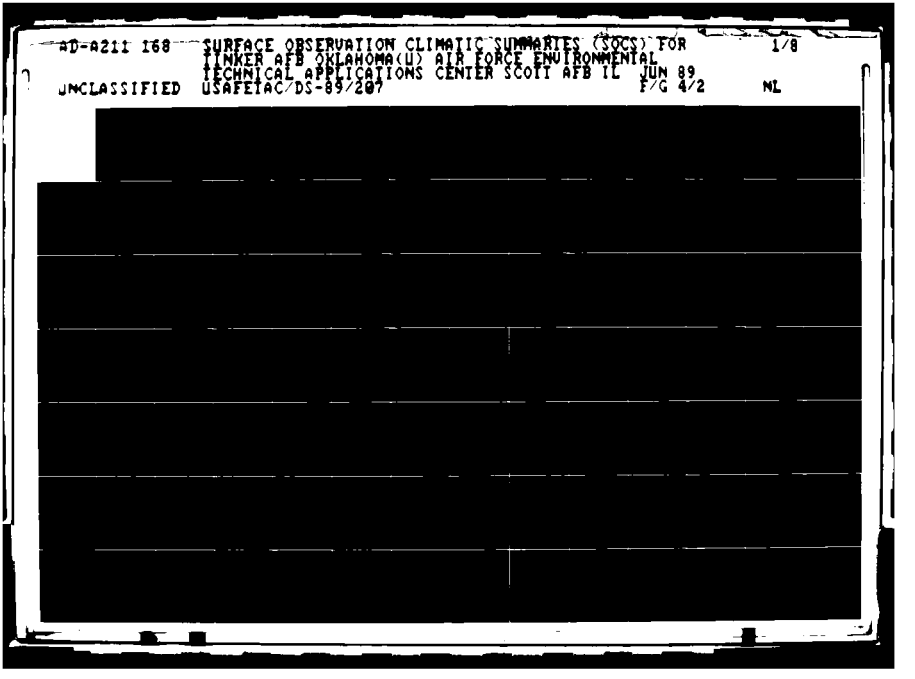
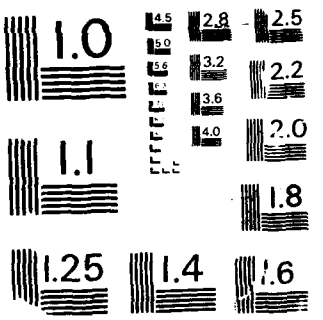

AD-A211 168
SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR TINKER AFB OKLAHOMA(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT AFB IL JUN 89
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UNCLASSIFIED
USAFETAC/DS-89/207
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22c. OFFICE SYMBOL: CA

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[illegible] REPORT NUMBER: USAFETAC/TS-87/007

[illegible] STATION: OPERATING LOCATION A, USAFETAC

[illegible], ASHEVILLE, NC [illegible]-2723

[illegible] CLIMATIC SUMMARIES (SCDS) FOR TIMES AFB, IA

[illegible]MARY

[illegible] TECHNICAL REPORT

[illegible] PG. PAGE COUNT: 375

[illegible]: EFFECTIVE 1 JULY 1987, THIS PRODUCT REPLACES TWO USAFETAC
[illegible] REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS
[illegible] OBSERVATIONS CLIMATIC SUMMARY (USOCS). EXISTING
[illegible] IN USE, BUT WILL EVENTUALLY BE REPLACED BY A SCDS.

[illegible], CLIMATOLOGY--OZ

[illegible]LOGY, METEOROLOGICAL DATA, ATMOSPHERIC PHENOMENA,
[illegible], SURFACE DATA, HUMIDITY, [illegible]SSURE, PRECIPITATION,
[illegible]Y, WIND, SCDS, *TIMES AFB, IA.

[illegible] STATION CLIMATIC SUMMARIES (SCDS) PROVIDE STATISTICAL
[illegible] OF WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED
[illegible] OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FOR
[illegible]). A SUMMARY OF DAYS (SOD) INFORMATION IS SUMMARIZED
[illegible] TL-A CLIMATIC DATABASE.

[illegible] OF ABSTRACT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION

[illegible]IFICATION: UNCLASSIFIED

[illegible]IDUAL: WILLIAM P. BOSS

[illegible] AUTOVON 697-3354 22C. OFFICE SYMBOL: TL-A/CA, USAFETAC

[illegible]

[illegible]CTIVE 1 JULY 1988, THE SURFACE O[illegible]VATI[illegible] CLI[illegible]ATI[illegible] [illegible]
[illegible]PLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: [illegible] [illegible]NIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) [illegible] [illegible]ERVATION CLIMATIC SUMMARY). [illegible] [illegible] TINUE TO BE USED UNTIL THEY ARE EVENTUALLY [illegible].

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS [illegible] [illegible] [illegible] INTRODUCED IN THE EARLY 1940'S AS THE "[illegible]," [illegible] ORIGINAL "USSW," OR "UNIFORM SUMMARY OF SURFACE [illegible] [illegible] IN 19[illegible]. THE USSWO GRADUALLY [illegible] [illegible] [illegible]LLY [illegible] THE NEW "SURFACE OBSERVATION CLIMATIC [illegible] [illegible] 19[illegible].

[illegible] (LIKE ITS PREDECESSORS) IS PREPARED BY [illegible] [illegible] ASHEVILLE, NC 28801-[illegible]. [illegible], CLIMATOLOGISTS [illegible] [illegible] TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS [illegible] [illegible], CIVILIAN, AND FOREIGN REPORTING STATIONS. [illegible] [illegible] COLLECTED, QUALITY-CONTROLLED, [illegible] [illegible] WEATHER OBSERVATION DATABASE.

[illegible] PREVIOUS VERSIONS OF THIS PRODUCT [illegible] [illegible] (A-[illegible]). THE ADDITIONS [illegible] [illegible] [illegible] IS A [illegible] [illegible] DATA, AND AN EXPLANATION [illegible]

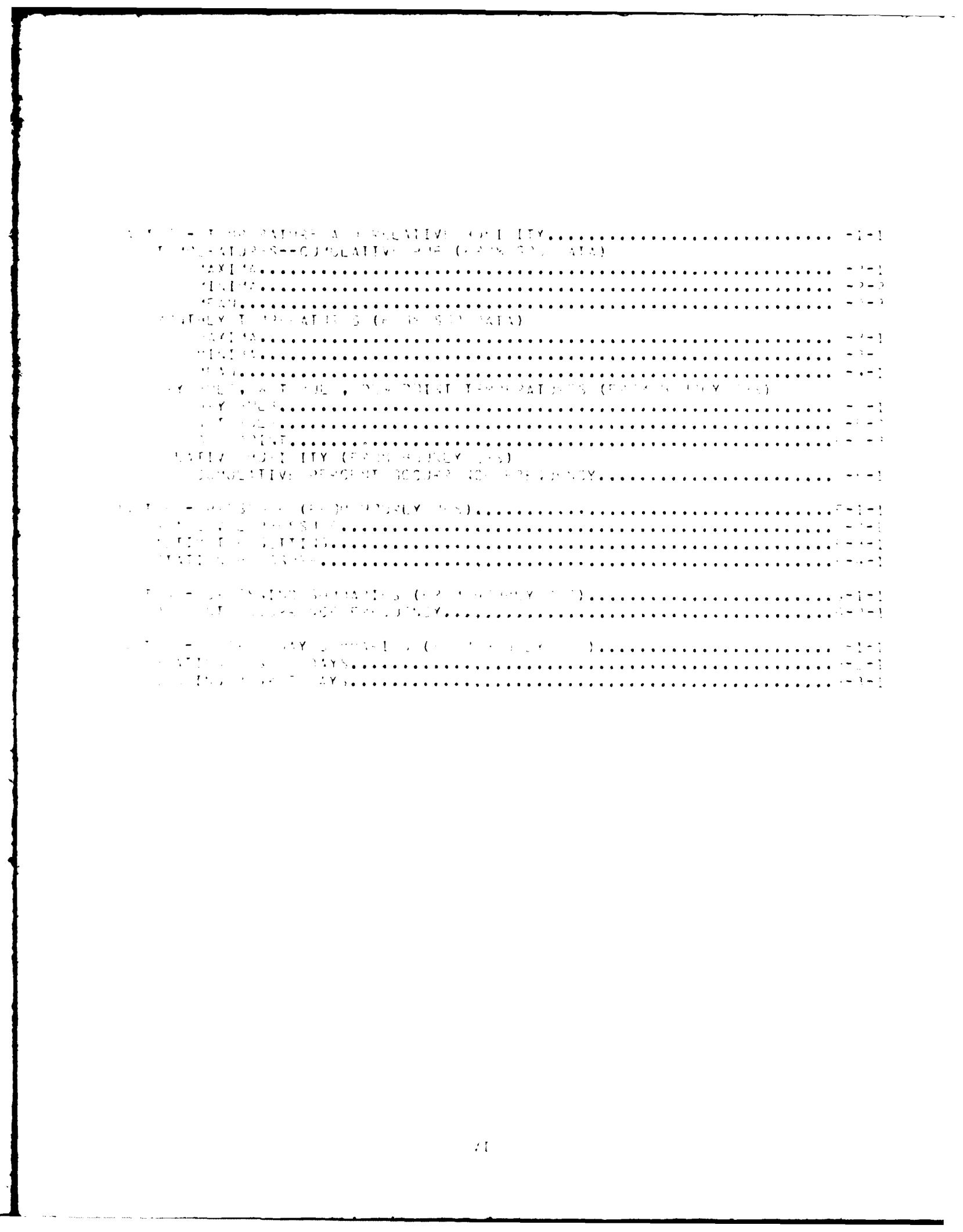
PREFACE

[illegible], THE SURFACE OBSERVATION CLIMATIC SUMMARY (SOCS)
[illegible] USAFETAC PRODUCTS OF LONG STANDING: THE "USSWO" (REVISED
[illegible] SURFACE WEATHER OBSERVATIONS) AND LISOS (LIMITED SURFACE
[illegible] SUMMARY). USSWOS AND LISOS [illegible] IN EXISTENCE WILL CON-
[illegible] UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

[illegible] ISSUED IN THEIR EARLY FORMS UNDER SEVERAL DIFFERENT NAMES. IT
[illegible] THE EARLY 1940'S AS THE "SFOSUM," OR "SURFACE SUMMARY." THE
[illegible]," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," UNTIL
[illegible] GRADUALLY EVOLVED INTO THE "USSWO" AND THE "LISOS." IT
[illegible] "SURFACE OBSERVATION CLIMATIC SUMMARY" OR "SOCS" IN

[illegible] PROCESSING) IS BE PERFORMED BY USAFETAC'S OPERATING LOCATION
[illegible] 21-101-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COM-
[illegible] TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MIL-
[illegible] AND NATION REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA
[illegible] EDITED, QUALITY-CONTROLLED, AND STORED IN A WORLDWIDE SUR-
FACE OBSERVATION DATABASE.

VERSIONS OF THIS PRODUCT ONLY DIFFER IN SIX PARTS, SOCS PROVIDES
ADDITIONS AND [illegible] SUMMARIES, HEATING-DEGREE DAY SUMMARIES,
[illegible] IS A BRIEF DISCUSSION OF EACH PARTICULAR PART, A DESCRIPTION
[illegible] EXPLANATION OF HOW THE DATA IS PRESENTED.



INTRODUCTION [partly illegible]

[illegible] RECORD.

[illegible]VATIONS: [illegible] 73 - [illegible] (ALL DAYS).

[illegible] DAY DATA: JAN 43 - [illegible] (FULL TIME).

[illegible]: [illegible] LST THROUGH 23[illegible] LST.

. [illegible] SUMMARIES [illegible] COMPILED [illegible] "HOURLY OBSERVATIONS" [illegible] DAY DATA," [illegible] "[illegible] PLAINS."

[illegible]:

[illegible]TION: A BIVARIATE DISTRIBUTION [illegible] THE JOINT DIS- [illegible] OF TWO RELATED VARIABLES. [illegible] BIVARIATE DIS- [illegible] CEILING AND VISIBILITIES [illegible] AND [illegible] BIVARIATE DISTRIBUTION IS A [illegible] DISTRIBUTION. JOINT [illegible] AT THE [illegible] INTERSECTIONS.

[illegible]VATIONS: ALL [illegible] OBSERVATIONS [illegible] (OR EQUIVALENT) AT [illegible] BY THE [illegible].

[illegible] DAY (S[illegible]) DATA: DATA COMPILED [illegible] ALL AVAILABLE OBSERVATIONS, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND "[illegible] OF DAY" DATA [illegible]-73 [illegible] 10/1[illegible] [illegible]) [illegible] ANY GIVEN DAY.

[illegible] ALL THE VALUES [illegible] VALUES.

[illegible]: ANY PRECIPITATION [illegible] THAN [illegible]

.

[illegible] VALUE WHEN THE VALUES [illegible] ASCENDING [illegible]. IF THE [illegible] VALUES IS EVEN, THE MEDIAN IS HALFWAY [illegible] THE TWO MIDDLE

.

[illegible] FREQUENCY ([illegible]): IN STATISTICS, FREQUENCY IS THE NUM- [illegible] A GIVEN EVENT [illegible]. IN [illegible], THIS IS EXPRESSED [illegible] OCCURRENCE FREQUENCY ([illegible]), [illegible] FREQUENCY (NUMBER OF [illegible]) IS GIVEN AS A [illegible] OF ALL POSSIBLE OCCURRENCES IN THE [illegible] SUMMARIZED). [illegible] EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS [illegible] EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT [illegible] 100-DAY PERIOD. MAY [illegible] INTERCHANGEABLY WITH "PERCENT FREQUENCY [illegible]."

[illegible]: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES [illegible] EQUIVALENT.

STANDARD DEVIATION: A MEASURE [illegible] QUANTITY CONCERNED ABOUT ITS [illegible]. [illegible] DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES [illegible] (LST). USERS SHOULD MAKE ADJUSTMENTS [illegible] IN SUMMARIES THAT SHOW [illegible] FOLLOWING STANDARD 3-HOUR [illegible] (ALL LST):

0000-0200	[illegible]-1400
0300-0500	[illegible]-17[illegible]
0600-0800	[illegible]
0900-1100	[illegible]

[illegible]VIATIONS USED:

[illegible]	[illegible]	[illegible]
[illegible]	ANNUAL	
[illegible]	[illegible]	[illegible]
[illegible]	[illegible] (CELSIUS)	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	DRY BULB TEMPERATURE	[illegible]
[illegible]	[illegible] POINT TEMPERATURE	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]
[illegible]	GREATER THAN OR EQUAL TO	[illegible]
[illegible]	GREENWICH MEAN TIME	[illegible]
[illegible]	GREATER THAN	[illegible]
[illegible]	INCHES OF [illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	LESS THAN OR EQUAL TO	[illegible]
LST	LOCAL STANDARD TIME	[illegible]
		UTC [illegible]

[illegible] DESCRIPTION: A BRIEF DESCRIPTION [illegible]

* UTC REPLACED GMT ON 1 AUGUST 19[illegible]

: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER
T.

/IATION: A MEASURE OF DISPERSION OR THE VARIABILITY OF THE
DISCLOSED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD
, THE GREATER THE VARIABILITY.

TIMES: ALL TIMES IN THE SODS ARE EXPRESSED IN LOCAL STANDARD TIME
USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS.
S THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE
STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

:

	LT LESS THAN
	MEAN
	MILLIBARS
	OBSERVATIONS PER DAY
	MEAN SEA LEVEL
	NOT AVAILABLE
	NUMBER
	OBSERVATION
	OBSTRUCTION
	PERCENT OCCURRENCE FREQUENCY
	PRECIPITATION
	STANDARD DEVIATION
	SUMMARY OF DAY
	TEMPERATURE
	TRANSMISSION
	VISIBILITY
	VISION
	WET BULB TEMPERATURE
	WMO FORM 10/10A
	COORDINATED UNIVERSAL TIME

: A BRIEF DESCRIPTION OF THE DATA PACKAGES EACH PART IN THE SODS.

IN 1 AUGUST 1968

STATION NO. IN SUMMARY	STATION NAME	LATITUDE	LONGITUDE	EL
723540	TINKER AFB/OKLAHOMA CITY, OK	[illegible]	[illegible]	[illegible]

STATION LOCATIONS AND INSTRUMENTATION HISTORY

NUMBER IN LOG	STATION GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION FROM	TO	LATITUDE
1	TINKER FIELD AAF, OK	AAF	DEC 42	MAY 43	[illegible]
2	TINKER AFB, OK	AFB	JUN 43	AUG 43	SAME
3	SAME	SAME	SEP 43	FEB 51	SAME
4	SAME	SAME	MAR 51	MAY 53	[illegible]
5	SAME	SAME	JUN 53	FEB 54	SAME
6	SAME	SAME	MAR 54	JAN 55	SAME
7	SAME	SAME	FEB 55	DEC 56	SAME
	SAME	SAME	MAR 57	FEB 61	SAME
8	SAME	SAME	MAR 61	OCT 63	SAME
10	SAME	SAME	OCT 63	[illegible]	[illegible]

NUMBER OF LOG	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION LOCATION	TYPE OF TRANSMITTER	TYPE OF [illegible]	[illegible]
1	DEC 42	NOT AVAILABLE	SELSYN	ML-144	[illegible]
2	DEC 53	ATOP HANGAR OVER W/A STN	SAME	SAME	[illegible]
3	MAY 54	2000'± OF N-S RWY,1 MI S STN	AN/GMQ-11	[illegible]	[illegible]
4	MAY 62	1100'± N-S RWY,3/4 MI OF STN	SAME	SAME	[illegible]
5	MAR 63	1,1250'S,750'E OF CTRLN	AN/GMQ-11	SAME	[illegible]
		2,750'N,1127'W OF CTRLN	SAME		[illegible]
6	JAN 73	1,1200'S OF END RWY 17	AN/GMQ-20	[illegible]	[illegible]
		2,750'N OF END RWY 35	SAME		[illegible]
7	JUL 74	1,1200'S OF END RWY 17	SAME	[illegible]	[illegible]
		2,1200'W OF END RWY 35	SAME		[illegible]
8	JAN 81	SAME	SAME	SAME	[illegible]

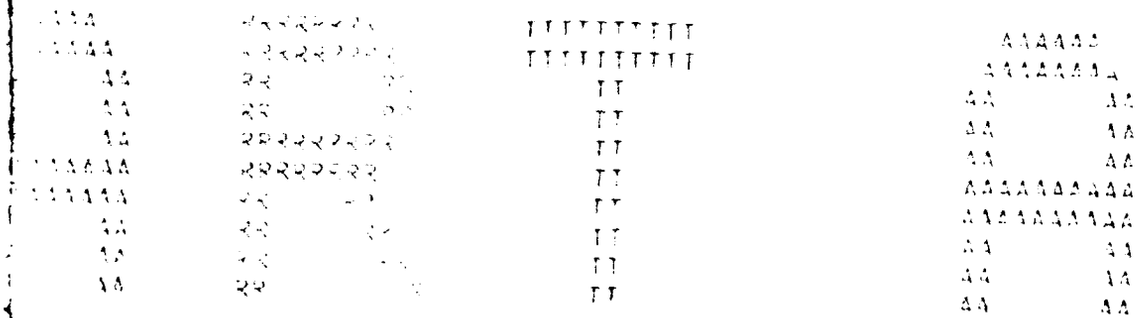
	LATITUDE	LONGITUDE	FLD ELEV (FT)	CALL SIGN	AMD NMBR
ITY, OK	N 35 25	W 097 23	1291	TIK	72354

ATION LOCATION AND INSTRUMENTATION HISTORY

TYPE OF STATION	AT THIS LOCATION FROM	TO	LATITUDE	LONGITUDE	ELEV ABOVE MSL FLD (FT)	RWY (FT)	OBS PER DAY
AAF	DEC 42	MAY 44	N 35 25	W 097 23	1257	1260	24
AFB	JUN 44	AUG 47	SAME	SAME	SAME	SAME	24
SAME	SEP 49	FEB 50	SAME	SAME	SAME	1256	24
SAME	MAR 50	MAY 53	N 35 25	SAME	SAME	1234	24
SAME	JUN 53	FEB 55	SAME	SAME	1262	1261	24
SAME	MAR 55	JAN 56	SAME	SAME	SAME	1262	24
SAME	FEB 56	FEB 59	SAME	SAME	1291	SAME	24
SAME	MAR 59	FEB 61	SAME	SAME	SAME	1260	24
SAME	MAR 61	OCT 63	SAME	SAME	SAME	1363	24
SAME	OCT 63	[illegible]	SAME	SAME	SAME	1260	24

UIPMENT INFORMATION

	TYPE OF TRANSMITTER	TYPE OF RECEIVER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
	SELSYN	ML-144	N/A	
STN	SAME	SAME	95 FT	
S STN	AN/GRC-11	RD-2	13 FT	
F STN	SAME	SAME	SAME	
LN	AN/GMD-11	SAME	SAME	
LN	SAME		SAME	
17	AN/GMD-20	RD-362	SAME	
	SAME		SAME	
17	SAME	SAME	15 FT	
	SAME		25 FT	
	SAME	SAME	SAME	



PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA THAT

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING

FREEZING PRECIPITATION: FREEZING RAIN OR

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET,

PELLETS. IN JANUARY 1984, SNOW PELLETS

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS

NOT THAT ONE TYPE OF PRECIPITATION MAY BE LISTED IN THE

THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY

IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG,

BLOWING SAND/OR HAZE: SMOKE, HAZE,

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW,

DUST BLOWING SAND: DUST, SAND, BLOWING DUST,

BLOWING SPRAY: THE WALL OBSTRUCTIONS TO VISION CAUSED BY

SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL

TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE

REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES

CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE BY HOUR.

