2	89.2	89.2	89.
GE 1200	86.4	87.1	88.3	89.3	90.1	90.3	90.3	90.3	90.3	90.3	90.
GE 1000	87.4	88.4	89.2	90.7	91.4	91.5	91.5	91.	91.	91.	91.
GE 900	87.4	88.5	89.5	91.0	91.9	92.3	92.3	92.4	92.4	92.4	92.
GE 800	88.3	89.3	91.7	92.1	93.1	93.7	93.7	93.	93.	93.	93.
GE 700	89.3	90.2	92.2	92.7	93.7	94.2	94.2	94.2	94.2	94.2	94.
GE 600	90.2	91.7	92.7	93.7	94.5	95.3	95.7	95.	95.3	95.	95.
GE 500	90.3	92.3	93.2	93.7	95.3	95.9	96.1	96.1	96.1	96.1	96.
GE 400	91.3	92.4	93.2	93.9	95.3	95.9	97.3	97.4	97.4	97.4	97.
GE 300	91.3	92.4	93.2	94.1	95.7	96.2	97.3	97.4	97.4	97.4	97.
GE 200	91.3	92.4	93.2	94.1	95.7	96.2	97.3	97.4	97.4	97.4	97.
GE 100	91.3	92.4	93.2	94.1	95.7	96.2	97.3	97.4	97.4	97.4	97.
GE 000	91.3	92.4	93.2	94.1	95.7	96.2	97.3	97.4	97.4	97.4	97.

TOTAL NUMBER OF OBSERVATIONS 300

1 - 1 - 77

A

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] MONTHLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: SEP HOURS: 12-14

CEILING IN STATUTE MILES										
[illegible] 1/2	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
.1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1
[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7
[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "A"
[illegible], ASHEVILLE NC

PERCENTAGE FREQUENCY OF [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
EST TIME: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	1	2	3	4	5	6	7	8	9	10
NO CEIL	51.4	52.6	52.1	53.4	53.6	53.9	54.2	54.4	54.6	54.6
25000	51.7	52.2	51.1	51.6	51.8	52.1	52.1	52.2	52.3	52.4
20000	51.8	52.4	51.2	51.7	51.9	52.2	52.2	52.3	52.4	52.5
18000	51.8	52.4	51.3	51.8	52.0	52.3	52.3	52.4	52.5	52.6
16000	51.9	52.5	51.4	51.9	52.1	52.4	52.4	52.5	52.6	52.7
14000	52.0	52.6	51.5	52.0	52.2	52.5	52.5	52.6	52.7	52.8
12000	52.2	52.7	51.6	52.1	52.3	52.6	52.6	52.7	52.8	52.9
10000	52.3	52.8	51.7	52.2	52.4	52.7	52.7	52.8	52.9	53.0
9000	52.4	52.9	51.8	52.3	52.5	52.8	52.8	52.9	53.0	53.1
8000	52.5	53.0	51.9	52.4	52.6	52.9	52.9	53.0	53.1	53.2
7000	52.6	53.1	52.0	52.5	52.7	53.0	53.0	53.1	53.2	53.3
6000	52.7	53.2	52.1	52.6	52.8	53.1	53.1	53.2	53.3	53.4
5000	52.8	53.3	52.2	52.7	52.9	53.2	53.2	53.3	53.4	53.5
4500	52.9	53.4	52.3	52.8	53.0	53.3	53.3	53.4	53.5	53.6
4000	53.0	53.5	52.4	52.9	53.1	53.4	53.4	53.5	53.6	53.7
3500	53.1	53.6	52.5	53.0	53.2	53.5	53.5	53.6	53.7	53.8
3000	53.2	53.7	52.6	53.1	53.3	53.6	53.6	53.7	53.8	53.9
2500	53.3	53.8	52.7	53.2	53.4	53.7	53.7	53.8	53.9	54.0
2000	53.4	53.9	52.8	53.3	53.5	53.8	53.8	53.9	54.0	54.1
1500	53.5	54.0	52.9	53.4	53.6	53.9	53.9	54.0	54.1	54.2
1000	53.6	54.1	53.0	53.5	53.7	54.0	54.0	54.1	54.2	54.3
900	53.7	54.2	53.1	53.6	53.8	54.1	54.1	54.2	54.3	54.4
800	53.8	54.3	53.2	53.7	53.9	54.2	54.2	54.3	54.4	54.5
700	53.9	54.4	53.3	53.8	54.0	54.3	54.3	54.4	54.5	54.6
600	54.0	54.5	53.4	53.9	54.1	54.4	54.4	54.5	54.6	54.7
500	54.1	54.6	53.5	54.0	54.2	54.5	54.5	54.6	54.7	54.8
400	54.2	54.7	53.6	54.1	54.3	54.6	54.6	54.7	54.8	54.9
300	54.3	54.8	53.7	54.2	54.4	54.7	54.7	54.8	54.9	55.0
200	54.4	54.9	53.8	54.3	54.5	54.8	54.8	54.9	55.0	55.1
100	54.5	55.0	53.9	54.4	54.6	54.9	54.9	55.0	55.1	55.2
000	54.6	55.1	54.0	54.5	54.7	55.0	55.0	55.1	55.2	55.3

TOTAL NUMBER OF OBSERVATIONS 9863

[illegible] - 7 -

A

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] MONTHLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
ADMIN SUB UNITS: 15-17

CEILING IN STATUTE MILES

[illegible]	[illegible]	1 1/2	1 1/4	1	3/4	1/2	1/4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

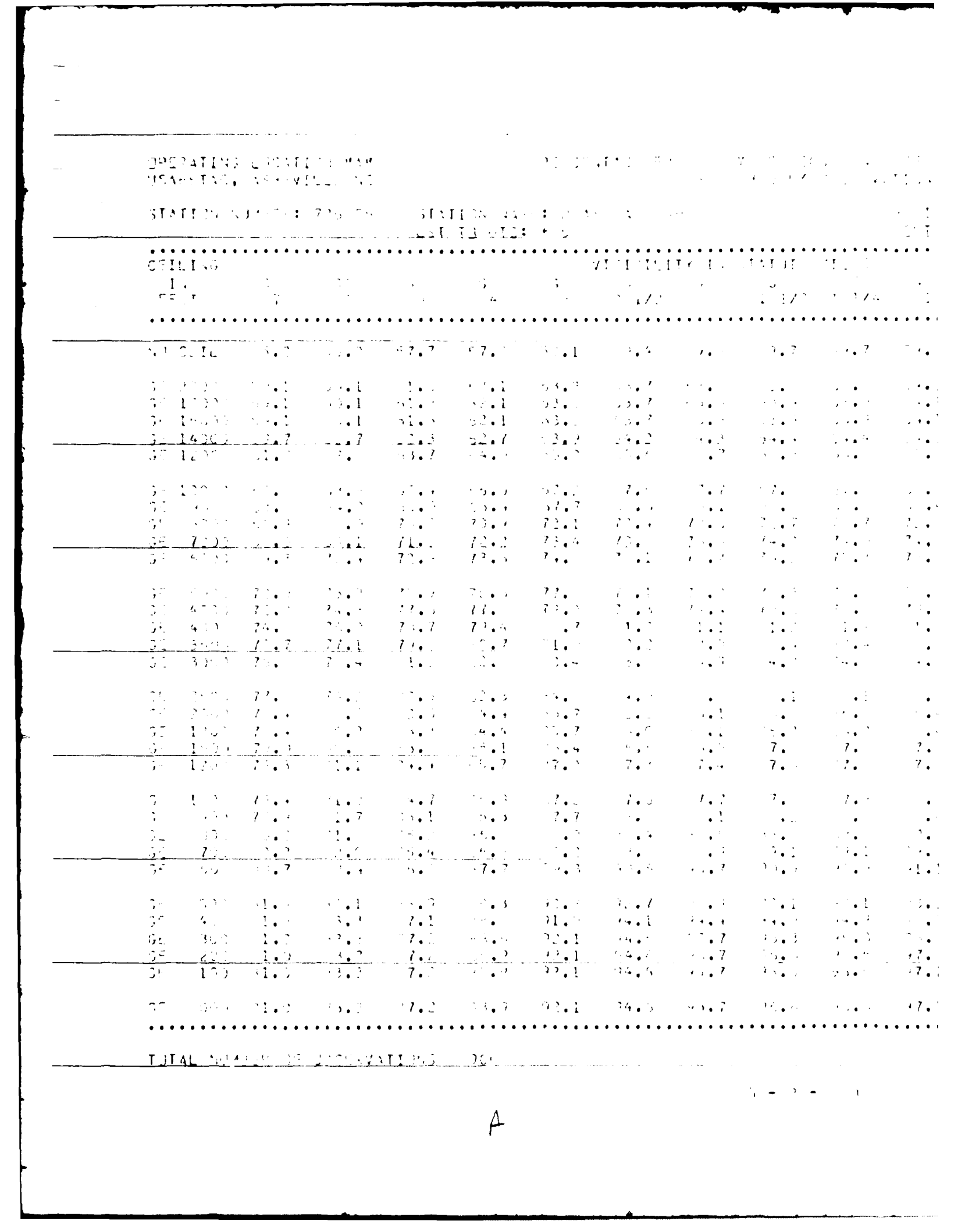
FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

[illegible] ALL [illegible]

[illegible] PERIOD: JUL 77 - JUN 80
[illegible] HOURS: 12-20

CEILING VERSUS VISIBILITY

CEILING \ VISIBILITY (STATUTE MILES)	2	1 1/2	1 1/4	1	3/4	1/2	1/4	1/8	0	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]



A

[illegible] ACCURACY OF [illegible] AS A CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 74 - JUN [illegible]
[illegible] UNIT: SHP [illegible] HOURS: 21-22

CEILING IN STATUTE MILES

[illegible]		1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	59.7	59.7	59.7	59.9	59.9	60.1	60.1	60.1	60.2
[illegible]	[illegible]	54.1	54.1	54.1	54.4	54.4	54.4	54.5	54.5	54.7
[illegible]	[illegible]	53.3	54.1	54.1	54.4	54.4	54.4	54.5	54.5	54.7
[illegible]	[illegible]	53.3	53.3	54.1	54.4	54.4	54.4	54.5	54.5	54.7
[illegible]	[illegible]	54.4	54.4	54.7	55.0	55.0	55.1	55.1	55.1	55.2
[illegible]	[illegible]	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.5
[illegible]	[illegible]	57.7	57.8	57.8	57.8	57.8	57.9	57.9	57.9	58.0
[illegible]	[illegible]	58.4	58.5	58.6	58.8	58.8	58.9	58.9	58.9	59.0
[illegible]	[illegible]	72.7	72.7	72.7	73.0	73.0	73.1	73.1	73.1	73.1
[illegible]	[illegible]	74.3	74.3	74.3	74.6	74.6	74.7	74.7	74.7	74.8
[illegible]	[illegible]	75.2	75.3	75.4	75.8	75.8	75.9	75.9	75.9	76.1
[illegible]	[illegible]	77.3	77.3	77.4	77.7	77.8	77.9	77.9	77.9	78.1
[illegible]	[illegible]	78.2	78.3	78.3	78.6	78.6	78.7	78.7	78.7	78.8
[illegible]	[illegible]	81.1	81.1	81.1	81.4	81.4	81.5	81.5	81.5	81.6
[illegible]	[illegible]	82.3	82.4	82.5	82.7	82.8	82.9	82.9	82.9	83.0
[illegible]	[illegible]	84.3	84.3	84.4	84.7	84.8	84.9	84.9	84.9	85.0
[illegible]	[illegible]	86.1	86.1	86.2	86.4	86.5	86.6	86.6	86.6	86.7
[illegible]	[illegible]	87.6	87.6	87.7	87.9	88.0	88.1	88.1	88.1	88.2
[illegible]	[illegible]	89.3	89.3	89.4	89.6	89.7	89.8	89.8	89.8	89.9
[illegible]	[illegible]	90.7	90.7	90.8	91.0	91.1	91.2	91.2	91.2	91.3
[illegible]	[illegible]	91.7	91.7	91.8	92.0	92.1	92.2	92.2	92.2	92.3
[illegible]	[illegible]	92.7	92.7	92.8	93.0	93.1	93.2	93.2	93.2	93.3
[illegible]	[illegible]	93.7	93.7	93.8	94.0	94.1	94.2	94.2	94.2	94.3
[illegible]	[illegible]	94.7	94.7	94.8	95.0	95.1	95.2	95.2	95.2	95.3
[illegible]	[illegible]	95.7	95.7	95.8	96.0	96.1	96.2	96.2	96.2	96.3
[illegible]	[illegible]	96.7	96.7	96.8	97.0	97.1	97.2	97.2	97.2	97.3
[illegible]	[illegible]	97.7	97.7	97.8	98.0	98.1	98.2	98.2	98.2	98.3
[illegible]	[illegible]	98.7	98.7	98.8	99.0	99.1	99.2	99.2	99.2	99.3
[illegible]	[illegible]	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

[illegible] - [illegible] - [illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE, BY

STATION NUMBER: 72306 STATION NAME: BLACK MOUNTAIN, NC

LOCAL TIME: 0-5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1	
NO CEIL	82.1	74.9	75.2	69.3	66.1	59.3	55.4	54.4	51.4	
GE 20000	87.1	83.2	80.3	76.7	71.7	61.9	57.2	52.2	50.3	2.
GE 18000	91.3	88.4	86.0	81.0	81.4	66.1	62.1	57.3	55.1	52.
GE 16000	91.1	89.5	86.7	81.1	82.4	68.3	64.1	59.2	57.5	55.
GE 14000	91.3	89.3	86.1	81.3	82.4	68.2	64.1	59.3	58.2	55.
GE 12000	92.3	91.7	88.7	83.2	84.2	69.4	66.3	61.7	60.7	57.
GE 10000	93.4	92.7	89.7	86.4	87.1	72.7	69.1	64.3	63.1	60.
GE 9000	93.5	93.1	90.4	87.3	88.1	73.3	70.1	65.4	64.2	61.
GE 8000	94.1	93.4	91.0	88.0	89.0	74.1	71.1	66.4	65.1	62.
GE 7000	94.3	93.4	91.1	88.3	89.2	74.2	71.3	66.8	65.4	62.
GE 6000	94.3	93.9	91.4	88.7	89.5	74.5	71.7	67.1	65.8	62.
GE 5000	95.1	94.6	92.1	89.4	90.1	75.1	72.4	67.7	66.4	63.
GE 4500	95.3	94.8	92.3	89.6	90.3	75.3	72.6	67.9	66.6	63.
GE 4000	95.4	94.9	92.4	89.7	90.4	75.4	72.7	68.0	66.7	63.
GE 3500	95.5	95.0	92.5	89.8	90.5	75.5	72.8	68.1	66.8	63.
GE 3000	95.6	95.1	92.6	89.9	90.6	75.6	72.9	68.2	66.9	63.
GE 2500	95.7	95.2	92.7	90.0	90.7	75.7	73.0	68.3	67.0	63.
GE 2000	95.8	95.3	92.8	90.1	90.8	75.8	73.1	68.4	67.1	63.
GE 1800	95.8	95.3	92.8	90.1	90.8	75.8	73.1	68.4	67.1	63.
GE 1600	95.8	95.3	92.8	90.1	90.8	75.8	73.1	68.4	67.1	63.
GE 1400	95.8	95.3	92.8	90.1	90.8	75.8	73.1	68.4	67.1	63.
GE 1200	95.8	95.3	92.8	90.1	90.8	75.8	73.1	68.4	67.1	63.
GE 1000	95.8	95.3	92.8	90.1	90.8	75.8	73.1	68.4	67.1	63.
GE 900	95.8	95.3	92.8	90.1	90.8	75.8	73.1	68.4	67.1	63.
GE 800	95.8	95.3	92.8	90.1	90.8	75.8	73.1	68.4	67.1	63.
GE 700	95.8	95.3	92.8	90.1	90.8	75.8	73.1	68.4	67.1	63.
GE 600	95.8	95.3	92.8	90.1	90.8	75.8	73.1	68.4	67.1	63.
GE 500	95.8	95.3	92.8	90.1	90.8	75.8	73.1	68.4	67.1	63.
GE 400	95.8	95.3	92.8	90.1	90.8	75.8	73.1	68.4	67.1	63.
GE 300	95.8	95.3	92.8	90.1	90.8	75.8	73.1	68.4	67.1	63.
GE 200	95.8	95.3	92.8	90.1	90.8	75.8	73.1	68.4	67.1	63.
GE 100	95.8	95.3	92.8	90.1	90.8	75.8	73.1	68.4	67.1	63.
GE 000	95.8	95.3	92.8	90.1	90.8	75.8	73.1	68.4	67.1	63.

TOTAL NUMBER OF OBSERVATIONS 7200

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 74 - JUL [illegible]

MONTH: ALL HOURS: ALL

CEILING [illegible] STATUTE MILES

[illegible]	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM 1ST L[illegible] OBSERVATIONS

STATION NUMBER: 723175 STATION NAME: [illegible] AFB NC
LST IS UTC: + 5

PERI
[illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES: 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	52.2	54.3	54.[illegible]	55.[illegible]	55.[illegible]	56.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	55.1	57.2	57.[illegible]	58.4	58.[illegible]	59.2	59.[illegible]	60.2	[illegible]	[illegible]
GE 18000	55.1	57.2	57.5	58.4	58.[illegible]	59.2	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	55.1	57.2	57.5	58.4	58.[illegible]	59.2	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	55.5	57.5	58.1	59.1	59.5	60.7	[illegible]	61.3	[illegible]	61.[illegible]
GE 12000	55.5	57.6	58.3	59.3	59.4	60.5	[illegible]	61.3	61.[illegible]	61.[illegible]
GE 10000	56.3	58.2	59.[illegible]	59.4	59.5	60.2	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	56.1	58.3	58.7	59.[illegible]	59.1	59.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	56.4	58.5	59.[illegible]	59.7	59.[illegible]	60.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	59.7	60.1	60.3	60.2	60.3	[illegible]	61.[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	68.4	68.[illegible]	70.0	70.[illegible]	71.0	71.2	71.2	71.[illegible]	71.[illegible]
GE 5000	[illegible]	71.1	71.[illegible]	71.7	72.[illegible]	72.7	[illegible]	73.[illegible]	[illegible]	[illegible]
GE 4500	72.[illegible]	72.6	73.0	74.3	74.1	74.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	73.[illegible]	73.[illegible]	74.0	77.3	75.1	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	74.2	75.5	76.2	75.2	76.2	77.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	75.4	77.[illegible]	77.4	77.7	[illegible]	[illegible]	1.0	1.[illegible]	1.1	[illegible]
GE 2500	76.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	76.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	76.[illegible]	79.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1600	77.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	78.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

A

...FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...FROM HOURLY OBSERVATIONS

... PERIOD OF RECORD: JUL 74 - JUN 84
MONTH: OCT HOURS: 00-02

CEILING IN STATUTE MILES

VISIBILITY IN STATUTE MILES	2 1/2	2	1 1/2	1 1/4	1	3/4	1/2	1/2	1/4	0
	[illegible]	[illegible]	[illegible]	55.5	[illegible]	[illegible]	56.4	56.7	56.7	56.9
	[illegible]	58.2	58.2	58.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.3
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.7
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.9
	54.0	53.9	54.0	60.1	60.1	60.1	60.2	60.2	60.4	60.5
	[illegible]	[illegible]	60.9	61.1	61.1	61.1	61.2	61.2	61.4	61.5
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.1
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.2
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	68.7
	[illegible]	[illegible]	69.6	69.8	69.7	69.7	69.7	[illegible]	[illegible]	70.1
	71.0	71.2	71.2	71.3	71.4	71.4	71.4	71.5	71.5	71.7
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76.1
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.2
	79.1	79.4	79.4	79.5	79.6	79.6	79.6	79.7	79.7	80.1
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83.1
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.4
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	86.1
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.4
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.3
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.4
	[illegible]	[illegible]	91.0	91.2	91.2	91.2	91.3	91.3	91.5	91.6
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.1
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.2
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.6
	[illegible]	[illegible]	94.5	95.1	95.6	95.9	96.0	96.0	96.0	100.0

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CE
AND VISIBILITY OBSERVATIONS

STATION NUMBER: 723053 STATION NAME: PEASE AFB NH
LST IS UTC: + 5

CEILING IN FEET		VISIBILITY IN STATUTE MILES									
		10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	90.0	87.5	84.2	84.0	83.4	83.1	83.1	78.2	80.2	78.	
GE 20000	93.4	90.6	90.2	87.0	86.4	86.1	86.1	81.2	83.4	81.	
GE 18000	93.4	90.6	90.2	87.0	86.4	86.1	86.1	81.2	83.4	81.	
GE 16000	93.4	90.6	90.2	87.0	86.4	86.1	86.1	81.2	83.4	81.	
GE 14000	93.7	90.7	90.4	87.2	86.8	86.4	86.4	81.5	83.7	81.7	
GE 12000	94.3	91.4	91.0	87.8	87.4	87.0	87.0	82.1	84.3	82.	
GE 10000	94.3	91.4	91.0	87.8	87.4	87.0	87.0	82.1	84.3	82.	
GE 9000	94.3	91.4	91.0	87.8	87.4	87.0	87.0	82.1	84.3	82.	
GE 8000	94.3	91.4	91.0	87.8	87.4	87.0	87.0	82.1	84.3	82.	
GE 7000	94.3	91.4	91.0	87.8	87.4	87.0	87.0	82.1	84.3	82.	
GE 6000	94.3	91.4	91.0	87.8	87.4	87.0	87.0	82.1	84.3	82.	
GE 5000	95.7	93.0	92.6	89.7	89.4	89.0	89.0	84.1	86.3	84.	
GE 4500	96.0	93.3	92.9	90.0	89.7	89.3	89.3	84.4	86.6	84.	
GE 4000	96.0	93.3	92.9	90.0	89.7	89.3	89.3	84.4	86.6	84.	
GE 3500	96.0	93.3	92.9	90.0	89.7	89.3	89.3	84.4	86.6	84.	
GE 3000	96.1	93.4	93.0	90.1	89.8	89.4	89.4	84.5	86.7	84.	
GE 2500	96.1	93.4	93.0	90.1	89.8	89.4	89.4	84.5	86.7	84.	
GE 2000	96.4	93.7	93.3	90.4	90.1	89.7	89.7	84.8	87.0	85.	
GE 1800	96.4	93.7	93.3	90.4	90.1	89.7	89.7	84.8	87.0	85.	
GE 1600	96.4	93.7	93.3	90.4	90.1	89.7	89.7	84.8	87.0	85.	
GE 1500	96.4	93.7	93.3	90.4	90.1	89.7	89.7	84.8	87.0	85.	
GE 1400	96.4	93.7	93.3	90.4	90.1	89.7	89.7	84.8	87.0	85.	
GE 1200	96.4	93.7	93.3	90.4	90.1	89.7	89.7	84.8	87.0	85.	
GE 1000	96.4	93.7	93.3	90.4	90.1	89.7	89.7	84.8	87.0	85.	
GE 900	96.4	93.7	93.3	90.4	90.1	89.7	89.7	84.8	87.0	85.	
GE 800	96.4	93.7	93.3	90.4	90.1	89.7	89.7	84.8	87.0	85.	
GE 700	96.4	93.7	93.3	90.4	90.1	89.7	89.7	84.8	87.0	85.	
GE 600	96.4	93.7	93.3	90.4	90.1	89.7	89.7	84.8	87.0	85.	
GE 500	96.4	93.7	93.3	90.4	90.1	89.7	89.7	84.8	87.0	85.	
GE 400	96.4	93.7	93.3	90.4	90.1	89.7	89.7	84.8	87.0	85.	
GE 300	96.4	93.7	93.3	90.4	90.1	89.7	89.7	84.8	87.0	85.	
GE 200	96.4	93.7	93.3	90.4	90.1	89.7	89.7	84.8	87.0	85.	
GE 100	96.4	93.7	93.3	90.4	90.1	89.7	89.7	84.8	87.0	85.	
GE 000	96.4	93.7	93.3	90.4	90.1	89.7	89.7	84.8	87.0	85.	

TOTAL NUMBER OF OBSERVATIONS 930

9 - 2 - 93

A

[illegible] JERSEY JF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 77 - JUN 79
ALL: JCT HOURS: 03-05

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES										
1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
OF [illegible] FOR [illegible] PERIOD

STATION NUMBER: 72[illegible]

STATION NAME: [illegible]

LST IN UTC: +5

[illegible]
[illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 5	GE 5	GE 4	GE 2	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	43.9	45.1	46.9	47.5	48.2	48.3	[illegible]	49.2	49.5	49.
GE 20000	47.[illegible]	48.7	51.7	52.[illegible]	53.2	53.3	53.7	54.[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	51.9	52.[illegible]	53.[illegible]	53.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	48.1	[illegible]	51.9	52.[illegible]	53.[illegible]	53.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	48.3	50.1	52.2	52.[illegible]	53.[illegible]	54.0	54.2	54.[illegible]	55.2	55.2
GE 12000	49.2	51.3	53.3	54.[illegible]	54.9	55.2	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	52.[illegible]	53.1	57.4	58.2	59.7	[illegible]	[illegible]	[illegible]	61.1	61.1
GE 9000	53.[illegible]	55.[illegible]	57.[illegible]	58.[illegible]	60.4	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.
GE 8000	[illegible]	[illegible]	62.[illegible]	62.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	61.[illegible]	63.4	64.[illegible]	66.1	66.3	[illegible]	67.4	67.[illegible]	67.[illegible]
GE 6000	[illegible]	[illegible]	65.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	71.[illegible]	71.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	71.[illegible]	73.[illegible]	74.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	76.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

A

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] OF HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
UNITS: KOI TIMES: 06-12

CEILING IN STATUTE MILES

[illegible]	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	50.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF

STATION NUMBER: 723085 STATION NAME: [illegible]
LST IN UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES										
	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	1/2
NO CEIL	43.1	49.3	50.1	50.3	50.5	51.2	51.3	50.1	51.1	51.	
25000	53.7	54.7	55.3	55.5	55.7	56.3	56.4	55.7	55.7	55.	
20000	54.4	55.6	56.5	56.7	56.9	57.5	57.6	56.9	56.9	56.	
18000	54.4	55.5	56.3	56.5	56.	57.3	57.4	56.	56.	56.	
16000	54.4	55.5	56.3	56.5	56.	57.3	57.4	56.	56.	56.	
14000	54.8	55.7	56.5	56.8	57.0	57.7	57.8	57.1	57.1	57.	
12000	55.1	55.7	57.1	57.4	57.6	58.3	58.4	57.7	57.7	57.	
10000	60.1	61.5	61.7	62.1	62.	62.7	62.8	62.	62.	62.	
9000	61.1	62.5	62.7	63.1	63.3	63.7	63.8	63.	63.	63.	
8000	64.3	65.5	65.7	66.0	66.2	66.7	66.8	66.	66.	66.	
7000	65.1	66.7	67.4	67.7	68.0	68.4	68.5	67.8	67.8	67.	
6000	69.3	70.8	71.3	69.4	70.1	71.1	71.3	70.1	70.1	70.	
5000	70.1	72.0	72.6	71.1	71.9	72.9	73.1	71.9	71.	71.	
4500	73.0	74.4	74.7	73.1	74.0	74.9	75.1	74.0	74.	74.	
4000	77.3	78.7	79.0	78.1	77.	77.	77.3	77.0	77.	77.	
3500	78.2	79.6	80.0	79.2	79.4	79.4	79.7	79.7	79.7	79.	
3000	82.0	83.7	84.4	84.1	83.2	83.9	84.2	83.9	83.9	83.	
2500	84.1	85.8	86.5	86.2	85.4	86.1	86.4	86.1	86.1	85.	
2000	85.0	86.7	87.4	87.1	86.3	87.	87.3	87.0	87.0	86.	
1800	85.4	87.1	87.8	87.5	86.7	87.4	87.7	87.4	87.4	87.	
1600	85.8	87.5	88.2	87.9	87.1	87.8	88.1	87.8	87.8	87.	
1400	86.3	88.0	88.7	88.4	87.6	88.3	88.6	88.3	88.3	88.	
1200	86.7	88.4	89.1	88.8	88.0	88.7	89.0	88.7	88.7	88.	
1000	87.2	88.9	89.6	89.3	88.5	89.2	89.5	89.2	89.2	89.	
900	87.5	89.2	89.9	89.6	88.8	89.5	89.8	89.5	89.5	89.	
800	87.8	89.5	90.2	89.9	89.1	89.8	90.1	89.8	89.8	89.	
700	88.3	90.0	90.7	90.4	89.6	90.3	90.6	90.3	90.3	90.	
600	88.8	90.5	91.2	90.9	90.1	90.8	91.1	90.8	90.8	90.	
500	89.3	91.0	91.7	91.4	90.6	91.3	91.6	91.3	91.3	91.	
400	89.5	91.2	91.9	91.6	90.8	91.5	91.8	91.5	91.5	91.	
300	89.7	91.4	92.1	91.8	91.0	91.7	92.0	91.7	91.7	91.	
200	89.8	91.5	92.2	91.9	91.1	91.8	92.1	91.8	91.8	91.	
100	89.8	91.5	92.2	91.9	91.1	91.8	92.1	91.8	91.8	91.	
0	89.8	91.5	92.2	91.9	91.1	91.8	92.1	91.8	91.8	91.	

TOTAL NUMBER OF OBSERVATIONS 930

A

PROBABILITY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 74 - JUL [illegible]
[illegible] TIME: [illegible] (LST) YEARS: 09-11

CEILING IN STATUTE MILES

	2	1 1/2	1 1/4	1	3/4	1/2	1/4	1/8	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATIONS LOCATION "A"
USAFTAC, [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: + 5

CEILING	VISIBILITY IN STATUTE

CEILING (FT)										
NO CEIL	[illegible]									
GE 20000	[illegible]									
GE 15000	[illegible]									
GE 10000	[illegible]									
GE 9000	[illegible]									
GE 8000	[illegible]									
GE 7000	[illegible]									
GE 6000	[illegible]									
GE 5000	[illegible]									
GE 4500	[illegible]									
GE 4000	[illegible]									
GE 3500	[illegible]									
GE 3000	[illegible]									
GE 2500	[illegible]									
GE 2000	[illegible]									
GE 1800	[illegible]									
GE 1600	[illegible]									
GE 1400	[illegible]									
GE 1200	[illegible]									
GE 1000	[illegible]									
GE 900	[illegible]									
GE 800	[illegible]									
GE 700	[illegible]									
GE 600	[illegible]									
GE 500	[illegible]									
GE 400	[illegible]									
GE 300	[illegible]									
GE 200	[illegible]									
GE 100	[illegible]									
GE 000	[illegible]									

TOTAL NUMBER OF OBSERVATIONS 330

FREQUENCY OF OCCURRENCE OF PRECIP VERSUS VISIBILITY

[illegible]

STATION: [illegible] PERIOD: JUL 73 - JUN [illegible]
MONTH: OCT HOURS: 12-14

VISIBILITY IN STATUTE MILES

1/4	1/2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] ANNUAL [illegible] VARIATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
[illegible] MONTH: OCT HOURS: 15-17

CEILING IN STATUTE MILES										
[illegible] 1/2	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible] .7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATIONAL LOCATION: NAW
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE FOR ALL OBSERVATIONS

STATION NUMBER: 72306

STATION NAME: BLACK MOUNTAIN

LST IDENTIFIER: +5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	5	4	3	2 1/2	2	1 1/2	1 1/4	1	0
NO CEIL	53.0	53.1	53.9	54.1	54.2	54.2	54.3	54.3	54.4	54.5
GE 20000	56.0	57.7	57.8	57.7	57.8	57.8	57.8	57.8	57.8	57.8
GE 15000	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 10000	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 9000	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 8000	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 7000	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 6000	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 5000	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 4500	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 4000	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 3500	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 3000	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 2500	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 2000	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 1800	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 1500	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 1200	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 1000	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 900	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 800	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 700	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 600	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 500	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 400	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 300	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 200	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 100	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 000	56.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8

TOTAL NUMBER OF OBSERVATIONS 930

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FOR HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 18-20

CEILING IN HUNDREDS OF FEET

VIS IN STATUTE MILES	20+	15	12	10	9	8	7	6	5	4	3
10	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
7	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
5	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
4	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
2 1/2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
2	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
1 1/2	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
1 1/4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
3/4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
5/8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
1/2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
3/8	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
1/4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
10	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
7	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
2 1/2	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
2	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
1 1/2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
1 1/4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
1	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
3/4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
5/8	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
1/2	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
3/8	95.3	95.3	95.3	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
1/4	96.7	96.3	96.3	96.9	97.1	97.1	97.1	97.1	97.2	97.2	97.2
0	97.3	97.3	97.3	97.4	97.7	97.7	97.8	97.8	97.8	98.8	98.8
	97.3	97.3	97.4	97.5	98.0	98.0	98.1	98.2	98.9	100.0	100.0
	97.3	97.3	97.4	97.5	98.0	98.0	98.1	98.2	98.9	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723085 STATION NAME: PEASE AFB NH
LST IN UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	≥ 7	≥ 5	≥ 3	≥ 2	≥ 1 1/2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	0
NO CEIL	54.4	55.2	55.7	56.3	56.5	56.9	57.1	57.3	57.5	57.7
≥ 20000	57.2	58.0	58.5	59.1	59.4	59.8	60.0	60.2	60.4	60.6
≥ 18000	57.3	58.0	58.6	59.1	59.5	59.9	60.1	60.3	60.5	60.7
≥ 16000	57.3	58.0	58.6	59.1	59.6	59.9	60.2	60.4	60.6	60.8
≥ 14000	57.7	58.5	59.1	59.7	60.1	60.3	60.6	60.8	61.0	61.2
≥ 12000	59.6	60.3	61.0	61.6	61.9	62.2	62.5	62.7	62.9	63.1
≥ 10000	63.2	64.1	64.7	65.4	65.7	66.1	66.4	66.6	66.8	66.9
≥ 9000	63.7	64.6	65.2	65.7	66.1	66.5	66.8	67.0	67.2	67.3
≥ 8000	66.1	67.2	67.8	68.5	68.9	69.4	69.7	69.9	70.1	70.2
≥ 7000	67.2	68.3	68.9	69.7	70.4	70.9	71.2	71.5	71.7	71.9
≥ 6000	68.4	69.5	70.2	71.0	71.7	72.2	72.5	72.8	73.0	73.2
≥ 5000	70.3	71.3	72.0	73.0	74.1	74.6	75.1	75.4	75.6	75.8
≥ 4500	70.3	71.4	72.3	73.3	74.3	74.8	75.3	75.6	75.8	76.0
≥ 4000	70.5	71.6	72.6	73.6	74.7	75.2	75.7	76.0	76.2	76.4
≥ 3500	70.6	71.8	72.8	73.9	75.0	75.5	76.0	76.3	76.5	76.7
≥ 3000	70.7	71.9	73.0	74.2	75.3	75.8	76.3	76.6	76.8	77.0
≥ 2500	71.0	72.2	73.3	74.5	75.6	76.1	76.6	76.9	77.1	77.3
≥ 2000	71.4	72.7	73.8	75.0	76.1	76.6	77.1	77.4	77.6	77.8
≥ 1800	71.4	72.7	73.8	75.0	76.1	76.6	77.1	77.4	77.6	77.8
≥ 1500	71.7	73.0	74.1	75.3	76.4	76.9	77.4	77.7	77.9	78.1
≥ 1200	72.4	73.7	74.8	76.0	77.1	77.6	78.1	78.4	78.6	78.8
≥ 1000	73.0	74.3	75.4	76.6	77.7	78.2	78.7	79.0	79.2	79.4
≥ 900	73.3	74.6	75.7	76.9	78.0	78.5	79.0	79.3	79.5	79.7
≥ 800	73.5	74.8	75.9	77.1	78.2	78.7	79.2	79.5	79.7	79.9
≥ 700	73.9	75.2	76.3	77.5	78.6	79.1	79.6	79.9	80.1	80.3
≥ 600	74.4	75.7	76.8	78.0	79.1	79.6	80.1	80.4	80.6	80.8
≥ 500	74.5	75.8	77.0	78.2	79.3	79.8	80.3	80.6	80.8	81.0
≥ 400	74.5	75.8	77.0	78.2	79.4	79.9	80.4	80.7	80.9	81.1
≥ 300	74.5	75.8	77.0	78.2	79.4	79.9	80.4	80.7	80.9	81.1
≥ 200	74.5	75.8	77.0	78.2	79.4	79.9	80.4	80.7	80.9	81.1
≥ 100	74.5	75.8	77.0	78.2	79.4	79.9	80.4	80.7	80.9	81.1
≥ 000	74.5	75.8	77.0	78.2	79.4	79.9	80.4	80.7	80.9	81.1

TOTAL NUMBER OF OBSERVATIONS 230

A

...QUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...FROM AIRWAY OBSERVATIONS

... PERIOD OF RECORD: JUL 74 - OCT ..
MONTH: OCT HOURS: 21-23

CEILING IN STATUTE MILES

...	...	3	2 1/2	2	1 3/4	1 1/2	1 1/4	1	3/4	1/2	1/4	0
.3	57.3	57.3	57.3	57.3	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.4
.3	...3	...3	...3	...3	60.3	60.1	60.1	60.2	60.2	60.2	60.2	60.3
.3	...3	...3	...3	...3	60.3	60.1	60.1	60.2	60.2	60.2	60.2	60.3
.3	...3	...3	...3	...3	60.3	60.1	60.1	60.2	60.2	60.2	60.2	60.3
.3	...3	...3	...3	...3	60.3	60.1	60.1	60.2	60.2	60.2	60.2	60.3
.3	57.3	57.3	57.3	57.3	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.4
.3	...3	...3	...3	...3	66.3	66.1	66.1	66.2	66.2	66.2	66.2	66.3
.3	...3	...3	...3	...3	66.3	66.1	66.1	66.2	66.2	66.2	66.2	66.3
.3	...3	...3	...3	...3	66.3	66.1	66.1	66.2	66.2	66.2	66.2	66.3
.3	...3	...3	...3	...3	66.3	66.1	66.1	66.2	66.2	66.2	66.2	66.3
.3	57.3	57.3	57.3	57.3	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.4
.3	...3	...3	...3	...3	72.3	72.1	72.1	72.2	72.2	72.2	72.2	72.3
.3	...3	...3	...3	...3	72.3	72.1	72.1	72.2	72.2	72.2	72.2	72.3
.3	...3	...3	...3	...3	72.3	72.1	72.1	72.2	72.2	72.2	72.2	72.3
.3	...3	...3	...3	...3	72.3	72.1	72.1	72.2	72.2	72.2	72.2	72.3
.3	57.3	57.3	57.3	57.3	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.4
.3	...3	...3	...3	...3	75.3	75.1	75.1	75.2	75.2	75.2	75.2	75.3
.3	...3	...3	...3	...3	77.3	77.1	77.1	77.2	77.2	77.2	77.2	77.3
.3	...3	...3	...3	...3	77.3	77.1	77.1	77.2	77.2	77.2	77.2	77.3
.3	...3	...3	...3	...3	77.3	77.1	77.1	77.2	77.2	77.2	77.2	77.3
.3	57.3	57.3	57.3	57.3	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.4
.3	...3	...3	...3	...3	79.3	79.1	79.1	79.2	79.2	79.2	79.2	79.3
.3	...3	...3	...3	...3	79.3	79.1	79.1	79.2	79.2	79.2	79.2	79.3
.3	...3	...3	...3	...3	79.3	79.1	79.1	79.2	79.2	79.2	79.2	79.3
.3	...3	...3	...3	...3	79.3	79.1	79.1	79.2	79.2	79.2	79.2	79.3
.3	57.3	57.3	57.3	57.3	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.4
.3	...3	...3	...3	...3	81.3	81.1	81.1	81.2	81.2	81.2	81.2	81.3
.3	...3	...3	...3	...3	81.3	81.1	81.1	81.2	81.2	81.2	81.2	81.3
.3	...3	...3	...3	...3	81.3	81.1	81.1	81.2	81.2	81.2	81.2	81.3
.3	...3	...3	...3	...3	81.3	81.1	81.1	81.2	81.2	81.2	81.2	81.3
.3	57.3	57.3	57.3	57.3	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.4
.3	...3	...3	...3	...3	83.3	83.1	83.1	83.2	83.2	83.2	83.2	83.3
.3	...3	...3	...3	...3	84.3	84.1	84.1	84.2	84.2	84.2	84.2	84.3
.3	...3	...3	...3	...3	85.3	85.1	85.1	85.2	85.2	85.2	85.2	85.3
.3	...3	...3	...3	...3	87.3	87.1	87.1	87.2	87.2	87.2	87.2	87.3
.3	...3	...3	...3	...3	88.3	88.1	88.1	88.2	88.2	88.2	88.2	88.3
.3	57.3	57.3	57.3	57.3	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.4
.3	...3	...3	...3	...3	89.3	89.1	89.1	89.2	89.2	89.2	89.2	89.3
.3	...3	...3	...3	...3	89.3	89.1	89.1	89.2	89.2	89.2	89.2	89.3
.3	...3	...3	...3	...3	89.3	89.1	89.1	89.2	89.2	89.2	89.2	89.3
.3	...3	...3	...3	...3	89.3	89.1	89.1	89.2	89.2	89.2	89.2	89.3
.3	57.3	57.3	57.3	57.3	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.4
.3	...3	...3	...3	...3	91.3	91.1	91.1	91.2	91.2	91.2	91.2	91.3
.3	...3	...3	...3	...3	91.3	91.1	91.1	91.2	91.2	91.2	91.2	91.3
.3	...3	...3	...3	...3	91.3	91.1	91.1	91.2	91.2	91.2	91.2	91.3
.3	...3	...3	...3	...3	91.3	91.1	91.1	91.2	91.2	91.2	91.2	91.3
.3	57.3	57.3	57.3	57.3	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.4
1.3	...3	...3	...3	...3	93.3	93.1	93.1	93.2	93.2	93.2	93.2	93.3
.3	...3	...3	...3	...3	94.3	94.1	94.1	94.2	94.2	94.2	94.2	94.3
.3	...3	...3	...3	...3	95.3	95.1	95.1	95.2	95.2	95.2	95.2	95.3
.3	...3	...3	...3	...3	97.3	97.1	97.1	97.2	97.2	97.2	97.2	97.3
.3	...3	...3	...3	...3	97.3	97.1	97.1	97.2	97.2	97.2	97.2	97.3
.3	...3	...3	...3	...3	97.3	97.1	97.1	97.2	97.2	97.2	97.2	97.3
.3	...3	...3	...3	...3	97.3	97.1	97.1	97.2	97.2	97.2	97.2	97.3
.3	57.3	57.3	57.3	57.3	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.4

OPERATING LOCATION WAW
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY CEILING AND VISIBILITY

STATION NUMBER: 723653 STATION NAME: PLAS [illegible]
LST IS UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1
NO CEIL	49.7	47.6	51.2	51.3	52.1	52.7	53.3	53.4	53.4	53.5
GE 20000	53.3	54.7	55.4	56.1	56.3	56.4	56.5	56.6	56.7	56.7
GE 18000	53.4	55.3	55.5	56.0	56.2	56.7	56.8	56.9	56.9	57.0
GE 15000	53.5	55.3	55.6	56.0	56.3	56.7	56.8	56.9	56.9	57.0
GE 14000	54.2	55.9	56.3	56.4	56.9	57.1	57.2	57.3	57.4	57.4
GE 12000	56.1	57.9	58.7	59.1	59.5	59.8	59.9	60.0	60.1	60.2
GE 10000	58.1	60.3	61.1	61.5	62.1	62.3	62.4	62.5	62.6	62.7
GE 9000	59.2	61.4	61.5	62.0	62.4	62.6	62.7	62.8	62.9	63.1
GE 8000	62.3	64.1	64.3	65.4	66.1	66.3	66.5	66.6	66.7	66.8
GE 7000	64.1	66.5	66.3	66.9	67.5	67.7	67.8	67.9	68.0	68.1
GE 6000	68.1	69.2	69.3	69.4	69.4	69.6	69.7	69.8	69.9	69.9
GE 5000	69.2	69.5	70.5	71.3	72.1	72.3	72.4	72.5	72.6	72.6
GE 4800	71.1	72.7	73.5	74.3	75.1	75.2	75.4	75.5	75.6	75.6
GE 4000	72.3	73.9	75.2	76.0	77.1	77.4	77.6	77.7	77.8	77.8
GE 3500	73.4	77.2	78.2	79.2	79.4	80.1	80.2	80.3	80.4	80.5
GE 3000	77.3	79.3	81.3	81.9	81.9	82.2	82.3	82.5	82.6	82.7
GE 2500	79.3	81.4	82.4	83.2	83.7	83.9	84.0	84.1	84.2	84.3
GE 2000	79.4	81.5	82.5	83.3	84.4	84.6	84.7	84.8	84.9	85.0
GE 1800	79.5	81.6	82.9	83.7	84.7	84.9	85.1	85.3	85.4	85.5
GE 1600	80.1	82.2	83.0	84.4	85.4	85.7	85.9	86.1	86.2	86.3
GE 1200	80.7	82.9	84.3	85.3	86.3	86.6	86.8	87.1	87.2	87.3
GE 1000	81.1	83.3	84.5	85.6	87.0	87.3	87.5	87.8	87.9	88.1
GE 900	81.4	83.7	85.3	86.5	87.9	88.2	88.4	88.7	88.8	88.9
GE 800	81.7	84.1	85.3	86.5	88.1	88.4	88.7	89.0	89.1	89.2
GE 700	82.0	84.4	85.2	87.4	89.0	89.3	89.6	89.8	89.9	90.0
GE 600	82.2	84.7	86.5	87.9	89.5	90.0	90.4	90.7	91.0	91.1
GE 500	82.5	84.9	87.1	88.5	90.7	91.2	91.4	92.3	92.4	92.5
GE 400	82.4	85.0	87.2	88.8	91.3	92.1	92.3	93.2	94.1	94.4
GE 300	82.4	85.0	87.2	88.8	91.5	92.5	93.0	94.2	95.2	95.5
GE 200	82.4	85.0	87.2	88.9	91.5	92.7	93.3	94.1	95.3	96.4
GE 100	82.4	85.0	87.2	88.9	91.5	92.7	93.4	94.2	95.3	96.5
GE 000	82.4	85.0	87.2	88.9	91.5	92.7	93.4	94.2	95.3	96.5

TOTAL NUMBER OF OBSERVATIONS 7440

...L FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...ALL HOURLY OBSERVATIONS

...N PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: OCT HOURS: ALL

CEILING \ VISIBILITY	STATUTE MILES									
	[illegible]	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEI
- BY MONTHLY [illegible] VARIA

STATION NUMBER: 723065 STATION NAME: PEASE AFB NH
LST TO GMT: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	GE 7	GE 5	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/2	GE 1 1/4	GE 1	GE 1/2
NO CEIL	50.2	49.4	50.7	51.0	51.1	51.3	51.[illegible]	52.6	52.[illegible]	52.1
GE 20000	53.4	54.7	52.9	53.2	53.4	53.[illegible]	54.2	54.4	54.[illegible]	54.[illegible]
GE 18000	53.5	53.5	53.6	53.3	53.7	53.7	54.[illegible]	54.[illegible]	54.[illegible]	54.7
GE 16000	53.[illegible]	53.[illegible]	53.[illegible]	53.3	53.7	53.9	54.[illegible]	54.[illegible]	54.[illegible]	54.7
GE 14000	53.7	53.[illegible]	53.1	53.4	53.3	54.0	54.[illegible]	54.7	54.7	54.[illegible]
GE 12000	53.2	53.4	53.7	54.[illegible]	54.3	54.[illegible]	55.[illegible]	55.2	55.[illegible]	55.[illegible]
GE 10000	56.[illegible]	56.[illegible]	56.2	56.7	57.1	57.3	57.[illegible]	57.[illegible]	57.[illegible]	57.1
GE 9000	57.[illegible]	57.1	57.5	57.[illegible]	58.4	58.7	59.1	59.[illegible]	59.[illegible]	59.4
GE 8000	59.[illegible]	59.[illegible]	59.8	60.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	62.4	62.[illegible]	62.[illegible]
GE 7000	63.[illegible]	63.[illegible]	64.4	65.[illegible]	65.7	66.[illegible]	66.[illegible]	66.5	66.5	66.7
GE 6000	67.[illegible]	67.[illegible]	68.5	69.[illegible]	69.[illegible]	69.[illegible]	69.[illegible]	69.[illegible]	69.[illegible]	69.[illegible]
GE 5000	69.[illegible]	69.[illegible]	69.[illegible]	69.7	69.[illegible]	69.[illegible]	69.[illegible]	69.[illegible]	69.[illegible]	69.[illegible]
GE 4500	69.[illegible]	69.[illegible]	69.[illegible]	69.[illegible]	70.7	70.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.7
GE 4000	70.[illegible]	70.4	71.[illegible]	71.7	72.[illegible]	72.[illegible]	73.[illegible]	73.7	73.[illegible]	73.[illegible]
GE 3500	72.7	72.[illegible]	72.1	72.[illegible]	73.1	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]
GE 3000	73.[illegible]	73.[illegible]	74.[illegible]	75.1	75.4	75.7	77.[illegible]	77.[illegible]	77.[illegible]	77.7
GE 2500	75.[illegible]	75.[illegible]	76.[illegible]	77.[illegible]	77.[illegible]	77.1	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]
GE 2200	75.[illegible]	75.[illegible]	76.[illegible]	77.[illegible]	78.[illegible]	78.1	78.[illegible]	78.[illegible]	78.[illegible]	78.[illegible]
GE 2000	77.1	77.[illegible]	78.[illegible]	78.1	78.4	78.7	79.[illegible]	79.[illegible]	79.[illegible]	79.7
GE 1800	77.[illegible]	77.4	78.4	78.7	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]
GE 1600	77.[illegible]	77.[illegible]	78.[illegible]	78.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]
GE 1400	77.[illegible]	77.[illegible]	78.[illegible]	78.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]
GE 1200	77.[illegible]	77.[illegible]	78.[illegible]	78.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]
GE 1000	77.4	77.[illegible]	78.[illegible]	78.[illegible]	79.1	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.7
GE 900	77.[illegible]	77.[illegible]	78.[illegible]	78.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]
GE 800	77.[illegible]	77.[illegible]	78.[illegible]	78.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]
GE 700	77.[illegible]	77.[illegible]	78.[illegible]	78.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]
GE 600	77.1	77.7	78.1	78.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]
GE 500	77.1	77.7	78.2	78.1	79.1	79.4	79.[illegible]	79.7	79.[illegible]	79.[illegible]
GE 400	77.1	77.7	78.2	78.3	79.3	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]
GE 300	77.1	77.7	78.2	78.4	79.5	79.[illegible]	79.[illegible]	79.7	79.[illegible]	79.[illegible]
GE 200	77.1	77.7	78.2	78.4	79.5	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]
GE 100	77.1	77.7	78.2	78.4	79.5	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]
GE 000	77.1	77.7	78.2	78.4	79.5	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]

TOTAL NUMBER OF OBSERVATIONS 903

[illegible] - 2 - 91

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
(ALL HOURLY OBSERVATIONS)

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: NOV HOURS: 20-22

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES	10+	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	1/2	3/8	1/4	0
10+	61.7	62.[illegible]	62.[illegible]	62.[illegible]	62.[illegible]	62.[illegible]	62.[illegible]	62.[illegible]	62.[illegible]	62.[illegible]	62.[illegible]	62.[illegible]	62.[illegible]	62.[illegible]	62.[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2 1/2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1 1/2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1 1/4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3/4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1/2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "AW"
USAFSTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF OBS

STATION NUMBER: 723136 STATION NAME: ASHEVILLE NC
LST IN UTC: 12

CEILING VISIBILITY IN STATUTE MILES

CEILING IN FEET	0	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2
NO CEIL	49.7	50.2	50.3	51.1	51.4	51.7	51.9	52.2	52.4
GE 20000	51.6	51.7	52.0	52.2	53.2	53.4	53.7	54.0	54.
GE 15000	52.3	52.6	53.1	53.4	53.8	54.2	54.2	54.5	54.
GE 14000	52.3	52.6	53.1	53.4	53.	54.2	54.2	54.5	54.
GE 13000	52.3	52.6	53.1	53.4	53.	54.2	54.2	54.5	54.
GE 12000	52.3	53.4	54.0	54.3	54.7	55.1	55.4	55.8	56.
GE 10000	53.2	53.5	53.8	54.7	57.3	57.6	57.9	58.2	58.
GE 9000	53.2	53.5	57.4	57.	57.4	57.7	57.9	58.2	58.
GE 8000	53.7	53.9	61.5	61.	62.3	62.6	62.9	63.	63.
GE 7000	61.5	61.7	62.3	63.1	63.	64.2	64.5	64.7	64.
GE 6000	61.5	61.7	63.	64.2	64.	65.3	65.6	65.7	66.
GE 5000	64.	64.	64.1	65.0	67.3	67.6	67.9	68.	68.
GE 4500	65.7	65.7	67.3	67.1	67.4	67.7	67.9	68.1	68.
GE 4000	67.3	67.5	70.	69.7	71.3	71.6	71.9	72.1	72.
GE 3500	71.	71.2	72.7	73.	73.7	74.0	74.2	74.5	74.
GE 3000	73.4	73.6	73.	73.7	74.	74.3	74.5	74.8	75.
GE 2500	73.7	73.	74.5	75.4	76.2	76.5	76.8	77.	77.
GE 2200	74.1	74.4	75.2	77.2	77.5	77.	78.	78.	78.
GE 2000	74.3	75.1	77.	77.9	78.2	78.5	78.	79.	79.
GE 1800	75.1	77.4	77.9	78.2	78.5	78.8	79.	79.	79.
GE 1600	77.1	77.4	77.9	78.2	78.5	78.8	79.	79.	79.
GE 1400	77.1	77.4	77.9	78.2	78.5	78.8	79.	79.	79.
GE 1200	77.1	77.4	77.9	78.2	78.5	78.8	79.	79.	79.
GE 1000	77.1	77.4	77.9	78.2	78.5	78.8	79.	79.	79.
GE 900	77.1	77.4	77.9	78.2	78.5	78.8	79.	79.	79.
GE 800	77.1	77.4	77.9	78.2	78.5	78.8	79.	79.	79.
GE 700	77.1	77.4	77.9	78.2	78.5	78.8	79.	79.	79.
GE 600	77.1	77.4	77.9	78.2	78.5	78.8	79.	79.	79.
GE 500	77.1	77.4	77.9	78.2	78.5	78.8	79.	79.	79.
GE 400	77.1	77.4	77.9	78.2	78.5	78.8	79.	79.	79.
GE 300	77.1	77.4	77.9	78.2	78.5	78.8	79.	79.	79.
GE 200	77.1	77.4	77.9	78.2	78.5	78.8	79.	79.	79.
GE 100	77.1	77.4	77.9	78.2	78.5	78.8	79.	79.	79.
GE 000	77.1	77.4	77.9	78.2	78.5	78.8	79.	79.	79.