THESE TABLES GIVE THE PERCENT OCCURRENCE HOURLY (LST)

SPECIFIED. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY,

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).

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

S SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

LL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

ZING: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

ZZLING: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

OWING: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE
JANY 1966, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

NCES OF HAIL.

: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE
OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION,
NGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES
.

L PELLETS, ICE RAIN, AND FREEZING RAIN.

: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

L REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WERE REPORTED.

: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR IN BLOWING
REPORTED.

TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS
THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE
SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL
EED THE PERCENTAGES IN THIS CATEGORY.

--PERCENT OCCURRENCE FREQUENCY.
THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA
WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS

-LOCAL STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

LL YEARS AND ALL HOURS COMBINED).

L YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (PCF).
THIS TABLE IS THE ONLY ONE IN PART A THAT IS
DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL

TEMPERATURES--PERCENT OCCURRENCE FREQUENCY.
THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY
THE HOURLY OBSERVATION. DATA IS SUMMARIZED

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE
THESE TABLES INCLUDE SUMMARY OF MONTH
DIRECTION CATEGORIES ARE AS SPECIFIED BY THE USING

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME.
RECORD (ON SAO FORMS 10/10A) AND TRANSMIT ONLINE
SPECIFIC PHENOMENA THAT AFFECTS VISIBILITY.
JANUARY 1965, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT
STATIONS STARTED RECORDING ALL ATMOSPHERIC
CUTTING TO TRANSMIT ONLY THE HIGHEST
PRIORITY INCLUDED RAIN, FOG AND HAZE, ONLY IF
THESE PHENOMENA, THE USAFETAC DATABASE WOULD
THEREFORE, THE INSTRUCTION TO VISUALLY
SUMMARIZE FOR METAR AND SYNOPTIC STATIONS

NOTE 2: FOR NON-METAR REPORTING STATIONS
VISIBILITIES RECORDED 1965 TO

NOTE 3: A VALUE OF "M" IN ANY SUMMARY
USE DATA, AMOUNT TO LESS THAN

...NOMENA--PERCENT OCCURRENCE FREQUENCY (POF).
...IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY
...TA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

...--PERCENT OCCURRENCE FREQUENCY.
...GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED IN
...OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

...NOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.
...S INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND
...CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

...TED PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS
...AND FORMS 10/10A) AND TRANSMIT ENCODING ONLY THE HIGHEST ORDER ATMOS-
...NOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN
...60s, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR
...STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT
...TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBS-
...ERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF
...THESE, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION.
...THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION)
...OF METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

...SOME METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO
...VISIBILITIES EXCEED 1000 METERS.

...USE OF "0.0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN
...AMOUNT TO LESS THAN .05 PERCENT.

OPERATIONAL LOCATION "B"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND SPEED VERSUS WIND DIRECTION
FOR MONTHLY DATA

STATION NUMBER: 72306

STATION NAME: TIKRIT AFLD, IR

LST DIFFERENTIAL: + 6

WINDS (LST)	CALMS	LIGHT AIR	BREEZE	FRESH BREEZE	HAIL	ALL	[illegible]	[illegible]	[illegible]
03-12	.4	4.4	.7	4.1		9.6	13.7		
13-15	.7	5.4	1.5	4.3		11.9	14.4		
16-18	.7	4.4	1.4	3.5		9.4	1 .4	.7	
19-11		4.	1.3	4.3		1 .1	1 .7	1.	
12-14	.4	3.7	.7	4.2		9.7	12.2	1.4	
15-17		5.7	.7	5.1		7.1	1 .4	1.	
18-20	.3	.7	.7	4.7		9.1	11.4	.7	
21-23	.1	4.	1.3	5.		7.7	11.4		
ALL WINDS	.3	3.7	1.	4.1		9.	1 .7	.7	

03-12	.4	5.7	.4	5.3		12.7	1 .4		
13-15	.5	4.7	1.1	5.1		11.4	14.1		
16-18	.1	3.7	.7	4.5		14.4	1 .7	.7	
19-11	.7	1 .1	.4	4.6		13.7	17.3	2.1	
12-14	.4	4.1	.5	4.8		14.5	14.4	1.4	
15-17	.1	4.1	.5	5.3		15.4	14.7	.7	
18-20	.7	4.7	.5	4.6		13.4	15.1	.7	
21-23	.7	7.1	.7	5.6		13.4	1 .1	.4	
ALL WINDS	.4	4.5	.7	4.9		14.1	15.7	.	

[illegible] FREQUENCY OF [illegible] WITH VARIOUS ATMOSPHERIC PHENOMENA
[illegible] MONTHLY [illegible] VARIATIONS

[illegible] PERIOD OF RECORD: MAY 73 - FEB [illegible]
MONTH: JAN

HAIL	ALL [illegible]	[illegible]	[illegible]	[illegible]	DUST [illegible]	ALL [illegible]	TOTAL NO. OF [illegible]
	[illegible]	13.[illegible]		[illegible]		22.7	330
	11.[illegible]	14.[illegible]		1.[illegible]		27.[illegible]	922
	[illegible]	1.[illegible]	.[illegible]	1.1		[illegible]	[illegible]
	1[illegible].1	1.[illegible]	1.	.[illegible]		3[illegible].[illegible]	933
	[illegible].[illegible]	1[illegible].[illegible]	1.[illegible]	.[illegible]		22.3	93[illegible]
	[illegible].1	1[illegible].[illegible]	1.	.[illegible]	.[illegible]	1[illegible].7	[illegible]
	[illegible].1	11.[illegible]	.[illegible]	.[illegible]	.[illegible]	21.1	93[illegible]
	[illegible].7	11.[illegible]		.[illegible]		[illegible].	[illegible]
	[illegible].	13.[illegible]	.7	.	.1	[illegible].	744[illegible]
			[illegible]	[illegible]			
	12.7	[illegible]0.5		.1	.[illegible]	3[illegible].7	[illegible]4[illegible]
	13.[illegible]	[illegible]6.1			.1	3[illegible].[illegible]	[illegible]4[illegible]
	14.[illegible]	[illegible].	.7	.1		4[illegible].1	[illegible]4[illegible]
	15.7	[illegible]7.[illegible]	[illegible].1	.[illegible]	.1	4[illegible].[illegible]	849
	14.5	1[illegible].[illegible]	1.[illegible]	.[illegible]		36.4	849
	15.[illegible]	14.[illegible]	.[illegible]	.[illegible]		31.1	[illegible]4[illegible]
	13.4	15.1	.[illegible]	.[illegible]	.4	29.7	845
	13.4	15.[illegible]	.4	.1	.4	29.[illegible]	[illegible]45
	14.[illegible]	[illegible].7	.[illegible]	.[illegible]	.[illegible]	35.1	5735

[illegible] - [illegible] - 1

OPERATIONAL CLIMATIC DATA — PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS

STATION NUMBER: [illegible] STATION NAME: [illegible] PERIOD OF RECORD: [illegible]
EST TIME: + 5

HOURS (EST)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1.[illegible]	.[illegible]		.4		[illegible]	13.[illegible]	.[illegible]	.[illegible]	
[illegible]	1.[illegible]	1.[illegible]		1.[illegible]		11.[illegible]	1.[illegible]	.[illegible]	.	
[illegible]	1.[illegible]	.		1.7		10.[illegible]	13.7	1.1	.	
[illegible]	.[illegible]	.		1.5		12.[illegible]	1.[illegible]	1.[illegible]	.	
[illegible]	.[illegible]	.[illegible]		.[illegible]		[illegible].[illegible]	.[illegible]	1.[illegible]	.[illegible]	
[illegible]	.	.[illegible]		1.[illegible]		13.[illegible]	.7	.[illegible]	.[illegible]	
[illegible]	1.[illegible]	.		1.[illegible]		16.[illegible]	.[illegible]	.		
[illegible]	[illegible].6	.[illegible]		.[illegible]		[illegible].6	.[illegible]	.		
ALL [illegible]	1.[illegible]	.[illegible]		1.[illegible]		13.[illegible]	13.[illegible]	.[illegible]	.	

[illegible]										
[illegible]	1.[illegible]	7.7				7.7	7.[illegible]	.1		
[illegible]	1.[illegible]	.[illegible]				[illegible].[illegible]	13.[illegible]			
[illegible]	.[illegible]	[illegible].[illegible]				7.[illegible]	13.[illegible]	.4		
[illegible]	1.[illegible]	7.[illegible]				7.4	[illegible].2	.		
[illegible]	1.7	[illegible].[illegible]				[illegible].[illegible]	[illegible].[illegible]	1.[illegible]		
[illegible]	1.[illegible]	[illegible].[illegible]				[illegible].1	[illegible].[illegible]	.		
[illegible]	.[illegible]	.				[illegible].[illegible]	[illegible].[illegible]	1.1		
[illegible]	1.[illegible]	[illegible].1				[illegible].1	[illegible].2	.7		
ALL [illegible]	1.[illegible]	[illegible].4				[illegible].[illegible]	[illegible].[illegible]	.[illegible]		

[illegible] - [illegible] -

FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
[ALL HOURLY OBS VARIABLE]

STA [illegible] PERIOD OF RECORD: MAR 70 - DEC 79
MONTH: MAR

[illegible]	[illegible]	SAND/DUST	[illegible]	DUST/SAND	ALL DUST [illegible]	TOTAL NO. OF OBS
[illegible]	13.8	.3	.1		13.[illegible]	930
11.[illegible]	1[illegible]	.2	.3		[illegible]	930
[illegible]	13.7	1.1	.3		31.[illegible]	930
1[illegible]	1[illegible]	1.[illegible]	.3		27.7	930
[illegible]	[illegible]	1.[illegible]	.3		14.[illegible]	930
1[illegible]	[illegible]	.3	.1	.1	[illegible]	93[illegible]
1[illegible]	1[illegible]	.			21.7	930
[illegible]	[illegible]	.		.1	1[illegible]	93[illegible]
1[illegible]	12.5	.[illegible]	.2	.[illegible]	23.5	7443

MONTH: [illegible]

7.7	7.[illegible]	.1		.7	15.2	900
[illegible]	1[illegible]			.1	17.[illegible]	900
7.[illegible]	1[illegible]	.4			[illegible]	900
7.4	[illegible]	.[illegible]		.1	15.[illegible]	900
[illegible]	[illegible]	1.0		.5	11.1	900
[illegible]	[illegible]	.[illegible]		.7	[illegible]	900
[illegible]	[illegible]	1.1		.[illegible]	10.4	900
[illegible]	4.2	.7		.[illegible]	10.[illegible]	900
[illegible]	[illegible]	.[illegible]		.5	14.[illegible]	7200

OPERATING LOCATION MAP
USAFTAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ST
FROM HOURLY OBSERVATIONS

STATION NO: [illegible] STATION NAME: TIMMINS AP, ONT
LST TO UTC: + 5

HOURS (LST)	TOTAL	LIGHT PRECIP	FREEZ PRECIP	FREEZN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE OR HAZE	THUNDER STORM
00-01	4.3	1.2				10.2	11.4	.	
01-02	3.5	.9				9.4	12.4	.2	
02-03	2.	2.7				7.7	11.7	.	
03-11	1.3	.7				7.4	7.	1.7	
12-14	1.3	.4				5.4	4.3	.7	
15-17	1.1	.1				5.1	5.7	.	
18-20	4.4	.4			.1	5.7	2.4	1.3	
21-23	4.3	2.				7.4	9.3	1.3	
ALL HOURS	3.1	1.3			.1	7.3	.	1.1	

HOURS (LST)	TOTAL	LIGHT PRECIP	FREEZ PRECIP	FREEZN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE OR HAZE	THUNDER STORM
00-02	4.3	.1				5.1	4.5	.7	
03-05	4.4	3.4				7.4	13.3	.4	
06-08	3.3	4.1				5.1	15.5	.	
09-11	.7	3.4				3.4	3.0	1.7	
12-14	1.7	4.7				4.7	2.3	1.4	
15-17	3.1	4.1				5.1	1.4	.7	
18-20	4.1	7.3				7.3	1.7	.7	
21-23	3.3	7.4				7.4	2.0	.	
ALL HOURS	2.4	4.1				6.1	4.5	.3	

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

... AFB, M PERIOD OF RECORD: MAR 73 - FEB 83
MONTH: MAY

ALL	ALL PRECIP	FOG	SMOKE H/OR HAZE	BLOWING SNOW	DUST S/OR SAND	ALL DUST TSTMS	TOTAL NO. OF OBS
	10.2	11.4	.5			22.2	930
	7.4	18.5	.9			25.8	930
	7.7	15.7	2.0			24.5	930
	7.6	7.5	1.7		.1	17.1	930
	5.4	4.5	.5			10.4	930
	5.1	3.7	.5		.1	9.4	930
.1	6.3	3.4	1.3			11.0	93[illegible]
	7.4	5.5	1.3			14.1	930
.	7.3	7.6	1.1		.1	17.2	7443

MONTH: JUN

	5.1	4.6	.7			13.3	900
	7.4	10.3	.6			18.3	900
	5.3	10.5	.3			17.3	900
	3.3	3.0	1.7			8.0	900
	4.7	2.2	1.8			8.7	900
	5.1	1.6	.6			7.2	900
	7.0	1.7	.8			9.4	900
	7.4	2.0	.9		.1	10.3	900
	5.1	4.5	.9		.0	11.6	7200

OPERATING LOCATION NAME: [illegible] PERCENTAGE FREQUENCY OF [illegible] WITH VARIOUS AT
USAFETAC, ASHEVILLE NC FROM SUPPLY AS STATIONS

STATION NUMBER: 723160 STATION NAME: TINKER AFB OK PERIOD [illegible]
LST TO UTC: + 6 MONTH: J

HOURS (LST)	TSTMS	[illegible]	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE HZ [illegible]	BLOWING SNOW
00-02	.9	1.[illegible]				1.[illegible]	2.2	4.3	
03-[illegible]	.9	[illegible].7				2.7	3.5	3.8	
[illegible]-[illegible]	1.3	[illegible].3				3.3	[illegible].1	[illegible].1	
09-11	.3	[illegible].[illegible]				2.[illegible]	.[illegible]	4.[illegible]	
12-14	.3	1.[illegible]				1.[illegible]	.5	1.[illegible]	
15-17	1.[illegible]	[illegible].[illegible]				2.[illegible]	.1	1.7	
18-[illegible]	1.[illegible]	[illegible].4				2.4	.4	[illegible].1	
21-23	1.[illegible]	[illegible].[illegible]				2.[illegible]	1.1	3.[illegible]	
ALL HOURS	1.[illegible]	[illegible].[illegible]				2.[illegible]	1.7	[illegible].[illegible]	

[illegible]

00-02	1.[illegible]	4.[illegible]				4.4	1.7	[illegible].[illegible]	
[illegible]-[illegible]	1.[illegible]	4.[illegible]				4.[illegible]	4.4	[illegible].7	
[illegible]-[illegible]	1.[illegible]	[illegible].				3.[illegible]	[illegible].[illegible]	.	
09-11	.[illegible]	4.[illegible]				4.[illegible]	2.[illegible]	4.[illegible]	
12-14	.3	[illegible].[illegible]				2.6	1.7	4.2	
15-17	1.[illegible]	[illegible].2				4.2	1.[illegible]	[illegible].[illegible]	
18-[illegible]	3.3	[illegible].[illegible]				4.6	1.2	[illegible].[illegible]	
21-23	2.[illegible]	[illegible].3				3.3	.3	[illegible].[illegible]	
ALL HOURS	1.[illegible]	[illegible].[illegible]				[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	

AVERAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

[illegible] AFB OK PERIOD OF RECORD: MAR 72 - FEB 89
MONTH: JUL

HAIL	ALL PRECIP	FOG	SMOKE S/DS HAZE	BLOWING SNOW	DUST S/DS SAND	ALL DUST TO VSN	TOTAL NO. OF OBS
	1.9	2.2	[illegible]			6.0	930
	2.7	3.5	3.3			9.6	930
	3.3	5.1	5.1			13.4	930
	2.6	.9	4.2			7.4	930
	1.9	.5	1.9			4.3	930
	2.5	.2	1.7			4.4	930
	2.4	.4	2.6			5.4	930
	2.6	1.1	3.4			7.1	930
	2.5	1.7	3.2			7.4	7440

MONTH: AUG

	4.4	1.7	2.8			9.9	930
	4.5	4.4	3.7			12.6	930
	3.6	10.6	[illegible]			20.1	930
	4.0	2.5	4.9			11.4	930
	2.6	1.7	4.2			8.5	930
	4.2	1.2	4.5			9.9	930
	4.6	1.2	2.5			8.3	930
	3.3	.8	2.9		.2	7.2	930
	3.9	3.0	3.9		.0	10.9	7440

OPERATING LOCATION "NAP"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS A
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723243 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE HAZE	BLOWING SNOW
00-02	1.7	5.7				5.7	5.9	1.3	
03-05	1.7	7.1				7.2	9.0	1.3	
06-08	1.7	7.1				7.1	14.3	3.1	
09-11	.3	4.4				4.4	4.4	4.4	
12-14	.4	4.7				4.7	2.0	4.1	
15-17	1.3	5.2				5.3	1.7	2.1	
18-20	1.4	5.1				5.1	2.7	2.4	
21-23	1.3	5.2				5.2	4.3	1.1	
ALL HOURS	1.1	5.5				5.6	5.3	2.7	

JULY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE HAZE	BLOWING SNOW
00-02	1.2	.3				8.3	13.1	.2	
03-05	1.3	10.2				10.2	15.1	.3	
06-08	1.1	12.3				12.3	23.3	.4	
09-11	1.3	10.3				10.3	13.5	1.2	
12-14	.2	7.1				7.1	5.2	.1	
15-17	.3	7.4				7.4	7.3	.4	
18-20	1.2	6.7				6.7	8.4	.2	
21-23	1.3	8.2				8.2	10.6	.2	
ALL HOURS	1.3	8.2				8.2	11.2	.2	

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

TINKER AFB OK
)

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: SEP

HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
	5.7	5.9	1.3		.1	13.0	900
	7.9	9.9	1.3			18.9	900
	7.8	14.3	3.1			25.7	900
	5.4	5.9	4.4		.1	15.9	900
	4.7	2.9	4.1			10.8	900
	5.3	1.7	2.3		.1	9.5	900
	5.1	2.7	2.4		.1	10.3	900
	5.9	4.3	1.4		.1	10.7	900
	5.6	5.3	2.6		.1	14.5	7200

MONTH: OCT

8.3	13.1	.3			22.3	930
10.9	16.1	.3			27.3	930
12.3	20.3	.4			33.0	930
10.6	13.5	1.3		.2	25.1	930
7.1	6.2	.6		.5	14.5	930
7.4	7.3	.4		.4	15.6	930
6.7	8.4	.3			15.4	930
8.2	10.0	.2			18.4	930
8.9	11.9	.5		.1	21.4	7440

OPERATING LOCATION "A"
USAF-TAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72344

STATION NAME: TINKER AFB, OK

LST TO UTC: + 6

HOURS (LST)	TSTMS	LIGHT FREEZ PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE & HAZE	BLOWING DUST
00-02	.4	7.9		1.3		9.7	15.0	.7	
03-05	.4	.2		1.0		9.2	13.1	.2	
06-08	.3	1.2	.2	.3		10.3	22.4	.3	
09-11	.2	1.7	.2	.3		11.7	17.4	1.4	
12-14	.7	3.7	.1	1.1		10.9	11.4	.4	
15-17	.7	.3	.1	.7		9.1	9.3	.2	
18-20	.2	7.3	.1	1.0		7.7	13.7	.2	
21-23	.7	5.2	.1	1.3		11.3	11.9	1.3	
ALL HOURS	.3	4.2	.1	1.0		10.3	15.0	.7	