TOTAL NUMBER OF OBSERVATIONS 900

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUL [illegible]
MONTH: NOV HOURS: 23-05

CEILING IN STATUTE MILES

		2 1/2	2	1 1/2	1	3/4	1/2	1/4	0	
1.7	51.4	52.2	52.2	52.4	52.5	52.7	53.0	53.0	53.0	53.4
.4	54.7	54.9	54.9	54.2	54.3	54.4	54.5	54.5	54.5	54.9
.3	54.2	54.5	54.5	54.7	54.9	55.1	55.1	55.1	55.1	55.4
.4	54.9	54.9	54.9	54.9	54.9	55.2	55.1	55.1	55.4	55.8
.3	54.2	54.2	54.2	54.2	54.2	54.9	54.1	54.1	54.5	55.1
.3	53.1	53.4	53.4	53.7	53.8	53.9	53.9	53.9	54.4	54.7
.3	7.4	7.5	7.6	7.6	8.0	8.1	8.2	8.3	.1	50.3
.7	50.1	50.2	50.2	50.4	50.5	50.7	50.8	50.8	50.8	50.9
.7	53.0	53.2	53.2	53.4	53.7	53.8	53.9	54.1	54.4	54.7
.3	24.7	25.7	25.7	25.8	26.1	26.2	26.4	26.4	26.8	56.1
.3	55.5	55.7	55.7	55.7	56.1	56.2	56.4	56.4	56.8	57.1
.4	70.3	70.5	70.6	70.8	71.0	71.1	71.2	71.3	71.8	73.3
.4	70.7	71.1	71.1	71.2	71.5	71.6	71.6	71.6	71.8	71.9
.3	71.4	71.6	71.6	71.7	72.0	72.4	72.7	72.9	73.4	73.7
.4	73.4	73.7	73.7	73.8	74.1	74.2	74.4	74.7	75.2	75.4
.1	76.5	76.6	76.6	76.7	76.9	76.9	76.9	77.0	77.3	77.5
.4	77.1	77.4	77.4	77.6	78.0	78.1	78.2	78.4	78.8	79.3
.4	79.6	79.9	79.9	79.7	79.9	80.0	80.0	80.1	80.5	81.2
.4	80.6	80.9	80.9	81.0	81.2	81.3	81.3	81.4	81.8	82.3
.1	1.3	1.4	1.4	1.5	1.7	1.8	1.8	1.9	2.3	82.7
.4	83.3	83.4	83.4	83.7	83.9	84.0	84.0	84.1	84.5	85.2
.1	6.3	6.4	6.4	6.5	6.7	6.8	6.8	6.9	7.4	8.7
.4	6.9	7.0	7.0	7.0	7.1	7.1	7.2	7.2	7.6	88.4
.4	87.6	87.9	87.9	87.7	87.9	88.0	88.0	88.1	88.5	89.3
.7	7.8	8.0	8.0	8.1	8.3	8.4	8.4	8.5	8.9	90.0
.4	90.1	90.4	90.4	90.5	90.7	90.8	90.8	90.9	91.3	91.4
.4	91.0	91.1	91.2	91.3	91.5	91.6	92.0	92.1	93.3	93.3
.4	93.6	93.8	93.8	93.9	93.9	94.0	94.3	94.4	95.1	95.1
.7	95.2	95.3	95.4	95.4	95.5	95.6	95.7	95.8	96.3	96.3
.7	96.4	96.6	96.6	96.8	96.9	97.0	97.0	97.2	97.5	97.7
.7	97.8	98.0	98.0	98.2	98.3	98.4	98.4	98.5	98.9	100.0
.7	77.6	77.9	78.0	78.2	78.3	78.5	78.6	78.7	79.1	80.0

[illegible] - [illegible] - [illegible]

B

OPERATING LOCATION "AA"
OCAMPICA, ADA VILLE NO

STATION ELEVATION: 72.00 STATION ANEMOMETER HEIGHT: 20.00
LST TO UTC: + 5

CEILING FEET	VISIBILITY IN STATUTE MILES									
	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
22 OVC	46.4	54.0	54.7	45.7	48.1	49.4	49.7	49.7	49.7	49.7
21 2000	47.0	54.4	54.8	47.3	48.7	49.1	49.5	49.5	49.5	49.5
20 1500	47.1	54.7	54.7	47.7	48.9	49.3	49.6	49.6	49.6	49.6
19 1400	47.3	54.8	54.8	47.8	49.1	49.5	49.8	49.8	49.8	49.8
18 1300	47.3	54.8	54.8	47.8	49.1	49.5	49.8	49.8	49.8	49.8
17 1200	47.3	54.8	54.8	47.8	49.1	49.5	49.8	49.8	49.8	49.8
16 1100	47.3	54.8	54.8	47.8	49.1	49.5	49.8	49.8	49.8	49.8
15 1000	47.3	54.8	54.8	47.8	49.1	49.5	49.8	49.8	49.8	49.8
14 900	47.3	54.8	54.8	47.8	49.1	49.5	49.8	49.8	49.8	49.8
13 800	47.3	54.8	54.8	47.8	49.1	49.5	49.8	49.8	49.8	49.8
12 700	47.3	54.8	54.8	47.8	49.1	49.5	49.8	49.8	49.8	49.8
11 600	47.3	54.8	54.8	47.8	49.1	49.5	49.8	49.8	49.8	49.8
10 500	47.3	54.8	54.8	47.8	49.1	49.5	49.8	49.8	49.8	49.8
9 400	47.3	54.8	54.8	47.8	49.1	49.5	49.8	49.8	49.8	49.8
8 300	47.3	54.8	54.8	47.8	49.1	49.5	49.8	49.8	49.8	49.8
7 200	47.3	54.8	54.8	47.8	49.1	49.5	49.8	49.8	49.8	49.8
6 100	47.3	54.8	54.8	47.8	49.1	49.5	49.8	49.8	49.8	49.8
5 000	47.3	54.8	54.8	47.8	49.1	49.5	49.8	49.8	49.8	49.8

TOTAL NUMBER OF RECORDS/ATTEMPTS 220

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

[illegible] WEATHER [illegible]

[illegible] PERIOD OF RECORD: JUL 77 - JUL [illegible]

[illegible] MONTH: NOV HOURS: 00-24

CEILING IN STATUTE MILES

[illegible]	[illegible]	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION: WAW
USAFETAC, SCATTLE, WA

STATION NUMBER: 7[illegible] STATION NAME: [illegible]
LAT LONG: [illegible]

CEILING | VISIBILITY IN STATUTE MILES

PCT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUL [illegible]
MONTH: NOV HOURS: 00-11

CEILING IN STATUTE MILES

[illegible]	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION: NAW — PERCENTAGE FREQUENCY OF OCCURRENCE FOR THE
USAFETAC, ASHEVILLE, NC — MONTHLY DATA

STATION NUMBER: 72306 — STATION NAME: PEASE AFB, NH — (DATE)
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	41.5	41.5	41.5	41.5	41.5	41.7	41.7	41.7	41.7	41.7
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 15000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	43.3	43.3	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1
GE 12000	51.4	51.4	51.5	51.5	51.5	51.7	51.7	51.7	51.7	51.7
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 900

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FOR MONTHLY OBSERVATIONS

PERIOD OF RECORD: JUL 77 - JUL 79
MONTH: NOV HOURS: 12-14

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES										
1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
95.2	95.2	95.2	95.2	96.1	96.1	96.1	96.2	96.2	96.2	96.2
98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3
99.3	99.3	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEI
FOR ARMY AVIATION

STATION NUMBER: 72305

STATION NAME: PEASE AFB NH

LST TO UTC: + 5

PERIOD
MONTH:

CEILING IN FEET		VISIBILITY IN STATUTE MILES									
		7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL		43.3	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.
GE	20000	43.3	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.
GE	18000	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.
GE	16000	43.3	43.6	43.6	43.6	43.6	43.6	43.7	43.7	43.7	43.
GE	14000	50.2	50.7	50.7	50.7	50.7	50.7	50.2	50.2	50.2	50.
GE	12000	51.3	51.7	51.7	51.7	51.7	51.7	51.3	51.3	51.	51.
GE	10000	53.8	54.2	54.2	54.2	54.2	54.2	53.8	53.8	53.8	53.
GE	9000	54.4	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.
GE	8000	55.7	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.
GE	7000	58.1	58.8	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.
GE	6000	60.1	61.3	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.
GE	5000	64.1	64.	65.1	65.3	65.3	65.3	65.3	65.3	65.	65.
GE	4500	66.1	67.4	67.3	67.4	67.5	67.5	67.7	67.7	67.7	67.
GE	4000	70.3	71.1	71.4	72.1	72.2	72.2	72.3	72.3	72.3	72.
GE	3500	72.4	73.7	74.3	75.3	75.1	75.1	75.4	75.4	75.4	75.
GE	3000	75.3	75.4	77.6	78.4	78.7	78.7	79.1	79.1	79.1	79.
GE	2500	77.5	78.4	81.3	82.3	82.5	82.	82.4	82.4	82.	82.
GE	2000	80.1	81.4	82.5	83.3	83.5	83.7	84.2	84.2	84.2	84.
GE	1500	81.2	82.2	83.3	84.3	84.5	84.7	85.1	85.1	85.1	85.
GE	1000	82.2	83.2	84.3	85.7	86.0	86.2	86.3	86.6	86.6	86.
GE	900	82.8	83.8	85.0	86.4	87.1	87.3	87.7	87.7	87.7	87.
GE	800	83.4	84.4	85.7	87.1	88.1	88.4	88.8	88.8	88.8	88.
GE	700	83.7	84.8	86.0	87.5	88.5	89.0	89.4	89.4	89.4	89.
GE	600	84.	85.4	86.7	88.3	89.6	90.3	90.5	90.7	90.7	90.
GE	500	84.4	85.8	87.0	88.8	91.3	92.4	93.4	93.9	94.0	94.
GE	400	84.4	85.8	87.1	89.7	91.4	92.6	93.6	94.4	94.	94.
GE	300	84.4	85.8	87.2	89.9	91.9	93.3	95.2	95.9	95.9	95.
GE	200	84.5	86.0	87.3	90.1	92.5	94.2	96.1	96.9	97.0	97.
GE	100	84.5	86.0	87.3	90.1	92.5	94.2	96.2	97.2	97.2	98.
GE	000	84.5	86.0	87.3	90.1	92.5	94.2	96.2	97.2	97.4	98.

TOTAL NUMBER OF OBSERVATIONS 900

...E FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...IN HOURLY OBSERVATIONS

...

PERIOD OF RECORD: JUL 7[illegible] - JUN 8[illegible]
MONTH: NOV HOURS: 15-17

VISIBILITY IN STATUTE MILES

... 1/2	...	... 1 1/2	... 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
...7	...	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
...	...	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
...6	...3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
...7	...7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
...7	...1	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
...4	...3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
...1	...2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
...4	...5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
...1	...2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
...4	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
...3	...3	...3	...3	...3	...3	...3	56.3	56.3	56.3	56.3
...3	...7	...7	...7	...7	63.7	63.7	63.7	63.7	63.7	63.7
...3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
...1	...4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
...7	...9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
...	...4	82.4	...4	...4	82.9	82.9	82.9	82.9	82.9	82.9
...3	...3	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
...7	...1	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
...3	...3	...3	...3	...3	85.7	85.7	85.7	85.7	85.7	85.7
87.3	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
...4	...3	89.3	89.3	89.3	89.1	89.1	89.1	89.1	89.1	89.1
...1	...4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5
...3	...3	90.3	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8
...2	...2	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0
93.4	93.4	93.9	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3
...2	...3	94.4	94.5	94.5	95.1	95.1	95.1	95.1	95.1	95.1
...3	...2	95.2	95.2	95.2	95.5	95.5	95.7	95.7	95.7	95.7
...7	...1	96.9	97.4	97.4	98.2	98.2	98.3	98.5	98.5	98.5
...2	...2	97.2	97.3	98.2	98.3	98.3	98.3	98.4	98.5	98.9
...2	...2	97.2	97.3	98.2	98.3	98.3	99.4	99.5	99.9	100.0
...2	...2	97.2	97.3	98.2	98.3	98.3	99.4	99.5	99.9	100.0

...

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY COMBINATIONS

STATION NUMBER: 723065 STATION NAME: BRASELTON, GA
LST TO UTC: +5

ALL HOURS

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	47.3	48.7	50.0	50.3	50.4	50.7	50.8	50.8	50.8	50.8
GE 20000	52.1	52.4	52.8	53.1	53.2	53.4	53.6	53.6	53.6	53.7
GE 15000	52.2	52.7	53.2	53.3	53.4	53.7	53.8	53.9	53.9	53.9
GE 14000	52.3	52.7	53.3	53.3	53.4	53.7	53.8	53.9	53.9	53.9
GE 13000	52.7	53.2	53.4	53.7	53.8	54.2	54.1	54.1	54.1	54.2
GE 12000	53.1	53.6	54.3	54.6	54.7	55.1	55.2	55.2	55.2	55.3
GE 10000	55.2	55.7	56.2	56.7	56.8	57.2	57.3	57.3	57.3	57.4
GE 9000	55.2	55.8	56.2	57.0	57.1	57.5	57.6	57.6	57.6	57.7
GE 8000	56.1	56.7	57.2	57.7	57.8	58.2	58.3	58.3	58.3	58.4
GE 7000	58.0	58.6	59.2	59.7	59.8	60.2	60.3	60.3	60.3	60.4
GE 6000	62.7	63.3	64.1	64.7	64.9	65.1	65.2	65.2	65.2	65.3
GE 5000	65.3	66.2	67.3	68.0	68.2	68.7	68.8	68.8	68.8	68.9
GE 4500	67.3	68.2	69.4	70.3	71.1	71.8	71.9	71.9	71.9	72.0
GE 4000	70.3	71.3	72.4	73.3	74.1	74.8	74.9	75.0	75.0	75.1
GE 3500	71.3	72.3	73.4	74.3	75.1	75.8	76.0	76.0	76.0	76.1
GE 3000	75.1	76.1	77.4	78.1	78.9	79.6	79.8	79.8	79.8	79.9
GE 2500	77.3	78.5	80.0	80.8	81.6	82.3	82.5	82.5	82.5	82.6
GE 2000	80.3	81.1	82.6	83.4	84.3	84.9	85.1	85.2	85.2	85.3
GE 1800	80.5	81.7	83.1	84.0	84.9	85.5	85.8	85.8	85.8	85.9
GE 1500	81.8	83.2	84.1	85.2	86.2	87.0	87.2	87.2	87.2	87.4
GE 1200	82.9	84.5	86.4	86.6	87.7	88.4	88.6	88.6	88.6	88.7
GE 1000	87.3	88.9	90.9	91.1	93.5	94.1	94.4	94.4	94.4	94.5
GE 900	88.1	89.1	90.8	92.5	93.9	94.6	94.8	94.9	94.9	95.0
GE 800	88.3	89.4	91.2	92.9	94.3	95.0	95.2	95.3	95.3	95.4
GE 700	88.7	89.8	91.6	93.4	94.8	95.4	95.6	95.7	95.7	95.8
GE 600	89.2	90.4	92.3	94.1	95.5	96.1	96.3	96.4	96.4	96.5
GE 500	89.7	91.0	92.9	94.7	96.1	96.7	96.9	97.0	97.0	97.1
GE 400	89.7	91.0	92.9	94.7	96.1	96.7	96.9	97.0	97.0	97.1
GE 300	89.7	91.0	92.9	94.7	96.1	96.7	96.9	97.0	97.0	97.1
GE 200	89.7	91.0	92.9	94.7	96.1	96.7	96.9	97.0	97.0	97.1
GE 100	89.7	91.0	92.9	94.7	96.1	96.7	96.9	97.0	97.0	97.1
GE 000	89.7	91.0	92.9	94.7	96.1	96.7	96.9	97.0	97.0	97.1

TOTAL NUMBER OF OBSERVATIONS 900

5 - 2 - 97

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ALL WEATHER OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN [illegible]
MONTH: NOV HOURS: 1-20

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES	10+	10	7	5	4	3	2	1 1/2	1	1/2	0
10	50.7	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9
7	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7
5	53.7	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
4	53.7	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
3	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
2	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
1 1/2	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
1 1/4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6
1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
3/4	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
5/8	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
1/2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4
3/8	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
1/4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
0	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
10	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
7	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
4	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
3	94.2	94.2	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
2	95.6	95.7	95.8	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
1 1/2	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
1 1/4	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
1	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
3/4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	100.0
5/8	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	100.0

B

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY OBSERVATIONS
USAFETAC, ASHEVILLE NC

STATION NUMBER: 723060 STATION NAME: [illegible] AFB [illegible] — PERIOD OF RECORD: [illegible]
LST TO UTC: + 5 — UNITS: [illegible]

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	50.3	51.5	53.3	51.0	51.2	51.4	51.4	51.5	51.6	51.7
GE 20000	52.4	52.7	53.0	53.1	53.3	53.5	53.6	53.7	53.7	53.8
GE 15000	52.5	52.8	53.1	53.2	53.4	53.7	53.7	53.8	53.8	53.9
GE 14000	52.5	52.8	53.1	53.2	53.4	53.7	53.7	53.8	53.8	53.9
GE 12000	52.7	52.9	53.2	53.3	53.5	53.8	53.8	53.9	53.9	54.0
GE 10000	53.4	54.7	54.0	54.1	54.3	54.6	54.6	54.7	54.7	54.8
GE 9000	55.2	56.5	56.9	56.2	56.7	56.9	56.9	57.0	57.0	57.1
GE 8000	55.2	56.5	57.0	57.2	57.7	57.9	57.9	58.0	58.0	58.1
GE 7000	59.2	59.5	59.9	60.0	60.4	61.3	61.4	61.5	61.6	61.7
GE 6000	62.3	63.1	63.5	63.7	63.7	64.1	64.2	64.3	64.4	64.5
GE 5000	63.2	63.9	64.3	64.4	65.1	65.4	65.6	65.7	65.8	65.9
GE 4500	66.2	66.9	67.3	67.5	68.2	68.5	68.6	68.7	68.8	68.9
GE 4000	69.1	69.1	69.7	69.9	70.6	71.1	71.2	71.4	71.4	71.5
GE 3500	70.2	71.2	71.8	72.0	72.7	73.2	73.3	73.5	73.7	73.8
GE 3000	71.2	72.0	72.7	72.9	73.7	74.2	74.3	74.5	74.7	74.8
GE 2500	73.3	74.1	75.7	75.9	76.9	77.4	77.6	77.8	77.9	78.0
GE 2000	75.2	77.2	78.2	78.7	79.7	80.2	80.3	80.5	80.6	80.7
GE 1800	75.4	77.4	78.4	78.9	79.9	80.4	80.5	80.7	80.8	80.9
GE 1600	75.4	77.4	78.4	79.0	80.1	80.6	80.7	80.9	81.0	81.1
GE 1400	76.2	78.4	81.5	82.1	83.4	84.3	84.5	84.6	84.8	84.9
GE 1200	81.7	84.1	84.3	85.0	86.3	87.0	87.2	87.4	87.6	87.8
GE 1000	81.9	84.4	84.7	85.8	87.2	88.0	88.2	88.4	88.6	88.8
GE 900	82.1	84.6	85.0	86.3	87.6	88.5	88.7	88.9	89.1	89.3
GE 800	82.3	84.8	85.3	86.5	87.9	88.7	89.0	89.2	89.4	89.6
GE 700	82.5	85.0	85.5	86.8	88.1	89.0	89.3	89.5	89.7	89.9
GE 600	82.7	85.0	85.6	87.7	89.4	90.1	90.3	90.4	90.6	90.7
GE 500	82.8	85.1	85.8	87.9	91.1	93.4	94.1	94.4	94.6	95.3
GE 400	82.8	85.2	85.8	88.3	91.9	94.7	95.3	95.6	95.8	96.5
GE 300	82.8	85.2	85.8	88.4	92.3	95.5	96.3	97.6	97.7	98.2
GE 200	82.8	85.2	85.8	88.4	92.3	95.6	96.5	97.7	98.1	98.7
GE 100	82.8	85.2	85.8	88.4	92.3	95.6	96.5	97.7	98.1	98.7
GE 000	82.8	85.2	85.8	88.4	92.3	95.6	96.5	97.7	98.1	98.7

TOTAL NUMBER OF OBSERVATIONS 900

[illegible] - 3 - [illegible]

A

...QUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...HOURLY OBSERVATIONS

... PERIOD OF RECORD: JUL 7[illegible] - JUL [illegible]
MONTH: NOV HOURS: 21-23

CEILING IN STATUTE MILES

...	...	...	1 1/2	1 1/4	1	3/4	1/2	1/2	3/8	1/4	0
...	...	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
...	...	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
...	...	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
...	...	...	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0
...	...	...	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8
...	...	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
...	...	...	...	...	58.1	58.1	58.1	58.1	58.1	58.1	58.1
...	...	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
...	...	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
...	...	...	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
...	...	...	...	...	69.2	69.2	69.2	69.2	69.2	69.2	69.2
...	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
...	...	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
...	...	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
...	...	...	...	...	79.2	79.2	79.2	79.2	79.2	79.2	79.2
...	...	...	...	1.3	41.0	41.0	41.0	41.0	41.0	41.0	41.0
...	...	...	...	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
...	...	...	...	...	44.8	44.8	44.8	44.8	44.8	44.8	44.8
...	...	...	...	...	47.2	47.2	47.2	47.2	47.2	47.2	47.2
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	9.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
...	...	...	...	...	89.8	89.8	89.8	89.8	89.8	89.8	89.8
...	...	...	...	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
...	...	...	...	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
...	...	...	...	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
...	...	...	...	...	95.3	95.4	95.4	95.4	95.4	95.4	95.4
...	...	...	...	...	96.7	96.7	96.7	96.8	96.8	96.8	96.8
...	...	...	...	...	98.3	98.4	98.4	98.4	98.5	98.5	98.5
...	...	...	...	...	99.0	99.2	99.3	99.3	99.4	99.4	99.4
...	...	...	...	...	99.3	99.6	99.8	99.8	100.0	100.0	100.0
...	...	...	...	...	99.3	99.6	99.8	99.8	100.0	100.0	100.0

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
FOR MONTHLY AND ANNUAL

STATION NUMBER: 723253 STATION NAME: PEASE AFB NH
LST IN UTC: + 5

CEILING VISIBILITY IN STATUTE MILES

IN FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	46.5	46.9	47.1	47.3	47.4	47.6	47.7	47.9	47.9	47.9
GE 20000	50.4	50.7	51.1	51.3	51.4	51.6	51.7	51.9	51.9	51.9
GE 18000	50.7	51.1	51.5	51.7	51.8	52.0	52.1	52.3	52.3	52.4
GE 15000	50.9	51.2	51.6	51.7	51.9	52.1	52.2	52.3	52.3	52.4
GE 14000	51.2	51.7	52.0	52.2	52.3	52.5	52.7	52.8	52.8	52.9
GE 12000	52.2	52.7	53.2	53.3	53.4	53.6	53.7	53.9	53.9	54.0
GE 10000	53.2	53.6	54.0	54.2	54.3	54.5	54.7	54.9	54.9	55.0
GE 9000	53.3	53.8	54.2	54.3	54.4	54.6	54.8	55.0	55.0	55.1
GE 8000	53.6	53.8	54.2	54.3	54.4	54.6	54.8	55.0	55.0	55.1
GE 7000	53.8	54.2	54.5	54.6	54.7	54.9	55.1	55.3	55.3	55.4
GE 6000	54.1	54.4	54.8	54.9	55.0	55.2	55.4	55.6	55.6	55.7
GE 5000	54.3	54.8	55.2	55.4	55.5	55.7	55.9	56.1	56.1	56.2
GE 4500	54.5	54.9	55.3	55.5	55.6	55.8	56.0	56.2	56.2	56.3
GE 4000	55.1	55.5	55.9	56.1	56.2	56.4	56.6	56.8	56.8	56.9
GE 3500	56.1	56.5	56.9	57.1	57.2	57.4	57.6	57.8	57.8	57.9
GE 3000	56.3	56.8	57.2	57.4	57.5	57.7	57.9	58.1	58.1	58.2
GE 2500	56.8	57.4	57.8	58.0	58.1	58.4	58.6	58.8	58.8	58.9
GE 2000	57.2	57.8	58.2	58.4	58.5	58.8	59.0	59.2	59.2	59.3
GE 1800	57.4	57.9	58.3	58.5	58.6	58.9	59.1	59.3	59.3	59.4
GE 1600	57.5	58.0	58.4	58.6	58.7	59.0	59.2	59.4	59.4	59.5
GE 1400	57.7	58.2	58.6	58.8	58.9	59.2	59.4	59.6	59.6	59.7
GE 1200	58.0	58.5	58.9	59.1	59.2	59.5	59.7	59.9	59.9	60.0
GE 1000	58.1	58.6	59.0	59.2	59.3	59.6	59.8	60.0	60.0	60.1
GE 900	58.2	58.7	59.1	59.3	59.4	59.7	59.9	60.1	60.1	60.2
GE 800	58.3	58.8	59.2	59.4	59.5	59.8	60.0	60.2	60.2	60.3
GE 700	58.4	58.9	59.3	59.5	59.6	59.9	60.1	60.3	60.3	60.4
GE 600	58.5	59.0	59.4	59.6	59.7	60.0	60.2	60.4	60.4	60.5
GE 500	58.5	59.0	59.4	59.6	59.7	60.0	60.2	60.4	60.4	60.5

TOTAL NUMBER OF OBSERVATIONS 7200

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] FOR FIXED WING AIRCRAFTS

[illegible] PERIOD OF RECORD: JUL 73 - JUN 83
MONTH: NOV HOURS: ALL

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES										
1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.1	47.1	48.2	48.3
1.7	1.7	51.9	51.9	52.0	52.0	52.0	52.1	52.1	52.2	52.3
52.1	52.1	52.3	52.3	52.4	52.4	52.4	52.5	52.5	52.6	52.7
52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	53.1	53.3
53.6	53.7	53.8	53.8	54.0	54.0	54.0	54.1	54.1	54.2	54.3
56.7	56.7	56.8	56.8	56.9	57.0	57.0	57.1	57.1	57.2	57.3
57.7	57.8	57.9	57.9	58.1	58.1	58.2	58.2	58.2	58.3	58.4
61.6	61.7	61.8	61.8	62.0	62.0	62.1	62.1	62.1	62.2	62.3
62.7	62.8	62.8	62.8	63.1	63.2	63.2	63.3	63.3	63.4	63.5
64.6	64.6	64.7	64.8	64.7	64.7	64.7	64.8	64.9	65.0	65.1
67.0	67.0	67.1	67.1	67.7	67.7	67.8	67.9	67.9	67.9	68.1
69.0	69.2	69.4	69.5	70.1	70.1	70.1	70.2	70.3	70.3	70.4
72.0	72.0	72.3	72.3	72.5	72.6	72.6	72.6	72.7	72.8	72.9
74.2	74.3	74.4	74.5	74.8	74.8	74.7	74.8	74.8	74.9	75.0
77.0	77.0	77.0	77.0	77.0	77.0	77.7	77.8	77.8	77.8	78.0
79.0	79.7	79.8	79.8	80.1	80.1	80.2	80.3	80.3	80.4	80.5
82.0	82.1	82.1	82.2	82.2	82.3	82.3	82.4	82.5	82.6	82.7
83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.1	83.2
84.2	84.2	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.7	84.8
86.0	86.0	86.1	86.1	86.2	86.2	86.3	86.4	86.4	86.5	86.7
87.0	87.1	87.2	87.3	87.4	87.4	87.5	87.5	87.6	87.7	87.8
88.0	88.1	88.1	88.1	88.3	88.4	88.4	88.5	88.6	88.7	88.8
89.0	89.1	89.1	89.1	89.4	89.5	89.5	89.6	89.7	89.8	89.9
90.2	90.2	90.3	90.4	90.7	90.7	90.8	90.8	91.0	91.0	91.1
91.3	91.3	91.3	91.3	92.3	92.4	92.5	92.6	92.6	92.7	92.8
93.0	93.0	93.0	93.2	93.3	93.4	93.9	94.0	94.1	94.2	94.3
94.4	94.4	94.5	94.5	95.0	95.4	95.4	95.7	95.7	95.9	96.0
96.1	96.1	96.2	96.2	96.3	96.3	96.7	97.1	97.2	97.3	97.5
97.1	97.4	97.5	97.5	97.7	97.7	97.8	98.4	98.5	98.6	98.8
98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.7	98.8	98.9	98.9
99.1	99.1	99.3	99.3	99.3	99.3	99.7	99.8	99.8	99.9	100.0

OPERATING LOCATION NAME: PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY CATEGORIES

USAFETAC, ASHEVILLE, NC

STATION NUMBER: 72305 STATION NAME: PEASE AFB, NH

LST II WIC: + 5 PERIOD:

CEILING IN FEET	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	44.4	45.3	47.0	47.7	49.5	49.8	49.9	49.9	49.9
20000	51.7	51.	51.4	52.7	52.7	52.7	52.	52.	52.
15000	52.3	52.3	52.9	53.1	53.1	53.1	53.	53.	53.
10000	52.3	52.4	52.9	53.2	53.2	53.2	53.	53.	53.
9000	52.3	52.3	52.9	53.2	53.2	53.2	53.2	53.2	53.
8000	53.7	53.	54.3	54.6	54.6	54.7	54.7	54.7	54.7
7000	56.1	57.3	57.5	58.1	58.2	58.2	58.2	58.2	58.
6000	57.3	57.1	57.7	58.2	58.4	58.4	58.	58.5	58.
5000	59.3	59.7	59.8	60.3	61.1	61.1	61.1	61.3	61.
4500	61.1	61.	61.	62.3	62.3	62.4	62.4	62.4	62.4
4000	62.1	62.3	63.1	64.1	64.4	64.4	64.	64.5	64.
3500	65.7	66.2	67.3	68.1	68.4	68.4	68.	68.	68.
3000	67.1	68.3	69.4	70.3	71.1	71.1	71.	71.	71.
2500	69.	70.3	71.	72.2	72.5	72.5	72.	72.	72.
2200	71.3	72.3	73.4	74.1	74.3	74.3	74.	74.	74.
2000	72.3	73.3	74.3	75.4	75.6	75.6	75.4	75.4	75.
1800	73.1	74.1	75.1	76.1	76.3	76.3	76.	76.	76.
1600	73.6	74.6	75.6	76.6	76.8	76.8	76.6	76.6	76.
1500	74.1	75.1	76.1	77.1	77.3	77.3	77.1	77.1	77.
1400	74.6	75.6	76.6	77.6	77.8	77.8	77.6	77.6	77.
1300	75.1	76.1	77.1	78.1	78.3	78.3	78.1	78.1	78.
1200	75.6	76.6	77.6	78.6	78.8	78.8	78.6	78.6	78.
1100	76.1	77.1	78.1	79.1	79.3	79.3	79.1	79.1	79.
1000	76.6	77.6	78.6	79.6	79.8	79.8	79.6	79.6	79.
900	77.1	78.1	79.1	80.1	80.3	80.3	80.1	80.1	80.
800	77.6	78.6	79.6	80.6	80.8	80.8	80.6	80.6	80.
700	78.1	79.1	80.1	81.1	81.3	81.3	81.1	81.1	81.
600	78.6	79.6	80.6	81.6	81.8	81.8	81.6	81.6	81.
500	79.1	80.1	81.1	82.1	82.3	82.3	82.1	82.1	82.
400	79.6	80.6	81.6	82.6	82.8	82.8	82.6	82.6	82.
300	80.1	81.1	82.1	83.1	83.3	83.3	83.1	83.1	83.
200	80.6	81.6	82.6	83.6	83.8	83.8	83.6	83.6	83.
100	81.1	82.1	83.1	84.1	84.3	84.3	84.1	84.1	84.
000	81.6	82.6	83.6	84.6	84.8	84.8	84.6	84.6	84.

TOTAL NUMBER OF OBSERVATIONS 3330

A

[illegible] OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD: JUL 71 - J[illegible]
MONTH: DEC HOURS: 03-05

CEILING IN STATUTE MILES

[illegible]	[illegible]	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54.2
[illegible]	[illegible]	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.4
[illegible]	[illegible]	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.7
[illegible]	[illegible]	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.3
[illegible]	71.	71.	71.	71.	71.	71.	71.	71.	71.	72.2
[illegible]	[illegible]	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.7
[illegible]	[illegible]	77.	77.	77.	77.	77.	77.	77.	77.	77.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	80.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	92.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0

B

OPERATING LOCATION "AW" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
USAF TAC, PATRICK AFB FL (MOD L) (72207)

STATION NO.: 72206 STATION NAME: PEACE RIVER AP FL
LST IS UTC + 5 1 JAN 48 - 31 DEC 72

CEILING VISIBILITY IN STATUTE MILES

IN FEET	7	5	3	2	1	1 1/2	1	1 1/4	1	1/2
NO CEIL	45.0	46.1	47.1	47.4	47.7	48.3	48.4	48.4	48.4	48.4
25000	1.7	1.9	1.9	51.0	51.3	52.1	52.7	52.7	52.7	52.7
22000	50.7	51.2	51.3	52.2	52.5	53.3	53.1	53.3	53.3	53.3
17000	51.7	51.9	52.2	52.4	52.7	53.5	53.6	53.6	53.6	53.6
15000	52.1	52.3	52.6	53.2	53.7	54.2	54.3	54.4	54.4	54.4
12000	53.3	53.7	54.3	54.7	55.3	56.1	56.2	56.3	56.3	56.3
10000	57.0	57.2	57.7	57.1	57.6	58.4	58.5	58.6	58.6	58.6
9000	59.2	59.4	59.7	59.7	59.8	60.2	60.3	60.3	60.3	60.3
8000	59.9	60.2	60.3	61.0	61.0	61.4	61.5	61.5	61.5	61.5
7000	61.4	61.7	62.1	63.0	63.1	63.7	63.8	63.8	63.8	63.8
6000	63.3	63.6	64.0	64.8	65.0	65.7	65.8	65.8	65.8	65.8
5000	67.1	67.5	68.0	68.7	69.0	69.7	69.8	69.8	69.8	69.8
4500	68.1	68.5	69.0	69.7	70.1	70.9	71.0	71.0	71.0	71.0
4000	69.0	69.4	69.9	70.8	71.2	72.1	72.3	72.3	72.3	72.3
3500	70.3	70.7	71.2	72.1	72.6	73.7	73.9	73.9	73.9	73.9
3000	71.7	72.1	72.6	73.6	74.1	75.1	75.3	75.3	75.3	75.3
2500	74.1	74.5	75.1	76.1	76.6	77.6	77.8	77.8	77.8	77.8
2000	75.8	76.3	77.0	78.1	78.6	79.7	79.9	79.9	79.9	79.9
1500	77.7	78.3	79.0	80.1	80.7	81.8	82.0	82.0	82.0	82.0
1000	78.7	79.3	80.1	81.2	81.8	82.9	83.1	83.1	83.1	83.1
900	79.0	79.6	80.4	81.5	82.1	83.2	83.4	83.4	83.4	83.4
800	79.3	79.9	80.7	81.8	82.4	83.5	83.7	83.7	83.7	83.7
700	79.7	80.3	81.1	82.2	82.8	83.9	84.1	84.1	84.1	84.1
600	80.1	80.7	81.5	82.6	83.2	84.3	84.5	84.5	84.5	84.5
500	80.4	81.0	81.8	82.9	83.5	84.6	84.8	84.8	84.8	84.8
400	80.7	81.3	82.1	83.2	83.8	84.9	85.1	85.1	85.1	85.1
300	81.0	81.6	82.4	83.5	84.1	85.2	85.4	85.4	85.4	85.4
200	81.3	81.9	82.7	83.8	84.4	85.5	85.7	85.7	85.7	85.7
100	81.3	81.9	82.7	83.8	84.4	85.5	85.7	85.7	85.7	85.7

TOTAL NUMBER OF OBSERVATIONS 945

... FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
... HOURLY OBSERVATIONS

... PERIOD OF RECORD: JUL 77 - JUL ...
HOURS: 06-12

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES	22+	20	18	16	14	12	10	9	8	7	6	5	4	3	2	1	0
10	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
9	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
7	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
5	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
10	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
5	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
0	94.1	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
10	95.4	95.4	95.5	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
9	97.1	97.1	97.2	97.3	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
8	98.1	98.1	98.2	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
7	98.7	98.7	98.8	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
6	99.1	99.1	99.2	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
5	99.4	99.4	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible]
[illegible]

STATION TYPE: 72305 STATION NAME: [illegible]
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES: 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	46.2	46.2	46.1	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 20000	51.5	51.3	51.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 15000	52.3	52.3	53.4	53.7	53.8	53.8	53.8	53.8	53.8	53.8
GE 14000	52.7	53.4	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 13000	53.3	54.1	54.7	55.2	55.2	55.2	55.2	55.3	55.3	55.3
GE 12000	57.2	57.3	57.7	57.1	57.1	57.1	57.1	57.2	57.2	57.2
GE 11000	58.3	58.5	59.1	61.2	61.2	61.2	61.2	61.3	61.3	61.3
GE 10000	58.7	59.5	61.3	61.7	61.7	61.7	61.7	61.8	61.8	61.8
GE 9000	58.8	59.6	61.3	62.7	62.7	62.7	62.7	62.8	62.8	62.8
GE 8000	65.2	65.7	67.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4
GE 7000	65.3	65.7	67.3	68.7	68.7	68.7	68.7	68.8	68.8	68.8
GE 6000	69.3	69.7	71.3	71.9	71.9	71.9	71.9	72.0	72.0	72.0
GE 5000	70.7	71.3	72.4	73.1	73.2	73.2	73.2	73.4	73.4	73.4
GE 4500	71.4	72.3	74.3	74.9	75.1	75.2	75.2	75.3	75.3	75.3
GE 4000	72.2	73.4	75.1	75.8	76.1	76.2	76.2	76.3	76.3	76.3
GE 3500	74.1	75.1	77.1	78.1	78.4	78.5	78.5	78.6	78.6	78.6
GE 3000	76.1	77.1	79.1	80.3	80.6	80.7	80.7	80.8	80.8	80.8
GE 2500	77.2	78.1	80.2	81.7	82.0	82.1	82.1	82.2	82.2	82.2
GE 2000	78.4	79.1	81.7	83.2	83.4	83.7	83.7	84.0	84.0	84.0
GE 1800	78.9	80.1	82.1	83.8	84.0	84.2	84.2	84.5	84.5	84.5
GE 1500	79.3	80.3	82.7	84.5	84.8	85.0	85.0	85.3	85.3	85.3
GE 1200	80.1	81.7	83.9	85.9	86.3	86.5	86.5	86.8	86.8	86.8
GE 1000	81.2	82.3	84.7	86.9	87.4	87.7	87.7	88.0	88.1	88.1
GE 900	81.4	83.1	85.4	87.7	88.2	88.4	88.4	88.7	88.8	88.8
GE 800	81.8	83.5	85.9	88.4	88.9	89.1	89.1	89.4	89.5	89.5
GE 700	82.2	83.9	86.7	89.2	89.8	90.1	90.1	90.5	90.6	90.6
GE 600	82.4	84.2	87.2	89.8	90.4	90.8	90.8	91.2	91.3	91.3
GE 500	82.6	84.4	87.5	90.2	90.8	91.2	91.2	91.6	91.7	91.7
GE 400	82.8	84.6	87.8	90.5	91.1	91.5	91.5	91.9	92.0	92.0
GE 300	83.0	84.8	88.0	90.8	91.4	91.8	91.8	92.2	92.3	92.3
GE 200	83.2	85.0	88.2	91.0	91.6	92.0	92.0	92.4	92.5	92.5
GE 100	83.4	85.2	88.4	91.2	91.8	92.2	92.2	92.6	92.7	92.7
GE 000	83.5	85.4	88.5	91.3	91.9	92.3	92.3	92.7	92.8	92.8

TOTAL NUMBER OF OBSERVATIONS 9360

- 3 - 1-83

A

...QUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUL ..
...: DEC HOURS: 09-11

VISIBILITY IN STATUTE MILES										
	2+	2	1 1/2	1 1/4	1	3/4	1/2	1/2	1/4	0
1/		1 1/2	1 1/4	1	3/4	1/2	1/2	1/4	0	
...	45.3	45.4	45.5	45.7	45.9	45.9	45.9	45.9	45.9	45.9
...	...	52.3	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.5
...	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
...	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
...	55.2	55.3	55.3	55.3	55.5	55.5	55.5	55.5	55.5	55.5
...	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3
...	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4
...	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2
...	56.7	56.8	56.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1
...	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
...	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
...	71.2	71.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
...	73.2	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
...	75.2	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
...	76.7	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
...	78.3	78.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
...	...	1.1	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3
...	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
...	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
...	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
...	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
...	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
...	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
...	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
...	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
...	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
...	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
...	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
...	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
...	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILI
USAFETAC, ASHEVILLE NC [illegible] VISIBILITY OBSERVATIONS

STATION NUMBER: 725065 STATION NAME: [illegible] AFB, NC [illegible]
LST TO UTC: + 5 [illegible]

CEILING IN FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	43.3	44.0	44.1	44.1	44.1	44.1	44.1	44.2	44.3	44.3
GE 22000	49.3	50.0	51.0	51.0	51.0	51.2	51.3	51.1	51.2	51.2
GE 18000	51.3	52.0	52.7	52.7	52.7	52.7	52.7	52.8	52.9	52.9
GE 16000	51.3	52.0	52.7	52.7	52.7	52.7	52.7	52.8	52.9	52.9
GE 14000	52.2	52.9	53.6	53.6	53.6	53.6	53.6	53.7	53.8	53.8
GE 12000	54.3	55.0	55.6	55.6	55.6	55.6	55.6	55.8	55.9	55.9
GE 10000	56.3	57.0	57.6	57.6	57.6	57.6	57.6	57.8	57.9	57.9
GE 9000	56.7	57.4	58.0	58.0	58.0	58.0	58.0	58.2	58.3	58.3
GE 8000	57.1	57.8	58.4	58.4	58.4	58.4	58.4	58.6	58.7	58.7
GE 7000	57.4	58.1	58.7	58.7	58.7	58.7	58.7	58.9	59.0	59.0
GE 6000	57.8	58.5	59.1	59.2	59.2	59.2	59.2	59.4	59.5	59.5
GE 5000	58.2	58.9	59.5	59.6	59.6	59.6	59.6	59.8	59.9	59.9
GE 4500	58.4	59.1	59.7	59.8	59.8	59.8	59.8	60.0	60.1	60.1
GE 4000	58.6	59.3	59.9	60.0	60.0	60.0	60.0	60.2	60.3	60.3
GE 3500	58.8	59.5	60.1	60.2	60.2	60.2	60.2	60.4	60.5	60.5
GE 3000	59.0	59.7	60.3	60.4	60.4	60.4	60.4	60.6	60.7	60.7
GE 2500	59.2	59.9	60.5	60.6	60.6	60.6	60.6	60.8	60.9	60.9
GE 2000	59.4	60.1	60.7	60.8	60.8	60.8	60.8	61.0	61.1	61.1
GE 1800	59.5	60.2	60.8	60.9	60.9	60.9	60.9	61.1	61.2	61.2
GE 1600	59.6	60.3	60.9	61.0	61.0	61.0	61.0	61.2	61.3	61.3
GE 1400	59.7	60.4	61.0	61.1	61.1	61.1	61.1	61.3	61.4	61.4
GE 1200	59.8	60.5	61.1	61.2	61.2	61.2	61.2	61.4	61.5	61.5
GE 1000	59.9	60.6	61.2	61.3	61.3	61.3	61.3	61.5	61.6	61.6
GE 900	59.9	60.6	61.2	61.3	61.3	61.3	61.3	61.5	61.6	61.6
GE 800	59.9	60.6	61.2	61.3	61.3	61.3	61.3	61.5	61.6	61.6
GE 700	59.9	60.6	61.2	61.3	61.3	61.3	61.3	61.5	61.6	61.6
GE 600	59.9	60.6	61.2	61.3	61.3	61.3	61.3	61.5	61.6	61.6
GE 500	59.9	60.6	61.2	61.3	61.3	61.3	61.3	61.5	61.6	61.6
GE 400	59.9	60.6	61.2	61.3	61.3	61.3	61.3	61.5	61.6	61.6
GE 300	59.9	60.6	61.2	61.3	61.3	61.3	61.3	61.5	61.6	61.6
GE 200	59.9	60.6	61.2	61.3	61.3	61.3	61.3	61.5	61.6	61.6
GE 100	59.9	60.6	61.2	61.3	61.3	61.3	61.3	61.5	61.6	61.6
GE 000	59.9	60.6	61.2	61.3	61.3	61.3	61.3	61.5	61.6	61.6

TOTAL NUMBER OF OBSERVATIONS 930

[illegible] - 3 - 104

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
(ALL WEATHER OBSERVATIONS)

PERIOD OF RECORD: JUL 77 - JUL 87
MONTH: DEC HOURS: 12-14

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES	3	2 1/2	2	1 3/4	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
3	44.1	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
2 1/2	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
2	52.7	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
1 3/4	52.7	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
1 1/2	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
1 1/4	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
1	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
3/4	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
5/8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
1/2	67.4	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
3/8	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
1/4	69.4	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
0	71.4	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
	77.4	77.5	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
	84.7	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
	89.7	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
	91.2	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
	91.9	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
	92.4	92.5	92.6	93.0	93.0	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
	92.9	93.0	93.1	93.9	93.9	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
	93.3	93.5	94.0	94.4	94.5	94.8	95.3	95.4	95.4	95.4	95.4	95.4	95.4
	94.0	94.3	94.8	95.3	95.7	95.9	96.5	96.7	96.7	96.7	96.7	96.7	96.7
	94.5	94.8	95.3	95.8	95.9	97.4	98.1	98.2	98.3	98.3	98.3	98.3	98.3
	95.3	95.8	96.3	96.8	97.7	98.4	99.4	99.5	99.7	99.8	99.8	99.8	99.8
	95.3	95.8	96.3	96.8	97.7	98.4	99.4	99.5	99.7	100.0	100.0	100.0	100.0
	95.3	95.8	96.3	96.8	97.7	98.4	99.4	99.5	99.7	100.0	100.0	100.0	100.0

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY CEILING AND VISIBILITY

STATION NUMBER: 723066 STATION NAME: [illegible] AFB NC

LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES										
	GE 7	GE 5	GE 3	GE 2	GE 1	GE 0	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	[illegible]
GE 20000	44.3	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	[illegible]
GE 18000	46.2	46.3	46.3	46.3	46.5	46.5	46.5	46.5	46.5	46.5	[illegible]
GE 16000	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	[illegible]
GE 14000	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	[illegible]
GE 12000	52.7	52.7	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	[illegible]
GE 10000	55.3	55.3	55.3	55.3	55.5	55.5	55.5	55.5	55.5	55.5	[illegible]
GE 9000	56.3	56.3	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	[illegible]
GE 8000	62.3	62.5	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	[illegible]
GE 7000	64.3	64.9	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	[illegible]
GE 6000	65.5	66.2	66.4	67.1	67.2	67.2	67.2	67.2	67.4	67.4	[illegible]
GE 5000	67.7	68.3	68.9	69.2	69.5	69.5	69.5	69.5	69.5	69.5	[illegible]
GE 4500	69.3	70.4	71.1	71.2	71.7	71.7	71.7	71.7	71.7	71.7	[illegible]
GE 4000	74.4	75.4	76.1	76.7	76.8	76.8	76.8	76.8	76.8	76.8	[illegible]
GE 3500	76.3	77.3	77.5	77.6	77.8	77.8	77.8	77.8	77.8	77.8	[illegible]
GE 3000	77.6	78.3	79.0	79.2	79.3	79.3	79.3	79.3	79.3	79.3	[illegible]
GE 2500	78.4	79.7	80.4	81.3	81.7	81.7	81.7	81.7	81.7	81.7	[illegible]
GE 2000	82.2	83.1	83.2	83.6	84.1	84.1	84.1	84.1	84.1	84.1	[illegible]
GE 1800	83.0	83.2	83.9	84.3	85.2	85.2	85.2	85.2	85.2	85.2	[illegible]
GE 1600	83.3	83.6	84.2	85.0	87.2	87.1	87.2	87.2	87.2	87.2	[illegible]
GE 1200	84.2	84.5	85.0	87.5	88.4	88.1	88.4	88.5	88.5	88.5	[illegible]
GE 1000	88.3	89.5	90.2	91.4	91.6	91.6	91.6	91.8	91.8	91.8	[illegible]
GE 900	89.3	90.4	90.8	92.3	93.0	93.1	93.1	93.1	93.1	93.1	[illegible]
GE 800	89.6	90.9	91.5	93.0	93.7	93.8	93.8	93.8	93.8	93.8	[illegible]
GE 700	89.9	91.1	91.8	93.3	94.0	94.1	94.1	94.1	94.1	94.1	[illegible]
GE 600	90.3	91.5	92.7	94.2	95.0	95.1	95.1	95.1	95.1	95.1	[illegible]
GE 500	90.5	91.8	93.0	94.5	95.3	95.4	95.4	95.4	95.4	95.4	[illegible]
GE 400	90.6	92.0	93.2	94.7	95.5	95.6	95.6	95.6	95.6	95.6	[illegible]
GE 300	90.7	92.1	93.3	94.8	95.6	95.7	95.7	95.7	95.7	95.7	[illegible]
GE 200	90.8	92.2	93.4	94.9	95.7	95.8	95.8	95.8	95.8	95.8	[illegible]
GE 100	90.8	92.2	93.4	94.9	95.7	95.8	95.8	95.8	95.8	95.8	[illegible]
GE 000	90.8	92.2	93.4	94.9	95.7	95.8	95.8	95.8	95.8	95.8	[illegible]

TOTAL NUMBER OF OBSERVATIONS 330

[illegible] - 3 - 108

A

...E FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
... HOURLY OBSERVATIONS

... 14 PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: DEC HOURS: 15-17

CEILING IN STATUTE MILES

	2	1 1/2	1 1/4	1	3/4	1/2	1/4	0
[illegible]	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION NAME: PERCENTAGE FREQUENCY OF OCCURRENCE FOR 0700
USAFETAC, ASHEVILLE NC 5-YEAR (HOURLY OBSERVATIONS)

STATION NUMBER: 723053 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES: 10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	44.1	44.1	44.2	44.3	43.5	43.5	43.5	43.5	43.5	43.5
GE 20000	51.1	51.1	51.2	51.3	51.5	51.5	51.5	51.5	51.5	51.5
GE 18000	51.9	51.9	52.0	52.0	52.5	52.5	52.5	52.5	52.5	52.5
GE 16000	52.2	52.2	52.3	52.3	52.7	52.7	52.7	52.7	52.7	52.7
GE 14000	52.6	52.6	52.7	53.0	53.1	53.1	53.1	53.1	53.1	53.1
GE 12000	55.6	55.6	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0
GE 10000	56.2	56.2	56.1	56.4	56.5	56.5	56.5	56.5	56.5	56.5
GE 9000	61.0	61.0	61.1	61.4	61.5	61.5	61.5	61.5	61.5	61.5
GE 8000	61.7	61.7	61.8	62.1	62.2	62.2	62.2	62.2	62.2	62.2
GE 7000	66.2	66.2	66.3	66.6	66.7	67.2	67.2	67.3	67.3	67.3
GE 6000	67.2	67.2	67.3	67.7	67.8	68.3	68.4	68.4	68.4	68.4
GE 5000	69.4	69.4	69.5	69.7	70.1	70.6	70.6	70.6	70.6	70.6
GE 4500	71.0	71.0	71.0	72.0	72.2	72.7	73.1	73.1	73.2	73.2
GE 4000	73.0	73.0	73.0	74.0	74.0	74.5	75.1	75.1	75.2	75.2
GE 3500	74.9	74.9	75.0	76.0	76.2	77.1	77.6	77.6	77.7	77.7
GE 3000	77.2	77.3	77.4	78.3	78.5	79.5	79.7	80.0	80.1	80.1
GE 2500	77.4	77.6	78.0	79.0	79.4	80.4	81.0	81.5	81.6	81.6
GE 2000	82.1	82.3	82.4	83.4	83.7	84.8	85.1	85.4	85.5	85.5
GE 1800	83.3	83.5	83.6	84.6	84.9	86.0	86.3	86.6	86.7	86.7
GE 1600	84.0	84.2	84.3	85.3	85.7	86.8	87.1	87.4	87.5	87.5
GE 1400	85.2	85.4	85.5	86.6	87.0	88.1	88.4	88.7	88.8	88.8
GE 1200	86.2	86.4	86.5	87.7	88.1	89.2	89.5	89.8	89.9	89.9
GE 1000	87.2	87.4	87.5	88.7	89.1	90.2	90.5	90.8	90.9	90.9
GE 900	87.8	88.0	88.1	89.3	89.7	90.8	91.1	91.4	91.5	91.5
GE 800	88.2	88.4	88.5	89.7	90.1	91.3	91.6	91.9	92.0	92.0
GE 700	88.7	88.9	89.0	90.2	90.6	91.8	92.1	92.4	92.5	92.5
GE 600	89.2	89.4	89.5	90.7	91.1	92.3	92.7	93.0	93.1	93.1
GE 500	89.8	90.0	90.1	91.3	91.7	92.9	93.2	93.5	93.6	93.6
GE 400	90.2	90.4	90.5	91.7	92.1	93.2	93.6	93.9	94.0	94.0
GE 300	90.2	90.4	90.5	91.7	92.1	93.2	93.6	93.9	94.0	94.0
GE 200	90.2	90.4	90.5	91.7	92.1	93.2	93.6	93.9	94.0	94.0
GE 100	90.2	90.4	90.5	91.7	92.1	93.2	93.6	93.9	94.0	94.0
GE 0	90.2	90.4	90.5	91.7	92.1	93.2	93.6	93.9	94.0	94.0

TOTAL NUMBER OF OBSERVATIONS 330

0 - 2 - 1

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: DEC HOURS: 18-20

VISIBILITY IN STATUTE MILES

1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	51.6	51.6	51.6	51.6	51.6	51.6	51.6
[illegible]	[illegible]	[illegible]	[illegible]	52.5	52.5	52.5	52.5	52.5	52.5	52.5
[illegible]	[illegible]	[illegible]	[illegible]	52.7	52.7	52.7	52.7	52.7	52.7	52.7
[illegible]	[illegible]	[illegible]	[illegible]	53.1	53.1	53.1	53.1	53.1	53.1	53.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATIONS LOCATION MAP

USAFETAC, ASHEVILLE NC

STATION NUMBER: 723565

STATION NAME: [illegible]

LST TO UTC: + 5

CEILING

IN FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	46.7	47.0	47.0	47.2	47.4	47.4	47.4	47.5	47.5	47.5
GE 20000	51.0	51.1	51.3	51.5	51.7	51.8	51.8	51.8	51.9	51.9
GE 15000	51.4	51.5	51.7	52.0	52.2	52.3	52.3	52.4	52.4	52.4
GE 10000	51.5	51.7	51.9	52.3	52.5	52.6	52.6	52.7	52.8	52.8
GE 9000	52.0	52.2	52.4	52.7	52.9	53.0	53.0	53.1	53.1	53.1
GE 8000	52.3	52.5	52.7	53.1	53.3	53.3	53.3	53.4	53.4	53.4
GE 7000	52.6	52.8	53.0	53.4	53.6	53.7	53.7	53.8	53.8	53.8
GE 6000	52.8	53.0	53.2	53.6	53.8	53.9	53.9	54.0	54.0	54.0
GE 5000	53.1	53.3	53.5	53.9	54.1	54.2	54.2	54.3	54.3	54.3
GE 4500	53.3	53.5	53.7	54.1	54.3	54.4	54.4	54.5	54.5	54.5
GE 4000	53.4	53.6	53.8	54.2	54.4	54.5	54.5	54.6	54.6	54.6
GE 3500	53.6	53.8	54.0	54.4	54.6	54.7	54.7	54.8	54.8	54.8
GE 3000	53.8	54.0	54.2	54.6	54.8	54.9	54.9	55.0	55.0	55.0
GE 2500	54.0	54.2	54.4	54.8	55.0	55.1	55.1	55.2	55.2	55.2
GE 2000	54.2	54.4	54.6	55.0	55.2	55.3	55.3	55.4	55.4	55.4
GE 1800	54.3	54.5	54.7	55.1	55.3	55.4	55.4	55.5	55.5	55.5
GE 1600	54.4	54.6	54.8	55.2	55.4	55.5	55.5	55.6	55.6	55.6
GE 1400	54.5	54.7	54.9	55.3	55.5	55.6	55.6	55.7	55.7	55.7
GE 1200	54.6	54.8	55.0	55.4	55.6	55.7	55.7	55.8	55.8	55.8
GE 1000	54.7	54.9	55.1	55.5	55.7	55.8	55.8	55.9	55.9	55.9
GE 900	54.8	55.0	55.2	55.6	55.8	55.9	55.9	56.0	56.0	56.0
GE 800	54.9	55.1	55.3	55.7	55.9	56.0	56.0	56.1	56.1	56.1
GE 700	55.0	55.2	55.4	55.8	56.0	56.1	56.1	56.2	56.2	56.2
GE 600	55.1	55.3	55.5	55.9	56.1	56.2	56.2	56.3	56.3	56.3
GE 500	55.2	55.4	55.6	56.0	56.2	56.3	56.3	56.4	56.4	56.4
GE 400	55.3	55.5	55.7	56.1	56.3	56.4	56.4	56.5	56.5	56.5
GE 300	55.4	55.6	55.8	56.2	56.4	56.5	56.5	56.6	56.6	56.6
GE 200	55.5	55.7	55.9	56.3	56.5	56.6	56.6	56.7	56.7	56.7
GE 100	55.6	55.8	56.0	56.4	56.6	56.7	56.7	56.8	56.8	56.8
GE 000	55.7	55.9	56.1	56.5	56.7	56.8	56.8	56.9	56.9	56.9

TOTAL NUMBER OF OBSERVATIONS 930

A

[illegible] CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD: JUL 7[illegible] - JU[illegible]
[illegible] HRS: 21-23

[illegible]	VISIBILITY IN STATUTE MILES									
[illegible]	2 1/2	2	1 3/4	1 1/2	1 1/4	1	3/4	1/2	1/4	0
[illegible]	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
	51.[illegible]	51.[illegible]	52.[illegible]	52.[illegible]	52.[illegible]	52.[illegible]	[illegible]	[illegible]	[illegible]	52.[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[

OPERATING LOCATION "A"

PERCENTAGE FREQUENCY OF

STATION

CEILING

VISIBILITY IN STATUTE MILES

[illegible] OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible]

[illegible] JUL 77 - JUL [illegible]
[illegible] ALL

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES									
	2	1 1/2	1 1/4	1	3/4	1/2	1/4	0		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE

STATION NUMBER: 723084

STATION NAME: MCAS BEAUFORT, SC
LST TO UTC: + 5

CEILING VERSUS VISIBILITY

CEILING (FEET)	VISIBILITY (STATUTE MILES)									
NO CEIL										

...QUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...ROM MODIFY DISTRIBUTIONS

PERIOD OF RECORD: JUL 73 - JUN ..
MONTHS: ALL HOURS: ALL

CEILING IN STATUTE MILES

OPERATIONAL LOCATIONAL WAN — PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY [illegible]
USAFETAC, ASHEVILLE NC — FOR M JULY DAILY VARIOUS

STATION NUMBER: 72[illegible] — STATION NAME: [illegible] — [illegible]
LST INDICATOR: + 5 — [illegible]

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	AIRWAY CLASSES FIRST [illegible]	ST 1/2
00-02	[illegible]	26.2	13.3	30.2	3.7	7.7
03-05	22.6	25.2	14.2	32.0	3.[illegible]	[illegible]
06-08	.2	30.3	17.7	3[illegible]	[illegible]	[illegible]
09-11	[illegible]	33.3	20.[illegible]	34.1	[illegible]	[illegible]
12-14	.[illegible]	[illegible]	21.2	3[illegible]	[illegible]	[illegible]
15-17	[illegible]	31.0	21.[illegible]	21.[illegible]	[illegible]	[illegible]
18-20	[illegible]	34.7	15.2	21.[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]	14.[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	[illegible]	17.0	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

FREQUENCY OF OCCURRENCE OF SKY COVER
FOR 4 DAILY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: JAN HOURS:ALL

SKY CLASSES				
CAST	CLEAR OBSCURATION	SCT 1/2	PARTIAL OBSCURATION	TOTAL OBS
[illegible]	3.7	87.7	2.1	230
[illegible]	3.[illegible]	7[illegible].1	3.2	230
[illegible]	3.[illegible]	[illegible].1	4.[illegible]	9[illegible]
[illegible]	3.[illegible]	[illegible].6	7.2	230
[illegible]	2.[illegible]	[illegible].[illegible]	5.7	23[illegible]
[illegible]	3.7	[illegible].	5.[illegible]	23[illegible]
[illegible]	2.[illegible]	[illegible].3	.1	223
[illegible]	1.[illegible]	[illegible].1	3.1	22[illegible]
[illegible]	[illegible].	2.	4.[illegible]	2[illegible]

[illegible]: FEB HOURS: ALL

[illegible]	[illegible].[illegible]	[illegible].2	[illegible].[illegible]	[illegible]4[illegible]
[illegible].7	4.[illegible]	[illegible]1.1	3.[illegible]	[illegible]4[illegible]
[illegible].[illegible]	[illegible].1	[illegible]7.[illegible]	[illegible].7	[illegible]4[illegible]
[illegible]	[illegible].2	[illegible].	[illegible].[illegible]	[illegible]4[illegible]
[illegible].7	[illegible].[illegible]	[illegible].2	[illegible].2	[illegible]4[illegible]
[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].1	[illegible]4[illegible]
[illegible].[illegible]	[illegible].2	[illegible]6.2	[illegible].2	[illegible]4[illegible]
[illegible].[illegible]	[illegible].2	[illegible].	[illegible].7	[illegible]4[illegible]
[illegible].7	[illegible].[illegible]	[illegible].[illegible]	[illegible].2	[illegible]7[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible]

STATION NUMBER: 723065 STATION NAME: [illegible]
LST TO UTC: + 5

HOURS (LST)	AIRWAY CLASSES CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	[illegible]
00-02	23.1	30.6	13.2	37.4	3.2	4.3
03-05	22.9	21.0	14.3	33.3	2.6	[illegible]
06-08	[illegible]	36.2	15.7	35.4	2.4	[illegible]
09-11	[illegible]	35.2	21.4	35.3	2.3	[illegible]
12-14	[illegible]	30.2	24.3	34.7	1.[illegible]	[illegible]
15-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	[illegible]	36.7	[illegible]	34.7	2.7	[illegible]
21-23	22.2	22.4	14.4	37.6	[illegible]	[illegible]
ALL HOURS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

00-02	[illegible]	[illegible]	13.[illegible]	[illegible]	[illegible]	[illegible]
03-05	[illegible]	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
06-08	[illegible]	27.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

FREQUENCY OF OCCURRENCE OF SKY COVER
[illegible] OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 77 - JUN [illegible]
MONTH: ANY HOUSTON