00-02	.2	7.4	.5	3.2		11.1	15.5	.2	.2
03-05	.4	7.7	1.2	3.7		12.3	17.5	.2	.3
06-08	.3	7.4	1.3	4.1		13.3	17.7	.4	.4
09-11	.1	7.4	.8	4.2		12.4	20.3	1.1	.2
12-14	.1	5.4	1.2	2.7		9.5	14.7	.2	
15-17	.2	5.4	1.0	2.5		8.3	13.3	.1	.1
18-20	.3	5.5	1.1	3.1		9.7	15.2	.1	.4
21-23	.1	7.1	.8	3.2		10.1	14.4	.1	.3
ALL HOURS	.2	6.4	1.0	3.3		10.9	16.2	.4	.3

MEAN FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAY 73 - FEB 89
MONTH: NOV

HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL DUST OR VSN	TOTAL NO. OF OBS
	8.7	15.0	.7			24.3	900
	9.2	13.9	.2			23.4	900
	10.1	22.4	.4			34.0	900
	11.7	19.4	1.4			32.6	900
	10.9	11.4	.4			22.9	900
	9.1	9.1	.2		.3	19.4	900
	8.7	10.9	.2			19.3	900
	11.0	11.3	1.0			23.9	900
	10.0	15.0	.5		.0	25.7	7200

CONT: 930

11.1	15.5	.3	.2		27.1	930
12.5	17.5	.3	.3		30.9	930
13.0	19.7	.3	.4		32.6	930
12.4	20.3	1.1	.2		34.2	930
9.5	14.7	.2			24.4	930
8.9	13.5	.5	.6		23.5	930
9.7	15.2	.1	.4		25.4	930
10.1	14.4	.1	.3		24.9	930
10.9	16.2	.4	.3		27.9	7440

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72[illegible] STATION NAME: TINKER AFB OK [illegible]
LST TO UTC: + 6 [illegible]

MONTH	TSTMS	LIGHT PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE HAZE BLSG	BLOWI DUST
JAN	.2	3.7	1.0	4.1		8.4	13.5	.7	.1
FEB	.3	5.1	.7	4.9		14.3	20.7	.	.3
MAR	1.7	5.3		1.0		10.3	13.1	.	.1
APR	1.2	6.4				9.4	9.9	.1	
MAY	3.2	7.5			.2	7.8	4.3	1.1	
JUN	2.	4.1				4.1	4.7	.	
JUL	1.3	1.9				3.3	1.7	3.2	
AUG	1.7	3.3				3.7	3.3	3.3	
SEP	1.1	.7				2.3	3.	1.	
OCT	1.3	.9				3.9	11.3	.1	
NOV	.1	.7	.1	1.3		13.3	15.1	.	
DEC	.3	.1	1.3	3.3		10.9	15.1	.4	.1
ANNUAL	1.3	.1	.2	1.2	.2	7.1	11.3	1.1	.1

CENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

: TINKER AFB OK
+ 5

PERIOD OF RECORD: MAR 73 - FEB 83
HOURS: ALL

HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL # OF OBS
	8.4	13.5	.7	.2	.1	24.2	7440
	14.3	20.7	.7	.3	.2	36.1	6746
	10.3	12.5	.5	.2	.3	23.3	7440
	6.4	9.5	.5		.5	14.2	7200
.2	7.3	5.5	1.1		.2	17.2	7440
	6.1	4.5	.7		.3	11.5	7200
	2.5	1.7	3.2			7.4	7440
	3.2	3.3	3.5		.3	10.2	7440
	6.2	5.1	2.1		.1	14.5	7200
	8.2	11.2	.7		.1	21.4	7440
	10.3	15.1	.6		.2	25.7	7200
	10.9	14.2	.4	.1		27.2	7440
.2	7.7	10.0	1.3	.1	.1	19.5	87666

OPERATING LOCATION: [illegible]
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH [illegible] AT [illegible]
FROM JANUARY [illegible] MAY [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: +05

[illegible]	[illegible]	[illegible]	RAIN/FREEZING RAIN	FREEZING PRECIP	HAIL	ALL PRECIP	[illegible]	[illegible]
JAN	2.0	24.5	4.2	17.9	.2	33.7	33.3	
[illegible]	4.3	23.3	3.3	14.2	.3	34.1	37.3	1
[illegible]	3.4	31.1	1.7	4.3	1.3	35.4	41.	
APR	17.	17.7	.2	.3	2.3	37.7	22.1	1
[illegible]	17.1	11.3			.7	31.1	7.3	
JUN	11.7	13.7			1.3	27.7	11.1	1
JUL	14.1	7.3			.1	21.3	5.1	1
AUG	13.7	17.1			.1	32.	17.1	1
[illegible]	14.	23.1			.1	31.1	14.3	
OCT	5.1	21.1	.1	.2	.3	29.	22.	1
NOV	4.3	21.1	1.3	5.7	.7	32.	11.1	
DEC	3.3	24.7	3.3	11.1	.1	3 .	21.7	1
ANNUAL	11.3	21.2	1.7	9.3	1.3	37.9	24.1	

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

[illegible] AFB, NE PERIOD OF RECORD: 4901-7912
MONTH: ALL HOURS: ALL

HAIL	ALL PRECIP	FOG	SAND/DUST STORMS	THUNDERSTORMS	DUST/SAND STORMS	ALL DUST TO VSBY	TOTAL NO. OF OBS
.2	33.7	33.3	6.4	3.6	.1	46.9	1271
.9	35.[illegible]	37.9	7.3	2.[illegible]	.3	43.4	1152
1.6	35.[illegible]	[illegible]	[illegible].1	1.9	.[illegible]	44.[illegible]	1239
2.3	37.7	22.[illegible]	[illegible].1		.3	44.[illegible]	1199
[illegible].7	[illegible]	[illegible]	[illegible]			[illegible]	1243
1.3	37.7	[illegible]	[illegible].1		.1	[illegible]	1197
[illegible]	[illegible]	[illegible]	[illegible]			38.[illegible]	1240
.8	[illegible]	[illegible].1	[illegible].3			[illegible]	1243
.[illegible]	[illegible]	[illegible]	.7			[illegible]	1200
.3	[illegible]	[illegible]	[illegible].1			[illegible]	1240
.7	[illegible]	[illegible]	[illegible]	.3		[illegible]	1200
.[illegible]	[illegible]	[illegible].7	[illegible].7	1.[illegible]	.1	[illegible]	1240
1.[illegible]	[illegible].4	24.1	[illegible].3	.7	.1	42.4	14654

OPERATIONS LOCATE A WAR
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY
5-YEAR MONTHLY PERIODS

STATION NUMBER : 72306 STATION NAME: TIMMINS AP ONT
LST TO UTC: + 5

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
00-02	.4	.4	1.0	1.6	4.6	4.2	.7	1.	1.
03-05	.3	.3	1.0	1.0	3.3	3.4	.4	1.	.
06-08	.1	.1	1.1	.4	2.5	2.2	1.2	1.	1.
09-11		.1	.4	1.2	1.2	.1	.	.1	.
12-14	.4	.4	.1	1.7	1.2	1.7	.2	.1	.
15-17		.1	.3	1.6	3.1	3.1	1.1	1.1	1.
18-20	.2	.2	1.1	.3	4.4	4.1	1.	1.1	.
21-23	.2	.2	1.4	1.6	3.3	4.4	1.1	.1	1.
OBS 47263	.2	.2	1.1	1.2	3.1	3.	1.	1.2	1.
TOTAL OBS	744	672	744	720	744	720	744	744	720

TABLE [illegible] OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: MAR 73 - [illegible]

[illegible]	JUN	JUL	AUG	SEP	OCT	NOV	DEC
.	.2	.3	1.	1.7	1.9	.4	.2
.3	2.1	.4	1.1	2.7	1.2	.4	.4
.	2.3	1.2	1.1	1.7	1.1	.3	.3
.	.2	.2	.2	.1	1.3	.2	.1
.	1.7	.3	.2	.4	.2	.7	.1
.3	2.3	1.3	1.1	1.	.3	.7	.3
.	.1	1.1	2.3	.4	1.2	.1	.4
.	1.2	1.1	2.1	1.2	1.3	.7	.1
.	2.	1.2	1.7	1.2	1.1	.2	.2
	73/3	73+3	73+7	72/2	73+3	72+3	73+3

PERCENTAGE FREQUENCY OF OCCURRENCE OF ATMOSPHERIC
VERSUS WIND DIRECTION FOR JULY

STATION NAME: TINKER AFB, OK
LST TO UTC: + 6

PARAMETER	OBS#	VARIABLE	360 - 039	040 - 129	130 - 219	220
TSTMS	17.7		35.3	11.8		
LIQUID PRCIP	7.7		47.2	19.8	15.4	
[illegible]	4.4		51.3	20.7	7.6	
[illegible] PRCIP	1.4		50.1	9.8	4.2	
FOG	14.1		34.4	17.2	7.6	
FOG [illegible] 1/2 MILE	13.7		37.4	11.3	7.6	
TOTAL OBS	431	0	2302	715	344	

TSTMS			13.6	31.8	47.2	
LIQUID PRCIP	7.7		47.4	22.1	13.4	
[illegible] PRCIP	3.4		55.0	9.3	14.3	
[illegible] PRCIP	4.4		57.4	9.3	9.3	
FOG	14.7		44.5	12.4	14.3	
FOG WITH VIS 1/2 MILE	14.7		46.0	12.3	13.3	
TOTAL OBS	404	0	2180	943	3137	

QUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
DIRECTION FROM HOURLY OBSERVATIONS

[illegible] AFB, [illegible] PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JAN HOURS: ALL

[illegible]	090 - 179	180 - 269	270 - 359		NO OF OBS
[illegible]	11.8		35.3		17
[illegible]	19.5	16.4	11.9		269
[illegible]	25.3	[illegible]	2.5		79
[illegible]	9.3	4.2	15.9		313
[illegible]	12.5	[illegible]	14.9		1011
[illegible]	12.3	[illegible]	14.2		[illegible]
[illegible]	716	[illegible]	1294	0	7449

MONTH: FEB HOURS: ALL

[illegible]	31.8	40.9	9.1		22
[illegible]	23.5	13.4	15.4		[illegible]
[illegible]	5.7	13.0	15.0		53
[illegible]	5.5	3.2	22.4		341
[illegible]	12.4	19.3	17.3		1405
[illegible]	13.3	13.2	16.7		1251
0	940	2103	1159	0	6786

OPERATING LOCATION MAW — PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHER
USAFETAC, ASHEVILLE, NC — VERSUS WIND DIRECTION FROM HOURLY OBSERVATIO

STATION NUMBER: 723640 — STATION NAME: TINKER AFB OK — PERI
LST TO UTC: + 6 — MONT

PHENOMENA	CAL	VARIABLE	350 - 089	090 - 179	180 - 269	27
TSTMS	1.3		32.5	33.3	19.4	
LIQUID PRECIP	1.3		37.4	34.5	15.2	
FREEZING PRECIP						
FROZEN PRECIP	1.3		53.8	3.4	1.4	
FOG	5.3		31.7	2[illegible]	[illegible]	
FOG WITH VIS OF 1/2 MILES	[illegible]		32.2	23.[illegible]	19.	
TOTAL OBS	434	3	1796	1514	724	

TSTMS	3.4		26.1	24.3	25.2	
LIQUID PRECIP	[illegible]		38.5	23.4	13.2	
FREEZING PRECIP						
FROZEN PRECIP						
FOG	4.2		31.2	32.3	23.2	
FOG WITH VIS OF 1/2 MILES	3.4		32.1	30.7	23.[illegible]	
TOTAL OBS	434	3	1592	1339	2433	1

FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
BY DIRECTION FROM HOURLY OBSERVATIONS

INKER AFB OK — PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAR HOURS: ALL

- 089	090 - 179	180 - 269	270 - 359		NO OF OBS
2.5	33.3	15.3	15.3		80
7.4	34.5	15.0	11.5		602
1.3	5.4	1.3	37.2		78
1.7	2[illegible].5	2[illegible].4	14.1		231
7.2	23.3	19.[illegible]	14.2		373
736	1614	2249	1377	0	7449

MONTH: APR HOURS: ALL

.1	24.5	25.[illegible]	15.9		33
.5	25.9	13.2	16.[illegible]		337
.[illegible]	32.[illegible]	23.2	[illegible].4		473
.1	30.7	23.[illegible]	9.9		446
72	1389	2433	1392	0	7200

OPERATING LOCATION NAM
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERIOD
MONTH:

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 -
TSTMS	3.3		31.8	27.3	13.6	17
LIQUID PRECIP	4.6		41.5	20.5	13.5	19
FREEZING PRECIP						
FROZEN PRECIP						
FOG	3.7		36.7	20.6	24.7	13
FOG WITH VIS OF 1/2 MILES	4.3		37.5	20.2	21.4	15
TOTAL OBS	207	3	1361	2101	2455	

PERIOD
MONTH:

TSTMS	4.3		29.1	25.5	19.7	1
LIQUID PRECIP	4.3		27.3	33.7	22.3	1
FREEZING PRECIP						
FROZEN PRECIP						
FOG	13.3		29.4	32.4	15.9	
FOG WITH VIS OF 1/2 MILES	13.0		23.6	33.4	17.4	
TOTAL OBS	542	0	1016	1362	3455	

FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
BY DIRECTION FROM HOURLY OBSERVATIONS

[illegible] AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAR. HOURS: ALL

- 089	090 - 179	180 - 269	270 - 359		NO OF OBS
[illegible]	27.3	19.[illegible]	17.9		242
21.5	20.5	13.[illegible]	19.9		347
[illegible].7	20.[illegible]	21.[illegible]	11.9		554
[illegible].6	20.2	21.3	12.0		523
[illegible]91	2101	2456	725	3	7440

MONTH: JUN HOURS: ALL

[illegible].1	25.5	19.7	17.7		203
[illegible].3	33.7	22.[illegible]	11.7		212
[illegible].4	32.[illegible]	18.9	5.6		323
[illegible].6	33.4	19.[illegible]	5.2		304
[illegible]15	1362	3465	315	0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF ATMOSPHERIC
VERSUS WIND DIRECTION, EACH HOURLY OBSERVATION

STATION NUMBER: 723240 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERIOD
MONTH: J

PHENOMENA	CALM	VARIABLE	360 - 049	050 - 179	180 - 269	270 -
TSTMS	4.3		31.6	22.4	25.0	1
LIQUID PRECIP	15.		24.4	26.	21.3	11.
FREEZING PRECIP						
SNOW PRECIP						
FOG	2.		23.3	25.	1	1
FOG WITH VIS 5/8 1/2 MILES	2.		23.3	25.4	1	1
TOTAL OBS	377	0	791	2227	3720	2

MONTH:

TSTMS	5.		19.7	32.	30.7	21.
LIQUID PRECIP	6.		36.5	2.	19.7	
FREEZING PRECIP						
SNOW PRECIP						
FOG	12.1		36.3	24.7	20.2	
FOG WITH VIS 5/8 1/2 MILES	12.7		37.4	25.7	19.	
TOTAL OBS	449	0	1107	2294	4350	2

NCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
LECTION FROM HOURLY OBSERVATIONS

AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUL HOURS: ALL

9	000 - 179	180 - 269	270 - 359		NO OF OBS
	22.4	25.0	15.8		76
	26.4	21.3	11.0		127
	25.4	14.6	10.3		129
	26.4	14.4	10.9		129
	2227	3709	235	0	7440

MONTH: AUG HOURS: ALL

	22.8	30.7	21.3		127
	24.1	19.7	8.4		203
	24.7	20.2	6.3		223
	25.7	13.6	6.5		214
	2294	3350	249	0	7440

OPERATING LOCATION: NAM PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC
NSA GLENN, ASHEVILLE, NC VERSUS WIND DIRECTION FROM EARLY [illegible]

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK [illegible]
LST TO UTC: + 6 [illegible]

PHENOMENA	CALM	VARIABLE	360 - 039	040 - 129	130 - 219	220 -
TSTMS	1.4		23.3	15.9	37.3	22
LIQUID PRECIP	11.3		34.9	27.0	15.9	1
FREEZING PRECIP						
SNOW						
FOG	13.4		27.4	17.1	21.4	
FOG WITH VIS OF 1/2 MILES	13.3		24.3	17.3	21.	
TOTAL OBS	438	0	1349	918	2349	

[illegible]

TSTMS	4.2		16.7	32.4	31.3	14
LIQUID PRECIP	5.9		36.3	26.3	23.1	1
FREEZING PRECIP						
SNOW						
FOG	4.3		23.4	25.0	28.9	14
FOG WITH VIS OF 1/2 MILES	5.3		29.1	25.4	29.3	14
TOTAL OBS	414	0	1737	1510	2777	

...UENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
...DIRECTION FROM HOURLY OBSERVATIONS

...AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: SEP HOURS: ALL

...	090 - 179	180 - 269	270 - 359		NO OF OBS
...	13.9	27.9	22.5		111
...	27.0	16.5	10.4		345
...	17.1	22.4	9.4		422
...	27.3	21.7	9.4		435
...	2129	2549	934	0	7200

MONTH: OCT HOURS: ALL

...	32.4	31.6	14.7		95
...	25.3	23.1	12.7		344
...	25.0	25.5	14.3		884
...	25.2	25.3	14.0		826
57	1610	2779	901	0	7440

OPERATING LOCATION NAM PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHE
USAFETAC, ASHEVILLE C VERSUS WIND DIRECTION FOR MONTHLY OBSERVATI

STATION NUM R: 723-40 STATION NAME: TINKER AFB OK ALTI
LST TO UTC: + 6 MONT

PHENOMENA	CALM	VARIABLE	350 - 039	040 - 129	130 - 219	220
TSTMS			13.2	20.3	42.1	
LIQUID PRECIP	3.		45.6	16.3	17.7	
FREEZI.. PRECIP			42.9	12.5		
FREEZING PRECIP			50.5		5.3	
FOG	4.7		41.3	17.5	14.7	
FOG WITH VIS OF 1/2 MILES	4.4		41.7	16.7	14.3	
TOTAL OBS	497	0	1238	1295	1473	

TSTMS			47.1	5.4	45.3	
LIQUID PRECIP	4.2		43.3	13.3	14.1	
FREEZING PRECIP			93.7	2.7	1.4	
FREEZING PRECIP	1.3		72.5	7.4	1.1	
FOG	4.3		43.8	10.5	37.4	
FOG WITH VIS OF 1/2 MILES	4.0		44.5	10.4	36.3	
TOTAL OBS	503	0	2228	864	2613	

FREQUENCY OF OCCURRENCE OF ATMOSPHERIC PHENOMENA
[10] DIRECTION FROM HOURLY OBSERVATIONS

[illegible] AFB, OK PERIOD OF RECORD: MAR 73 - FEB 84
MONTH: NOV HOURS: ALL

- 089	090 - 179	180 - 269	270 - 359		NO OF OBS
[illegible]	2[illegible].3	[illegible].1	1[illegible].4		[illegible]
[illegible].6	16.3	19.[illegible]	15.7		612
[illegible].3	12.[illegible]		[illegible].[illegible]		
[illegible].5		5.3	34.2		76
[illegible].2	17.3	[illegible].[illegible]	1[illegible].1		1[illegible]2
[illegible].	15.7	[illegible].[illegible]	14.[illegible]		[illegible]
[illegible]	12[illegible]%	[illegible]7[illegible]	13[illegible]%	0	7203

MONTH: DEC HOURS: ALL

[illegible]7.1	[illegible].[illegible]	[illegible]5.3	11.[illegible]		17
[illegible].0	13.2	[illegible].[illegible]	14.2		[illegible]7[illegible]
[illegible].[illegible]	2.7	1.4	1[illegible].2		74
[illegible].5	7.[illegible]	1.1	7.[illegible]		[illegible]7[illegible]
[illegible].[illegible]	10.[illegible]	27.[illegible]	12.5		1203
[illegible].[illegible]	19.4	25.3	13.[illegible]		1[illegible]7[illegible]
[illegible]22[illegible]	864	2612	1227	[illegible]	7440

OPERATING LOCATION: "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF ATMOSPH
VERSUS WIND DIRECTION, FOR YEARLY SUMMARY