SKY CLASSES [illegible]	TOTAL OBSERVATIONS	ST 1/2	PARTIAL OBSERVATIONS	TOTAL OBS
7.[illegible]	1.2	54.3	5.1	930
.7	2.6	57.2	4.5	930
.7	2.4	57.[illegible]	[illegible]	930
.3	2.3	58.3	5.2	930
.7	1.[illegible]	62.7	6.1	930
.[illegible]	2.3	54.[illegible]	[illegible].7	930
.7	2.7	[illegible].2	4.2	930
7.[illegible]	3.[illegible]	[illegible].[illegible]	[illegible].[illegible]	930
.[illegible]	[illegible].[illegible]	.[illegible]	[illegible].[illegible]	7440

MONTH: [illegible] HOURS: ALL

[illegible].[illegible]	4.[illegible]	[illegible].[illegible]	[illegible].[illegible]	930
7.[illegible]	.7	[illegible].[illegible]	[illegible].[illegible]	930
.[illegible]	[illegible].[illegible]	[illegible].[illegible]	7.[illegible]	930
.[illegible]	1.[illegible]	7.[illegible]	.[illegible]	930
.	.	[illegible].[illegible]	[illegible].[illegible]	93[illegible]
.[illegible]	.	[illegible].[illegible]	[illegible].[illegible]	930
.7	3.1	[illegible].7	1.[illegible]	930
.	.	[illegible].[illegible]	[illegible].[illegible]	930
.[illegible]	[illegible].1	[illegible].[illegible]	[illegible].[illegible]	7440

OPERATING LOCATION "AW" — PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND

USAFETAC, ASHEVILLE, NC — FROM ALL HOURS FOR ALL MONTHS

STATION NUMBER: 72306 — STATION NAME: PEASE AFB NH — PERIOD OF RECORD:

LST TO UTC: + 5

HOURS (LST)	CALM	SCATTERED	BROKEN	OVERCAST	AIRWAY CLOSED	MISSING
00-02	17.3	25.4	13.5	34.1	9.7	57.4
03-05	5.3	31.3	22.2	32.4	8.4	59.5
06-08	5.2	31.9	24.5	37.7	8.4	62.2
09-11	3.9	33.1	31.2	37.8	.5	53.0
12-14	3.2	35.7	32.2	29.0	.1	51.3
15-17	2.7	31.4	31.6	41.3	.0	72.9
18-20	1.9	34.3	33.7	40.2	1.2	73.3
21-23	1.6	31.3	33.7	37.9	1.3	71.7
ALL HOURS	5.4	32.3	27.3	37.0	3.2	67.3

HOURS (LST)	CALM	SCATTERED	BROKEN	OVERCAST	AIRWAY CLOSED	MISSING
00-02	14.3	29.4	13.1	29.7	3.2	51.6
03-05	5.1	30.9	23.1	31.4	1.9	59.4
06-08	4.6	33.9	23.3	36.3	2.4	61.2
09-11	3.6	34.1	27.6	35.7	.5	58.2
12-14	2.3	31.3	33.7	31.4	.1	54.9
15-17	1.7	29.3	30.7	41.7	.0	71.4
18-20	1.1	33.8	32.3	33.2	1.3	67.6
21-23	3.3	33.5	32.3	30.7	.9	64.1
ALL HOURS	4.3	32.1	27.7	33.5	1.7	61.1

[illegible] OF OCCURRENCE OF SKY COVER

[illegible] STATIONS

PERIOD OF RECORD: JUL 74 - JUN [illegible]
MONTH: MAY HOURS:ALL

SKY COVERS	TOTAL OBSERVATIONS	OF	PARTIAL OBSERVATIONS	TOTAL
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] : JUL [illegible]: ALL

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATIONAL LOCATION: MAW
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE FOR EACH HOUR AND
CEILING VERSUS VISIBILITY

STATION: [illegible] STATION NAME: [illegible] [illegible]
LST TO UTC: + 5 YEARS: [illegible]

HOURS (LST)	CEILING VERSUS VISIBILITY						
				MILITARY CLASSES			
				NON-CAT	TOTAL		
00-02	21.5	22.7	12.5	42.3	4.4	[illegible]	
03-05	[illegible]	24.7	25.3	24.3	[illegible]	[illegible]	
06-08	[illegible]	33.4	24.3	37.[illegible]	[illegible]	[illegible]	
09-11	[illegible]	25.7	31.3	[illegible]	[illegible]	[illegible]	
12-14	[illegible]	34.2	[illegible]	[illegible]	[illegible]	[illegible]	
15-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
18-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
21-23	[illegible]	[illegible]	23.1	[illegible]	[illegible]	[illegible]	
ALL HOURS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

00-02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
03-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
06-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
09-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
12-14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
15-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
18-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
21-23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
ALL HOURS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

[illegible] OF OCCURRENCE OF SKY COVER
[illegible] DAILY OBSERVATIONS

PERIOD OF RECORD: JUL 7- - JUL [illegible]
MONTH: JUL HOURS:ALL

CLASSES	TOTAL OBSERVATIONS	% OF TOTAL	PARTIAL OBSERVATIONS	TOTAL OBS
[illegible]	4.9	43.[illegible]	13.5	933
[illegible]	[illegible].9	[illegible].	15.7	933
[illegible]	4.1	[illegible].	17.2	933
[illegible]	1.[illegible]	[illegible].	1[illegible].[illegible]	933
[illegible]	.[illegible]	[illegible].	[illegible].[illegible]	933
[illegible]	.1	[illegible].1	11.[illegible]	933
[illegible]	1.[illegible]	[illegible].	11.[illegible]	933
[illegible]	[illegible].[illegible]	1.1	1[illegible].[illegible]	933
[illegible]	[illegible].	[illegible].[illegible]	1[illegible].[illegible]	744

[illegible] OF OBSERVATIONS: ALL

[illegible]	1[illegible]	1[illegible]	[illegible]
[illegible]	[illegible].7	[illegible].	1[illegible].[illegible]	[illegible]
[illegible]	[illegible].	[illegible].	1[illegible].[illegible]	[illegible]
[illegible]	1[illegible]	[illegible].	[illegible].[illegible]	[illegible]
[illegible]	[illegible]	[illegible].	[illegible].[illegible]	[illegible]
[illegible]	[illegible]	[illegible].	1[illegible].[illegible]	[illegible]
[illegible]	.[illegible]	[illegible].	1[illegible].[illegible]	[illegible]
[illegible]	1.[illegible]	[illegible].	11.[illegible]	[illegible]
[illegible]	1.[illegible]	[illegible].	11.7	744

OPERATING LOCATION "A"
USAFFTAC, FORT POLK, LA

PERCENTAGE FREQUENCY OF OCCURRENCE BASED ON 3
FROM MILITARY RUNWAY WEATHER

STATION NUMBER: 722555 STATION NAME: POLK AAF LA
LST IN UTC: +6

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL	3
00-02	26.5	29.7	16.3	27.3	2.4	96.3
03-05	21.1	32.8	14.5	29.5	2.1	96.3
06-08	14.2	32.7	22.4	30.1	2.4	97.8
09-11	9.8	41.2	26.1	20.4	.9	98.4
12-14	9.2	43.2	20.1	28.2		96.2
15-17	9.2	44.4	19.1	27.4	.1	97.4
18-20	14.2	36.2	22.2	25.7	1.8	98.3
21-23	22.1	31.4	17.4	28.1	1.1	97.1
ALL HOURS	17.4	36.4	20.7	27.3	1.6	98.

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL	3
00-02	30.2	34.4	15.4	24.2	3.4	97.2
03-05	24.4	32.4	14.3	24.4	4.4	97.7
06-08	14.2	41.2	24.3	24.7	4.2	98.6
09-11	8.4	44.2	26.2	20.1	1.2	96.7
12-14	9.2	44.3	21.3	27.7	1.2	98.6
15-17	9.4	37.4	22.3	27.3	.3	96.7
18-20	11.4	37.4	22.3	27.7	1.3	99.1
21-23	24.3	34.3	21.3	24.4	1.4	99.4
ALL HOURS	17.4	36.3	21.1	27.3	2.4	98.

FREQUENCY OF OCCURRENCE OF SKY COVER
HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7? - JU
MONTH: SEP HOURS:ALL

Y CLASS	TOTAL CLOUDINESS	AT 1/2	PARTIAL OBSCURATION	TOTAL OBS
.2	2.4	44.3	2.0	900
.1	2.1	45.2	2.2	900
.1	2.1	41.3	2.1	900
.4	.7	52.7	1.3	900
.1		43.3	2.1	900
	.1	47.	1.7	900
.7	1.2	44.4	2.3	900
.1	1.	44.1	2.1	900
.1	1.1	1.	2.1	900

	1.	2.2	1.	900
	1.1	47.7	2.1	900
	1.2	.	1.2	900
.1	1.1	1.7	1.1	900
.2	1.	1.	1.2	900
	1.2	1.	1.1	900
.2	1.1	2.	1.2	900
	1.	1.	6.	900
1	1.1	1.	1.1	7200

[illegible]

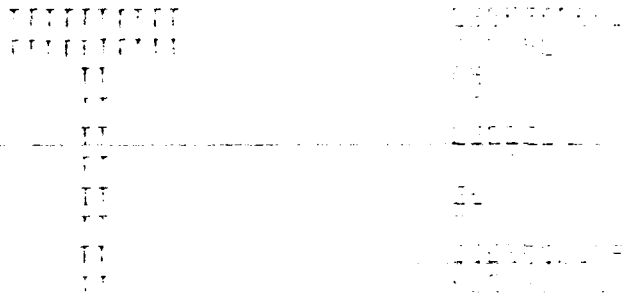
[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



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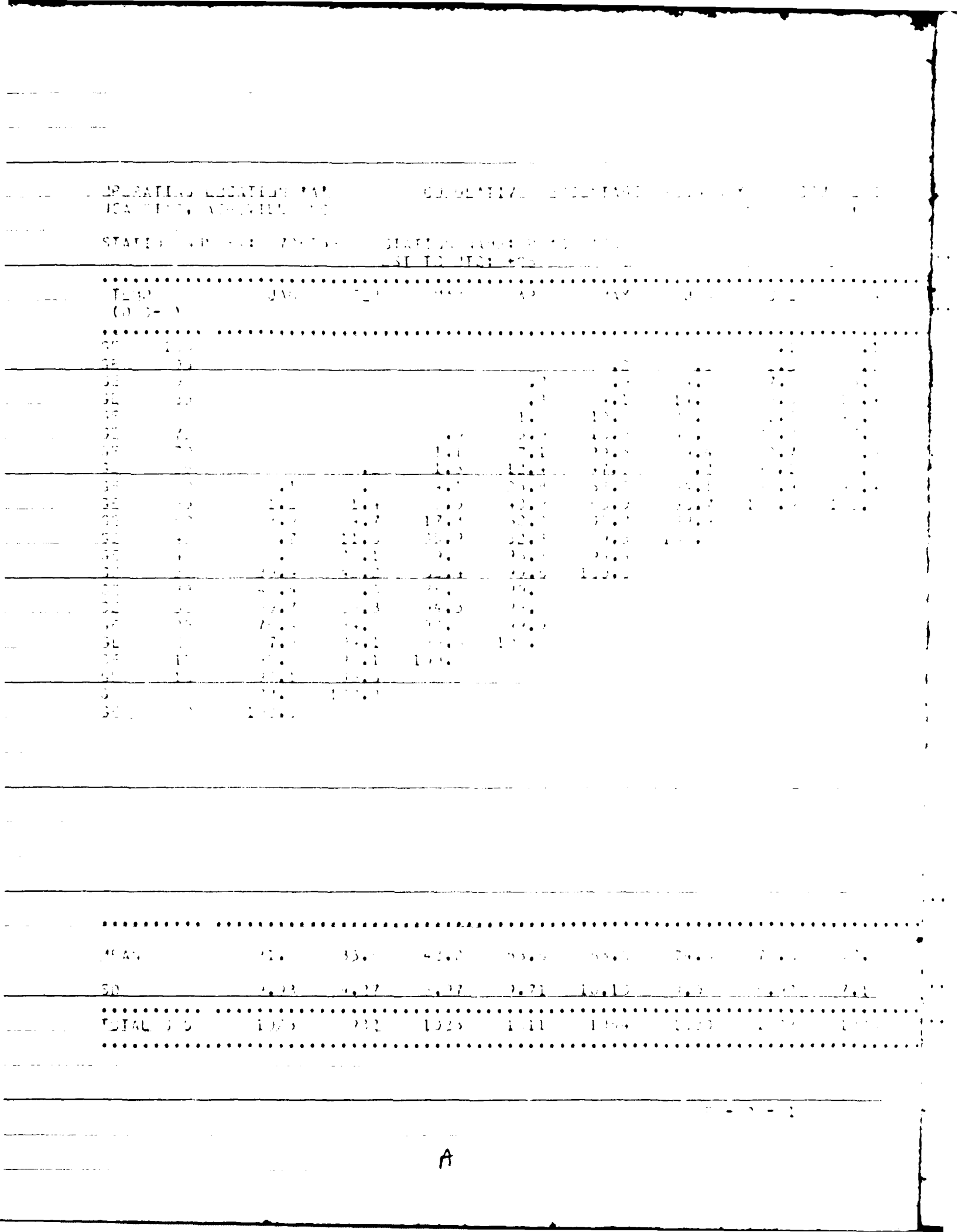
- 1 -



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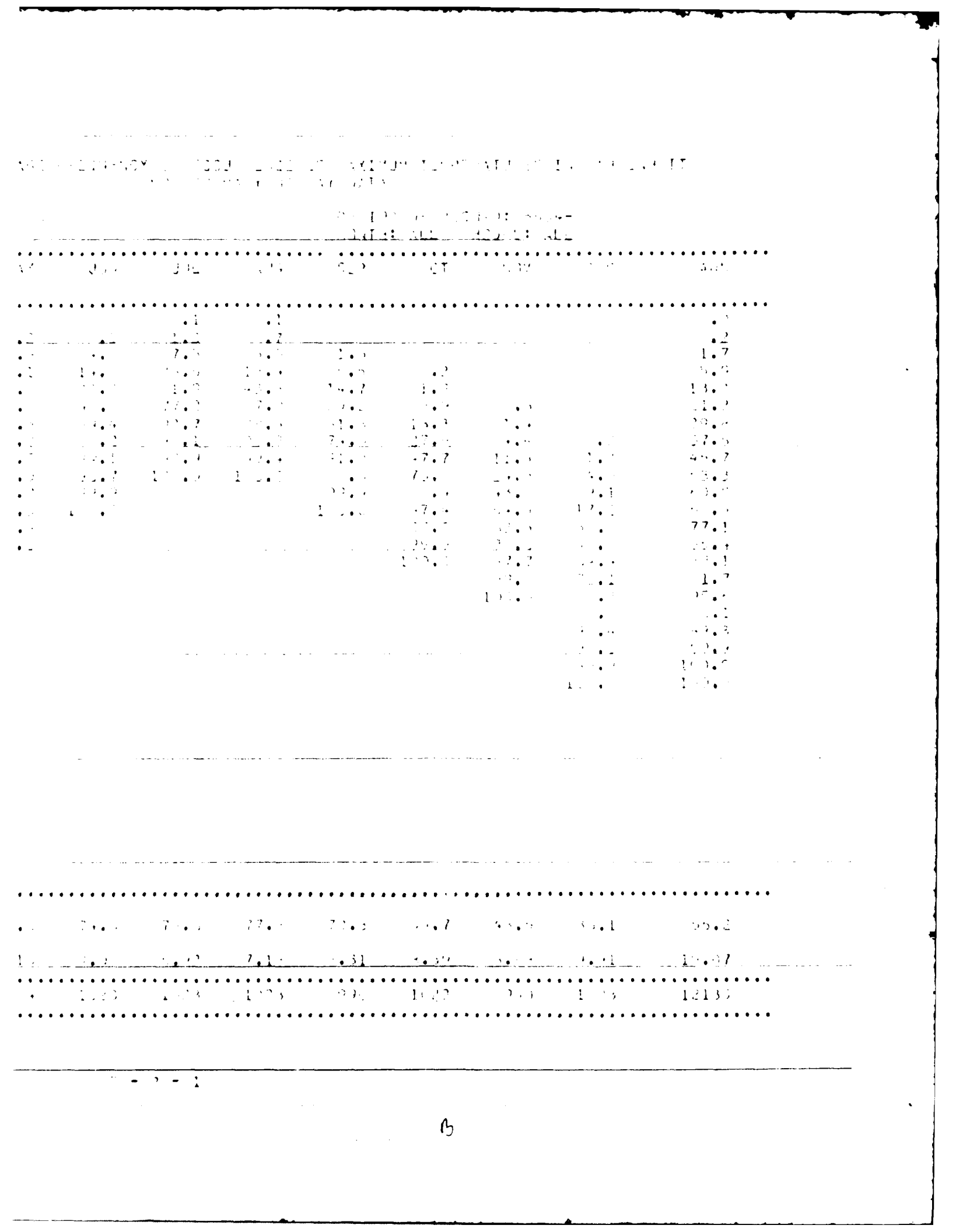

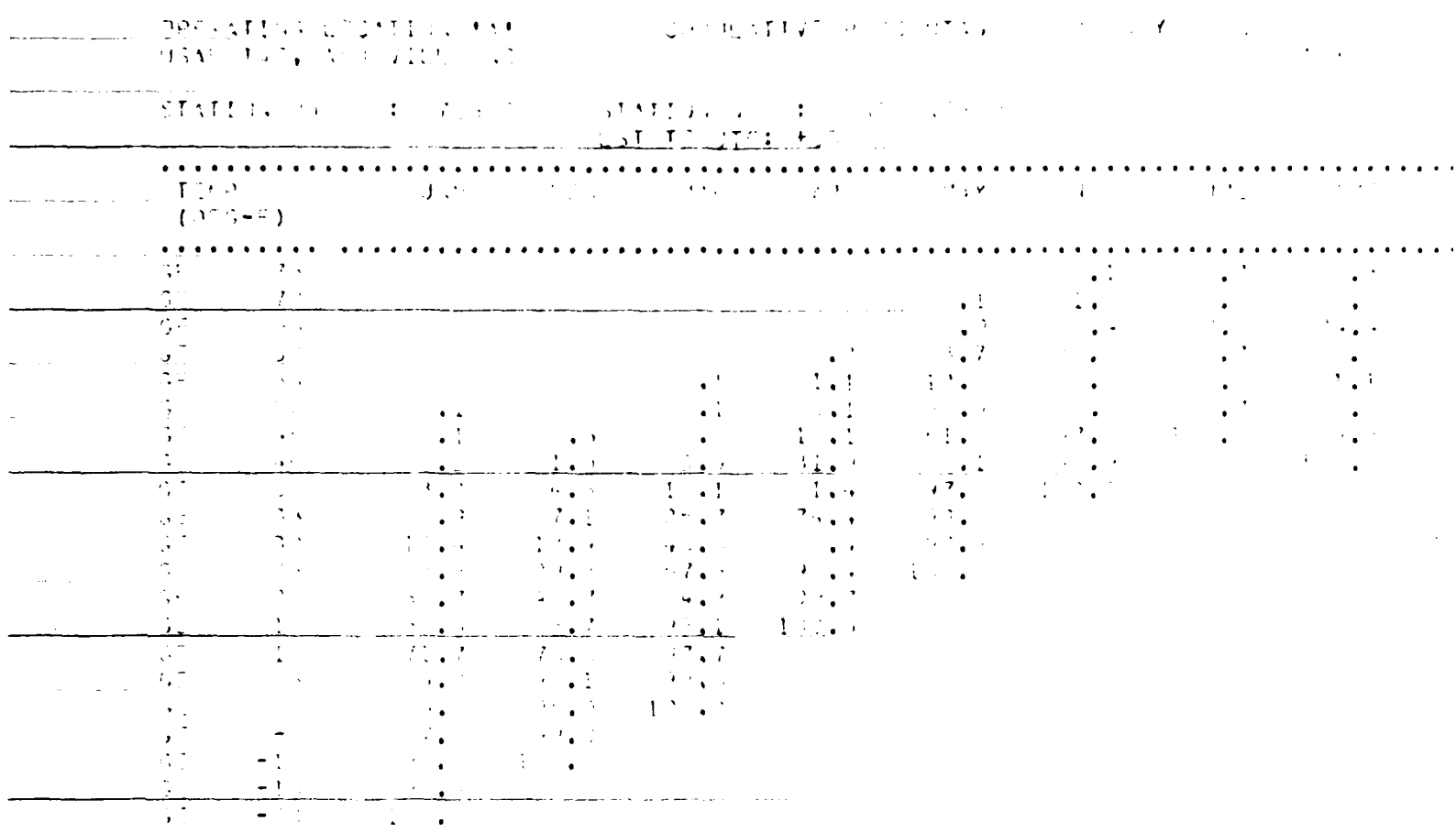

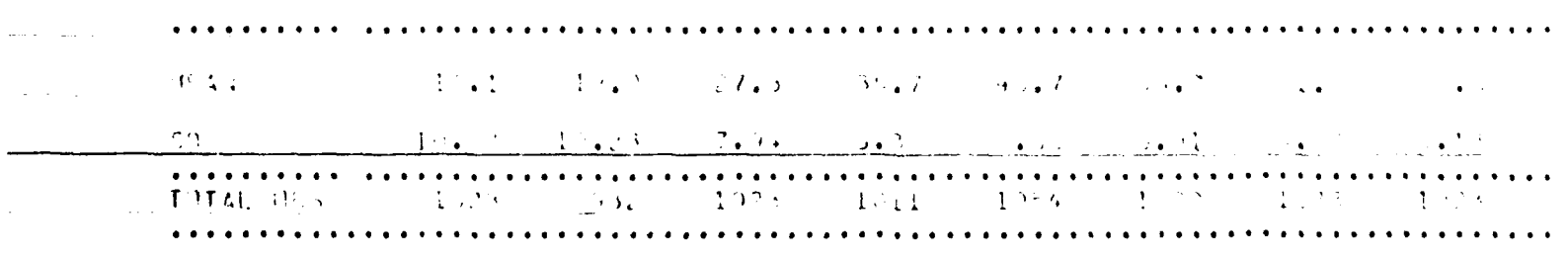

[illegible]

	.1	.7	.5					.1
.1	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING CHARACTERISTICS FOR CUMULATIVE PROBABILITY OF DETECTION

USAF/ETAC, AFGWC/TN-

STATION IDENTIFIER: XXXXX STATION NAME: XXXX XXXXX

LAT LONG PIC: XXX

TEMP (DEG-F)										
60	XX							.2	.2	
62	XX					.4	2.2	5.4	4.6	
64	7X					1.5	12.7	14.4	13.6	
66	7X				.7	6.0	21.6	29.7	29.3	
68	XX				1.4	13.7	32.5	47.3	51.2	
70	XX			.3	4.3	24.7	71.4	74.3	74.6	
72	XX	.1	.1	1.2	11.4	43.4	79.1	100.0	94.3	
74	5X	.2	.2	2.4	25.1	61.2	91.7		100.0	
76	4X	.4	.4	3.1	34.2	76.4	100.0			
78	4X	.7	.1	25.3	13.3	90.4				
80	X	1.3	1.4	39.3	3.3	100.0				
82	XX	21.2	7.4	39.2	3.7					
84	XX	35.7	17.1	74.1	7.4					
86	XX	44.3	37.3	91.3	11.3					
88	2X	7.4	71.4	97.3	100.0					
90	1	1.4	93.5	99.2						
92	1X	.4	4	3.4						
94		97.	.4	100.3						
96		.4	100.0							
98	X	1.3								
00	-1X	100.								

MEAN	3X.X	2X.2	5X.X	4X.X	XX.1	X.X	7.X	XX.1	
SD	X.XX	3.13	7.73	7.13	7.XX	X.3	5.1	3.XX	
TOTAL OBS	1X3	932	1XX	1011	1XX	1XX	1XX	1XX	

[illegible] FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
[illegible] SUMMARY OF DAY DATA

[illegible] PERIOD OF RECORD: 5004-[illegible]
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
		.7	.2					.1
.4	2.3	5.4	3.1	1.1				1.2
1.0	10.2	2.4	10.4	4.7				5.3
.4	2.4	13.7	40.3	14.3	.4			13.1
1.7	11.4	17.4	21.0	32.7	4.1	.3		22.7
4.7	21.4	16.3	31.4	17.7	14.4	1.3		32.1
3.4	1.1	100.0	44.3	12.5	31.7	3.3	.2	40.5
1.3	22.7		100.0	35.0	26.2	15.7	1.3	43.7
3.3	100.0			100.0	43.2	32.2	4.7	55.2
33.3					54.9	53.3	13.1	65.7
1.4					36.3	74.4	27..	74.3
					72.9	47.7	37.3	73.2
					100.0	34.7	40.2	52.3
						22.3	72.2	42.1
						100.0	34.3	93.2
							42.4	97.9
							3.3	95.4
							34.3	94.7
							7.3	99.9
							100.0	100.0
								100.0

33.1	43.3	72.3	77.1	61.5	51.1	41.4	29.2	44.1
7.96	9.83	5.41	5.95	7.25	7.42	7.99	9.37	17.93
1054	1022	1023	1023	930	1023	930	1023	12135

B

OPERATING LOCATION [illegible]
USAFETAC, ASHEVILLE, NC

STATION [illegible]: 72306 STATION NAME: [illegible]
LAT [illegible] LONG: [illegible]

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
56				74	7	1	1	
57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
58	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
59	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
61	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
62	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
64	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
65	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
68	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
69	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
73	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
74	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
76	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
78	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
79	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
81	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
82	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
83	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
84	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
85	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
86	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
87	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
88	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
89	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

[illegible] - 3 - 15

A

OPERATING LOCATION [illegible]
USAFETAC, [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
ST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
GREATEST	91	96	79	91	93	95	101	104
TOTAL	999	1024	999	1035	1031	1024	1029	1028	10[illegible]

THE GREATEST VALUE OF 101 OCCURRED ON 07/01/85

NOTE: MISS VALUE IS PASSED IF A MONTH WITH LESS THAN [illegible]

1 - 1 - 1

A

[illegible]

[illegible]

PERIOD OF RECORD: [illegible]
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	101	101	[illegible]	97	76	[illegible]	101
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12135

[illegible] 07/01/64

[illegible] THAN 90% OF THE DATA AVAILABLE FOR THIS MONTH

[illegible] - 3 - 19

B

OPERATING LOCATION: [illegible]
USAFETAC, [illegible]

STATION NAME: [illegible] STATION NUMBER: [illegible]
LST TO GMT: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
56				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
57	-1[illegible]	7	17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
58	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
59	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
61	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
62	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
64	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
65	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
68	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
69	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
73	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
74	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
76	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
78	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
79	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
81	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
82	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
83	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
84	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
85	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
86	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
87	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
88	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
89	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		

A

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL

OPERATING LOCATION (AI
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURE (F)
FOR JANUARY THROUGH MAY

STATION NUMBER: 72-33
STATION NAME: MISSOULA AP, MT
LST IN UTC: +8

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
LEAST	-1	-3	3	17	23	33	37	41
TOTAL YRS	1023	992	1023	1011	1033	1023	1033	1023

THE LEAST VALUE OF -15 OCCURRED ON 01/15/57

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN [illegible]

T - 3 - 21

A

[illegible] TEMPERATURES IN FAHRENHEIT
[illegible] SUMMARY OF DAY DATA

[illegible] PERIOD OF RECORD: 9404-[illegible]
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
21	33	47	43	32	23	11	-2	-15
44	1223	1236	1428	930	1323	493	1224	12135

[illegible] 01/15/87

[illegible] LESS THAN MONTH'S DATA AVAILABLE FOR THIS DATE

[illegible] - 3 - 27

B

OPERATIONAL LOCATION DATA
USAFETAC, ASHEVILLE, NC

MONTHLY [illegible]

STATION NUMBER: 72203 STATION NAME: [illegible]
LATITUDE: [illegible]

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
55				[illegible]				
57								
58								
59								
60								
61								
62								
63								
64								
65								
66								
67								
68								
69								
70								
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76								
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78								
79								
80								
81								
82								
83								
84								
85								
86								
87								
88								
89								

[illegible]

[illegible]

[illegible]

OPERATING LOCATION WAW
USAFETAC, ASHEVILLE NC

STATION NUMBER: 72306

STATION NAME: [illegible]
LST IN UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]	[illegible]
00-02	21.9	10.736	930	[illegible]	[illegible]
03-05	20.7	11.065	930	[illegible]	[illegible]
06-08	[illegible]	11.142	930	[illegible]	[illegible]
09-11	[illegible]	10.771	930	[illegible]	[illegible]
12-14	[illegible]	10.012	930	[illegible]	[illegible]
15-17	[illegible]	[illegible]	930	[illegible]	[illegible]
18-20	[illegible]	[illegible]	930	[illegible]	[illegible]
21-23	[illegible]	[illegible]	930	[illegible]	[illegible]
ALL HOURS	24.1	10.731	7440	[illegible]	[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
00-02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
03-05	[illegible]	10.133	[illegible]	[illegible]	[illegible]
06-08	23.9	10.141	[illegible]	[illegible]	[illegible]
09-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	33.1	[illegible]	[illegible]	[illegible]	[illegible]
18-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	27.3	[illegible]	5712	[illegible]	[illegible]

[illegible] JULY TEMPERATURE SUMMARY
[illegible] JULY [illegible] AVAILABLE

[illegible] PERIOD OF RECORD: JUL 77 - JUN [illegible]
MONTH: JAN

[illegible]	NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION WAW
USAFETAC, ASHEVILLE NC