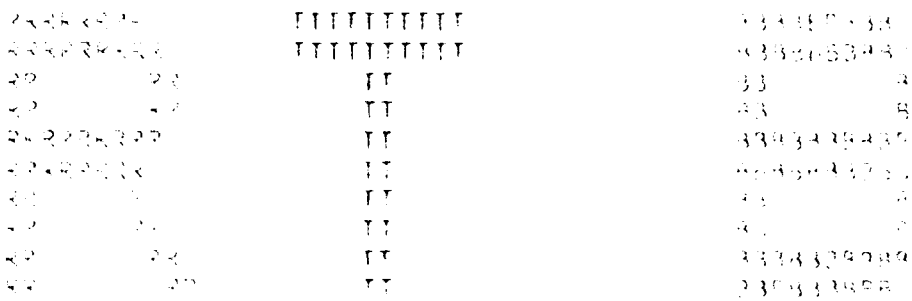
STATION NUMBER : 723140 STATION NAME: TINKER AFB, OK
LST TO UTC: + 6

PHENOMENA	CALM	VARIABLE	340 - 020	030 - 170	180 - 330	
TSTMS	4.1		27.2	25.1	14.	
LIGHT PRECIP	4.7		32.4	24.1	17.4	
FOG (VIS 1/2 MI OR LESS)	1.7		46.4	13.1	17.4	
HEAVY PRECIP	1.7		53.9	7.1	5.	
FOG	7.4		35.3	19.1	16.2	
FOG (VIS 1/2 MI OR LESS)	7.		37.3	14.7	17.	
TOTAL OBS	4.1	3	1933	1302	1038	

FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
(% FROM DIRECTION, FROM HOURLY OBSERVATIONS

STATION AREA OK PERIOD OF RECORD: MAY 74 - APR 80
ALL HOURS: ALL

310 - 039	040 - 129	130 - 309	310 - 360	NO OF OBS
27.3	25.1	24.7	17.9	1115
29.4	24.1	17.7	13.6	4021
26.4	18.1	17.0	15.5	227
42.9	7.1	3.7	14.7	1477
35.5	19.5	14.1	14.2	3743
27.3	19.5	17.	14.7	4251
14238	14022	34256	19619	37525



PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

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 MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.
THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.
THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "00" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.
THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF ANS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF ANS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN MONTH.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1946:	0300 LST	THROUGH JUN 1952:	0030 GMT
JUL 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

CONVERSIONS:

- 1 INCH = 25.39993 MILLIMETERS

- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PREC
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: +06

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	
NONE	66.4	63.3	63.9	61.7	56.4	61.9	71.5	73
TRACE	17.[illegible]	15.9	12.9	15.0	14.1	11.1	10.[illegible]	
.01	2.1	1.[illegible]	1.3	1.7	2.2	1.7	.[illegible]	1.
.02-.[illegible]	3.	4.3	4.5	3.4	3.3	3.9	3.4	3.
.[illegible]-.1[illegible]	[illegible].[illegible]	2.[illegible]	2.5	2.4	2.4	3.5	2.4	1
.11-.[illegible]	[illegible].[illegible]	4.[illegible]	4.7	4.[illegible]	4.3	3.1	2.1	
.[illegible]-.5[illegible]	[illegible].[illegible]	3.4	3.7	3.5	3.2	3.3	2.[illegible]	
.[illegible]1-1.[illegible]	1.[illegible]	1.9	4.5	4.2	5.[illegible]	4.3	3.[illegible]	
1.01-[illegible].[illegible]	.	1.[illegible]	2.[illegible]	3.0	4.7	3.[illegible]	[illegible].[illegible]	1.
[illegible].[illegible]1-[illegible].[illegible]		.1	.1	.2	1.[illegible]	.[illegible]	.[illegible]	
[illegible].[illegible]1-1[illegible].[illegible]					.2	.1		
10.01-[illegible][illegible].[illegible]								
[illegible][illegible].01								
DAYS WITH MEAN VALUES	14.7	13.4	23.2	23.3	20.[illegible]	22.[illegible]	14.[illegible]	
TOTAL [illegible]. OBSERVATIONS	1[illegible]7	1307	1395	1350	1395	1[illegible]1	1[illegible]	1[illegible]

Y OF OCCURRENCE OF PRECIPITATION IN INCHES
MARY OF DAY DATA

PERIOD OF RECORD: 4301-8902
MONTH: ALL HOURS: ALL

Y	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
.4	51.9	71.5	73.2	67.3	71.6	71.4	69.1	66.5
.1	11.1	10.0	8.5	10.3	9.5	11.7	14.3	12.6
	1.7	.5	1.9	1.5	1.3	1.5	1.8	1.6
.3	3.9	3.3	3.4	3.4	3.4	2.9	4.2	3.7
.4	3.5	2.4	1.5	2.5	1.6	2.9	1.9	2.4
	3.1	3.1	3.1	4.4	3.7	3.1	2.8	3.9
	3.9	3.2	3.6	3.0	2.2	2.0	2.7	3.2
	4.3	3.6	2.9	3.3	3.7	2.2	2.0	3.2
	3.9	2.5	1.6	2.3	2.7	2.0	1.2	2.4
	.5	.4	.3	.7	.3	.1	.1	.3
	.1			.1	.1			.0
	27.0	14.9	13.3	22.3	13.9	16.3	16.5	20.2
	1353	1395	1395	1380	1426	1380	1426	16656

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE, NC

TOTAL MONTHLY PRECIPITATION AMOUNTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: +06

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
43	.02	.55	2.23	2.33	9.16	1.53	.13	.23
44	2.51	1.36	2.47	3.25	4.42	4.54	1.22	3.13
45	1.25	2.53	4.02	4.42	3.36	3.45	3.75	2.39
46	5.31	TRACE*						
47	.24	TRACE*	.36	3.40	6.62	3.32	5.64	.71
48	.3	2.07	5.15	.97	4.03	4.73	2.13	1.12
49	5.33	1.23	1.37	.74	6.05	5.34	2.45	2.03
50	.71	1.33	.23	.35	10.54	2.13	6.22	2.15
51	.76	2.41	.33	4.64	6.73	4.97	3.43	3.31
52	1.3	2.45	3.43	2.08	9.73	.35	2.31	2.21
53	.04	1.27	3.76	4.00	2.40	2.19	4.61	5.24
54	.46	.42	.54	3.24	5.73	1.04	.2	.23
55	1.2	.97	1.61	1.37	10.53	3.45	.35	2.31
56	.32	.53	.56	2.79	4.95	2.12	1.02	.23
57	2.53	1.34	1.32	7.08	11.35	11.14	.74	2.15
58	1.41	1.36	3.36	4.03	2.15	2.24	2.24	3.73
59	.36	1.14	2.36	1.71	7.26	4.09	7.16	2.42
60	1.61	2.45	.56	4.41	3.47	4.58	7.39	2.03
61	.32	1.13	1.56	1.15	2.33	3.61	7.35	1.31
62	.63	.75	1.00	2.47	2.74	4.43	1.13	1.36
63	.32	.23	3.22	3.62	1.62	1.37	7.45	1.36
64	.76	2.53	1.96	2.35	4.50	.56	.32	4.16
65	2.33	1.24	.45	2.34	3.95	2.27	1.97	6.21
66	.53	1.73	.15	3.69	.34	2.33	3.14	2.27
67	.14	.37	2.59	6.70	3.30	6.09	1.34	1.09
68	2.37	.74	3.55	3.04	8.54	1.36	1.23	2.17
69	.43	2.34	2.65	1.72	3.73	4.93	2.53	1.27
70	.17	.50	2.21	2.97	7.12	2.46	.96	.51
71	.75	1.36	.11	1.56	3.33	3.94	4.81	2.15
72	.37	.56	.03	4.11	4.05	1.43	3.41	2.35
73	4.36	.32	5.72	3.36	3.30	5.74	3.73	.43
74	.24	2.09	2.37	4.66	5.72	4.47	.32	3.03
75	2.32	1.42	2.41	1.75	9.29	4.36	6.65	1.03

TAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

[illegible] AFB OK — PERIOD OF RECORD: 4301-[illegible]
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
4.16	1.53	.39	.43	.35	1.05	.34	3.29	22.22
4.42	4.54	1.32	2.19	2.73	5.43	2.68	2.24	35.14
3.33	9.95	5.75	2.32	10.78	.42	.07	.03	44.38
				.43	.75	2.34	2.84	11.73*
1.52	3.38	5.44	.21	.83	1.07	1.37	1.62	30.32
4.33	4.70	2.13	1.12	TRACE	.39	1.03	.53	28.37
5.25	5.36	2.45	2.09	2.05	5.06	.00	1.28	33.69
10.64	2.13	5.22	2.15	2.12	.28	.54	.15	29.62
5.73	4.97	3.31	5.71	4.46	1.97	1.23	.04	35.10
5.73	.35	2.91	2.21	.53	TRACE	2.04	.73	27.71
2.46	2.19	4.62	3.24	.54	7.48	1.14	.38	32.02
5.73	1.04	.15	.32	1.11	1.43	.07	1.64	17.35
12.53	3.45	.29	2.31	5.04	6.78	.11	.02	34.16
4.95	2.12	1.92	.43	.12	1.19	2.01	3.43	20.65
11.35	11.14	.74	2.15	4.37	2.06	2.45	1.02	49.29
7.15	3.94	2.24	3.79	3.21	.06	.31	1.49	32.24
7.36	4.09	7.45	2.98	4.04	5.47	1.53	3.35	44.82
3.49	4.49	7.39	2.08	1.30	3.70	.54	3.24	40.46
2.33	3.31	7.35	1.31	11.32	2.78	4.22	.85	38.04
2.74	4.45	1.57	1.35	3.97	1.34	1.46	.32	23.95
1.52	1.57	7.45	1.25	1.34	.21	1.57	1.00	23.90
4.50	.54	.32	4.35	4.00	1.33	7.26	.59	30.99
3.95	2.27	1.97	6.28	4.53	.95	.16	3.25	29.79
.34	2.33	3.14	9.27	3.05	.52	.94	.24	26.71
3.30	5.03	1.24	1.52	4.52	2.61	.20	.71	30.15
1.53	1.06	1.03	2.27	4.65	3.07	5.24	1.55	37.48
3.73	4.90	2.59	1.97	3.44	2.70	.27	2.53	29.69
7.12	2.46	.98	.61	9.43	4.69	1.14	.32	32.60
3.33	3.98	4.61	2.15	4.63	4.93	.11	2.79	30.78
4.65	1.33	3.91	2.36	.77	6.63	3.25	.75	30.12
3.30	5.74	3.73	.69	11.85	3.36	3.60	.54	50.19
5.72	4.47	.30	3.93	4.50	5.09	3.35	1.73	39.31
9.28	4.36	6.56	1.03	1.72	1.01	1.61	1.87	36.04

OPERATIONAL CLIMATOLOGY BRANCH
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: +06

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
76	T***	.64	3.74	3.91	4.44	.22	1.**	*.11
77	.22	1.56	1.69	1.03	*.09	1.57	4.34	.32
78	1.23	3.53	2.00	1.56	9.17	4.02	3.71	.**
79	1.**	.75	2.93	2.00	5.87	*.**	*.55	*.**
**	1.**	.**	1.22	3.78	*.**	3.53	T***	.**
**	.**	1.**	*.**	1.57	3.56	7.**	4.**	*.**
**	4.**	.**	1.43	2.57	12.01	4.**	4.**	.43
**	.**	1.**	3.22	3.55	9.52	1.**	.**	4.**
**	.*	.**	*.**	1.62	1.76	3.**	.41	*.17
**	.*	*.**	7.**	5.33	2.43	13.**	1.**	*.**
**	.**	.**	*.**	4.10	*.**	*.**	.17	*.**
**	*.**	4.**	*.**	.**	*.**	*.**	2.**	*.**
**	.**	.**	7.**	*.**	1.57	*.**	1.**	*.**
**	1.**	*.**						

LEAST	.**	T***	.11	.**	.**	.**	T***	.**
GREATEST	*.**	*.**	*.**	*.**	12.01	11.**	.**	*.**
MEAN	1.**	1.**	*.**	*.**	*.**	4.**	*.**	*.**
MEDIAN	.**	1.**	*.**	*.**	*.**	*.**	*.**	*.**
SD	1.***	1.***	1.***	1.***	*.***	*.***	*.***	1.***
TOTAL OBS	1407	1307	1395	1350	1395	1350	1395	1395

THE GREATEST VALUE OF 13.45 OCCURRED IN 197*

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN ** OF T**

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

[illegible] AFB OK — PERIOD OF RECORD: 4301-3902
MONTH: ALL HOURS: ALL

YR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	4.44	.92	1.[illegible]	2.11	.71	1.69	.03	.57	20.11
[illegible]	5.69	1.57	4.24	.32	.50	1.53	1.47	.35	23.04
[illegible]	9.17	4.02	3.71	.55	2.54	2.26	6.39	.79	37.86
[illegible]	5.37	2.[illegible]	5.55	3.95	.77	1.66	3.47	3.05	41.30
[illegible]	3.69	3.53	TRACE	.20	.05	1.16	.88	2.25	25.19
[illegible]	3.56	7.03	4.33	3.75	2.05	9.44	2.73	.10	39.91
[illegible]	12.01	4.25	4.53	.43	1.50	.75	3.28	2.33	38.97
[illegible]	9.52	1.67	.05	4.02	1.47	13.45	2.13	.75	46.31
[illegible]	1.75	3.[illegible]1	.41	3.17	.73	3.29	1.95	3.53	34.09
[illegible]	2.40	10.[illegible]	1.49	2.93	4.35	5.31	3.45	.35	49.44
[illegible]	5.53	3.[illegible]	.17	2.40	[illegible].95	5.79	5.21	1.41	42.06
[illegible]	3.04	5.11	2.73	2.[illegible]	4.15	1.37	1.07	3.41	38.63
[illegible]	1.57	2.22	1.75	2.[illegible]	5.05	2.30	3.47	1.29	33.26
									4.40*
	.34	.3[illegible]	TRAC	.01	TRACE	TRACE	.00	.02	17.35
	12.01	11.1[illegible]	9.22	9.27	11.[illegible]5	13.45	7.25	9.53	50.19
	5.55	4.1[illegible]	3.05	2.32	3.42	3.02	1.99	1.54	33.83
	5.73	3.81	2.45	2.15	2.3[illegible]	2.02	1.49	1.15	33.26
	3.000	2.406	2.433	1.621	3.069	2.787	1.746	1.620	7.967
	1395	1350	1395	1395	1330	1426	1380	1426	16656

[illegible] OCCURRED IN 10/03

* MONTH WITH LESS THAN 20% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION: [illegible]
USAFETAC, ASHEVILLE, NC

EXTREME DAILY PRECIPITATION AMOUNTS
FROM SUMMARY OF DAY DATA

STATION NUM: [illegible] STATION NAME: TINKER AFB OK
LST TO UTC: +06

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
43	.92	.62	.67	.97	3.69	1.11	.21	.47
44	1.48	.36	1.73	1.22	1.14	3.71	.86	.36
45	.24	.79	.94	.73	2.27	1.39	.29	1.77
46	2.17	TRACE*						
47	.35	TRACE	.35	1.62	1.65	1.45	2.75	.31
48	.13	.72	1.29	.79	2.33	3.99	.44	.75
49	1.43	.38	.46	.35	2.05	1.47	1.25	.59
50	.58	.23	.14	.76	5.53	1.27	1.75	.4
51	.2	1.11	.39	2.33	2.37	1.66	2.01	1.54
52	.[illegible]	1.13	1.13	.61	3.44	.[illegible]	.23	1.68
53	.1	.52	1.37	2.40	1.79	1.45	1.52	1.[illegible]
54	.41	.[illegible]	.24	1.24	1.59	.53	.[illegible]	.[illegible]
55	.[illegible]	.92	.[illegible]	.73	5.48	.40	.39	.08
56	.21	.2[illegible]	.44	1.17	1.51	.74	.[illegible]	.53
57	.[illegible]	.35	.[illegible]	1.[illegible]	2.13	3.1[illegible]	.71	.32
58	.37	.[illegible]6	.43	2.21	.59	2.1[illegible]	.[illegible]	1.71
59	.34	.[illegible]	1.29	.72	2.98	1.33	1.[illegible]	1.[illegible]
60	.[illegible]1	1.7[illegible]	.1[illegible]	1.72	1.7[illegible]	1.44	2.[illegible]	.[illegible]
61	.[illegible]	.37	.56	.62	.32	1.1[illegible]	2.2[illegible]	.5[illegible]
62	.[illegible]	.4[illegible]	.77	1.44	2.13	4.37	.[illegible]	.44
63	.21	.1[illegible]	1.52	2.[illegible]	.34	1.0[illegible]	3.7[illegible]	.[illegible]
64	.[illegible]	1.35	.65	1.46	1.[illegible]3	.35	.[illegible]4	1.[illegible]
65	.[illegible]	.4[illegible]	.75	1.[illegible]	2.23	.[illegible]	.73	2.7[illegible]
66	.[illegible]	.34	.35	1.41	.20	1.32	1.14	2.[illegible]
67	.[illegible]	.37	.[illegible]7	2.[illegible]5	1.20	2.3[illegible]	.42	1.[illegible]
68	1.[illegible]	.27	1.14	1.20	2.06	.43	.53	1.[illegible]
69	.44	.[illegible]	1.37	.6[illegible]	2.64	2.25	2.[illegible]	.[illegible]4
70	.11	.1[illegible]	.44	1.50	5.23	.[illegible]	.[illegible]	.33
71	.3[illegible]	1.55	.[illegible]	.6[illegible]	.7[illegible]	1.3[illegible]	2.[illegible]7	1.17
72	.1[illegible]	.3[illegible]	.44	1.07	2.53	.51	1.[illegible]1	.[illegible]
73	.[illegible]4	.23	2.4[illegible]	1.13	1.29	2.10	1.[illegible]	.4[illegible]
74	.3[illegible]	.7[illegible]	1.41	3.04	2.55	3.39	.[illegible]1	1.[illegible]4
75	1.[illegible]2	.73	.67	1.11	2.93	1.[illegible]9	4.54	.[illegible]3

AILY PRECIPITATION AMOUNTS IN INCHES
SUMMARY OF DAY DATA

PERIOD OF RECORD: 4301-8902
MONTH: ALL HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1.11	.00	.47	.32	.43	.34	1.77	3.69
3.75	.26	.75	1.15	2.11	.77	1.66	3.78
1.39	2.29	1.77	2.72	.12	.06	.01	2.72
			.35	.53	1.06	1.65	2.17*
1.45	2.75	.01	.53	.41	.35	1.46	2.75
3.55	.04	.96	TRACE	.17	.50	.39	3.55
1.47	1.05	.53	.75	1.63	.00	.50	2.06
1.27	1.76	.46	.55	.23	.77	.09	5.68
1.66	2.01	1.94	2.02	.54	.82	.04	2.93
.20	.73	1.55	.40	TRACE	.75	.71	3.44
1.45	1.52	1.35	.46	2.48	.02	.60	2.49
.53	.00	.00	.75	.05	.07	.00	1.59
.00	.29	.05	2.57	2.72	.11	.02	5.46
.74	.00	.53	.12	.50	1.58	1.89	1.89
3.13	.71	.32	3.13	.34	1.40	.90	3.18
2.15	.00	1.51	.92	.03	.25	.40	2.21
1.23	1.00	1.50	3.36	1.36	1.50	1.73	3.86
1.49	2.90	.25	.90	2.23	.48	1.03	2.90
1.10	2.20	.58	3.53	1.32	1.50	.51	3.83
4.37	.00	.14	1.45	.39	.25	.77	4.07
1.05	3.70	.35	.54	.20	1.13	.56	3.70
.35	.54	1.45	.92	1.04	2.01	.41	2.01
.00	.73	2.79	1.70	.79	.15	2.25	2.79
1.22	1.19	2.58	1.23	.52	.80	.10	2.58
2.35	.42	1.32	1.80	1.00	.09	.26	2.85
.40	.53	1.20	2.52	1.28	1.36	.52	2.62
1.25	2.23	.54	1.30	2.15	.27	1.39	2.64
.55	.55	.33	6.15	1.43	.80	.21	6.15
1.39	2.87	1.17	1.39	2.58	.06	1.01	2.87
.61	1.91	.32	.55	2.71	1.60	.31	2.71
2.13	1.68	.45	2.21	.99	1.75	.45	2.45
3.39	.23	1.34	1.09	1.66	1.57	.82	3.39
1.99	4.54	.60	.53	.55	.69	.27	4.54

OPERATIONS LOCATION MAP
USAFTAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS
MONTHLY SUMMARY FOR DAILY DATA

STATION NUMBER: 72[illegible] STATION NAME: [illegible] AFB [illegible]
LST TO GMT: +06

YEAR	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
76	T .50	.33	1.20	1.32	1.33	.45	.39	.27
77	.17	1.21	.40	.72	2.12	.33	2.54	.52
78	.60	1.73	.45	.57	2.30	2.52	1.65	.4
79	.22	.74	1.24	.71	2.32	1.69	.11	2.1
80	1.35	.25	.45	1.73	2.27	1.42	T 1.20	.11
81	.45	.26	.43	.53	.74	2.23	3.7	1.32
82	2.24	.39	.34	1.24	2.94	1.1	1.	.5
83	1.47	.51	1.17	1.47	3.24	.74	.54	3.
84	.17	.33	2.4	.57	.92	1.54	.24	1.21
85	.22	2.55	1.30	2.32	1.56	3.13	.71	1.3
86	.24	.23	1.19	1.44	2.15	.76	.17	.41
87	1.54	1.71	1.63	.71	2.54	1.71	1.	1.
88	.22	.34	2.44	1.24	.95	1.47	.4	1.71
89	.71	1.1						

MEAN	2.33	2.58	2.68	3.04	5.63	5.13	4.54	3.[illegible]
TOTAL NO.	1487	1307	1335	1350	1345	1360	1395	1[illegible]

THE GREATEST VALUE OF 6.15 OCCURRED ON 08/22/79

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

[illegible] PRECIPITATION AMOUNTS IN INCHES
[illegible] DAILY DATA

[illegible] PERIOD OF RECORD: 4301-[illegible]
MONTHS: ALL HOURS: ALL

[illegible]	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	[illegible]	.27	[illegible]	1.33	[illegible]	.44	1.33
[illegible]	[illegible]	[illegible]	[illegible]	.72	1.01	.19	2.82
[illegible]	1.[illegible]	[illegible]	1.74	1.[illegible]	2.46	.61	2.46
[illegible]	.11	[illegible]	[illegible]	.7[illegible]	3.37	2.34	3.37
[illegible]	[illegible]	.11	[illegible]	[illegible]	[illegible]	1.46	2.27
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.17	3.70
[illegible]	[illegible]	[illegible]	.44	[illegible]	1.75	[illegible]	2.94
[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]	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]

OPERATIONS LOCATION 'A'
JOASTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SYNOPTIC
RAIN SUMMARY OF DAY DATA

STATION NUM -: 72254 STATION NAME: TINKER AFB OK
LST TO UTC: +06

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
NONE	[illegible]	84.7	91.4	93.5	100.0	100.0	[illegible]	[illegible]
TRACE	[illegible]	10.3	5.3	.8				
0.1-0.4	1.	1.3	.5	.1				
0. -1.4	[illegible]	1.7	.3	.1				
1.5-1.9	[illegible]	.3	.3					
2.0-3.4	[illegible]	.5	.2					
3. -3.4	.	.3						
4.5-5.9	.3	.3	.1					
6.0-[illegible]	.1	.3	.2					
10.0-14.4								
15.0-[illegible]								
20. - [illegible]								
OVER [illegible]								
DAYS WITH [illegible]	.3	.3	.3	.2				
TOTAL # OF OBSERVATIONS	[illegible]	1222	1302	1260	1302	1209	[illegible]	[illegible]

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

AFB OK PERIOD OF RECORD: 4501-8902
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
100.0	100.0	100.0	100.0	100.0	99.5	95.0	90.4	95.2
					.2	3.6	6.2	3.2
						.4	.7	.4
						.3	1.3	.5
						.2	.7	.3
							.3	.2
							.2	.1
						.2	.2	.1
							.1	.0
						1.4	3.4	1.5
1302	1293	1302	1302	1290	1333	1290	1333	15560

OPERATIONS LOCATION: [illegible]
USAFETAC, ASHEVILLE, NC

TOTAL MONTHLY SNOWFALL AMOUNTS (I
FROM SUMMARY OF [illegible] DATA

STATION NUMBER: 72[illegible] STATION NAME: TINKER AFB, O
LST TO UTC: +06

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
46	T	.0*						
47	4.[illegible]	T	.2	.0	.0	.0	.0	.0
48	.[illegible]	.0	11.7	.0	.0	.0	.0	.0
49	13.[illegible]	.1	TRACE	TRACE	.0	.0	.0	.0
50	.[illegible]	TRACE	TRACE	.0	.0	.0	.0	.0
51	[illegible]	.1	TRACE	TRACE	.0	.0	.0	.0
52	[illegible].1	[illegible].7	TRACE	.0	.0	.0	.0	.0
53	[illegible].7	TRACE	TRACE	.0	.0	.0	.0	.0
54	[illegible].[illegible]	.[illegible]	1.[illegible]	.0	.0	.0	.0	.0
55	[illegible]	.0	1.7	.0	.0	.0	.0	.0
56	.[illegible]	[illegible].0	TRACE	.[illegible]	.0	.[illegible]	.[illegible]	.0
57	.1	T	TRACE	.2	.0	.0	.[illegible]	.0
58	[illegible].[illegible]	1.3	[illegible].0	.0	.0	.0	.[illegible]	.0
59	[illegible].[illegible]	1.1	1.3	.0	.0	.1	.[illegible]	.0
60	[illegible].[illegible]	4.5	[illegible].3	.0	.0	.0	.[illegible]	.0
61	.[illegible]	[illegible].0	TRACE	.[illegible]	.0	.[illegible]	.[illegible]	.0
62	[illegible].[illegible]	.1	.0	.0	.0	.0	.[illegible]	.0
63	TRACE	[illegible].0	.0	.0	.0	.0	.[illegible]	.0
64	TRACE	T	[illegible].0	.0	.0	.[illegible]	.[illegible]	.0
65	[illegible].[illegible]	1.[illegible]	.4	.0	.0	.[illegible]	.[illegible]	.0
66	[illegible].[illegible]	[illegible].0	.0	.0	.0	.1	.[illegible]	.0
67	TRACE	TRACE	1.0	.0	.0	.0	.[illegible]	.0
68	.[illegible]	7.7	17.[illegible]	.0	.0	.0	.[illegible]	.0
69	TRACE	1.6	[illegible].7	.0	.0	.0	.[illegible]	.0
70	[illegible].[illegible]	T	1.0	1.0	.0	.0	.0	.0
71	TRACE	[illegible].1	.0	.0	.0	.[illegible]	.[illegible]	.0
72	TRACE	4.0	.0	.0	.0	.0	.[illegible]	.0
73	[illegible].[illegible]	TRACE	.0	TRACE	.0	.0	.0	.0
74	.7	TRACE	.0	.0	.0	.0	.0	.0
75	TRACE	[illegible].0	TRACE	TRACE	.0	.0	.0	.0
76	TRACE	.4	.0	.0	.0	.0	.[illegible]	.0
77	[illegible].0	1.1	.0	.0	.0	.[illegible]	.0	.0
78	[illegible].0	13.0	TRACE	.0	.0	.0	.0	.0
79	[illegible].[illegible]	[illegible].7	.0	.0	.0	.0	.[illegible]	.0
80	TRACE	1.0	TRACE	.0	.0	.0	.0	.0

...L MONTHLY SNOWFALL AMOUNTS IN INCHES
...OM SUMMARY OF DAY DATA

...R 34 PERIOD OF RECORD: 4601-8902
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
				.0	.0	.0	TRACE	TRACE*
.0	.0	.0	.0	.0	.0	.0	.1	4.5
.0	.0	.0	.0	.0	.0	.1	TRACE	20.2
.0	.0	.0	.0	.0	.0	.0	.0	20.5
.0	.0	.0	.0	.0	.0	2.1	.0	7.7
.0	.0	.0	.0	.0	.0	2.9	TRACE	12.0
.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.8
.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.7
.0	.0	.0	.0	.0	.0	.0	9.1	15.3
.0	.0	.0	.0	.0	.0	1.1	TRACE	6.9
.0	.0	.0	.0	.0	.0	.0	2.8	5.2
.0	.0	.0	.0	.0	TRACE	TRACE	.0	.8
.0	.0	.0	.0	.0	.0	1.2	11.0	22.9
.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.0
.0	.0	.0	.0	.0	.0	.0	3.3	17.6
.0	.0	.0	.0	.0	.0	.0	TRACE	5.0
.0	.0	.0	.0	.0	.0	TRACE	1.5	4.5
.0	.0	.0	.0	.0	.0	.0	3.0	5.0
.0	.0	.0	.0	.0	.0	.0	TRACE	2.8
.0	.0	.0	.0	.0	.0	.0	TRACE	5.3
.0	.0	.0	.0	.0	.0	.0	TRACE	5.5
.0	.0	.0	.0	.0	TRACE	.0	.4	2.9
.0	.0	.0	.0	.0	.0	TRACE	.2	25.0
.0	.0	.0	.0	.0	.0	.0	7.4	14.8
.0	.0	.0	.0	.0	.0	TRACE	.0	4.0
.0	.0	.0	.0	.0	.0	.2	5.0	11.2
.0	.0	.0	.0	.0	.0	5.3	1.2	11.5
.0	.0	.0	.0	.0	.0	.0	.3	10.3
.0	.0	.0	.0	.0	.0	1.0	3.0	5.2
.0	.0	.0	.0	.0	.0	TRACE	5.7	7.7
.0	.0	.0	.0	.0	.0	TRACE	TRACE	.4
.0	.0	.0	.0	.0	.0	TRACE	.0	5.6
.0	.0	.0	.0	.0	.0	.0	3.0	25.0
.0	.0	.0	.0	.0	.0	TRACE	TRACE	11.9
.0	.0	.0	.0	.0	.0	4.7	.0	5.7

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN
FROM SUMMARY OF DAY DATA

STATION NUMBER: 72[illegible] STATION NAME: [illegible]
LST TO UTC: +06

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
81	TRACE	.5	.0	.0	.0	.0	.0	.0
82	1.0	3.3	2.2	.0	.0	.0	.0	.0
83	[illegible]	4.4	TRACE	.0	.0	.0	.0	.0
84	3.4	.3	TRACE	.0	.0	.0	.0	.0
85	3.1	4.0	.0	.0	.0	.0	.0	.0
86	.1	[illegible].3	TRACE	.0	.0	.0	.0	.0
87	[illegible]	1.2	TRACE	.0	.0	.0	.0	.0
88	7.1	TRACE	.3	.0	.0	.0	.0	.0
89	[illegible]	TRACE						

LOWEST	.2	.3	.3	.2	.0	.0	.0	.0
GREATEST	14.0	13.0	17.9	1.0	.0	.0	.0	.0
MEAN	3.4	2.2	1.4	TRACE	.0	.0	.0	.0
MEDIAN	3.0	1.1	TRACE	.0	.0	.0	.0	.0
SD	3.427	3.917	3.413	.157	.000	.000	.000	.000
TOTAL OBS	1304	1224	1302	1260	1302	1260	1302	1302

THE GREATEST VALUE OF 17.9 OCCURRED IN [illegible]

M.I.S: *THE VALUE IS BASED ON A MONTH WITH LESS THAN [illegible]

MONTHLY SNOWFALL AMOUNTS IN INCHES
TD9 SUMMARY OF DAY DATA

[illegible]

PERIOD OF RECORD: 4601-9902
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	.0	.0	.0	.0	.0	.0	TRACE	.5
[illegible]	.0	.0	.0	.0	.0	TRACE	TRACE	6.5
[illegible]	.0	.0	.0	.0	.0	TRACE	1.9	13.1
[illegible]	.0	.0	.0	.0	.0	TRACE	4.4	8.6
[illegible]	.0	.0	.0	.0	.0	1.0	.4	8.5
[illegible]	.0	.0	.0	.0	.0	.0	TRACE	9.0
[illegible]	.0	.0	.0	.0	.0	.0	12.6	23.6
[illegible]	.0	.0	.0	.0	.0	1.0	1.6	9.9
								5.0*

[illegible]	.0	.0	.0	.0	.0	.0	.0	.3
[illegible]	.0	.0	.0	.0	TRACE	6.3	12.6	26.0
[illegible]	.0	.0	.0	.0	TRACE	.5	1.0	9.5
[illegible]	.0	.0	.0	.0	.0	TRACE	.2	7.3
.000	.000	.000	.000	.000	.000	1.232	3.128	6.340
992	1290	1302	1302	1290	1333	1290	1333	15560

[illegible] 01/67

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

OPERATING LOCATION [illegible]
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS [illegible]
FROM SUMMARY OF DAY DATA

STATION NUMBER: [illegible] STATION NAME: TINKER AFB OK
LST TO UTC: +06

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
47	TRACE	.08						
47	4.2	TRACE	.2	.0	.0	.0	.0	.0
4-	3.7	.0	7.0	.0	.0	.0	.0	.0
49	3.4	.1	TRACE	TRACE	.0	.0	.0	.0
50	.0	TRACE	TRACE	.0	.0	.0	.0	.0
51	2.1	2.0	TRACE	TRACE	.0	.0	.0	.0
52	2.1	2.0	TRACE	.0	.0	.0	.0	.0
53	1.0	TRACE	TRACE	.0	.0	.0	.0	.0
54	3.4	.0	1.2	.0	.0	.0	.0	.0
55	3.0	.2	1.7	.0	.0	.0	.0	.0
56	.1	1.0	TRACE	.1	.0	.0	.0	.0
57	.1	TRACE	TRACE	.2	.0	.0	.0	.0
58	3.4	1.1	5.1	.0	.0	.0	.0	.0
59	2.0	1.1	1.0	.0	.0	.0	.0	.0
60	.1	1.0	1.4	.0	.0	.0	.0	.0
61	.0	.1	TRACE	.1	.0	.0	.0	.0
62	1.0	.1	.0	.0	.0	.0	.0	.0
63	TRACE	2.0	.1	.0	.0	.0	.0	.0
64	TRACE	TRACE	2.7	.0	.0	.0	.0	.0
65	4.0	1.0	.4	.0	.0	.0	.0	.0
66	2.0	2.0	.0	.0	.0	.0	.0	.0
67	TRACE	TRACE	1.0	.0	.0	.0	.0	.0
68	.0	2.7	1.7	.0	.0	.0	.0	.0
69	TRACE	1.4	3.4	.0	.0	.0	.0	.0
70	1.0	TRACE	1.0	1.0	.0	.0	.0	.0
71	TRACE	2.5	.0	.0	.0	.0	.0	.0
72	TRACE	2.7	.0	.0	.0	.0	.0	.0
73	4.4	TRACE	.0	TRACE	.0	.0	.0	.0
74	.4	TRACE	.2	.0	.0	.0	.0	.0
75	TRACE	1.0	TRACE	TRACE	.0	.0	.0	.0
76	TRACE	.4	.0	.0	.0	.0	.0	.0
77	2.0	1.1	.0	.0	.0	.0	.0	.0
7-	2.0	2.0	TRACE	.0	.0	.0	.0	.0
79	.0	.0	.0	.0	.0	.0	.0	.0
80	TRACE	1.0	TRACE	.0	.0	.0	.0	.0

DAILY SNOWFALL AMOUNTS IN INCHES
SUMMARY OF DAY DATA

PERIOD OF RECORD: 4601-3302
MONTH: ALL HOURS: ALL

DY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
				.0	.0	.0	TRACE	TRACE*
	.0	.0	.0	.0	.0	.0	.1	4.2
	.0	.0	.0	.0	.0	.1	TRACE	7.2
	.0	.0	.0	.0	.0	.0	.0	6.4
	.0	.0	.0	.0	.0	2.1	.3	4.8
	.0	.0	.0	.0	.0	2.0	TRACE	2.6
	.0	.0	.0	.0	.0	TRACE	TRACE	2.1
	.0	.0	.0	.0	.0	TRACE	TRACE	1.8
	.0	.0	.0	.0	.0	.0	5.0	5.0
	.0	.0	.0	.0	.0	1.1	TRACE	2.8
	.0	.0	.0	.0	.0	.0	2.3	2.3
	.0	.0	.0	.0	TRACE	TRACE	.0	.2
	.0	.0	.0	.0	.0	1.2	4.2	5.0
	.0	.0	.0	.0	.0	TRACE	TRACE	2.0
	.0	.0	.0	.0	.0	.0	2.0	5.1
	.0	.0	.0	.0	.0	.0	TRACE	5.1
	.0	.0	.0	.0	.0	TRACE	1.5	1.5
	.0	.0	.0	.0	.0	.0	2.0	2.0
	.0	.0	.0	.0	.0	.0	TRACE	2.7
	.0	.0	.0	.0	.0	.0	TRACE	4.3
	.0	.0	.0	.0	.0	.0	TRACE	3.0
	.0	.0	.0	.0	TRACE	.6	.4	1.0
	.0	.0	.0	.0	.2	TRACE	.2	3.7
	.0	.0	.0	.0	.0	.0	5.0	5.0
	.0	.0	.0	.0	.0	TRACE	.0	1.0
	.0	.0	.0	.0	.0	.2	5.3	5.5
	.0	.0	.0	.0	.0	4.6	1.2	4.6
	.0	.0	.0	.0	.0	.0	.2	4.6
	.0	.0	.0	.0	.0	1.0	3.0	3.0
	.0	.0	.0	.0	.0	TRACE	2.7	2.7
	.0	.0	.0	.0	.0	TRACE	TRACE	.4
	.0	.0	.0	.0	.0	TRACE	.0	2.5
	.0	.0	.0	.0	.0	.0	3.0	6.0
	.0	.0	.0	.0	.0	TRACE	TRACE	6.9
	.0	.0	.0	.0	.0	4.7	.0	4.7

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN I
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: +06

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
81	TRACE	.5	.0	.0	.0	.0	.0	.0
82	1.0	1.2	2.0	.0	.0	.0	.0	.0
83	3.0	4.0	TRACE	.0	.0	.0	.0	.0
84	1.0	.0	TRACE	.0	.0	.0	.0	.0
85	1.0	4.0	.0	.0	.0	.0	.0	.0
86	.0	0.0	TRACE	.0	.0	.0	.0	.0
87	1.0	.0	TRACE	.0	.0	.0	.0	.0
88	3.0	TRACE	.3	.0	.0	.0	.0	.0
89	3.0	TRACE						
GREATEST	3.0	6.0	6.7	1.0	.0	.0	.0	.0
TOTAL YRS	1304	1222	1302	1260	1302	1260	1302	1302

THE GREATEST VALUE OF 10.2 OCCURRED ON 12/14/87

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

THE DAILY SNOWFALL AMOUNTS IN INCHES
...UM SUMMARY OF DAY DATA

AFB JK

PERIOD OF RECORD: 4601-8902
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.0	.0	.0	.0	.0	.0	.0	TRACE	.5
.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.0
.0	.0	.0	.0	.0	.0	TRACE	1.0	4.0
.0	.0	.0	.0	.0	.0	TRACE	3.9	3.9
.0	.0	.0	.0	.0	.0	1.0	.3	4.0
.0	.0	.0	.0	.0	.0	.0	TRACE	5.0
.0	.0	.0	.0	.0	.0	.3	10.2	10.2
.0	.0	.0	.0	.0	.0	1.0	1.0	3.0
								3.0*
.0	.0	.0	.0	.0	TRACE	4.7	10.2	10.2
1302	1260	1302	1302	1290	1333	1290	1333	15560

RECORDED IN: 12/14/87

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

OPERATING LOCATION '4'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE, FROM SUMMARY OF DAY DATA

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: +06

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL
NONE	53.1	59.6	46.5	39.9	100.0	100.0	100.0
TRACE	4.2	4.2	1.3	.1			
1	3.7	3.1	.7				
2	2.7	1.3	.7				
3	2.5	1.1	.3				
4-6	2.4	1.5	.2				
7-12	.7	.2	.2				
13-24							
25-36							
37-48							
49-60							
61-120							
OVER 120							
DAYS WITH MEASURMTS	12.7	7.2	2.2				
TOTAL NO. OF OBSERVATIONS	1491	1305	1391	1350	1395	1350	1395

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

[illegible]

PERIOD OF RECORD: 4301-8902
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
100.0	100.0	100.0	100.0	100.0	100.0	98.2	93.4	96.6
						.8	2.9	1.1
						.3	1.7	.5
						.1	.8	.5
						.1	.3	.4
							.7	.4
							.2	.1
						1.0	3.7	2.3
1395	1350	1395	1395	1380	1426	1360	1422	16640

OPERATING LOCATION [illegible]
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK
LST TO UTC: +06

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	A
43	1	0	4	0	0	0	0	
44	7	6	0	0	0	0	0	
45	2	3	4	0	0	0	0	
46	TRACE	0*						
47	4	0	0	0	0	0		
48	1	1	7	0	0	0	0	
49	1	7	0	0	0	0	0	
50	4	TRACE	TRACE	0	0	0	0	
51	TRACE	0	0	0	0	0	0	
52	0	1	0	0	0	0	0	
53	0	0	0	0	0	0	0	
54	0	0	TRACE	0	0	0	0	
55	0	0	0	0	0	0	0	
56	TRACE	1	0	0	0	0	0	
57	TRACE	0	TRACE	TRACE	0	0	0	
58	0	1	0	0	0	0	0	
59	0	1	TRACE	0	0	0	0	
60	0	2	0	0	0	0	0	
61	TRACE	4	TRACE	0	0	0	0	
62	0	1	1	0	0	0	0	
63	TRACE	0	0	0	0	0	0	
64	0	0	0	0	0	0	0	
65	0	1	0	0	0	0	0	
66	0	0	0	0	0	0	0	
67	0	0	1	0	0	0	0	
68	0	0	7	0	0	0	0	
69	0	TRACE	0	0	0	0	0	
70	0	0	0	0	0	0	0	
71	0	4	1	0	0	0	0	
72	TRACE	3	0	0	0	0	0	
73	0	TRACE	0	0	0	0	0	
74	TRACE	0	1	0	0	0	0	
75	TRACE	1	TRACE	0	0	0	0	