STATION NUMBER: 723086 STATION NAME: [illegible]
LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]
00-02	31.5	9.035	730	
03-05	30.5	9.464	930	
06-08	31.3	9.737	930	
09-11	36.4	10.377	930	
12-14	40.5	9.910	930	
15-17	42.4	9.721	930	
18-20	38.5	9.483	930	
21-23	34.1	9.699	930	
ALL HOURS	36.2	10.797	7440	

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]
00-02	41.7	8.553	930	
03-05	41.3	8.474	930	
06-08	42.4	8.435	930	
09-11	45.0	7.933	930	
12-14	51.3	8.737	930	
15-17	50.4	8.34	930	
18-20	46.4	7.917	930	
21-23	44.2	8.226	930	
ALL HOURS	45.3	8.402	7130	

DAY DEGREE TEMPERATURE SUMMARY
[illegible]

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: [illegible]

	MEAN NUMBER OF HOURS WITH TEMPERATURES [illegible]				TOTAL
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	3	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

STATION NUMBER: 72305

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS
00-02	51.5	7.353	933
03-05	49.	7.225	930
06-08	53.	7.134	930
09-11	53.	7.553	930
12-14	52.	7.640	930
15-17	51.7	7.55	929
18-20	57.5	6.453	930
21-23	54.	7.333	930
ALL HOURS	53.4	7.344	7442

00-02	69.	6.412	930
03-05	67.	6.193	930
06-08	61.	6.775	930
09-11	68.1	6.447	930
12-14	71.1	5.733	930
15-17	70.	6.553	930
18-20	66.	7.244	930
21-23	61.	6.344	930
ALL HOURS	64.2	6.359	7195

A

[illegible] DAILY TEMPERATURE SUMMARY
[illegible] JULY [illegible] TEMPERATURES

[illegible] PERIOD OF RECORD: JUL 77 - JUL [illegible]
UNITS: DAY

[illegible]	[illegible]	DAYS WITH TEMPERATURES OVER [illegible]			TOTAL
L	D	L 32	32 - 55	55 - 80	80 [illegible]
		3	52	0	0 [illegible]
		1	33	0	0 [illegible]
		0	0	1	0 [illegible]
		0	27	0	0 [illegible]
		0	31	0	0 [illegible]
		0	26	0	0 [illegible]
		0	17	0	0 [illegible]
		0	23	0	0 [illegible]
		1	[illegible]	1	0 [illegible]

UNITS: [illegible]

			17	1	0 [illegible]
			11	0	0 [illegible]
			27	0	0 [illegible]
			27	0	0 [illegible]
			[illegible]	1	0 [illegible]
			[illegible]	1	0 [illegible]
			43	0	0 [illegible]
			24	0	0 [illegible]
		3	253	12	0 [illegible]

6

OPERATING LOCATION "A"
ASHEVILLE NC

STATION NUMBER: 72306

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS
00-02	68.5	5.401	949
03-05	68.4	5.417	931
06-08	67.4	5.357	949
09-11	76.9	5.355	933
12-14	77.4	7.152	944
15-17	77.5	7.455	944
18-20	72.4	6.344	931
21-23	69.1	5.336	939
ALL HOURS	71.2	6.742	7441

00-02	68.1	5.345	949
03-05	67.2	5.344	931
06-08	64.	5.439	949
09-11	72.1	6.235	933
12-14	75.4	7.454	944
15-17	74.7	7.053	944
18-20	69.5	6.534	931
21-23	65.	5.249	939
ALL HOURS	69.6	6.377	7441

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

DRY BULB TEMPERATURE (°F)
MONTHLY SUMMARY

STATION NUMBER: 72306

STATION NAME: [illegible]

LST TO GMT: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]
00-02	56.7	7.551	900	
03-05	55.[illegible]	7.[illegible]	[illegible]	
06-08	[illegible]	7.[illegible]	[illegible]	
09-11	54.[illegible]	7.[illegible]	[illegible]	
12-14	52.[illegible]	[illegible]	[illegible]	
15-17	57.7	[illegible]	[illegible]	
18-20	51.[illegible]	7.[illegible]	[illegible]	
21-23	[illegible]	7.[illegible]	[illegible]	
ALL HOURS	51.[illegible]	[illegible]	[illegible]	

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]
00-02	46.[illegible]	[illegible]	[illegible]	
03-05	45.[illegible]	[illegible]	[illegible]	
06-08	45.[illegible]	[illegible]	[illegible]	
09-11	52.[illegible]	7.[illegible]	[illegible]	
12-14	56.[illegible]	7.[illegible]	[illegible]	
15-17	[illegible]	7.[illegible]	[illegible]	
18-20	50.[illegible]	7.[illegible]	[illegible]	
21-23	[illegible]	7.[illegible]	[illegible]	
ALL HOURS	50.[illegible]	[illegible]	[illegible]	

[illegible]

AGE AT LAST VISIT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
03-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
06-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL AGES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
00-02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
03-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
06-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL AGES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

[illegible]

[illegible] JULY TEMPERATURE SUMMARY
[illegible] JULY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 72 - JUL [illegible]
MONTH: ALL

[illegible]	[illegible] OBSERVATIONS	OBSERVATIONS WITH TEMPERATURES [illegible]	[illegible]	[illegible]	TOTAL [illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] - 3 - 1 - [illegible]

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION NAME: [illegible]
LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS		
00-02	19.5	10.411	480		
03-05	18.4	10.671	480		
06-08	17.1	10.334	480		
09-11	20.7	10.147	480		
12-14	24.3	9.849	480		
15-17	24.4	9.157	480		
18-20	23.4	9.442	480		
21-23	21.4	10.175	480		
ALL HOURS	21.1	10.262	7680		

00-02	23.7	9.359	624		
03-05	22.1	10.243	624		
06-08	21.3	10.423	624		
09-11	25.1	9.445	624		
12-14	27.1	8.553	624		
15-17	27.3	8.335	624		
18-20	25.7	8.679	624		
21-23	24.5	9.302	624		
ALL HOURS	24.7	9.962	6791		

A

[illegible] TEMPERATURE SUMMARY
[illegible] DAILY OBSERVATIONS

[illegible] PERIOD: JUL 7[illegible] - JAN [illegible]
MONTH: JAN

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible] 57	[illegible] 75	[illegible] 90	[illegible] HOURS
27	3	0	0	0	744
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	744

MONTH: [illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
711	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5279	33	0	0	0	5791

[illegible] - 5 - 2 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION NUMBER: 72303

STATION NAME: [illegible]

LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS		
00-02	34.5	6.911	930		
03-05	27.4	5.327	930		
06-08	27.3	5.439	930		
09-11	31.3	5.764	930		
12-14	34.1	6.863	930		
15-17	34.1	6.971	930		
18-20	31.	7.[illegible]	930		
21-23	33.[illegible]	6.[illegible]	930		
ALL HOURS	32.3	6.123	7440		

00-02	39.2	6.729	900	177	[illegible]
03-05	37.1	6.[illegible]54	900	[illegible]	[illegible]
06-08	38.[illegible]	6.752	900	1[illegible]	4[illegible]
09-11	42.1	7.011	900	[illegible]7	137
12-14	43.7	7.149	900	[illegible]	17[illegible]
15-17	43.[illegible]	7.[illegible]	900	[illegible]	15[illegible]
18-20	41.4	6.745	900	[illegible]	13[illegible]
21-23	39.4	6.774	900	11[illegible]	[illegible]
ALL HOURS	40.5	7.245	7190	[illegible]	[illegible]

A

[illegible] TEMPERATURE SUMMARY
[illegible] MONTHLY AND ANNUAL

[illegible] PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]
MONTH: MAR

YEAR	MEAN NUMBER OF HOURS WITH TEMPERATURES 65 F	65 67	68 72	73 [illegible]	TOTAL HOURS
[illegible]	12	0	0	0	[illegible]
[illegible]	[illegible]	0	0	0	[illegible]
[illegible]	13	0	0	0	[illegible]
[illegible]	33	0	0	0	[illegible]
[illegible]	[illegible]	0	0	0	[illegible]
[illegible]	[illegible]	0	0	0	[illegible]
[illegible]	[illegible]	0	0	0	[illegible]
[illegible]	24	0	0	0	[illegible]
[illegible]	[illegible]	0	0	0	[illegible]
[illegible]	177	[illegible]	0	0	[illegible]
[illegible]	[illegible]	0	0	0	[illegible]
[illegible]	40	[illegible]	0	[illegible]	[illegible]
[illegible]	137	0	0	0	[illegible]
[illegible]	17[illegible]	0	0	0	[illegible]
[illegible]	152	0	0	0	[illegible]
[illegible]	10[illegible]	0	0	0	[illegible]
123	[illegible]	0	0	0	[illegible]
[illegible]	415	0	0	0	71[illegible]

[illegible] - [illegible] - [illegible] - [illegible]

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

[illegible] TEMPERATURE SUMMARY
[illegible] JULY [illegible] STATE [illegible]

STATION NUMBER: 72306 STATION NAME: [illegible]
1ST TRIAD: [illegible] [illegible]

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]	[illegible]
00-02	64.1	6.793	983	[illegible]	[illegible]
03-05	63.9	7.107	983	11	814
06-08	64.3	7.132	983	4	457
09-11	72.3	7.233	983	[illegible]	[illegible]
12-14	83.7	7.446	983	[illegible]	[illegible]
15-17	83.1	7.378	983	[illegible]	[illegible]
18-20	81.1	7.164	983	[illegible]	[illegible]
21-23	69.7	7.035	983	[illegible]	[illegible]
ALL HOURS	73.0	7.237	7864	[illegible]	[illegible]

[illegible]

00-02	55.5	6.057	983	[illegible]	[illegible]
03-05	54.4	6.099	983	[illegible]	[illegible]
06-08	56.3	6.111	983	[illegible]	[illegible]
09-11	69.3	6.557	983	[illegible]	[illegible]
12-14	83.9	6.541	983	[illegible]	[illegible]
15-17	86.6	6.594	983	[illegible]	[illegible]
18-20	79.7	6.234	983	[illegible]	[illegible]
21-23	66.3	6.367	983	[illegible]	[illegible]
ALL HOURS	68.2	6.659	7864	[illegible]	[illegible]

[illegible] - [illegible] - [illegible] - [illegible]

A

...CT GOLD TEMPERATURE SUMMARY
... JULY ... WATTS

... PERIOD OF RECORD: JUL 73 - JUL ...
MONTH: MAY

...	...	...	...	...	...
...	NUMBER OF HOURS WITH TEMPERATURES OVER				TOTAL
...	...	60	65 73	73 80	...
...	379	2	5	0	...
11	31...	3	0	0	...
4	4...	3	1	0	...
...	...	37	7	0	...
...	542	55	3	3	...
...	...	40	1	0	...
...	...	1...	1	...	...
...	...	12	0	...	...
...	...	174	1...	...	...

MONTH: JUN

...	7...	33	4	1	...
...	...	1...	3	...	...
...	...	91	4	0	...
...	...	1...1	23	3	...
...	...	1...	4...	2	...
...	...75	17...	39	1	...
...	3...1	1...1	11	...	...
...	...4	...3	...	...	...7
...	...	...	...	...	...
0	...	...13	13...	3	71...

... - ... - ... - ...

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION NUMBER: 72305 STATION NAME: [illegible]
LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS		
00-02	62.2	5.611	930		
03-05	61.1	5.793	930		
06-08	63.3	5.366	925		
09-11	66.7	5.441	925		
12-14	67.7	5.727	930		
15-17	67.3	5.[illegible]	930		
18-20	66.6	5.472	930		
21-23	63.6	5.314	930		
ALL HOURS	64.7	5.[illegible]	7437		

00-02	60.	5.413	930		
03-05	59.7	5.761	930		
06-08	61.3	5.[illegible]56	930		
09-11	65.1	5.4[illegible]	930		
12-14	66.1	5.5[illegible]	930		
15-17	65.6	5.[illegible]78	930		
18-20	63.6	5.120	930		
21-23	61.9	5.277	930		
ALL HOURS	63.3	5.525	7433		

A

T JULY TEMPERATURE SUMMARY
FOR HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 71 - JUL
UNITS: JUL

YEAR	NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
		57	73		
		217	21	0	
		137	5	0	
		269	36	0	
		471	151	2	
			207	15	
			154	1	
			153	0	
		271	43	0	
		2331	756	24	

UNITS: JUL

			25	0	
		153	14	0	
		213	36	0	
		409	125	1	
		469	178	17	
		421	147	2	
	917	313	71	0	
		239	34	1	
0	7244	2337	823	19	

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

STATION NUMBER: 72306

LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS		
00-02	53.8	7.563	900		
03-05	52.3	7.321	900		
06-08	53.4	7.253	900		
09-11	56.1	7.150	900		
12-14	59.7	7.042	900		
15-17	59.1	6.957	900		
18-20	56.6	7.134	900		
21-23	55.0	7.283	900		
ALL HOURS	56.0	7.18	7200		

00-02	43.1	6.549	900	124	13%
03-05	42.1	6.520	900	134	15%
06-08	42.5	6.473	900	133	15%
09-11	47.3	7.043	900	82	9%
12-14	49.1	7.739	900	51	6%
15-17	48.3	7.630	900	71	8%
18-20	45.3	7.338	900	91	10%
21-23	44.1	6.177	900	73	8%
ALL HOURS	45.3	3.544	7200	859	12%

[illegible] TEMPERATURE SUMMARY
[illegible] MONTHLY DISTRIBUTION

[illegible] UNITS: [illegible] JUL 7[illegible] - JUL [illegible]
MONTH: SEP

MEAN NUMBER OF HOURS WITH TEMPERATURES BETWEEN					TOTAL
[illegible] - 32	[illegible] - 50	50 - 67	68 - 73	74 - [illegible]	[illegible]
[illegible]	[illegible]	39	5	[illegible]	[illegible]
[illegible]	[illegible]	34	3	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]
[illegible]	[illegible]	125	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	159	43	[illegible]	[illegible]
[illegible]	[illegible]	139	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	7	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	731	111	[illegible]	[illegible]

MONTH: OCT

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

STATION NUMBER: 72[illegible] STATION NAME: [illegible]
LST IN USE: [illegible]

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]	[illegible]
00-02	36.1	7.010	2[illegible]	[illegible]	[illegible]
03-05	35.[illegible]	7.134	8[illegible]	[illegible]	[illegible]
06-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-14	41.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	43.[illegible]	8.463	[illegible]	[illegible]	[illegible]
[illegible]-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	37.7	[illegible]	[illegible]	[illegible]	[illegible]

00-02	25.[illegible]	10.334	[illegible]	[illegible]	[illegible]
03-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
06-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-11	27.[illegible]	10.156	[illegible]	[illegible]	[illegible]
12-14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	27.[illegible]	10.120	7449	[illegible]	[illegible]

[illegible]

[illegible]

[illegible]

PREPARED LOCATION: MAW
USAFETAC, ASHEVILLE, NC

STATION [illegible]: 72[illegible] STATION NAME: [illegible]
[illegible]

HOURS LST	[illegible]	[illegible]	TOTAL [illegible]	[illegible]
00-02	41.4	13.4	13[illegible]	[illegible]
03-05	40.3	13.[illegible]	13[illegible]	[illegible]
06-08	41.[illegible]	17.[illegible]	13[illegible]	[illegible]
09-11	44.[illegible]	17.[illegible]	13[illegible]	[illegible]
12-14	44.7	13.[illegible]	13[illegible]	[illegible]
15-17	[illegible]	13.[illegible]	13[illegible]	[illegible]
18-20	[illegible]	13.[illegible]	13[illegible]	[illegible]
21-23	[illegible]	13.[illegible]	13[illegible]	[illegible]
ALL HOURS	[illegible]	13.[illegible]	[illegible]	[illegible]

[illegible] HOURLY TEMPERATURE SUMMARY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: ALL

YEAR	NUMBER OF HOURS WITH TEMPERATURES OF					TOTAL
	LT 32	32 - 53	54 - 67	68 - 73	GT 73	HOURS
[illegible]	3473	3953	432	89	0	12847
[illegible]	3473	3601	492	85	3	12653
[illegible]	2675	4121	667	74	5	13542
[illegible]	[illegible]	4758	1305	543	6	14297
[illegible]	[illegible]	[illegible]	1411	471	24	13547
[illegible]	[illegible]	[illegible]	1357	401	11	13547
[illegible]	[illegible]	[illegible]	744	173	5	13547
[illegible]	[illegible]	[illegible]	[illegible]	54	3	12854
[illegible]	[illegible]	[illegible]	[illegible]	1991	44	[illegible]

[illegible] - 5 - 2 - 7

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
[illegible]

STATION NUMBER: 72306 STATION NAME: [illegible]
LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]	[illegible]
00-02	10.6	14.337	930	13	37
03-05	9.9	14.178	930	[illegible]	23
06-08	9.9	14.[illegible]	930	7	13
09-11	11.3	14.[illegible]	930	[illegible]	2
12-14	13.1	13.966	924	276	49
15-17	13.2	14.[illegible]	930	[illegible]	49
18-20	12.4	14.138	930	7	[illegible]
21-23	11.[illegible]	14.[illegible]	930	[illegible]	2
ALL HOURS	11.[illegible]	14.211	7439	[illegible]	[illegible]

[illegible]

00-02	14.[illegible]	14.212	949	[illegible]	52
03-05	14.6	14.32	949	[illegible]	42
06-08	13.[illegible]	14.[illegible]	949	[illegible]	31
09-11	15.[illegible]	14.187	949	[illegible]	[illegible]
12-14	15.3	13.952	949	63	1
15-17	15.[illegible]	13.[illegible]	949	42	22
18-20	15.1	14.154	949	[illegible]	57
21-23	14.[illegible]	14.229	949	[illegible]	[illegible]
ALL HOURS	15.[illegible]	14.213	6791	[illegible]	[illegible]

[illegible] - 5 - 3 - 1

A

...POINT TEMPERATURE SUMMARY
...HOURLY OBSERVATIONS

... PERIOD OF RECORD: JUL 7? - JUN ??
MONTH: JAN

	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
	LE 27	GE 37	LE 55	GE 65	
	710	27	930	0	93?
	6?0	23	930	0	930
	7?7	15	930	0	93
	7?6	??	930	0	??
	775	4?	922	0	922
	7?2	??	93	0	??
	7??	??	93?	0	93?
	714	??	93?	0	9??
	?? 1	?4?	7432	0	7??

... MONTH: F E B

	?5?	??	?4?	0	?4?
	??	??	?4?	0	?4
	??	?1	?4?	0	?4?
	?21	??	?4?	0	4?
	??	1	?4?	0	4?
	?42	72	?49	0	4?
	?50	?7	?4?	0	?4?
	??	??	?47	0	?4?
	52?3	55?	67?3	0	5701

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FOR APRIL (OBSERVATIONS

STATION NUMBER: 72[illegible] STATION NAME: [illegible]
LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN [illegible]	[illegible]
00-02	20.7	13.304	930	[illegible]	[illegible]
03-05	20.1	13.630	930	[illegible]	7%
06-08	20.4	13.[illegible]	930	[illegible]	[illegible]
09-11	22.0	14.[illegible]	930	[illegible]	[illegible]
12-14	22.7	13.243	930	[illegible]	12?
15-17	22.[illegible]	12.7[illegible]	930	[illegible]	11?
18-20	22.2	12.[illegible]	930	[illegible]	47
21-23	21.[illegible]	12.977	930	[illegible]	[illegible]
ALL HOURS	21.[illegible]	13.337	7442	[illegible]	[illegible]

[illegible]

00-02	32.9	9.713	900	[illegible]	81?
03-05	32.1	9.737	900	[illegible]	331
06-08	32.6	10.066	900	[illegible]	[illegible]
09-11	33.3	11.160	900	[illegible]	351
12-14	33.[illegible]	11.104	899	247	345
15-17	33.7	10.905	899	[illegible]	335
18-20	33.7	10.585	900	236	371
21-23	33.[illegible]	10.161	900	[illegible]	375
ALL HOURS	33.3	10.473	7193	[illegible]	[illegible]

- 5 - 3 - 2

A

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
LT 27	28 37	LT 55	GE 55	HOURS
[illegible]	[illegible]	930	0	930
507	75	930	0	930
[illegible]	[illegible]	930	0	930
[illegible]	[illegible]	930	0	930
[illegible]	[illegible]	930	0	930
[illegible]	[illegible]	930	0	930
[illegible]	[illegible]	929	0	929
[illegible]	[illegible]	929	0	929
[illegible]	[illegible]	7437	0	7441

MONTH: APR

[illegible]	[illegible]	[illegible]	0	[illegible]
[illegible]	[illegible]	[illegible]	0	[illegible]
[illegible]	[illegible]	[illegible]	0	[illegible]
[illegible]	[illegible]	[illegible]	0	[illegible]
247	[illegible]	[illegible]	0	[illegible]
[illegible]	[illegible]	[illegible]	0	[illegible]
[illegible]	[illegible]	[illegible]	0	[illegible]
[illegible]	[illegible]	[illegible]	0	[illegible]
[illegible]	2335	7115	0	7120

OPERATING LOCATION MAP — DEW POINT TEMPERATURE SUMMARY
USAFETAC, ASHEVILLE, NC — FOR JULY (SUMMARY)

STATION NUMBER: 720553 — STATION NAME: [illegible] — [illegible]
LST TO UTC: + 5 — MONTH:

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]	[illegible]
00-02	64.5	3.765	930	[illegible]	[illegible]
03-05	64.3	3.915	930	[illegible]	[illegible]
06-08	65.2	3.203	930	[illegible]	[illegible]
09-11	65.5	10.293	930	[illegible]	[illegible]
12-14	65.5	10.593	930	[illegible]	[illegible]
15-17	64.9	10.[illegible]	930	[illegible]	[illegible]
18-20	64.[illegible]	10.[illegible]	930	[illegible]	[illegible]
21-23	65.[illegible]	9.513	930	[illegible]	[illegible]
ALL HOURS	64.9	9.[illegible]	7439	[illegible]	[illegible]

[illegible]

00-02	52.7	5.952	900	[illegible]	[illegible]
03-05	52.1	6.2[illegible]	900	[illegible]	[illegible]
06-08	53.4	7.193	930	[illegible]	[illegible]
09-11	53.[illegible]	8.423	930	[illegible]	[illegible]
12-14	53.[illegible]	8.554	930	[illegible]	[illegible]
15-17	53.4	8.253	930	[illegible]	[illegible]
18-20	53.4	7.945	930	[illegible]	[illegible]
21-23	53.2	7.261	907	[illegible]	[illegible]
ALL HOURS	53.2	7.752	7135	[illegible]	[illegible]

[illegible]

A

[illegible] TEMPERATURE SUMMARY
[illegible] DAILY PRECIPITATIONS

[illegible] PERIOD OF RECORD: JUL 74 - JUN [illegible]
MONTH: MAY

	MEAN NUMBER OF HOURS WITH TEMPERATURES OTS F			TOTAL
	LE 32	32 37	LE 55	65 65	
	[illegible]	751	933	7	[illegible]
	59	727	927	9	[illegible]
	7	746	938	10	[illegible]
	1	746	764	2	[illegible]
	48	734	767	27	[illegible]
	7	771	775	17	[illegible]
	8	737	732	15	[illegible]
	[illegible]	754	32	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

MONTH: JUN

	0	[illegible]	[illegible]	38	[illegible]
	0	[illegible]	[illegible]	23	[illegible]
	0	[illegible]	[illegible]	49	[illegible]
	0	73	[illegible]	92	[illegible]
	0	774	[illegible]	79	[illegible]
	0	[illegible]	[illegible]	74	[illegible]
	0	774	[illegible]	71	[illegible]
	0	[illegible]	960	43	[illegible]
	0	7645	4403	474	7135

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE, QUANTITY
FROM JULY [illegible] (WBAN)

STATION NUMBER: 72[illegible] STATION NAME: [illegible] [illegible]
LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS [illegible]	[illegible]
00-02	59.9	6.791	930		
03-05	59.7	6.705	930		
06-08	59.5	6.712	924		
09-11	61.7	7.057	929		
12-14	61.3	8.136	930		
15-17	61.1	7.755	930		
18-20	61.1	7.424	930		
21-23	59.9	6.953	924		
ALL HOURS	60.7	7.092	7427		

00-02	57.	7.303	930		
03-05	57.3	7.314	930		
06-08	57.0	7.033	930		
09-11	59.5	8.148	929		
12-14	60.2	8.697	930		
15-17	59.8	8.503	930		
18-20	59.7	7.794	930		
21-23	59.3	7.316	930		
ALL HOURS	59.4	7.954	7439		

A

DEW POINT TEMPERATURE SUMMARY
FOR HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 73 - JUL 83
MONTH: JUL

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
LE 27	GE 37 LE 55	GE 65		
0	439	212	291	942
0	427	253	231	939
0	426	140	272	838
0	429	140	353	922
0	325	221	370	936
0	333	222	344	899
0	324	197	336	857
0	324	193	272	789
1	7440	1324	2494	7437

MONTH: AUG

0	430	293	225	948
0	381	354	135	870
0	438	242	240	920
0	327	264	339	930
0	324	279	329	932
0	425	247	331	953
0	427	245	257	929
0	337	294	254	945
2	7429	2313	2197	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FOR JANUARY (ALL YEARS)

STATION NUMBER: 72386 STATION NAME : PEASE AFB NH
LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN [illegible] OF MEAN	[illegible] OF MEAN
00-02	21.0	13.534	900	1	2.5
03-05	20.3	13.960	900	4	2.7
06-08	20.6	13.991	900	4	2.7
09-11	20.9	13.236	900	3	2.7
12-14	22.7	13.522	900	4	2.4
15-17	22.5	13.716	900	4	2.3
18-20	23.4	13.363	900	4	2.2
21-23	21.7	13.539	900	4	2.3
ALL HOURS	21.7	13.633	7200	30	0.2

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN [illegible] OF MEAN	[illegible] OF MEAN
00-02	39.3	10.584	930	140	3.1
03-05	39.4	10.652	930	141	3.1
06-08	39.7	10.544	930	139	3.1
09-11	40.0	11.042	930	141	3.2
12-14	40.5	11.247	930	141	3.3
15-17	40.4	11.322	930	139	3.3
18-20	40.3	10.679	930	134	3.1
21-23	39.7	10.480	930	139	3.1
ALL HOURS	39.9	10.833	7440	1047	44.8

...POINT TEMPERATURE SUMMARY
...HOURLY OBSERVATIONS

... PERIOD OF RECORD: JUL 7... - JUN ...
MONTH: SEP

MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F			TOTAL
	LT 37	GE 37 LT 55	GE 65	HOURS
	2	535	612	46	...
	4	537	547	46	...
	4	547	524	56	...
	5	557	554	37	...
	4	554	541	104	...
	4	553	534	93	...
	3	559	564	33	...
	3	563	533	62	...
	33	5427	5433	502	7...

MONTH: OCT

140	541	591	5	...
151	535	559	7	...
125	535	585	4	...
111	547	522	4	...
151	573	521	3	...
1...	57...	53...	1	...
124	5...	554	2	...
139	556	574	2	...
1047	4413	5355	30	744...

... - 5 - 3 - ...