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

PERIOD OF RECORD: 43[illegible]
MONTH: ALL HOURS: ALL

	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
									4
									7
									4
									TRACE*
									4
							1		7
								TRACE	9
								1	4
								TRACE	6
									3
									2
									[illegible]
								1	3
									2
									TRACE
							1		[illegible]
							TRACE		[illegible]
									[illegible]
								TRACE	4
									2
									[illegible]
									[illegible]
									[illegible]
									3
									1
							1	TRACE	7
								7	7
									[illegible]
							TRACE		4
							1	1	[illegible]
								1	[illegible]
							1		[illegible]
							TRACE	TRACE	1

OPERATIONAL CLIMATIC DATA
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS I
FROM SUMMARY OF DAY DATA

STATION NUM[illegible] STATION NAME: TINKER AFB OK
LST TO UTC: 006

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
76	T	T	T	0	0	0	0	0
77	1	T	2	2	0	0	0	0
78	1		1	2	0	0	0	0
79	1	7	2	2	0	0	0	0
80	1	3	T	1	0	0	0	0
81	1	1	1	2	0	0	0	0
82	1	1	T	2	0	0	0	0
83	1	3	1	3	0	0	0	0
84	1	T	1	2	0	0	0	0
85	1	1	2	1	0	0	0	0
86	1	1	1	2	0	0	0	0
87	1	1	1	2	0	0	0	0
88	T	T	T	1	0	0	0	0
89								

[illegible]	1	7	T	3	0	0	0	0

EXTREME	1981	1982	1983	1984	1985	1986	1987	1988

[illegible] OF VALID [illegible] 12 [illegible] 91/ 77

[illegible] MISS VALUE IS [illegible]

[illegible] DAILY SNOW DEPTH AMOUNTS IN INCHES
[illegible] SUMMARY OF DAY DATA

[illegible]

PERIOD OF RECORD: 4301-8902
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0	0	0	0	0	0	TRACE	0	TRACE
0	0	0	0	0	0	0	0	3
0	0	0	0	0	0	0	2	6
0	0	0	0	0	0	0	0	7
0	0	0	0	0	0	3	0	3
0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	1
0	0	0	0	1	0	0	2	3
0	0	0	0	0	0	0	4	4
0	0	0	0	0	0	0	4	4
0	0	0	0	0	0	0	0	4
0	0	0	0	0	0	1	0	9
0	0	0	0	0	0	1	1	12
								5*

0	0	0	0	0	3	0	12
[illegible]	1357	1395	1395	1380	1424	1390	1422	16640

[illegible] 01/07/[illegible]

[illegible] TRACE IS LESS THAN ONE-HALF OF THE DATA AVAILABLE FOR THE MONTH

[illegible] - 4 - 2

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723560 STATION NAME: TINKER AFB OK

SNOW-YR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL
42 - 43			MAR 05	
43 - 44			JAN 07	
44 - 45			FEB 16	
45 - 46	JAN 17			JAN 31
46 - 47	DEC 30	JAN 02	JAN 04	MAR 14
47 - 48	DEC 31	DEC 31	JAN 01	MAR 11
48 - 49	NOV 29	NOV 19	NOV 21	MAR 02
49 - 50	[illegible]	DEC 04	JAN 04	MAR 17
50 - 51	NOV 03	NOV 03	DEC 04	MAR 31
51 - 52	NOV 21	NOV 21	NOV 22	MAR 24
52 - 53	[illegible] 25	JAN 15	JAN 17	[illegible]
53 - 54	NOV 06	JAN 13	JAN 11	MAR 03
54 - 55	DEC 12	DEC 12	DEC 29	[illegible]
55 - 56	NOV 30	NOV 30	DEC 01	MAR 17
56 - 57	NOV 07	DEC 04	DEC 09	MAR 15
57 - 58	OCT 26	JAN 20	JAN 21	MAR 17
58 - 59	NOV 27	NOV 27	NOV 27	MAR 21
59 - 60	[illegible]	JAN 06	JAN 08	MAR 17
60 - 61	DEC 06	DEC 10	DEC 11	MAR 31
61 - 62	[illegible]	JAN 25	JAN [illegible]	[illegible]
62 - 63	[illegible] 17	DEC 24		[illegible]
63 - 64	DEC 11	DEC 11	DEC 13	MAR 26
64 - 65	[illegible]	JAN 09	JAN 10	[illegible]
65 - 66	DEC 24	JAN 19	JAN 27	[illegible]
66 - 67	DEC 09	MAR 06	MAR 06	APR 07
67 - 68	OCT 30	NOV 02	FEB 13	MAR [illegible]
68 - 69	NOV 25	DEC 27	NOV 25	MAR 24
69 - 70	[illegible]	DEC 23	DEC 23	MAR [illegible]
70 - 71	NOV 14	FEB 07	FEB 20	[illegible]

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

...A ...K

PERIOD OF RECORD: 4301-9902
SNOW-YEAR: 1 AUG - 31 JUL

FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
MAR 05			MAR 07
JAN 03			FEB 04
FEB 15			MAR 02
	JAN 21		
JAN 02	MAR 14	MAR 14	JAN 03
JAN 01	MAR 11	MAR 10	MAR 13
NOV 21	APR 02	FEB 14	FEB 03
JAN 04	MAR 12	JAN 03	JAN 05
DEC 05	APR 01	FEB 16	FEB 17
NOV 02	MAR 26	FEB 25	FEB 25
JAN 17	MAR 03	JAN 23	JAN 23
JAN 11	MAR 30	MAR 04	JAN 23
DEC 29	MAR 25	MAR 21	MAR 22
DEC 01	MAR 15	FEB 10	FEB 05
DEC 09	APR 12	APR 12	DEC 11
JAN 21	MAR 17	MAR 12	MAR 14
NOV 29	MAR 21	MAR 05	FEB 02
JAN 05	MAR 17	MAR 17	MAR 03
DEC 11	MAR 31	FEB 07	FEB 14
JAN 06	FEB 28	FEB 27	MAR 01
	FEB 28	FEB 28	
DEC 12	MAR 25	MAR 09	DEC 23
JAN 10	MAR 30	MAR 25	FEB 24
JAN 20	FEB 21	FEB 21	FEB 23
MAR 05	MAR 07	MAR 07	MAR 05
FEB 13	MAR 22	MAR 22	MAR 13
NOV 28	MAR 24	MAR 14	MAR 15
DEC 28	APR 04	APR 04	JAN 21
FEB 22	MAR 02	MAR 02	MAR 03

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE, NC

FIRST AND LAST DAYS OF OCCURRENCE BY
FROM SUMMARY OF DAILY DATA

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL
71 - 72	NOV 22	NOV 23	DEC 03	FEB 12
72 - 73	NOV 17	NOV 18	NOV 19	APR 09
73 - 74	DEC 06	DEC 19	DEC 20	MAR 31
74 - 75	NOV 29	NOV 29	NOV 30	APR [illegible]
75 - 76	NOV 25	DEC 24		[illegible]
76 - 77	NOV 11	JAN 06	JAN 06	[illegible]
77 - 78	NOV 09	JAN 11	JAN 12	MAR [illegible]
78 - 79	DEC 27	DEC 31	DEC 31	[illegible]
79 - 80	NOV 27	[illegible]	[illegible]	[illegible]
80 - 81	NOV 14	NOV 17	NOV 17	[illegible]
81 - 82	[illegible]	JAN 30	JAN 31	[illegible]
82 - 83	[illegible]	JAN 18	JAN 22	[illegible]
83 - 84	NOV 23	DEC 19	DEC [illegible]	[illegible]
84 - 85	NOV 27	DEC 04	[illegible]	[illegible]
85 - [illegible]	[illegible]	NOV 30	DEC 01	[illegible]
86 - 87	DEC 01	JAN 19	JAN 19	[illegible]
87 - [illegible]	NOV 18	NOV 18	NOV 19	[illegible]
[illegible]	NOV 19	NOV 30	NOV [illegible]	[illegible]
MEDIAN DATE	NOV 25	DEC 24	DEC 31	[illegible]

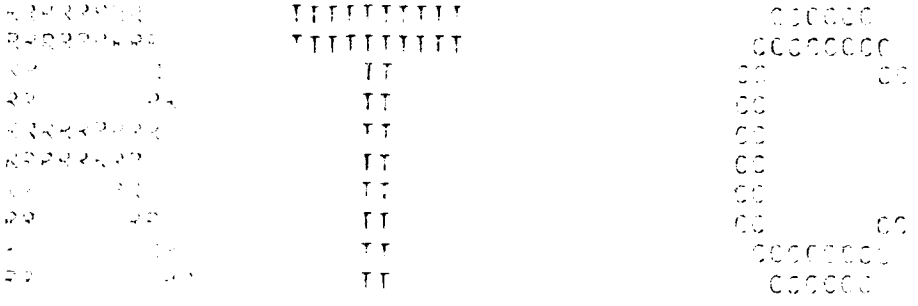
T AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

[illegible] AFB JK

PERIOD OF RECORD: 4301-3902
SNOW-YEAR: 1 AUG - 31 JUL

FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
DEC 03	FEB 12	FEB 11	FEB 13
NOV 19	APR 08	JAN 07	JAN 15
DEC 20	MAR 23	MAR 20	MAR 21
NOV 30	APR 02	FEB 16	FEB 20
	FEB 05	FEB 05	
JAN 06	FEB 25	FEB 26	JAN 12
JAN 12	MAR 08	FEB 20	FEB 22
DEC 31	FEB 17	FEB 06	FEB 11
FEB 3[illegible]	MAR 02	FEB 04	FEB 10
NOV 17	DEC 1[illegible]	FEB 10	FEB 11
JAN 31	MAR 27	MAR 27	FEB 12
JAN 22	MAR 23	FEB 04	FEB 06
DEC 20	MAR 1[illegible]	FEB 25	JAN 23
DEC 06	FEB 24	FEB 24	FEB [illegible]
DEC 01	MAR 21	FEB 13	FEB 13
JAN 1[illegible]	MAR 29	FEB 17	FEB 17
NOV 1[illegible]	MAR 17	MAR 06	JAN 13
NOV 2[illegible]	FEB 27	JAN 14	JAN 17
DEC 31	MAR 17	FEB 26	FEB 11

[illegible] - 5 - 1[illegible]



PART C

SURFACE WIND SUMMARIES

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

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.
ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED
YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE
EXCLUDE CALM WINDS. IF THE PEAK WIND IS REPORTED
AS "CALM," THAT COUNT GOES INTO THE "1-6 KT" GROUP
MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE
ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY

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

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

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT
FREQUENCY (PDF) FOR ELEVEN WIND SPEED GROUPS AND
DIRECTIONS GIVEN IN 30 DEGREE INCREMENTS. "CALM" WINDS
GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N, E, S,
TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH OF THE
BIVARIATE COUNTS, ARE PRINTED FOR EACH SUMMARY.

CEILING/VISIBILITY: A BIVARIATE DISTRIBUTION OF WIND DIRECT
FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THE CE

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2
THE CEILING MUST BE GREATER THAN OR EQUAL TO 100 FE
IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING C
WHEN THE CEILING IS GREATER THAN OR EQUAL TO 100 FE
OR GREATER THAN OR EQUAL TO 1/2 (0.50) STATUTE MILES) MUST B

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

PART C

SURFACE WIND SUMMARIES

...ES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS.
...T T... ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD
...1963, BUT IN JULY 1963, ALL STATIONS EXCEPT THOSE OF THE NATIONAL
...VICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA
...ED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD
... GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE
...ARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE
... RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES
... A MONTH FOR WHICH LESS THAN 80% OF THE DATA ARE AVAILABLE. AN
...LES DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

...CENT OCCURRENCE FREQUENCY.
... SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL
...ONTHS, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP
...ALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY
... THAT COUNT GOES INTO THE "1-4 KT" CATEGORY. TABLES INCLUDE
...ANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY
... PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

... VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.
... ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE
...TELLING:

...T 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

...ER (ALL YEARS AND ALL HOURS COMBINED).

... (ALL YEARS AND ALL HOURS COMBINED).

...VE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE
... (%OF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION
...S IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE
...TELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE.
...TAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OB-
...RVATIONS, ARE PRINTED BELOW EACH SUMMARY.

... A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED
...FOR CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

...VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (800 METERS)
... MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET.
...NDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED:
...CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST
... THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
JSAFFTAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FREQUENCY OF OCCURRENCE

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK
LST TO UTC: +06

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
47		28/ 33	5 50	SSE 54	ESE*49	25/ 42	*	5% 33
48	4% 31	33% 47	SW 37	SSE 49	SSE 32	25% 50	4% 35	3% 40
49	5 43	3 45	SSW 49	ESE 47	SE 56	SSE 47	3 46	33% 44
50	1 47	13% 47	SSW 36	SSE 52	ESE 42	4% 32	2 43	1 36
51	25% 33	3 45	WNW 54	SSE 57	WNW 44	11% 37	4% 41	14% 34
52	19% 46	7% 53	NNE 52	SSE 49	WNW 52	38% 42	1 43	33% 39
53	1 41	1 55	SSE 43	SSE 35	S 54	1 41	1 41	1 37
54	11% 42	13% 34	SSW 54	SSE 49	WNW 4	23% 31	4% 45	7% 44
55	1% 36%	1 43	S 43	SSW 55	SSE*43	3% 41	3% 43	1 45
56	1 37	*5% 1	37	SW 30	S 42	1 41	1 44	1 34
57	1 A**	3% 42	SSW 40	SSE 45	W** 34	1 43	1 43	1 34
58	W** 43	1 46	ESE 33	SSE 55	S 4	1 41	2** 33	1 45
59	1 38	1** 37	WNW 45	W** 42	1** 31	1 38	1 37	1 41
60	1 43	1 45	S 44	W** 43	1 47	1 41	1 43	1 34
61	1 34	1	33	SE 41	W** 42	SW 44	1** 42	1 39
62	41	1 31	1** 35	1 38	S 35	35 41	1 43	1 35
63	1**	1** 1**34	1**35	1 *40	W** *44	1 44	**1	1 **1
64	1 42	1 47	1 41	WNW 45	1SW 41	1 34	1** 33	1 41
65	1 44	1 46	1 44	NNE 40	SSE 47	1**43	1 44	1** **1
66	1** 42	1** 41	W** 43	SSW 32	SSW 41	1 33	1** 37	1 1
67	1 41	1 41	1 42	1 37	1 35	1 42	1 39	1 39
68	1 43	1 41	1 42	1 46	1 44	1 33	1 / 1	1** 1
69	36/ 41	1** 31	33/ 39	14/ 40	32/ 50	21/ 44	21/ 39	1 / 1
70	17/ 1	28/ 37	36/ 39	22/ 42	24/ 38	17/ 43	20/ 34	1 / 1
71	1** 1**	1** 41	32/ 44	22/ 44	36/ 45	21/ 42	21/ 1	1** 1
72	21/ 31	1** 42	36/ 45	33/ 55	25/ 36	15/ 32	1** 1	1** 1
73	1** 42	32/ 45	20/ 39	22/ 44	29/ 41	1** 47	1** 1	1** 1
74	1** 32	1** 37	1** 40	23/ 45	1 33/ 42	19/ 39	1** 1	1** 1
75	1** 40	1** 40	25/ 41	33/ 37	25/ 42	1** 47	1** 1	1** 1
76	1** 37	1** 47	31/ 41	19/ 36	21/ 39	1** 42	1** 1	1** 1
77	1** 1	1** 42	17/ 45	1** 1	1** 40	1** 40	1** 1	1** 1
78	1** 41	31/ 40	1** 36	17/ 50	24/ 42	1** 42	1** 41	1** 1
79	21/ 44	1** 42	33/ 45	22/ 42	17/ 41	1** 1	1** 1	1** 1
80	1** 44	1** 30	1** 1	1** 43	1** 34	1** 1	1** 1	1** 1

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

[illegible]: TINKER AFB OK
C: +06

PERIOD OF RECORD: 4702-6912
MONTH: ALL HOURS: ALL

APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
SSE 54	ESE*49	SSE 42	*	SE 33	SSE 49	W 35	NW 45	S 39	SSE*54
SSE 49	SSE 32	ESE 50	S 35	SE 30	SSE 38	SSE 44	WNW 49	SW 54	SW 37
SSE 47	SE 56	SSE 47	S 46	SSW 44	WNW 45	SSE 46	NW 39	W 50	SE 56
S 56	ESE 62	NW 52	SE 42	N 35	SE 34	SE 46	WNW 47	WNW 47	ESE 62
SSE 57	WNW 49	SSE 35	WNW 41	SW 34	NW 32	SSW 54	SSE 47	SSE 32	SSE 65
SSE 40	WNW 32	SSE 32	W 32	SSW 39	W 40	S 41	WNW 45	SSW 37	WNW 52
SSE 55	S 54	WSW 56	W 41	S 30	NW 43	SSE 35	SSE 41	SSE 43	S 53
SSE 49	WNW 43	SSE 41	WSW 45	WNW 44	SE 49	W 49	SSE 44	NNW 43	WNW 58
SSW 55	SSE*43	SSE 44	SSE 40	ENE 56	WNW*35	SSW*35	WNW 39	SSW 35	SSW*65
SW 50	S 49	W 41	SE 44	SW 37	SE 42	SSE 54	SSE 46	SE 43	S *57
SSE 45	WSW 54	WSW 47	SE 35	SSE 33	SW 30	SE 35	WNW 40	S 43	WSW*54
SSE 52	S 40	SW 43	SSW 72	ESE 36	W 39	SSE 34	ESE 54	S 31	SSW 72
SSW 42	WSW 72	E 36	S 37	WNW 31	W 36	S 32	NNW 42	NW 36	WSW 72
SE 53	W 47	W 36	SW 38	NE 34	SW 32	SSE 36	SSE 33	NW 40	ENE 63
SSW 42	NW 44	WSW 43	WNW 42	W 35	W 43	S *33	NW*39	NNW*44	NW *44
S 34	S 50	SE 40	E 29	S 25	SSW 36	NW *24	WNW 31	W 39	S *60
S *40	NW *44	E 44	*44	W *35	W *33	S 34	SSW*34	W 37	NW *44
SSW 41	WSW 42	S 34	WSW 33	E 31	S 33	WNW 35	S 31	S 41	E 51
SE 40	SSE 47	WNW*40	NW 34	SW *45	SSE*42	S *34	WSW 45	S *33	SSE*47
SSW 32	SSE 41	S 33	SSW 27	W 32	WNW 37	S 40	SSE 43	SSW 40	W *52
37	S 35	S 37	W 29	ESE 24	S 30	W 40	W 29	SW 42	SW 46
46	S 44	S 33	14/ 42	10/ 30	24/ 31	34/ 56	33/ 35	33/ 50	34/ 56
17/ 40	32/ 50	21/ 44	21/ 28	14/ 36	10/ 33	34/ 34	14/ 33	34/ 47	32/ 52
29/ 42	24/ 38	17/ 40	20/ 34	20/ 34	23/ 31	19/ 32	31/ 36	34/ 40	22/ 42
1/ 44	36/ 45	31/ 50	21/ 34	20/ 30	13/ 33	27/ 30	31/ 32	24/ 41	31/ 50
33/ 50	25/ 35	15/ 22	36/ 47	29/ 40	13/ 33	35/ 31	20/ 40	27/ 38	15/ 22
12/ 44	29/ 44	24/ 47	26/ 34	22/ 35	32/ 41	17/ 34	21/ 39	35/ 32	29/ 44
14/ 45	33/ 42	19/ 33	18/ 26	06/ 32	08/ 33	20/ 34	35/ 33	33/ 41	23/ 45
35/ 37	25/ 42	24/ 47	24/ 29	21/ 32	33/ 36	20/ 30	26/ 44	34/ 34	24/ 47
19/ 39	21/ 39	24/ 40	13/ 34	18/ 40	34/ 24	14/ 30	21/ 35	22/ 34	35/ 47
33/ 38	14/ 40	30/ 40	32/ 28	14/ 23	19/ 40	19/ 42	16/ 35	23/ 40	23/ 42
17/ 50	24/ 42	34/ 52	23/ 41	19/ 32	17/ 34	20/ 32	26/ 48	17/ 37	34/ 52
32/ 42	17/ 41	35/ 44	30/ 38	34/ 57	36/ 37	02/ 43	16/ 35	01/ 37	34/ 57
34/ 43	07/ 34	01/ 50	20/ 28	19/ 30	33/ 38	18/ 33	19/ 29	03/ 40	01/ 68

[illegible] LOCATION [illegible]
[illegible], [illegible]

PEAK SURFACE WINDS I+ KNOTS
[illegible] SUMMARY OF [illegible] DATA

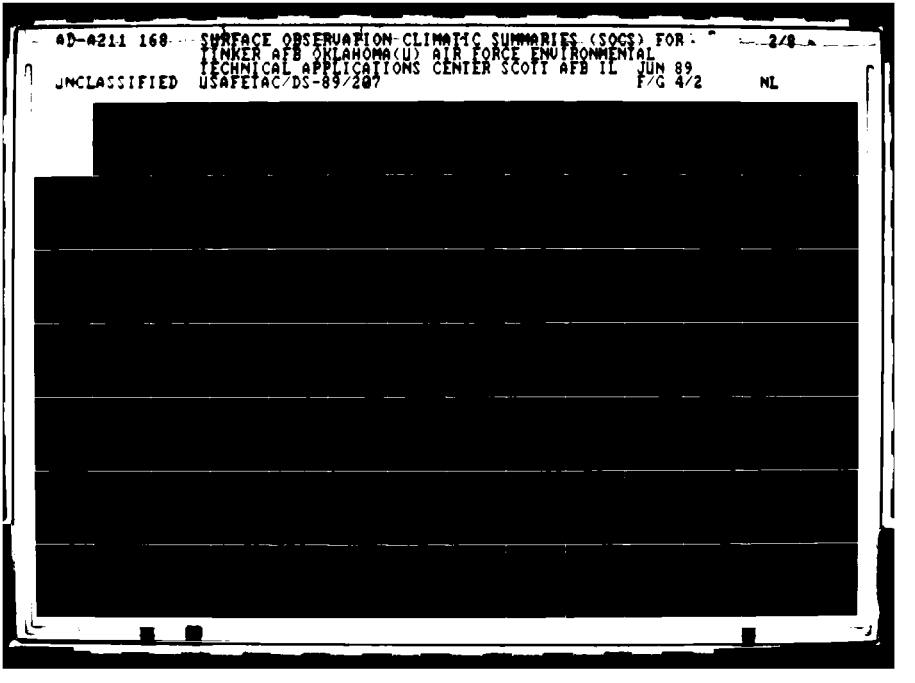
STATION NUMBER : 723540 STATION NAME: [illegible]
LST TO UTC: +05

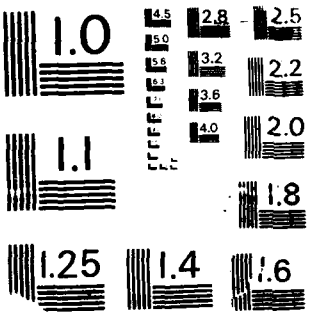
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
71	35/ 36	34/ 42	35/ 42	20/ 42	34/ 35	13/ 33	21/ 29	34/ 37	
72	27/ 41	14/ 34	13/ 36	27/ 32	17/ 42	20/ 47	34/ 43	21/ 41	1
73	32/ 35	32/ 35	24/ 32	35/ 43	26/ 37	13/ 43	34/ 53	14/ 35	
74	34/ 37	21/ 40	36/ 44	25/ 30	36/ 41	32/ 43	21/ 43	21/ 43	
75	28/ 41	31/ 41	31/ 41	35/ 42	25/ 37	31/ 3	25/ 42	31/ 34	
76	21/ 44	14/ 38	12/ 49	24/ 37	30/ 34	33/ 37	32/ 43	12/ 40	
77	14/ 3	32/ 41	23/ 41	32/ 33	14/ 32	14/ 3	34/ 43	14/ 34	
78	13/ 37	22/ 37	36/ 37	33/ 34	25/ 42	12/ 33	13/ 37	36/ 34	
79	34/ 3	31/ 45							

SEXTILE	35	32	33	34	37	35	35	37	
TOTAL OBS	1272	1232	1271	1248	1264	1252	1262	1	

THE [illegible] OF 37 FROM SW OCCURRED ON 08/22/79

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


AD-A211 168 SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR 2/3
TINKER AFB OKLAHOMA(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT AFB IL JUN 89
UNCLASSIFIED USAFETAC/DS-89/207 F/G 4/2 NL


1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
5.6

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

[illegible]: TINKER AFB OK
[illegible]: [illegible]

PERIOD OF RECORD: 4702-[illegible]
MONTH: ALL HOURS: ALL

	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
[illegible]	[illegible]/ 42	34/ 35	19/ 39	21/ 39	06/ 37	02/ 38	13/ 41	24/ 37	02/ 39	34/ 42
[illegible]	[illegible]/ [illegible]	17/ 42	20/ 47	34/ [illegible]	21/ [illegible]	13/ 36	19/ 39	30/ 40	14/ 38	27/ 52
[illegible]	[illegible]/ 43	26/ 38	18/ 43	34/ 53	16/ 35	34/ 52	20/ 38	30/ 51	35/ 38	34/ 53
[illegible]	[illegible]/ 50	06/ 41	38/ 43	21/ 23	01/ 43	22/ 37	26/ 45	34/ 42	01/ 42	26/ 50
[illegible]	[illegible]/ 42	25/ 37	01/ 38	35/ 32	01/ 34	30/ 41	19/ 38	18/ 37	34/ 35	36/ 42
[illegible]	[illegible]/ [illegible]	30/ 34	38/ 37	20/ 38	01/ 35	25/ 47	35/ 37	01/ 37	32/ 27	30/ 54
[illegible]	[illegible]/ 33	14/ 32	[illegible]/ 38	34/ 41	14/ 35	30/ 34	13/ 34	24/ 45	31/ 34	24/ 45
[illegible]	[illegible]/ 24	25/ 42	12/ 32	13/ 37	25/ 29	25/ 44	17/ 34	23/ 47	20/ 35	23/ 47
										23/*35

[illegible]	[illegible] WSW 74	15/ 72	SSW 70	W	62	NW	62	SSW 54	WSW 54	SW 54	SW 67

[illegible]	1243	1269	1239	1252	1285	1227	1263	1238	1285	15041

[illegible] SW OCCURRED ON 03/20/48

[illegible] A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
[illegible] WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION XXX
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY
FROM SUMMARY OF HOURLY DATA

STATION NUM : 72[illegible] STATION NAME: TINKER AFB OK
CST TO UTC: +06

MONTH	CAL	5-9	10-14	15-19	20-24	25-29	30-34	35-39	
			WIND SPEEDS IN KNOTS						
JAN	.	1.7	14.3	22.3	25.0	16.7	1[illegible].3	4.3	
FEB	.	.7	15.2	21.7	24.4	17.2	12.3	7.5	
MAR	.	.3	9.1	14.5	22.3	1[illegible].4	17.5	12.7	
APR	.	.4	9.9	14.9	23.2	20.3	14.3	11.2	
MAY	.1	.4	11.3	20.3	22.2	1[illegible].9	13.1	7.9	
JUN	.	.3	12.3	22.5	23.3	15.1	12.1	7.7	
JUL	.	1.2	15.3	3[illegible].3	2[illegible].3	12.3	7.4	4.7	
AUG	.	1.2	17.7	3[illegible].2	2[illegible].6	1[illegible].6	7.1	4.3	
SEP	.1	2.2	1[illegible].2	2[illegible].2	24.7	1[illegible].2	[illegible].1	[illegible].1	
OCT	.	2.1	15.7	21.7	23.5	1[illegible].4	11.3	4.7	
NOV	.	1.1	12.5	21.7	23.3	2[illegible].3	12.1	[illegible].4	
DEC	.	2.2	13.4	23.9	22.3	1[illegible].3	1[illegible].4	[illegible].3	
ANNUAL	.	1.2	12.[illegible]	22.3	24.3	1[illegible].1	11.4	[illegible].1	

FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS
FROM SUMMARY OF DAY DATA

AFB

PERIOD OF RECORD: 4702-5302
MONTH: ALL HOURS: ALL

WIND SPEEDS IN KNOTS							MEAN WIND	MEDIAN WIND	TOTAL OBS
20-24	25-29	30-34	35-39	40-49	50-54	55			
25.0	16.7	10.3	4.3	3.7	.1	.0	23.2	22.0	1272
24.4	17.2	12.3	7.5	5.1	.3	.0	24.3	23.0	1198
22.5	18.4	17.5	12.5	7.3	.6	.2	27.0	25.0	1270
23.2	20.3	16.2	12.5	10.1	1.3	.1	27.3	25.0	1243
22.2	18.4	12.1	7.5	6.7	.3	.1	24.7	23.0	1269
23.3	16.1	12.1	6.7	4.7	.7	.2	23.6	23.0	1239
23.0	12.3	7.4	3.7	1.9	.4	.1	21.1	20.0	1252
23.0	12.7	8.1	3.0	.8	.4	.0	20.9	20.0	1265
24.7	15.2	9.3	2.9	1.7	.2	.0	21.9	21.0	1227
25.5	16.4	11.3	4.2	1.7	.3	.0	22.1	21.0	1263
24.3	20.3	12.1	6.8	3.2	.2	.0	23.3	23.0	1255
23.9	18.9	12.4	5.3	3.6	.3	.0	23.3	23.0	1245
24.4	16.9	11.4	6.3	4.2	.5	.1	23.5	22.0	15041

OPERATING LOCATION MAW [illegible] PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND [illegible]
USAFETAC, ASHEVILLE NC [illegible] FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK [illegible]
LST TO UTC: + 6 MONTH: [illegible]

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	[illegible]	[illegible]	[illegible]
(N) 350-010	[illegible]	7.7	5.2	2.9	1.0					
020-040	1.7	3.3	2.6	.8	.3		.1			
050-070	1.1	[illegible].4	.3							
(E) 080-100	1.[illegible]	.6								
110-130	1.[illegible]	1.[illegible]								
140-160	1.	1.[illegible]	.	.2						
(S) 170-190	1.	[illegible]	[illegible]	2.[illegible]	.4					
200-220	[illegible].1	[illegible]	[illegible]	.9	.1					
230-250	.	1.[illegible]	.3							
(W) 260-280	1.[illegible]	.3								
290-310	1.[illegible]	.4	.							
320-340	[illegible].4	2.2	1.[illegible]	.4						
VARIABLE										
CALM	//////////									
TOTALS	2[illegible].1	3[illegible]	2[illegible].7	[illegible].1	1.		.1			

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

[illegible] AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JAN HOURS: 00-02

WIND SPEED IN KNOTS							TOTAL %	MEAN WIND	MEDIAN WIND
1.7							19.7	9.7	[illegible]
.3	.1						3.5	9.3	8.0
							4.6	[illegible]	[illegible]
							2.0	3.3	3.0
							3.2	4.7	4.5
							[illegible]	[illegible]	[illegible]
.4							17.[illegible]	10.1	10.0
.1							14.5	7.4	[illegible]
							2.[illegible]	[illegible]	[illegible]
							1.[illegible]	4.1	4.0
							3.7	4.5	3.0
							[illegible]	[illegible]	[illegible]
//							11.5	//////////	
1.[illegible]	.1						100.0	7.1	7.0

[illegible] OF OBSERVATIONS 930

OPERATIONAL CLIMATIC DATA — PERCENTAGE FREQUENCY OF OCCURRENCE, SURFACE WIND
USAFETAC, AFGWC, ASHEVILLE, NC — FROM 4,004 OBS (WBAN)

STATION NUMBER: 72306 — STATION NAME: TINKER AFB, OK — PERIOD:
LST TO UTC: +6 — YEARS:

DIRECTION (TOWARD)	WIND SPEED IN KNOTS									
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-45	
(1) 350-010	1.2	4.0	7.3	3.1	.3	.1				
020-040	1.3	3.4	2.4	1.1	.3					
050-070	.7	1.3	.4							
(2) 080-100	1.7	.4								
110-130	1.7	1.4	.3							
140-160	1.3	1.3	.4	.1						
(3) 170-190	2.4	5.3	5.7	2.3	.5					
200-220	4.3	5.1	3.2	1.0						
230-250	1.4	1.7	.5							
(4) 260-280	.3	1.4	.2	.1						
290-310	1.1	.7	.1							
320-340	2.7	3.4	1.3	.4	.1					
VARIABLE										
CALM	//									
TOTALS	24.3	34.7	21.4	8.3	1.2	.1				

TOTAL NUMBER OF OBSERVATIONS

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

...   PERIOD OF RECORD: MAR 73 - FEB 83
MONTH: JAN HOURS: 03-05

SPEED IN KNOTS									
25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						21.7	9.5	9.0
						5.7	9.3	9.0
						3.2	6.9	7.0
						2.2	3.5	3.0
						3.5	4.-	4.0
						4.3	5.4	4.0
						17.1	10.0	10.0
						14.1	7.3	6.0
						3.4	5.3	7.0
						2.6	6.2	6.0
						3.3	4.1	3.0
						5.-	7.2	6.0
//////////	//////////	//////////	//////////	//////////	//////////	5.9	//////////	//////////
						100.0	7.3	7.0

...SERVATIONS ...

OPERATING LOCATION: [illegible]
USA-[illegible], ASHEVILLE [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIN
FROM JULY [illegible] OBSERVATIONS

STATION NUMBER: 72[illegible] 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	40-44
(1) 350-014	[illegible]	7.6	3.6	3.3	.2	.1			
015-049	.[illegible]	2.[illegible]	2.4	.3	.3				
050-[illegible]	.[illegible]	1.7	.[illegible]						
(3) [illegible]	1.1	.[illegible]							
110-139	1.[illegible]	2.[illegible]							
140-[illegible]	1.[illegible]	2.[illegible]	.4						
(5) 170-199	[illegible].4	5.1	[illegible].[illegible]	1.7	.2	.1			
200-[illegible]	[illegible].[illegible]	7.[illegible]	2.4	.[illegible]	.1				
230-[illegible]	1.[illegible]	[illegible].[illegible]	.[illegible]						
(7) 260-[illegible]	1.1	1.[illegible]	.1						
[illegible]-319	1.[illegible]	.[illegible]	.[illegible]	.1	.1				
320-[illegible]	[illegible].[illegible]	[illegible].3	[illegible].7	.2					
VARIABLE									
CALM	//								
TOTALS	[illegible].1	[illegible].3	[illegible].[illegible]	7.[illegible]	.[illegible]	.2			

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

[illegible] PERIOD OF RECORD: MAR 79 - FEB 83
MONTH: JAN HOURS: 06-09

WIND SPEED IN KNOTS 1-24	25-29	30-34	35-39	40-49	50-64	65-99	TOTAL %	MEAN WIND	MEDIAN WIND
.2	.1						22.4	9.9	10.0
.3							5.6	9.4	9.0
							2.6	7.1	7.0
							1.9	4.6	4.0
							3.3	5.1	5.0
							3.7	5.2	5.0
.3	.1						14.9	10.2	10.0
.1							14.5	7.3	6.0
							4.4	5.3	5.0
							3.1	5.4	6.0
.1							2.5	5.9	4.0
							9.2	7.4	7.0
//							4.2	//////////	
.4	.2						100.0	7.6	7.0

NO. OF OBSERVATIONS 930

OPERATING LOCATION MAW PERCENTAGE FREQUENCY OF [illegible] SURFACE WI[illegible]
USAFETAC, ASHEVILLE NC FROM 1 JULY [illegible]

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK [illegible]
LST TO UTC: + 6 [illegible]

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	[illegible]	[illegible]
(N) 350-010	1.3	[illegible]	9.7	4.6	.5	.1			
020-040	.3	2.2	3.[illegible]	1.7	.1				
050-070	1.[illegible]	1.9	1.2	.1					
(E) 080-100	.[illegible]	1.1	.2						
110-130	.[illegible]	1.3	.2						
140-160	.[illegible]	1.[illegible]	1.3						
(S) 170-190	.[illegible]	4.1	[illegible]	3.[illegible]	.2				
200-220	1.[illegible]	4.1	7.4	2.4	.[illegible]	.2			
230-250	.	3.4	1.4	.3	.1				
(W) 260-280	.[illegible]	1.4	.2						
290-310	.[illegible]	1.2	.[illegible]	.1					
320-340	1.	4.[illegible]	3.1	.[illegible]	.4	.1			
VARIABLE									
CALM	//////////								
TOTALS	12.7	33.5	32.7	13.5	2.6	.4			

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JAN HOURS: 00-11

DIR	WIND SPEED IN KNOTS						TOTAL %	MEAN WIND	MEDIAN WIND
	1-3	4-6	7-10	11-16	17-21	22-99			
01							23.0	10.8	10.0
02							9.4	10.9	10.0
03							4.3	7.1	7.5
04							1.3	6.3	6.3
05							2.3	6.3	6.0
06							3.4	7.3	8.0
07							15.1	11.7	11.3
08							14.7	10.7	10.0
09							5.1	5.3	5.0
10							3.3	6.1	6.3
11							1.3	7.1	7.3
12							10.3	8.3	7.0
//////							4.3	//////////	
36							100.0	9.3	10.3

OBSERVATIONS 993

OPERATING LOCATION [illegible]
USAFETAC, [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE [illegible]

STATION [illegible] : 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	[illegible]	[illegible]
					WIND SPEED IN KNOTS				
(N) 350-010	[illegible]	[illegible]	12.?	3.4	.9				
020-040	1.?	?.7	2.7	2.2		.1			
050-070	.	1.?	.?	.3					
(E) 080-100	.?	1.?	.?						
110-130	.?	.?	.?						
140-160	.	1.?	.?	.1					
(S) 170-190	.?	[illegible]	[illegible]	2.2	1.1				
200-220	.?	[illegible]	[illegible]	[illegible]	1.?	.?			
230-250	1.?	1.?	.?	1.?	.?	.1			
(W) 260-280	.	[illegible]	1.?	.1					
290-310	1.?	.?	.1						
320-340	.	?.7	[illegible]	1.?	.?				

[illegible]

CALM	//

TOTALS	1?.?	[illegible]	?5.6	14.?	4.?	.?