OPERATING LOCATION NAME
USAFETAC, ASHEVILLE NC

STATION NUMBER: 72[illegible] STATION NAME: [illegible]
LST TO UTC: + [illegible]

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL	[illegible]	[illegible]
00-02	[illegible]	11.718	[illegible]	[illegible]	[illegible]
03-05	30.3	11.[illegible]	[illegible]	[illegible]	[illegible]
06-08	33.3	11.[illegible]	[illegible]	[illegible]	[illegible]
09-11	[illegible]	12.[illegible]	[illegible]	[illegible]	[illegible]
12-14	[illegible]	12.[illegible]	[illegible]	[illegible]	[illegible]
15-17	[illegible]	12.[illegible]	[illegible]	[illegible]	[illegible]
18-20	31.4	12.[illegible]	[illegible]	[illegible]	[illegible]
21-23	31.[illegible]	11.[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	31.3	12.[illegible]	[illegible]	[illegible]	[illegible]

00-02	19.[illegible]	14.[illegible]	[illegible]	[illegible]	[illegible]
03-05	17.3	14.[illegible]	[illegible]	[illegible]	[illegible]
06-08	17.4	13.731	[illegible]	[illegible]	[illegible]
09-11	19.6	13.[illegible]	[illegible]	[illegible]	[illegible]
12-14	20.3	13.[illegible]	[illegible]	[illegible]	[illegible]
15-17	19.[illegible]	13.767	[illegible]	[illegible]	[illegible]
18-20	19.4	13.[illegible]	[illegible]	[illegible]	[illegible]
21-23	19.3	13.[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	19.4	13.531	7440	[illegible]	711

[illegible] PLANT TEMPERATURE SUMMARY
[illegible] DAILY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 77 - JUN [illegible]
MONTH: MAY

[illegible]	[illegible] NUMBER OF HOURS WITH TEMPERATURES OVER [illegible]				TOTAL
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	731	1		[illegible]
[illegible]	[illegible]	[illegible]	1		[illegible]
[illegible]	[illegible]	[illegible]	0		[illegible]
[illegible]	[illegible]	71	1		[illegible]
[illegible]	[illegible]	[illegible]	3		[illegible]
[illegible]	[illegible]	[illegible]	1		[illegible]
[illegible]	[illegible]	[illegible]	0		[illegible]
[illegible]	[illegible]	[illegible]	1		[illegible]
[illegible]	[illegible]	[illegible]	6		[illegible]

[illegible] DATE: [illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	0	[illegible]
[illegible]	[illegible]	[illegible]	1	[illegible]
[illegible]	[illegible]	[illegible]	1	[illegible]
[illegible]	[illegible]	[illegible]	0	[illegible]
[illegible]	[illegible]	[illegible]	1	[illegible]
[illegible]	[illegible]	[illegible]	0	[illegible]
[illegible]	[illegible]	[illegible]	0	[illegible]
[illegible]	[illegible]	[illegible]	0	[illegible]
[illegible]	114	[illegible]	0	[illegible]
[illegible]	[illegible]	[illegible]	0	[illegible]
[illegible]	711	7435	1	[illegible]

[illegible] - 5 - [illegible]

OPERATING LOCATION NEW
JSAFFTAC, ASHEVILLE NC

STATION [illegible]: [illegible] STATION [illegible]: [illegible]
LST TO UTC: + 5

HOURS LST	[illegible]	[illegible]	TOTAL
00-02	[illegible]	[illegible]	[illegible]
03-05	[illegible]	[illegible]	[illegible]
06-08	[illegible]	[illegible]	[illegible]
09-11	[illegible]	[illegible]	[illegible]
12-14	[illegible]	[illegible]	[illegible]
15-17	[illegible]	[illegible]	[illegible]
18-20	[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]	[illegible]
ALL [illegible]	[illegible]	[illegible]	[illegible]

A

[illegible] TEMPERATURE SUMMARY
[illegible] MONTHLY TEMPERATURES

[illegible] PERIOD OF RECORD: JUL 74 - JUN [illegible]
MONTH: ALL

	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	2771	2736	3257	977	10441
	3563	3525	3211	936	11235
	4515	4078	2751	1135	12479
	3444	1	4413	1117	12977
	3477	3243	3564	2275	13157
	3417	3111	3014	1134	10677
	3[illegible]3	3[illegible]3	3[illegible]26	774	12[illegible]
	3[illegible]3	3[illegible]4	3[illegible]2	1[illegible]3	13[illegible]4
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] - 4 - 5 - 7

B

OPERATING LOCATION: WAW
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE

STATION NUMBER: [illegible] STATION NAME: [illegible]

LST TO UTC: + 5

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO							
	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]
00-02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
03-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
06-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
00-02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
03-05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
06-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

RELATIVE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 79 - JUN [illegible]

MONTH: JAN

[illegible] TIME OF [illegible] LT					
[illegible]	7	[illegible]	19	MEAN	TOTAL OBS
[illegible]	32.[illegible]	17.4	5.3	59.9	[illegible]
[illegible]	33.[illegible]	15.7	7.5	61.3	[illegible]
[illegible]	31.9	13.4	3.7	61.[illegible]	[illegible]
[illegible]	34.[illegible]	11.3	[illegible]	59.[illegible]	[illegible]
[illegible]	30.[illegible]	11.[illegible]	[illegible].1	61.[illegible]	[illegible]
[illegible]	[illegible].[illegible]	11.[illegible]	[illegible].[illegible]	61.[illegible]	[illegible]
[illegible]	[illegible].7	[illegible].1	[illegible].7	[illegible].[illegible]	[illegible]
[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].4	[illegible].[illegible]	[illegible]
[illegible]	37.[illegible]	[illegible].[illegible]	[illegible].7	[illegible].[illegible]	7-31

[illegible] TIME [illegible]

[illegible]	[illegible].[illegible]	37.[illegible]	[illegible].[illegible]	[illegible].7	62.[illegible]	[illegible]
[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible]
[illegible]	[illegible].[illegible]	[illegible].[illegible]	17.1	11.7	[illegible].[illegible]	[illegible]
[illegible]	[illegible].[illegible]	34.[illegible]	17.[illegible]	[illegible].3	57.1	[illegible]
[illegible]	[illegible].7	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible]
[illegible]	[illegible].[illegible]	34.7	15.7	[illegible].[illegible]	51.[illegible]	[illegible]
[illegible]	[illegible].[illegible]	33.1	19.[illegible]	9.[illegible]	56.[illegible]	[illegible]
[illegible]	[illegible].[illegible]	33.1	[illegible].7	13.7	[illegible].[illegible]	[illegible]
[illegible]	[illegible].7	31.[illegible]	20.[illegible]	[illegible].1	59.[illegible]	5791

[illegible] - 4 - 1

6

OPERATING LOCATION "A" — CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE BY RELATIVE HUMIDITY
USAFETAC, ASHEVILLE, NC

STATION NUMBER: 72305 — STATION NAME: RALEIGH-DURHAM
LST TO UTC: + 5

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	
00-02	100.0	99.5	96.5	84.3	71.1	57.0	40.5	26.1	
03-05	100.0	100.0	96.8	88.4	74.3	59.2	42.4	27.4	1
06-08	100.0	100.0	96.6	83.2	75.6	59.3	43.0	27.4	
09-11	100.0	99.5	97.8	72.3	55.6	42.3	29.5	20.7	
12-14	100.0	96.6	79.2	61.4	44.1	33.4	23.6	16.6	
15-17	100.0	98.1	79.5	63.4	49.6	34.1	23.1	16.1	
18-20	100.0	98.7	87.1	71.2	56.9	43.1	31.6	22.6	
21-23	100.0	99.2	93.7	81.1	66.3	53.4	37.1	24.2	
ALL HOURS	100.0	99.4	93.0	79.0	62.7	49.4	33.7	23.0	

00-02	100.0	100.0	99.2	95.7	86.2	74.5	53.9	35.6	1
03-05	100.0	100.0	99.5	96.3	87.7	77.1	62.7	41.6	
06-08	100.0	100.0	98.5	91.9	81.9	67.5	53.5	35.1	1
09-11	100.0	99.5	99.0	75.5	59.4	47.1	34.9	23.3	1
12-14	100.0	97.6	88.3	67.4	52.6	41.2	30.0	21.1	
15-17	100.0	97.2	86.2	70.7	54.7	43.5	34.0	23.7	
18-20	100.0	98.9	93.1	82.4	69.1	57.7	44.2	31.7	1
21-23	100.0	99.4	97.9	90.1	77.3	67.4	53.4	41.4	1
ALL HOURS	100.0	99.1	94.9	83.1	71.2	59.5	44.0	30.4	1

PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FOR HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR

GREATER THAN OR EQUAL TO						
	70%	50%	30%	MEAN	TOTAL OBS	
1	57.3	40.7	24.5	9.5	58.0	930
	57.3	42.4	27.3	13.3	59.4	930
	59.3	43.8	27.8	9.7	59.4	930
	42.4	28.3	13.7	4.3	53.1	930
1	53.4	33.4	14.3	5.4	51.2	930
	54.4	32.9	15.9	6.3	51.3	930
	47.4	31.	17.	7.4	47.9	930
	51.4	37.1	22.2	9.7	51.9	930
1	74.4	53.7	33.4	14.4	61.2	7440

MONTH: APR

	74.5	60.9	38.4	16.7	72.9	900
1	77.	60.7	41.	14.7	73.3	900
	64.3	48.3	34.1	15.1	68.5	900
	47.1	34.5	23.3	13.4	57.5	900
	41.3	29.9	9.1	4.3	55.1	900
	61.5	34.1	20.3	7.5	65.3	900
	57.7	44.2	24.7	11.4	63.0	900
	67.4	52.4	38.4	15.3	61.7	900
	64.3	44.5	30.5	12.9	65.7	7190

D

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

CUMULATIVE FREQUENCY (%) BY GMT HOUR
FOR JULY

STATION NUMBER: 72306

STATION NAME: PLEASE SPECIFY

LST TO UTC: + 5

HOURS LST — CUMULATIVE HUMIDITY DATA

HOURS LST									
00-02	100.0	100.0	99.9	99.4	94.5	86.0	79.3	56.[illegible]	[illegible]
03-05	100.0	100.0	100.0	100.0	97.7	[illegible]	[illegible]	[illegible]	[illegible]
06-08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-11	100.0	99.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-14	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

00-02	100.0	100.0	100.0	99.0	93.4	84.0	73.9	[illegible]	[illegible]
03-05	100.0	100.0	100.0	100.0	93.7	[illegible]	[illegible]	[illegible]	[illegible]
06-08	100.0	100.0	100.0	99.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-11	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-14	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

A

[illegible] FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
[illegible] HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
MONTH: MAY

[illegible] HOUR [illegible]					TOTAL OBS
[illegible]	73.3	54.2	29.5	73.1	930
[illegible]	60.2	36.[illegible]	33.3	81.3	930
[illegible]	53.5	45.[illegible]	22.3	74.5	930
[illegible]	38.4	25.2	13.[illegible]	61.2	930
[illegible]	33.3	21.4	11.1	57.1	930
[illegible]	32.2	20.[illegible]	12.3	51.1	930
[illegible]	45.2	31.7	17.[illegible]	65.3	930
[illegible]	61.3	41.2	24.3	73.5	930
[illegible]	72.3	53.[illegible]	28.2	73.2	744

MONTH: JUN

[illegible]					
[illegible]	77.4	54.1	29.[illegible]	80.7	900
[illegible]	2.1	1.[illegible]	35.[illegible]	86.3	900
[illegible]	67.[illegible]	47.4	22.1	74.5	900
[illegible]	56.[illegible]	37.2	13.3	63.1	900
[illegible]	50.1	33.[illegible]	10.2	57.3	900
[illegible]	51.2	31.1	16.7	57.4	900
[illegible]	64.2	37.[illegible]	14.4	67.3	900
[illegible]	54.3	40.7	21.2	78.3	897
[illegible]	55.3	38.2	14.7	76.3	7197

[illegible] - 3 - 3

6

OPERATING LOCATION WAW — CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FOR PERIOD JULY 47 - APR 73

STATION NUMBER: 723136 — STATION NAME: BIAS, NC
LST TO GMT: + 5 — UNITS:

HOURS — RELATIVE HUMIDITY GREATER THAN OR EQUAL TO

LST	100	99	98	97	95	90	75	50	
00-02	100.0	100.0	100.0	100.0	99.4	95.7	[illegible]	[illegible]	[illegible]
03-05	100.0	100.0	100.0	100.0	99.7	[illegible]	91.6	79.[illegible]	[illegible]
06-08	100.0	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-11	100.0	100.0	99.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-14	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

00-02	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	74.1	[illegible]
03-05	100.0	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
06-08	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-11	100.0	100.0	100.0	[illegible]	[illegible]	71.4	[illegible]	[illegible]	[illegible]
12-14	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-17	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-20	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-23	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

...NGE FREQUENCY DISTRIBUTION OF RELATIVE HUMIDITY
...DAILY OBSERVATIONS

... PERIOD OF RECORD: JUL 73 - JUN ..
MONTH: JUL

...	...TYPE OF RELATIVE HU...					
	00Z	06Z	12Z	18Z	MEAN	TOTAL OBS
...	81.7	69.5	54.3	35.9	62.7	248
.7	91.2	91.6	76.2	42.4	70.2	838
..	96.	78.1	56.3	24.2	73.7	83
..	88.4	83.9	71.5	13.1	66.4	124
..	94.1	85.4	17.2	5.3	50.2	930
..	97.6	93.5	14.5	3.2	52.6	930
..	94.4	91.2	31.7	1.6	54.9	930
..	94.2	71.1	44.	27.2	77.4	868
.7	74.	72.5	43.4	21.4	77.2	7437

MONTH: AUG

.7	93.1	93.6	74.1	46.2	84.3	930
.	96.2	94.1	72.2	42.6	80.3	930
..	94.7	87.2	65.6	30.7	83.2	930
..	71.6	65.1	34.1	9.0	61.6	930
..	96.1	88.1	14.9	4.2	51.6	930
..	91.2	81.9	19.7	5.8	52.9	930
..	93.9	92.7	31.4	12.3	72.5	930
.	94.4	94.3	71.0	32.4	80.2	930
..	92.7	86.2	45.8	20.2	80.2	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FOR EACH

STATION NUMBER: 723086 STATION TYPE: PLANS AFLAS

LST TO UTC: + 5

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO								
	10%	20%	30%	40%	50%	60%	70%	80%	90%
00-02	100.0	100.0	100.0	100.0	99.6	96.7	87.3	62.2	34.
03-05	100.0	100.0	100.0	100.0	99.4	97.5	88.1	67.1	3 ..
06-08	100.0	100.0	100.0	100.0	99.4	98.4	91.3	73.7	3 ..
09-11	100.0	100.0	100.0	99.4	97.4	92.1	80.1	54.5	.
12-14	100.0	100.0	99.2	92.1	83.1	66.4	45.9	19.5	1 ..
15-17	100.0	100.0	99.4	93.2	79.9	60.7	39.1	17.3	2 ..
18-20	100.0	100.0	99.7	95.9	82.2	61.7	39.1	16.2	1 ..
21-23	100.0	100.0	100.0	98.9	91.9	77.5	56.2	29.7	7 ..
ALL HOURS	100.0	100.0	99.8	97.0	87.4	72.4	53.0	31.2	10 ..

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FOR EACH

STATION NUMBER: 723086 STATION TYPE: PLANS AFLAS

LST TO UTC: + 5

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO								
	10%	20%	30%	40%	50%	60%	70%	80%	90%
00-02	100.0	100.0	100.0	99.4	95.3	83.3	73.9	47.7	2 ..
03-05	100.0	100.0	100.0	99.4	96.7	87.7	74.1	52.2	2 ..
06-08	100.0	100.0	100.0	99.2	96.1	86.6	71.2	47.1	2 ..
09-11	100.0	100.0	99.6	98.2	74.4	58.7	35.2	14.2	1 ..
12-14	100.0	100.0	97.4	72.4	45.7	27.6	13.2	4.5	.
15-17	100.0	99.	97.7	75.6	46.1	27.3	10.0	2.2	.
18-20	100.0	100.0	97.2	76.7	49.6	32.7	18.4	8.4	2 ..
21-23	100.0	100.0	100.0	91.7	82.6	64.0	41.4	17.7	4 ..
ALL HOURS	100.0	100.0	99.3	94.5	83.6	70.3	53.2	34.6	10 ..

PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FOR HOURLY BASE VALUES

PERIOD OF RECORD: JUL 79 - JUN 80
MONTHS: SEP

HOUR (EST)	0300	0900	1500	2100	MEAN	TOTAL OBS
	86.7	37.3	42.2	24.9	41.5	300
	77.3	38.7	50.0	31.4	53.1	300
	66.4	33.3	51.7	34.1	48.4	301
	87.1	49.3	24.5	4.3	47.3	302
	61.4	28.7	14.[illegible]	9.4	34.5	000
	63.7	29.3	17.3	7.4	30.3	000
	71.7	34.3	44.2	19.7	42.3	000
	77.3	74.2	43.7	24.7	74.1	000
	77.4	47.3	41.3	19.4	74.1	7[illegible]

MONTH: OCT

	74.3	75.3	47.7	23.4	77.4	310
	74.7	74.3	49.3	27.3	74.3	313
	74.3	71.3	47.1	31.4	77.2	310
	54.7	45.3	24.3	11.1	54.1	310
	37.3	19.7	14.3	4.1	26.1	310
	47.7	30.3	17.3	6.3	39.5	310
	72.7	48.1	31.4	12.2	50.3	310
	74.3	55.4	41.3	17.3	74.6	310
	74.4	53.3	34.5	15.1	74.5	7440

B

OPERATIONAL LOCATION "WA"
USAFETAC, ASHEVILLE NC

CUMULATIVE FREQUENCY OF OCCURRENCE OF
FOR MONTHLY TOTALS

STATION NUMBER: 72306

STATION NAME: [illegible]

LST TO GMT: + 5

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%
00-02	100.0	100.0	99.4	98.1	97.0	94.2	87.3	67.5	1
03-05	100.0	100.0	99.9	99.1	98.1	97.4	90.7	75.1	1
06-08	100.0	100.0	99.7	99.0	98.7	97.1	92.0	77.7	1
09-11	100.0	99.9	99.1	98.1	97.1	95.0	91.4	79.3	1
12-14	100.0	99.8	99.1	98.0	97.4	95.9	91.8	79.3	1
15-17	100.0	99.7	99.3	98.7	98.7	97.4	94.3	83.1	1
18-20	100.0	100.0	99.8	99.0	98.3	97.3	94.1	84.4	1
21-23	100.0	100.0	99.5	97.9	96.3	93.7	91.4	81.0	1
ALL HOURS	100.0	99.9	99.0	98.5	96.2	95.3	90.6	81.0	1

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%
00-02	100.0	99.9	99.9	99.1	97.9	96.0	94.1	84.5	1
03-05	100.0	100.0	99.9	99.3	98.3	97.3	97.0	89.4	1
06-08	100.0	100.0	99.9	99.5	99.2	98.4	96.4	93.7	1
09-11	100.0	100.0	99.6	99.7	99.0	98.1	96.5	92.2	1
12-14	100.0	99.7	99.4	99.2	98.2	97.7	97.0	94.0	1
15-17	100.0	99.9	99.4	99.0	98.6	97.9	97.1	94.1	1
18-20	100.0	99.8	99.2	98.6	98.7	98.3	97.3	92.9	1
21-23	100.0	99.9	99.6	99.0	98.2	97.3	96.5	94.2	1
ALL HOURS	100.0	99.9	99.7	99.0	98.3	97.3	96.5	94.1	1

[illegible] FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
[illegible] HOURLY OBSERVATIONS

[illegible] [illegible] [illegible] JUL 77 - JUN [illegible]

MONTH: JAN

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL OBS
[illegible]	74.[illegible]	[illegible].2	17.3	1[illegible].1	71.[illegible]	[illegible]
[illegible]	72.4	[illegible].7	[illegible].1	1[illegible].1	72.[illegible]	[illegible]
[illegible]	77.[illegible]	7.[illegible]	[illegible].7	1[illegible].7	77.6	[illegible]
[illegible]	[illegible].[illegible]	41.4	[illegible].3	11.[illegible]	[illegible].[illegible]	[illegible]
[illegible]	[illegible].[illegible]	31.[illegible]	27.1	7.[illegible]	[illegible].[illegible]	[illegible]
[illegible]	67.[illegible]	[illegible].[illegible]	[illegible].	[illegible].[illegible]	[illegible].[illegible]	[illegible]
[illegible]	[illegible].[illegible]	[illegible].1	[illegible].6	1[illegible].7	[illegible].[illegible]	[illegible]
[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	1[illegible].[illegible]	[illegible].[illegible]	[illegible]
[illegible]	[illegible].[illegible]	[illegible].[illegible]	31.[illegible]	12.[illegible]	[illegible].6	71[illegible]

MONTH: [illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible].[illegible]	44.1	[illegible].[illegible]	11.[illegible]	[illegible].[illegible]	[illegible]
[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	12.4	[illegible].[illegible]	[illegible]
[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].7	1[illegible].4	[illegible].[illegible]	[illegible]
[illegible]	[illegible].[illegible]	36.[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible]
[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].7	[illegible].[illegible]	[illegible]
[illegible]	[illegible].[illegible]	[illegible].1	1[illegible].1	7.[illegible]	[illegible].4	[illegible]
[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible]
[illegible]	[illegible].[illegible]	[illegible].[illegible]	24.2	[illegible].7	[illegible].7	[illegible]
[illegible]	[illegible].[illegible]	37.[illegible]	24.1	[illegible].[illegible]	[illegible].7	7443

OPERATING LOCATION: "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE [illegible] RELIABILITY [illegible]
[illegible]

STATION [illegible]

STATION [illegible]
[illegible]

HOURS LST

CUMULATIVE [illegible]

09-11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
12-14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
15-17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
18-20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
21-23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
ALL HOURS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

[illegible] CUMULATIVE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
[illegible] DAILY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUN [illegible]
[illegible] HOURS: ALL

[illegible] THAN OR EQUAL TO	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL OBS
27.3	53.7	46.4	23.7	73.4	13951
24.3	57.3	42.	23.2	76.1	13951
25.3	52.5	42.2	1 .2	72.5	13957
2 .7	55.3	22.	1 .3	77.3	13957
2 .3	5 .3	1 .	7.1	55.7	13957
2 .7	1 .3	1 .2	7.	7.1	13957
2 .3	5 .3	.	11.	2 .3	13
24.3	5 .3	27.2	1 .4	73.2	13 4
2 .3	57.7	31.	14.3	5 .4	2

PART I

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART I IS TAKEN FROM HOURLY OBSERVATI

- BY EIGHT 3-HOUR STANDARD SYNOPTIC [illegible]
(ALL YEARS COMBINED).

- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).

- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.
IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS,
COUNTS. THIS SUMMARY IS NOT AVAILABLE [illegible]

ALTIMETER SETTING.
IN INCHES OF MERCURY (IN), TABLES GIVE MEANS, STANDARD
TOTAL OBSERVATION COUNTS.

STATION PRESSURE.
IN INCHES OF MERCURY (IN), TABLES GIVE MEANS, STANDARD
TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS USED: 1 MILLIBAR = .02953 INCH

- 1 -

PART F

PRESSURE SUMMARIES

[illegible] IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

[illegible] SYNOPTIC [illegible] PUBLISH TIME PERIODS OF EACH MONTH
).

[illegible] ALL HOURS COMBINED).

[illegible] ALL HOURS OF [illegible]).

[illegible] MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATIONS
[illegible] AVAILABLE FOR [illegible] REPORTING SITES.

[illegible], [illegible] MEANS, STANDARD DEVIATIONS, AND
[illegible].

[illegible], [illegible] MEANS, STANDARD DEVIATIONS AND
[illegible].

[illegible] = [illegible] ONLY IF NO DATA (MG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLI
MONTHLY AND ANNUAL

STATION NUMBER: 72203
STATION NAME: [illegible]
LST IN UTC: +5

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	
0100	MEAN	1015.3	1015.9	1015.3	1013.4	1014.2	1015.2	1014.8	1015
	SD	11.43	10.328	10.230	9.479	9.337	9.233	9.063	9
	TOT OBS	310	278	310	300	310	300	310	
0400	MEAN	1015.8	1015.7	1014.2	1013.2	1014.2	1015.3	1014.3	1014
	SD	11.379	10.315	10.442	9.561	9.419	9.222	9.1	9
	TOT OBS	310	278	310	300	310	300	310	
0700	MEAN	1016.1	1017.0	1015.5	1014.2	1015.4	1016.	1015.	1015
	SD	11.419	9.952	10.591	9.138	9.3	9.047	9.027	9
	TOT OBS	310	278	310	300	310	300	310	
1000	MEAN	1015.7	1017.0	1015.3	1013.3	1014.2	1015.2	1014.8	1015
	SD	11.33	10.122	10.753	9.112	9.031	8.931	8.941	8
	TOT OBS	310	278	310	300	310	300	310	
1300	MEAN	1014.2	1015.2	1014.0	1012.7	1013.9	1015.	1014.1	1014
	SD	11.372	9.914	10.9	8.976	8.7	8.917	8.9	8
	TOT OBS	310	278	310	300	310	300	310	
1600	MEAN	1014.3	1015.3	1013.7	1012.3	1013.4	1015.2	1013.4	1014
	SD	11.113	9.733	10.9	8.944	8.911	8.913	8.913	8
	TOT OBS	310	278	310	300	310	300	310	
1900	MEAN	1014.4	1015.7	1014.1	1012.9	1014.1	1015.	1013.	1014
	SD	11.233	9.912	10.9	8.9	8.934	8.9	8.9	8
	TOT OBS	310	278	310	300	310	300	310	
2200	MEAN	1015.1	1017.1	1015.4	1013.1	1014.3	1015.4	1015.2	1015
	SD	11.2	9.914	10.9	8.9	8.9	8.9	8.9	8
	TOT OBS	310	278	310	300	310	300	310	
ALL HOURS	MEAN	1015.0	1015.7	1014.7	1013.0	1014.1	1015.1	1014.2	1014
	SD	11.378	9.959	10.343	9.055	8.935	8.914	8.91	8
	TOT OBS	2480	2224	2480	2400	2480	2400	2480	

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 79 - JUN

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1014.9	1013.0	1014.2	1015.3	1017.7	1016.2	1017.1	1016.7	1015.7
5.337	5.223	5.323	5.304	5.545	5.935	10.235	10.449	5.741
310	300	310	310	300	310	300	310	3653
1014.9	1013.0	1014.2	1015.7	1017.6	1016.2	1017.0	1016.7	1015.6
5.319	5.222	5.323	5.303	5.557	5.972	10.442	10.214	5.331
310	300	310	310	300	310	300	310	3653
1014.4	1013.	1014.2	1015.5	1017.5	1016.2	1017.5	1017.4	1016.4
5.338	5.347	5.327	5.139	5.717	5.131	10.477	10.233	5.506
310	300	310	310	300	310	300	310	3652
1015.	1013.7	1014.4	1015.4	1017.5	1016.2	1017.7	1017.1	1016.3
5.3	5.435	5.423	5.21	5.135	5.252	10.224	10.213	5.351
310	300	310	310	300	310	300	310	3653
1014.3	1012.4	1014.1	1015.7	1017.2	1016.0	1016.2	1016.2	1015.1
5.3	5.417	5.423	5.215	5.421	5.139	10.474	10.333	5.311
310	300	310	310	300	310	300	310	3653
1015.3	1012.2	1013.4	1014.4	1016.5	1017.4	1016.1	1016.5	1014.7
5.313	5.413	5.443	5.133	5.345	5.136	10.133	10.321	5.253
310	300	310	310	300	310	300	310	3652
1014.1	1013.1	1014.1	1015.4	1017.2	1016.1	1016.	1017.2	1015.1
5.431	5.333	5.333	5.31	5.335	5.351	10.333	10.454	5.337
310	300	310	310	300	310	300	310	3652
1014.4	1013.4	1014.3	1015.3	1017.4	1016.1	1017.1	1017.3	1015.9
5.333	5.323	5.313	5.333	5.544	5.271	5.453	10.213	5.514
310	300	310	310	300	310	300	310	3652
1014.3	1013.1	1014.3	1015.4	1017.3	1016.3	1016.9	1017.	1015.7
5.335	5.314	5.331	5.131	5.733	5.14	10.333	10.333	5.775
310	300	310	310	300	310	300	310	3653

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM SUPPLY ESTIMATES

STATION NUMBER: 72536 STATION NAME: [illegible] AFB NC
LST TO UTC: + 5

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
0100	MEAN	29.94	30.02	29.98	29.92	29.86	29.81	29.88	29.9
	SD	.333	.296	.332	.264	.187	.177	.166	.1
	TOT OBS	310	283	310	300	310	300	310	31
0400	MEAN	29.94	30.02	29.99	29.92	29.86	29.81	29.87	29.
	SD	.341	.295	.328	.267	.184	.173	.164	.1
	TOT OBS	310	283	310	300	310	300	310	31
0700	MEAN	30.00	30.04	29.99	29.94	29.86	29.84	29.87	29.
	SD	.304	.293	.316	.269	.188	.187	.164	.1
	TOT OBS	310	283	310	300	310	300	310	31
1000	MEAN	30.02	30.04	29.99	29.94	29.86	29.8	29.87	29.
	SD	.336	.295	.317	.267	.187	.181	.166	.1
	TOT OBS	310	283	310	300	310	300	310	31
1300	MEAN	29.95	30.00	29.96	29.91	29.87	29.8	29.84	29.
	SD	.334	.292	.309	.262	.189	.182	.181	.1
	TOT OBS	310	283	310	300	310	300	310	31
1600	MEAN	29.95	29.99	29.94	29.89	29.83	29.79	29.83	29.
	SD	.332	.293	.297	.258	.191	.187	.170	.1
	TOT OBS	310	283	310	300	310	300	310	31
1900	MEAN	29.96	30.02	29.99	29.91	29.86	29.83	29.86	29.
	SD	.333	.293	.320	.262	.188	.187	.176	.1
	TOT OBS	310	283	310	300	310	300	310	31
2200	MEAN	29.93	30.00	29.98	29.93	29.87	29.84	29.87	29.
	SD	.332	.292	.309	.267	.184	.173	.164	.1
	TOT OBS	310	283	310	300	310	300	310	31
ALL HOURS	MEAN	29.95	30.02	29.97	29.92	29.86	29.81	29.86	29.
	SD	.333	.294	.315	.264	.187	.180	.169	.1
	TOT OBS	2480	2264	2480	2400	2480	2400	2480	248

ALTIMETER SETTING IN INCHES
[illegible] SUPPLY OBSERVATIONS

[illegible] PERIOD OF RECORD: JUL 73 - JUL [illegible]

	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	29.[illegible]	29.91	29.[illegible]	30.02	30.05	30.07	30.03	30.02	29.99
	.137	.174	.158	.147	.123	.266	.321	.232	.257
	310	300	310	310	300	310	300	310	3653
	29.[illegible]	29.91	29.[illegible]	29.99	30.05	30.06	30.03	30.02	29.99
	.134	.173	.154	.143	.124	.267	.307	.210	.260
	310	300	310	310	300	310	300	310	3653
	29.[illegible]	29.94	29.97	30.02	30.07	30.09	30.04	30.04	30.01
	.128	.137	.153	.151	.129	.259	.309	.211	.252
	310	300	310	310	300	310	300	310	3653
	29.[illegible]	29.94	29.97	30.02	30.07	30.09	30.05	30.06	30.01
	.143	.131	.156	.123	.121	.273	.313	.215	.264
	310	300	310	310	300	310	300	310	3653
	29.[illegible]	29.91	29.96	30.01	30.04	30.07	30.03	30.02	29.97
	.134	.142	.141	.134	.121	.271	.303	.210	.243
	310	300	310	310	300	310	300	310	3653
	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	30.01	30.04	30.[illegible]	30.01	29.94
	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	30.04	30.07	30.[illegible]	30.[illegible]	29.[illegible]
	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	[illegible]	30.0[illegible]	[illegible]	[illegible]	30.00
	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "WAW"
USAFETAC, ASHEVILLE NC

STATION PRESSURE (INCH
MONTHLY DIURNAL VARIA

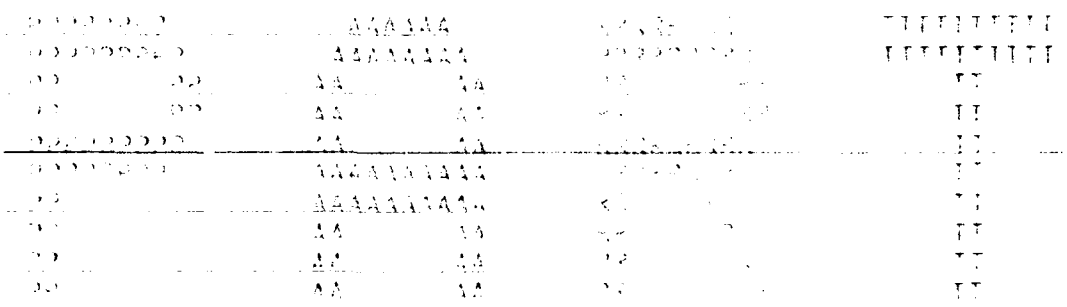
STATION NUMBER: 723053 STATION NAME: [illegible] PAGE 1
LST TO UTC: + 5

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
0100	MEAN	29.35	29.31	29.35	29.31	29.35	29.[illegible]	29.[illegible]	29.[illegible]
	SD	.335	.292	.294	.261	.124	.179	.[illegible]	.[illegible]
	TOT OBS	310	283	310	300	310	300	310	[illegible]
0400	MEAN	29.36	29.33	29.35	29.32	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]
	SD	.327	.291	.304	.253	.[illegible]	.177	.[illegible]	.[illegible]
	TOT OBS	310	283	310	300	310	300	310	[illegible]
0700	MEAN	29.[illegible]	29.32	29.37	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]
	SD	.338	.290	.311	.267	.[illegible]	.[illegible]	.[illegible]	.[illegible]
	TOT OBS	310	283	310	300	310	300	310	[illegible]
1000	MEAN	29.[illegible]	29.28	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]
	SD	.332	.291	.313	.263	.[illegible]	.[illegible]	.[illegible]	.[illegible]
	TOT OBS	310	283	310	300	310	300	310	[illegible]
1300	MEAN	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]
	SD	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]
	TOT OBS	310	283	310	300	310	300	310	[illegible]
1600	MEAN	29.34	29.27	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]
	SD	.324	.285	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]
	TOT OBS	310	283	310	300	310	300	310	[illegible]
1900	MEAN	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]
	SD	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]
	TOT OBS	310	283	310	300	310	300	310	[illegible]
2200	MEAN	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]
	SD	.32[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]
	TOT OBS	310	283	310	300	310	300	310	[illegible]
ALL HOURS	MEAN	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]
	SD	.331	.290	.301	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]
	TOT OBS	[illegible]	2266	2480	2400	2479	[illegible]	[illegible]	[illegible]

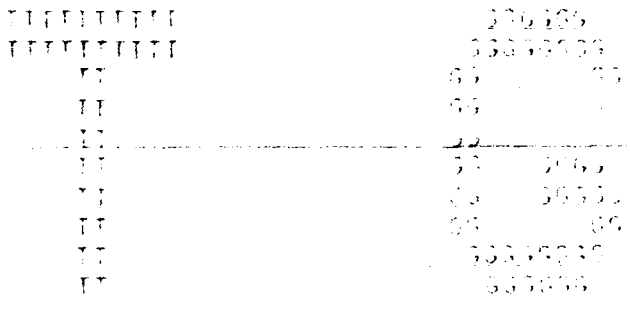
STATION PRESSURE IN INCHES
HOURLY OBSERVATIONS

PERIOD OF RECORD: JUL 7[illegible] - JUN [illegible]

	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	29.[illegible]	29.[illegible]	29.83	29.84	29.93	29.95	29.92	29.90	29.97
	.124	.173	.154	.143	.133	.252	.223	.304	.254
	310	300	310	310	300	310	300	310	3653
	29.[illegible]	29.[illegible]	29.83	29.[illegible]	29.93	29.95	29.91	29.90	29.97
	.[illegible]	.179	.155	.145	.130	.253	.305	.305	.256
	310	300	310	310	300	310	300	310	3653
	29.87	29.92	29.96	29.98	29.95	29.97	29.98	29.92	29.98
	.[illegible]	.143	.134	.143	.135	.256	.305	.307	.256
	310	300	310	310	300	310	300	310	3653
	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.97	29.[illegible]	29.[illegible]	29.[illegible]
	.141	.137	.[illegible]	.[illegible]	.137	.270	.[illegible]	.[illegible]	.260
	310	300	310	310	300	310	300	310	3653
	29.[illegible]	29.79	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]
	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.267	.304	.[illegible]	.[illegible]
	310	300	310	310	300	310	300	310	3653
	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]
	.[illegible]	.[illegible]	.147	.147	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.251
	310	300	310	310	300	310	300	310	3652
	29.[illegible]	29.[illegible]	29.[illegible]	29.87	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.87
	.[illegible]	.[illegible]	.[illegible]	.144	.134	.[illegible]	.[illegible]	.[illegible]	.249
	310	300	310	310	300	310	300	310	3652
	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]
	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]
	310	300	[illegible]	310	300	310	300	310	3652
	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]	29.[illegible]
	.[illegible]	.[illegible]	.[illegible]	.147	.135	.[illegible]	.[illegible]	.[illegible]	.255
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24221



A



[illegible]

[illegible]

[illegible]

OPERATING LOCATION "AA"
USAF-TAC, [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: +

CATEGORY A: ANY CEILING [illegible] VISIBILITY [illegible]

CATEGORY : [illegible]

TIME (LST)	[illegible]	[illegible]
SPEED (KTS)	[illegible]	[illegible]
CATEGORY A	[illegible]	[illegible]
CATEGORY	[illegible]	[illegible]

TIME (LST)	1200 - 1400	1400 - 17
SPEED (KTS)	[illegible]	[illegible]
CATEGORY A	[illegible]	[illegible]
CATEGORY	[illegible]	[illegible]

TIME (LST)	2300 - 2500	
SPEED KTS	[illegible]	[illegible]
CATEGORY A	1.4 .2	[illegible]
CATEGORY	7.1 2.6 .2	[illegible]

3 - 2 - 1

A

OPERATING LOCATION "A"
USAFETAC, SCOTT AFB IL

STATION NUMBER: 72455 STATION NAME: PEARL NH

LST TO UTC: 6 H

CATEGORY A: ANY CEILING / VISIBILITY CATEGORY

CATEGORY B: HIGHEST HEIGHT AND LOWEST VISIBILITY

TIME (LST) 0000 - 0300

SPEED (KTS)										
CATEGORY A	.			.1	.					.1
CATEGORY B	2.3	.7	.2	.1	3.1	1.1	.3	.1	.1	.1

TIME (LST) 0300 - 0600

SPEED (KTS)										
CATEGORY A	1.1	.1		.1	1.3	.1		.1		1.1
CATEGORY B	4.2	3.2	1.1	.7	5.1	1.7	.7	.1	.1	5.1

TIME (LST) 0600 - 0900

SPEED (KTS)										
CATEGORY A	1.0	.1		.1	1.2					1.2
CATEGORY B	3.7	3.1	.7	.1	7.4					7.4

3 - 2 - 3

A

[illegible]

[illegible]

[illegible]

OPERATING LOCATION "A"

STATION NUMBER:

STATION NAME:

| | | |

OPERATING LOCATION: MAW
USAFETAC, 15TH WEA SQ

STATION NUMBER: 72[illegible] STATION NAME: [illegible]
LST TO GMT: +[illegible]

CATEGORY A: ANY CEILING - VISIBILITY [illegible]
CATEGORY B: [illegible]

TIME (LST)	[illegible]											
SPEED (KTS)	[illegible]											
CATEGORY A	1.[illegible]	.1	[illegible]		.7	.[illegible]						
CATEGORY B	[illegible]	.7	1.1	1[illegible]	[illegible]	1.[illegible]	.[illegible]	1[illegible]				7.
TIME (LST)	[illegible]											
SPEED (KTS)	[illegible]											
CATEGORY A	[illegible]	.4	[illegible]		1.[illegible]	.[illegible]						1.
CATEGORY B	11.7	[illegible]	3.1	1[illegible]	[illegible]	[illegible]	.[illegible]	1[illegible]				[illegible]
TIME (LST)	[illegible]											
SPEED KTS	[illegible]											
CATEGORY A	[illegible]				1.4	.[illegible]						1.
CATEGORY B	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]				[illegible]

[illegible]

A

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

STATION NO. AS 72 [illegible] STATION NAME: [illegible]
LST TO UTC: + [illegible]

CATEGORY A: [illegible]

CATEGORY B: [illegible]

| | | |

B

OPERATING LOCATION: NAME — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
USAFETAC, ASHEVILLE, NC — AND VISIBILITY CATEGORIES

STATION NUMBER: 72[illegible] STATION NAME: [illegible]
LST TO UTC: + 5

CATEGORY A: ANY CEILING OR VISIBILITY (ONLY)

CATEGORY B: HIGHEST [illegible] CEILING [illegible]

TIME (LST)	0000 - 0200					0300 - 0500				
SPEED (KTS)	[illegible]					[illegible]				
CATEGORY A				[illegible]					[illegible]	
CATEGORY B		.1		[illegible]					[illegible]	

TIME (LST)	1200 - 1400					1500 - 1700				
SPEED (KTS)	[illegible]					[illegible]				
CATEGORY A				[illegible]	.2			[illegible]		.1
CATEGORY B	.2	.4		[illegible]	[illegible]	.1	.1	[illegible]		1.

TIME (LST)	[illegible]									
SPEED KTS	[illegible]									
CATEGORY A					.1			[illegible]		.
CATEGORY B					1.8	.2	.1	[illegible]		1.

[illegible] - 2 - [illegible]

A

OPERATING LOCATION: "AW"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING

STATION NUMBER: 723255 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

CATEGORY A: ANY CEILING & VISIBILITY (UNLIMITED)

CATEGORY B: HIGHEST WINDS SPEED WITHIN

TIME (LST)	0000 - 0200				0300 - 0500				
SPEED (KTS)	01-16	17-20	21-25	26+	01-16	17-20	21-25	26+	
CATEGORY A				45.7					.7
CATEGORY B	.7	.2	1.4	.4	.7		1.4	.4	

TIME (LST)	1200 - 1400				1500 - 1700				
SPEED (KTS)	01-16	17-20	21-25	26+	01-16	17-20	21-25	26+	
CATEGORY A	.1			33.3	.2			50.0	.1
CATEGORY B	2.7	.7	.2	1.4	1.4	.9		1.1	1.7

TIME (LST)	2100 - 2300					
SPEED KTS	01-16	17-20	21-25	26+		
CATEGORY A	.2			44.0	.7	
CATEGORY B	1.7	.9	.2	33.3	1.5	

FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 156-246

PERIOD OF RECORD: JUL 70 - JUN 79
MONTH: AUG

CEILING VS VISIBILITY (HOURLY OBS ONLY)

ALL WINDS (CALMS EVENLY SPLIT) FOR 0100 (ANNUALS + SPECIALS)

0001 - 0300			0301 - 0900			0901 - 1100		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	.2		[illegible]	.2		[illegible]	
.2	.2	1.4	.2	.3	1.8	2.3	.3	1.9

1101 - 1700			1701 - 2000			2001 - 2300		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
.2	[illegible]	.1		[illegible]	.4		[illegible]	
.2	1.1	1.2	.1	1.9	.3	.4	.3	2.6

ALL WINDS

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	4490	.2	7440	
.2	[illegible]	1.4	.4	.1	11.

D

OPERATING LOCATION: NAW — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBERS: 723035 STATION NAME: PEASE AFB NH
LST TO UTC: + 5

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS)

CATEGORY B: HIGHEST WINDS REPORTED WITH CEILING AND VISIBILITY (HOURLY OBS)

TIME (LST)	0000 - 0259				0300 - 0559				
SPEED (KTS)	0-15	16-20	21-25	26+	0-15	16-20	21-25	26+	
CATEGORY A				.3				.4	
CATEGORY B	.3			.4	.7	.1	.2	.4	1.7

TIME (LST)	1200 - 1459				1500 - 1759				
SPEED (KTS)	0-15	16-20	21-25	26+	0-15	16-20	21-25	26+	
CATEGORY A	.3			.3	.1			.4	
CATEGORY B	4.4	1.5		.7	3.3	.7	.2	.2	10.4

TIME (LST)	2100 - 2359				
SPEED KTS	0-15	16-20	21-25	26+	
CATEGORY A	.4			.4	.8
CATEGORY B	3.4	1.1	.2	.4	5.1

5 - 2 - 3

A

FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 156-336

APC AK — PERIOD OF RECORD: JUL 70 - JUN 78
MONTH: SEP

CEILING & VISIBILITY (M-HOURLY OBS ONLY)

ALL WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

0300 - 0500				0600 - 0900				1100 - 1100			
10	0520	0425	035	0515	0520	0525	035	0515	0520	0525	035
.3			900	.4			900	.4			900
.4	.2	.2	998	1.2	.6		1914	3.4	1.0	.1	1914

1500 - 1700				1800 - 2000				2100 - 2300			
10	0520	0525	035	0515	0520	0525	035	0515	0520	0525	035
.1			900	.4			900				900
.3	.1	.2	952	2.2	1.4	.6	959	1.8	.2	.1	999

0 - 2300			ALL WINDS				
10	0520	035	0515	0520	0525	035	
		4800	.3			7200	
1.1	.2	4991	2.4	.7	.1	7021	

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
USAARTAC, ASHEVILLE NC — AND VISIBILITY

STATION NUMBER: 72603 STATION NAME: [illegible]
LST TO UTC: + 5

CATEGORY A: ANY CEILING OR VISIBILITY (ONLY)

CATEGORY B: HIGHEST WIND SPEED [illegible]

TIME (LST)	0000 - 0259				[illegible]				
SPEED (KTS)	[illegible]				[illegible]				
CATEGORY A				[illegible]	.2			[illegible]	.2
CATEGORY B	.7	.1		1.004	2.2	1.1	.1	1.[illegible]	.[illegible]

TIME (LST)	1200 - 1459				1[illegible]				
SPEED (KTS)	[illegible]				[illegible]				
CATEGORY A	1.1	.4		[illegible]	.[illegible]	.2		[illegible]	.[illegible]
CATEGORY B	7.1	1.[illegible]	.6	1082	3.[illegible]	1.1	.4	101	1.[illegible]

TIME (LST)	0900 - 2059				
SPEED KTS	[illegible]			[illegible]	[illegible]
CATEGORY A	.3	.3	.2	4690	.[illegible]
CATEGORY B	3.1	1.6	.2	5102	.[illegible]

A

FREQUENCY OF OCCURRENCE OF CEILINGS
AND/OR HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 196-346

PERIOD OF RECORD: JUL 71 - JUN 79
MONTH: OCT

CEILING OR VISIBILITY (HOURLY OBS ONLY)

EST HOURS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

0001 - 0500				0501 - 0800				0801 - 1100			
GE22	GE28	TOS		GE15	GE20	GE25	TOS	GE15	GE20	GE25	TOS
		344		.9	.1		933	.1	.1		930
1.9	.1	1017		2.9	1.4	.4	1054	3.9	1.7	.5	1052

1101 - 1700				1701 - 2000				2001 - 2300			
GE22	GE28	TOS		GE15	GE20	GE25	TOS	GE15	GE20	GE25	TOS
.2		939		.5	.3	.1	939	.1			939
1.1	.4	1011		1.5	.8	.4	1045	1.2	.5	.1	1013

2301 - 0000				ALL HOURS			
GE22	GE28	TOS		GE15	GE20	GE25	TOS
.3	.0	4459		.5	.2	.0	7440
.9	.0	5152		3.1	1.1	.4	8139

4 - 2 - 13

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
AND VISIBILITY CATEGORIES

STATION NUMBER: 723083 STATION NAME: PEASE AFB NH
LST TO GMT: + 5

CATEGORY A: ANY CEILING OR VISIBILITY (ONLY)

CATEGORY B: HIGHEST CEILING (OBSCD) AND LOWEST VIS

TIME (LST)	0000 - 0300				0600 - 0900				
SPEED (KTS)	ALL	1-10	11-16	17+	ALL	1-10	11-16	17+	
CATEGORY A	.4			900	.7			.9	.4
CATEGORY B	4.3	1.3	.2	1900	5.1	1.1	.6	1900	3.7

TIME (LST)	1200 - 1500				1800 - 2100				
SPEED (KTS)	ALL	1-10	11-16	17+	ALL	1-10	11-16	17+	
CATEGORY A	.3			900	.8			900	.4
CATEGORY B	5.5	1.3	.1	900	7.4	1.1	.7	1900	5.1

TIME (LST)	0000 - 2400				
SPEED KTS	ALL	1-10	11-16	17+	
CATEGORY A	.5	.9		4900	.4
CATEGORY B	4.9	1.4	.3	2200	3.4

3 - 2 - 11

A

OPERATING LOCATION "A"
USAFTAC, SCOTT AFB IL

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TIME: + 6

CATEGORY A: ANY CEILING / VISIBILITY [illegible]

CATEGORY B: MINIMUM CEILING [illegible]

TIME (LST)	[illegible]											
SPEED (KTS)	[illegible]											
CATEGORY A	[illegible]											
CATEGORY B	[illegible]											

TIME (LST)	[illegible]											
SPEED (KTS)	[illegible]											
CATEGORY A	[illegible]											
CATEGORY B	[illegible]											

TIME (LST)	[illegible]											
SPEED KTS	[illegible]											
CATEGORY A	[illegible]											
CATEGORY B	[illegible]											

[illegible]

A

[illegible] OF DOCUMENTS OF CLASSIFIED
MONTHLY [illegible] VISIBILITY

MAGNETIC PRIMARY HEADING: 100-240

[illegible] PERIOD OF RECORD: JUL 77 - JUN 80
MONTH: ALL

[illegible] VISIBILITY (HOURLY OBS ONLY)

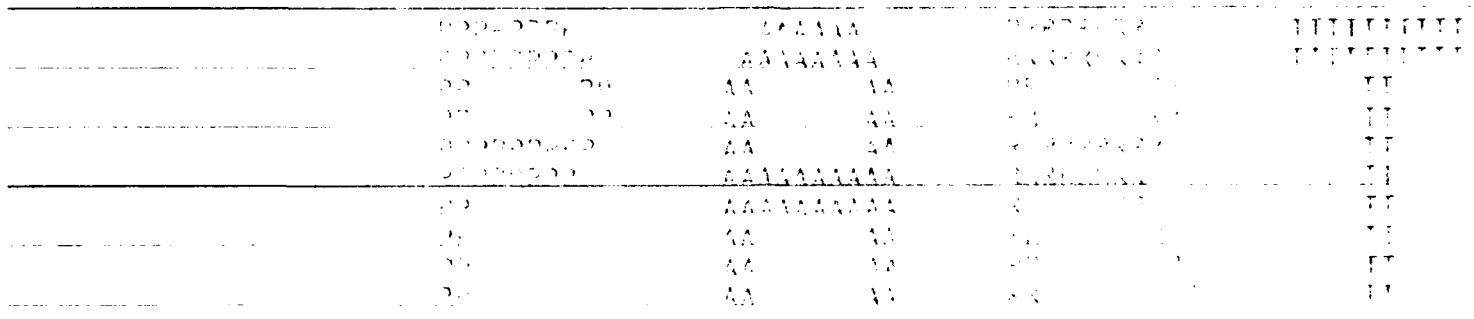
[illegible] (MILES) COMPUTED USING TWO HOUR (MIDNIGHTS + SPECIALS)

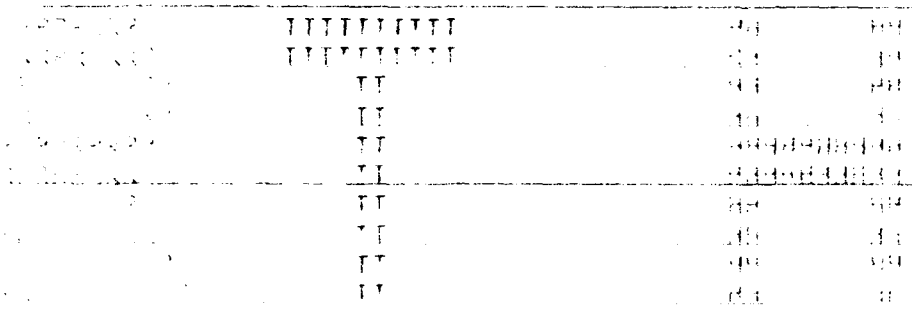
[illegible]	0000 - 0559			0600 - 1159			1200 - 1759			1800 - 2359		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]	0000 - 0559			0600 - 1159			1200 - 1759			1800 - 2359		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]	ALL HOURS			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

B





DEGREE DAY DATA [illegible]

DEGREE DAYS.
[illegible] MONTHLY DEGREE DAYS (HEATING AND [illegible]
THE NUMBER OF DEGREE DAYS FOR EACH MONTH [illegible]

INCLUDED WITH EACH SUMMARY ARE STATISTICS [illegible]
ARE (IF AVAILABLE). THE 30-YEAR NORMALS ARE [illegible]
CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS
OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). THE [illegible]
CURVES IN 1931-1960 AS SUCH AS DATA FOR [illegible]

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH [illegible]
IN THESE TABLES. ASTERISKS (****) DENOTE [illegible]
CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.
THE "HEATING DEGREE DAY" IS USED AS A MEASURE OF
MEAN TEMPERATURE FALLS BELOW A SPECIFIED [illegible]
FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE
THAT DAY IS SAID TO HAVE [illegible]

COOLING DEGREE DAYS.
THE "COOLING DEGREE DAY" IS ASSIGNED TO A PARTICULAR
TEMPERATURE RISES ABOVE A DESIGNATED BASE TEMPERATURE
FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE
DEGREES, THAT DAY IS SAID TO HAVE [illegible]

*** DEGREE DAYS UNAVAILABLE HAS BEEN [illegible]
"BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY)
COOLING IS REQUIRED. IF A BASE [illegible]
TABLES, IT HAS SPECIALLY [illegible]

...DAY SUMMARIES

...ATIONS (MAY BE MISSING), THESE TABLES GIVE ...
...FOR EACH MONTH IN CALENDAR OF THE AVAILABLE PERIOD OF RECORD.

...MARY AND STATISTICS BASED ON A 30-YEAR (1951-1980)
... 30-YEAR DSI PROVIDES ALL USERS WITH A SUMMARY
...STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE
...DATA CENTER (NCDC). NOTE THAT THE 30-YEAR DSI WILL
... NO DATA FOR ...ORTIES 1930 HAS BEEN PROCESSED.

...DATA AND MONTHS WITH A VALUE OF 0 WILL APPEAR AS BLANKS
...EARS (****) OR NOT BE INCLUDED WITH WITH A DAY (3- DAYS) THAT
...LL 0 F.) AUTOMATICALLY.

...M" IS ASSIGNED TO REPRESENT EACH 0 DAY THAT THE
...ERAGE DIURNAL A MEAN TEMPERATURE OF 65 DEGREES*
..., IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 67 DEGREES,
...HEATING DEGREE DAY.

...M" IS ASSIGNED TO REPRESENT EACH 0 DAY THAT THE
...DIURNAL A MEAN TEMPERATURE OF 65 DEGREES*
..., IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73
...TO BASE 65 DEGREES.

...ELSEWHERE IN THE CLIMATOLOGICAL STATISTICS
...MUCH (IF NOT ALL THE ARTICULLY) OF HEATING OR
...WINTER, AND TEMPERATURE IS USED IN THESE
...MONTHS BY THE STATION, AND IS NOTED.

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
BASE TEMPERATURE

STATION NUMBER: 725066 STATION NAME: BEAST AFB MT
LST TO UTC: + 9

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1956					375	77		
1957	1432	947	850	527	250	41		
1958	1140	1207	951	544	352	124	14	
1959	1243	1172	947	565	199	131	1	
1960	1187	952	1059		334	47		
1961	1413	1052	994	563	364			
1962	1272	1219	943	562	359			
1963	1174	1330	804		291	71		
1964	1330	1177	978		1			
1965	1267	1112	937	546	217			
1966			914	725	404			
1967			1003					
1968			862					
1969			1012					
1970			877					
1971	1411	1041	934		359			
1972								
1973								
1974								
1975								
1976	1342	991	860	465	271			
1977								
1978								
1979								
1980								

HEATING DEGREE DAYS
FOR NEARBY U.S. AIRPORTS

AVERAGE TEMPERATURE OF

PERIOD OF RECORD: MAY 54 - JUN 79

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
[illegible]	77	[illegible]	[illegible]	243	413	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	132	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	124	14	[illegible]	121	447	577	1307	[illegible]
143	131	1	22	113	414	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	17	143	447	[illegible]	1[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	47	25	74	[illegible]	737	1111	[illegible]
[illegible]	[illegible]	[illegible]	29	172	[illegible]	771	1154	[illegible]
191	71	17	34	224	547	634	1217	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	143	[illegible]	[illegible]	1[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	27	236	[illegible]	[illegible]	1[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	13	183	[illegible]	742	1[illegible]	[illegible]
[illegible]	124	7	[illegible]	115	351	21[illegible]	1217	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	177	[illegible]	[illegible]	1[illegible]	[illegible]
[illegible]	79	[illegible]	1	113	[illegible]	[illegible]	1[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	10	[illegible]	[illegible]	771	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	10	7[illegible]	[illegible]	[illegible]	11[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	7	14	172	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	121	[illegible]	[illegible]	147	[illegible]	[illegible]	11[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	4[illegible]	11	30	151	[illegible]	[illegible]	1[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	15	172	[illegible]	[illegible]	11[illegible]	[illegible]
[illegible]	31	11	1[illegible]	157	[illegible]	[illegible]	1[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	142	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1[illegible]	147	[illegible]	[illegible]	12[illegible]	[illegible]

1981	1451	[illegible]	[illegible]	[illegible]	[illegible]	19		[illegible]	[illegible]
1982	[illegible]	1257	930	547	232	127	1	[illegible]	[illegible]
1983	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2		17	[illegible]
1984	1273	915	1057	603	301	71	11	3	[illegible]
1985	[illegible]	871	[illegible]	573	[illegible]	41	[illegible]	[illegible]	[illegible]
1986	1151	1134	831	691	332	102	11	32	[illegible]
1987	1213	1131	913	549	355	74	[illegible]	33	[illegible]
1988	1235	1044	863	562	263	96	14	21	[illegible]
1989	1332	1407	957	601	199	77	[illegible]	[illegible]	[illegible]
MEAN	[illegible]	1036	914	579	293	79	[illegible]	23	[illegible]
SD	124.51	163.47	73.75	54.65	68.58	38.11	3.42	14.28	[illegible]

[illegible]	15	[illegible]	24	132	[illegible]	7[illegible]	[illegible]	5822
[illegible]	137	12	46	11[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	17	106	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	72	11	3	[illegible]	[illegible]	712	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	142	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

STATION NUMBER: 723056 STATION NAME: BEAST AFB, SD
LST TO UTC: + 6

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1956					11	127	14	1
1957				9	21	13	1	3
1958					11	91	171	179
1959					7	1	31	33
1960					1	11	17	14
1961					12	7	15	13
1962					24	21		14
1963					4	1	23	
1964					1	11		7
1965					12	11	1	1
1966					5	11	14	23
1967						12	17	13
1968						21	1	1
1969						21	13	4
1970					1	1	21	17
1971					1	14	14	1
1972					13	64	247	11
1973					1	14	1	1
1974			11		13	1	13	1
1975					1	17	1	1
1976				22	12	14	1	13
1977				4	53	33	21	201
1978					7	1	1	1
1979					14	39	21	14
1980					7	23	21	1

A

CLIMATIC [illegible]

STATION NAME: [illegible]
LATITUDE/LONGITUDE: [illegible]
[illegible]
SUMMARY OF DAY [illegible]
[illegible]
[illegible]

MONTH	JAN	FEB	[illegible]	[illegible]	[illegible]	[illegible]	JUL
EXTR[illegible] MAX T[illegible] (F)	51	66	79	91	[illegible]	[illegible]	[illegible]
[illegible] (F)	31.[illegible]	33.[illegible]	42.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] (F)	24.1	25.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] (F)	15.1	16.[illegible]	27.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
EXTR[illegible] MIN TEMP (F)	-15	-3	0	17	29	43	47
D/W TEMP [illegible] (F)	0	2	[illegible]	[illegible]	1	1	[illegible]
D/W T[illegible] [illegible] (-)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
D/W T[illegible] [illegible] (F)	2/	2/	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
D/W T[illegible] (F)	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	12[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]
[illegible] (F)	11.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] (F)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] (F)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] (F)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] (F)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] (I[illegible])	[illegible]	4.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MAX [illegible] (I[illegible])	12.[illegible]	[illegible]	[illegible]	11.11	[illegible]	[illegible]	[illegible]
[illegible] (I[illegible])	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] (I[illegible])	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MAX 24HR SNFL (IN)	17.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MAX S.FL (IN)	43.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN SNFL (IN)	17.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MAX DLY S[illegible] (IN)	30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN SFC WND DIR (DES)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN WND SPD (KTS)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MAX WND SPD (KTS)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SKY COVER ST 1/2 (%)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
D/W THUNDERSTORMS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
D/W FOG (VSBY LT 7 MI)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

LEGEND: ANN = ANNUAL [illegible]
D/W = MEAN NUMBER OF DAYS WITH [illegible]
S = BASED ON LESS THAN FULL MONTHS [illegible]
** = INSTANTANEOUS PEAK WINDS [illegible]
/ = DATA NOT AVAILABLE [illegible]

A

	MAY	JUN	JUL	AUG	SEP	OCT