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

[illegible] AFB, AK PERIOD OF RECORD: 442 79 - FEB 83
MONTH: JAN HOURS: 12-14

WIND SPEED IN KNOTS							TOTAL	MEAN	MEDIAN
1-3	4-6	7-10	11-16	17-21	22-27	GE 28	%	WIND	WIND
.9							23.9	10.5	10.5
	.1						10.1	9.9	9.0
							8.9	7.9	.0
							2.2	7.3	8.0
							1.1	7.7	8.0
							3.4	8.1	7.0
1.1							13.2	11.7	12.0
1.2	.4						14.7	12.6	12.0
.7	.1						7.4	10.9	11.0
							4.3	8.1	8.0
							3.0	6.5	4.0
.9							10.9	9.9	8.0
//////////							2.4	//////////	
4.0	.0						100.0	10.1	10.0

NO. OF OBSERVATIONS 283

OPERATING LOCATION: MAW
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723140

STATION NAME: TINKER AFB OK

LST TO UTC: + 6

DIRECTION (0=N 090=E)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-47
(4) 350-01	2.1	4.2	8.5	3.1	1.0				
020-34	.2	3.4	2.5	1.5	.5	.2			
040-07	1.4	1.5	.2						
(5) 060-12	1.1	1.1	.2						
110-14	.4	1.2	.5	.1					
140-16	.4	1.8	.4	.1					
(6) 170-19	.5	4.1	5.2	3.2	.4				
200-22	1.1	3.4	6.2	2.4	1.0				
230-25	1.4	2.8	1.5	.4	.1				
(8) 260-28	1.4	1.4	1.2	.4	.1				
290-31	.4	1.0	.2	.4					
320-34	3.2	4.7	3.3	1.1	.2	.1			
VARIABLE									
CALM	//								
TOTALS	17.4	32.4	32.6	12.4	3.4	.3			

TOTAL NUMBER OF OBSERVATIONS 4924

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

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JAN HOURS: 15-17

SPEED IN KNOTS									
-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
							23.9	9.8	10.0
.5	.2						8.2	11.4	11.5
							3.9	6.6	6.5
							2.5	5.6	5.0
							2.0	6.9	7.0
							2.3	7.5	7.0
.9							15.1	11.4	12.0
1.0							13.7	11.6	11.0
.6							6.1	8.5	9.0
.3							4.7	8.1	8.0
							2.5	7.6	7.0
.9	.1						11.9	8.5	7.0
///							3.3	//////////	
.9	.3						100.0	9.4	10.0

OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIN
FROM HOURLY OBSERVATIONS

STATION NUM: 72[illegible] STATION NAME: TINKER AFB OK PERIO
LST TO UTC: + 6 MONTH:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	[illegible]	[illegible]	[illegible]	2.7	.3				
020-040	[illegible]	1.7	[illegible]	1.1		.3			
050-070	[illegible]	[illegible]	[illegible]						
(E) 080-100	[illegible]	1.2	.1						
110-130	[illegible]	[illegible]	.1	.1					
140-160	[illegible]	[illegible]	[illegible]	.1					
(S) 170-190	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
200-220	[illegible]	[illegible]	[illegible]	.2	.1				
230-250	1.	1.7							
(W) 260-280	1.	.4	.1						
290-310	[illegible]	.4	.4	.1					
320-340	[illegible]	[illegible]	[illegible]	.4	.1				
VARIABLE									
CALM	//								
TOTALS	[illegible]	33.2	29.7	5.5	1.5	.3			

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

[illegible] AFB AK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JAN HOURS: 18-20

WIND SPEED IN KNOTS									
[illegible]-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.5							24.6	3.5	3.0
	.3						9.6	9.2	8.0
							3.5	4.9	4.0
							4.1	3.9	3.0
							3.1	4.7	4.0
							2.5	5.9	5.0
.4							21.5	9.4	9.0
.1							9.4	5.9	5.5
							3.5	4.5	4.0
							2.7	3.5	3.0
							1.8	6.5	5.0
.1							5.9	5.5	5.0
//							9.0	//////////	
1.5	.3						100.0	7.0	7.0

[illegible] OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72364) STATION NAME: TINKER AFB OK
LST TO UTC: + 6

DIRECTION (TOWARD)	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	4.7	6.6	5.6	2.9	.3	.2			
020-040	1.7	3.1	2.4	1.0	.4	.2			
050-070	1.1	1.9	.5						
(E) 080-100	1.3	1.5							
110-130	2.3	.9	.1						
140-160	1.1	1.9	.5	.1	.1				
(S) 170-190	2.3	4.9	3.7	2.9	.6				
200-220	2.4	5.7	1.5	.4	.1				
230-250	1.2	1.1	.4						
(W) 260-280	1.5	1.1	.2	.1					
290-310	1.1	.4	.2	.3					
320-340	1.0	1.2	1.2	.1					
VARIABLE									
CALM	//								
TOTALS	24.1	38.1	23.7	8.0	1.5	.4			

TOTAL NUMBER OF OBSERVATIONS 492

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

[illegible] AK PERIOD OF RECORD: MAR 73 - FEB 83
MONTH: JAN HOURS: 21-23

WIND SPEED IN KNOTS									
1-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.3	.2						21.3	9.2	9.0
.4	.2						9.2	10.3	9.0
							4.4	5.3	5.0
							3.3	4.0	4.0
							3.2	4.3	4.0
.1							4.2	5.4	5.0
.							20.4	10.7	11.0
.1							10.4	7.4	6.0
							2.7	5.[illegible]	5.0
							3.0	5.0	4.0
							1.7	7.4	4.0
							4.1	5.7	6.0
//							11.9	//////////	
.	.4						100.0	7.3	7.0

OF OBSERVATIONS 930

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERIOD
MONTH: J

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	3.6	7.4	7.7	3.3	.6	.1			
020-040	1.4	3.0	2.7	1.2	.3	.1	.0		
050-070	1.0	1.3	.7	.1					
(E) 080-100	1.4	1.0	.1						
110-130	1.0	1.2	.2	.0					
140-160	1.0	1.6	.6	.1	.0				
(S) 170-190	1.0	6.2	7.0	2.7	.6	.0			
200-220	2.0	5.1	3.0	1.6	.4	.1			
230-250	1.3	2.0	.8	.3	.1	.0			
(W) 260-280	1.1	1.3	.4	.1	.0				
290-310	1.0	.7	.3	.1	.0				
320-340	2.0	3.2	2.1	.6	.0	.0			
VARIABLE									
CALM	//								
TOTALS	23.0	33.6	25.6	10.0	2.2	.3			

TOTAL NUMBER OF OBSERVATIONS 7440

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

AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JAN HOURS: ALL

WIND SPEED IN KNOTS									
1-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.6	.1						22.6	9.7	10.0
.3	.1	.0					8.7	8.9	9.0
							8.4	6.6	6.0
							7.5	4.7	4.0
							7.7	6.2	6.0
.3							8.3	6.7	6.0
.2	.0						17.2	10.6	10.0
.4	.1						13.4	9.1	9.0
.1	.0						4.6	7.6	7.0
.0							3.0	6.3	6.0
.1							2.3	4.9	4.0
.2	.0						3.4	8.0	7.0
//							7.6	//////////	
2.2	.3						100.0	8.2	8.0

OF OBSERVATIONS 7440

OPERATIONS LOCATION "A"
USAFSTAG, ASH VILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERIOD
MONTH:

CATEGORY A: CEILING OF 200 BUT LESS THAN 1500 FEET WITH VISIBILITY OF 1/2 TO
600/2400
VISIBILITY OF 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 M

DIRECTION	1-4	5-7	10-14	15-19	WIND SPEED IN KNOTS 20-24	25-29	30-34	35-39	40-49
(DEGREES)									
(N) 350-010	1.5	7.7	13.5	7.9	1.3	.1			
020-040	1.7	2.9	3.9	2.6	.4				
050-070	1.0	2.4	.7	.2					
(E) 080-100	.8	2.0	.2						
110-130	1.0	1.3	.1						
140-160	.7	2.8	1.2						
(S) 170-190	1.2	3.3	5.5	3.4	1.2	.1			
200-220	1.1	3.2	1.4	.7					
230-250	.7	.5	.1						
(W) 260-280	.5	.3	.1						
290-310	.4	.1	.1						
320-340	1.1	3.3	2.4	.3		.1			
VARIABLE									
CALM	//								
TOTALS	13.7	31.3	30.5	15.1	2.9	.3			

TOTAL NUMBER OF OBSERVATIONS 994

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

AFB, UK — PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JAN HOURS: ALL

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

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

WIND SPEED IN KNOTS

1-24	25-29	30-34	35-39	40-49	50-64	65 & UP	TOTAL %	MEAN WIND	MEDIAN WIND
1.3	.1						32.1	11.8	12.0
.*							11.5	11.3	12.0
							4.4	7.1	6.5
							5.0	4.3	5.0
							2.9	4.7	4.5
							4.5	7.4	7.0
1.2	.1						15.4	11.9	12.0
							5.3	8.4	8.0
							1.1	5.1	5.0
							1.0	4.9	4.0
							.6	5.7	4.0
	.1						7.8	8.3	8.0
//							5.6	//////////	
1.9	.3						100.0	9.4	10.0

OF OBSERVATIONS 964

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72340 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

DIRECTION (10'S 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	3.3	7.1	7.7	2.2	1.1	.2			
020-040	.3	7.1	2.7	.4	.1	.1			
050-070	.7	1.3	.2						
(E) 080-100	1.1	.7	.3						
110-130	1.3	2.2	.1						
140-160	1.4	2.7	.3						
(S) 170-190	1.7	1.4	1.2	2.1	.6				
200-220	3.1	4.2	2.1	.5	.4				
230-250	.4	1.1	.2	.1					
(W) 260-280	.7	.4							
290-310	.3	.4	.2	.4					
320-340	2.4	1.2	.7	.3	.7				
VARIABLE									
CALM	//								
TOTALS	19.1	34.3	23.1	5.3	2.2	.3			

TOTAL NUMBER OF OBSERVATIONS 649

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

PERIOD OF RECORD: MAR 79 - FEB 84
MONTH: FEB HOURS: 00-02

WIND SPEED IN KNOTS							TOTAL %	MEAN WIND	MEDIAN WIND
1-24	25-29	30-34	35-39	40-49	50-64	GE 65			
1.1	.2						21.6	10.1	10.0
.1	.1						11.3	8.2	7.0
							2.2	5.1	5.0
							2.2	5.5	5.0
							3.7	5.3	5.0
							3.7	7.7	5.0
.5							21.6	9.7	10.0
.4							11.1	8.1	7.0
							1.4	7.2	7.0
							1.1	3.7	4.0
							1.4	8.1	7.0
.7							5.4	8.3	8.0
//							3.0	//////////	
3.4	.3						100.0	7.7	7.0

OF OBSERVATIONS 349

OPERATING LOCATION MAW PERCENTAGE FREQUENCY OF OCCURRING SURFACE WI
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-4[illegible]
	WIND SPEED IN KNOTS								
(N) 350-010	[illegible]	[illegible]	7.	2.1	.7	.4			
020-040	1.[illegible]	4.[illegible]	3.7	.1	.1				
050-070	1.	1.[illegible]	.4						
(E) 080-100	1.[illegible]	.[illegible]	.4						
110-130	[illegible]	[illegible]	.[illegible]						
140-160	[illegible]	[illegible].7	.[illegible]	.[illegible]					
(S) 170-190	[illegible]	7.[illegible]	[illegible]	1.[illegible]	.[illegible]				
200-220	1.[illegible]	[illegible]	1.[illegible]	.[illegible]	.[illegible]				
230-250	.	1.[illegible]	.4						
(W) 260-280	.[illegible]	.[illegible]							
290-310	1.[illegible]	.7	.[illegible]	.1					
320-340	[illegible]	[illegible]	[illegible]	.[illegible]	.				
VARIABLE									
CALM	//////////								
TOTALS	[illegible]	[illegible].4	[illegible].4	5.[illegible]	2.7	.4			

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

[illegible] AFB, [illegible] PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: FEB HOURS: 03-05

WIND DIR	WIND SPEED IN KNOTS 20-24	25-29	30-34	35-39	40-49	50-54	55-65	TOTAL %	MEAN WIND	MEDIAN WIND
.1	.7	.4						19.9	10.0	10.0
.1	.1							10.5	5.2	5.0
								3.9	5.2	5.0
								1.9	5.5	4.0
								3.9	5.3	5.0
.1								3.5	5.7	5.0
.	.3							20.4	9.5	10.0
.	.5							9.7	8.7	8.0
								2.9	5.3	5.0
								1.1	5.3	5.0
.1								2.5	5.0	4.0
.	.							9.7	5.4	5.0
//////////								7.3	//////////	
.	2.7	.4						100.0	7.7	7.0

[illegible] OF OBSERVATIONS [illegible]49

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723-40 STATION NAME: TINKER AFB OK
LST TIME: + 6

DIRECTION (TOWARDS)	WIND SPEED IN KNOTS								
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-01	4.3	5.5	4.7	2.9	.4	.2			
02-04	3.3	3.4	4.3						
05-07	1.1	1.9	.4						
( ) 08-10	.1	.2	.7						
11-13	1.1	2.2	.4						
14-16	1.3	.4	.4						
(E) 17-19	1.1	.4	2.2	1.4					
20-22	.3	2.2	1.8	.4	.2				
23-25	.2	1.2	.8	.1					
( ) 26-28	.1	.4				.1			
29-31	.1	.4			.1				
32-34	3.3	2.6	2.2	1.2	.6	.1			
VARIABLE									
CALM	//								
TOTALS	21.1	34.2	28.2	6.6	2.1	.4			

TOTAL NUMBER OF OBSERVATIONS 494

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

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: FEB HOURS: 06-23

SPEED IN KNOTS							TOTAL %	MEAN WIND	MEDIAN WIND
-24	25-29	30-34	35-39	40-49	50-54	GE 55			
.4	.2						23.9	9.3	10.0
							10.0	7.9	8.0
							4.0	5.4	5.0
							1.9	5.0	5.0
							4.0	6.0	5.0
							4.1	6.0	6.0
							20.4	9.5	10.0
.9							10.4	8.0	6.0
							2.4	7.0	6.0
	.1						.9	7.[illegible]	4.5
.1							1.8	5.5	4.0
.9	.1						10.2	9.9	8.0
//							6.5	//////////	
.1	.4						100.0	8.0	8.0

[illegible] OBSERVATIONS 449

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	
(A) 350-010	3.4	5.9	6.1	4.0	2.0	.4				
020-040	1.2	2.8	4.6	.6						
050-070	.9	1.9	1.1	.1						
(B) 080-100	1.0	1.8	.4							
110-130	1.1	1.6	.6							
140-160	1.4	1.9	1.4							
(C) 170-190	1.6	4.9	5.4	3.3	.2					
200-220	.9	4.5	4.7	1.9	.7	.2				
230-250	1.1	2.1	.7	.2	.2					
(D) 260-280	.9	1.8	.	.1	.2					
290-310	.6	.6	.4	.1		.1				
320-340	.9	2.7	2.6	1.4	.9	.1				
VARIABLE										
CALM	//									
TOTALS	16.4	37.2	31.3	13.7	4.2	.4				

TOTAL NUMBER OF OBSERVATIONS 342

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

AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: FEB HOURS: 09-11

D SPEED IN KNOTS									
-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
9.0	.4						24.9	11.0	10.0
							9.2	9.6	10.0
							3.6	8.0	8.0
							3.7	5.6	5.0
							3.2	6.6	7.0
							4.1	7.2	8.0
.2							19.0	11.3	11.0
.7	.2						12.2	10.9	10.0
.3							4.4	8.1	8.0
.2							3.3	8.1	7.0
	.1						1.6	8.1	6.0
.3	.1						8.7	11.5	10.0
//////////							2.6	//////////	
.2	.3						100.0	9.8	10.0

OF OBSERVATIONS 349

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72356() STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 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	2.4	8.3	4.3	5.1	1.4	.2			
020-040	1.5	3.3	3.8	.2	.2	.1			
050-070	.2	.3	.7						
(E) 080-100	.2	1.2	.6						
110-130	.4	2.0	.7						
140-160	.4	1.4	.4						
(S) 170-190	.3	2.3	5.6	3.2	1.2				
200-220	.7	4.0	9.7	4.3	1.3				
230-250	.7	1.2	1.1	.2		.2			
(W) 260-280	2.1	1.5	.5	.1	.1				
290-310	1.6	1.5	.5	.1	.4	.1			
320-340	1.3	3.3	2.7	1.9	.2	.1			
VARIABLE									
CALM	//								
TOTALS	13.2	29.3	32.5	15.5	5.3	.7			

TOTAL NUMBER OF OBSERVATIONS 492

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

TINKER AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: FEB HOURS: 12-14

WIND SPEED IN KNOTS										
1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	GE 41	TOTAL %	MEAN WIND	MEDIAN WIND
.1	1.3	.2							23.6	11.8	12.0
.2	.2	.1							9.7	9.0	8.5
									1.2	7.5	6.0
									2.6	6.4	6.0
									3.5	6.3	6.0
									2.9	7.3	8.0
.2	1.2								14.5	12.2	12.0
.2	1.3								15.7	12.4	13.0
.2		.2							4.1	11.0	10.0
.1	.1								4.4	6.1	6.0
.1	.4	.1							4.1	8.1	6.0
.2	.2	.1							10.6	10.7	10.0
////	////	////	////	////	////	////	////	////	2.4	////////////	
.9	5.3	.7							100.0	10.3	10.0

NUMBER OF OBSERVATIONS 949

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO 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
(N) 350-010	3.2	4.1	3.7	5.3	1.5	.2			
020-040	1.3	3.2	3.1	1.3					
050-070	.4	.7	.4						
(E) 080-100	.3	1.5	.2						
110-130	.7	1.5	.4						
140-160	.1	2.2	.5						
(S) 170-190	.	4.4	6.4	3.4	.7				
200-220	1.1	3.1	6.2	2.5					
230-250	.7	.4	2.5	.4	.2				
(W) 260-280	1.1	1.9	.7		.2				
290-310	1.1	1.5	.4	.5		.1			
320-340	2.1	4.5	4.1	1.2	.1	.2			
VARIABLE									
CALM	//								
TOTALS	14.1	33.4	34.3	15.7	3.1	.3			

TOTAL NUMBER OF OBSERVATIONS 349

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

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: FEB HOURS: 15-17

SPEED IN KNOTS								
	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	.2						23.1	11.6	12.0
							9.5	9.6	10.0
							1.4	6.7	5.5
							2.9	5.9	6.0
							2.8	6.5	5.0
							3.3	7.1	8.0
							15.9	11.5	12.0
							13.2	10.5	10.5
							5.3	11.1	12.0
							4.0	7.5	7.0
	.1						3.9	8.3	6.0
	.2						12.7	9.3	9.0
							2.1	//////////	
	.3						100.0	9.0	10.0

OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 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	4.1	9.6	7.7	3.7	1.3	.2				
020-040	2.4	3.7	3.2	.7						
050-070	1.4	.9	.1							
(E) 080-100	1.4	.9	.4							
110-130	2.1	1.9	.2							
140-160	1.6	3.3	.6							
(S) 170-190	2.4	13.3	5.3	1.9	.1					
200-220	2.3	3.5	1.7	.1						
230-250	1.1	.7		.1						
(W) 260-280	.3	.2	.2	.2						
290-310	.1	.2		.1						
320-340	3.3	2.1	.3	.7	.4					
VARIABLE										
CALM	//									
TOTALS	27.7	37.3	21.5	7.5	1.8	.2				

TOTAL NUMBER OF OBSERVATIONS 1446

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

APR OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: FEB HOURS: 19-20

ND SPEED IN KNOTS 24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.3	.2						25.5	10.0	10.0
							9.9	7.9	8.0
							2.5	4.7	4.0
							2.7	5.3	4.0
							4.3	4.9	4.5
							5.3	5.5	6.0
.1							21.5	8.9	8.0
							8.2	6.3	6.0
							2.2	4.7	4.0
							1.7	6.3	4.0
							.3	5.7	4.0
.0							7.4	7.2	6.0
///							7.9	//////////	
.3	.2						100.0	7.4	8.0

OF OBSERVATIONS 946

OPERATING LOCATION: MAW
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO 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
(N) 350-010	4.3	5.5	7.2	2.5	1.3	.4			
020-040	3.3	4.3	2.7	.4	.1				
050-070	1.7	1.7	.5	.1					
(E) 080-100	2.3	.7	.2						
110-130	1.4	.3							
140-160	.9	.4	.4	.1					
(S) 170-190	1.7	3.2	7.4	3.4	.7				
200-220	1.1	3.3	2.1	.1	.1				
230-250	.4								
(W) 260-280	.3		.1						
290-310	.7	.1	.2	.2					
320-340	1.5	1.5	1.1	.4	.2	.1			
VARIABLE									
CALM	//								
TOTALS	23.5	34.3	22.9	7.2	2.5	.6			

TOTAL NUMBER OF OBSERVATIONS 445

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

[illegible] PERIOD OF RECORD: MAR 79 - FEB 80
MONTH: FEB HOURS: 21-23

SPEED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.4						22.8	9.6	9.0
						10.6	7.6	7.5
						3.9	5.6	5.0
						3.5	5.2	4.0
						4.4	4.4	4.0
						5.7	6.1	6.0
						22.7	9.9	10.0
						5.4	7.5	6.0
						.4	3.3	3.5
						.4	5.7	4.0
						1.3	5.5	3.0
.1						5.3	8.9	7.0
//						9.0	//////////	
.5						100.0	7.5	8.0

OBSERVATIONS 445

OPERATING LOCATION: NAW
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY CEILING AT
FROM JULY [illegible] VIS [illegible]

STATION NUMBER: 72364 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

CEILING (HUNDREDS OF FEET)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
(N) 350-Ø1[illegible]	.7	4.2	4.9	3.5	1.3	.3			
[illegible]	1.	4.2	2.9	.9	.1	.2			
[illegible]	1.1	1.3	.5	.2					
(S) [illegible]	1.2	1.3	.4						
[illegible]	1.4	1.3	.4						
[illegible]	1.1	2.1	.1	.1					
(S) 170-1[illegible]	1.2	7.1	7.4	2.1	.5				
[illegible]	1.1	4.3	4.3	1.3	.1	.			
[illegible]	.	1.1	.7	.1	.1	.			
(W) [illegible]	.1	.1	.1	.1	.1	.1			
[illegible]	.1	.1	.3	.2	.1	.1			
[illegible]	.2	2.7	2.1	1.2	.1	.1			
VARIABLE									
CALM	//								
TOTAL	11.1	35.9	27.5	9.7	3.3	.4			

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

STA # PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: FEB HOURS: ALL

DIR	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
..	..	..	..	..	..	..	..	..	..	..	..	..	23.2	10.5	10.0
..	..	..	..	..	..	..	..	..	..	..	..	..	10.1	7.5	7.0
..	..	..	..	..	..	..	..	..	..	..	..	..	3.9	6.9	6.0
..	..	..	..	..	..	..	..	..	..	..	..	..	2.7	6.2	6.0
..	..	..	..	..	..	..	..	..	..	..	..	..	3.7	6.6	6.0
..	..	..	..	..	..	..	..	..	..	..	..	..	4.0	6.8	6.0
..	..	..	..	..	..	..	..	..	..	..	..	..	19.4	10.2	10.0
..	..	..	..	..	..	..	..	..	..	..	..	..	11.2	7.5	7.0
..	..	..	..	..	..	..	..	..	..	..	..	..	4.2	6.9	6.0
..	..	..	..	..	..	..	..	..	..	..	..	..	2.1	6.3	6.0
..	..	..	..	..	..	..	..	..	..	..	..	..	2.1	7.4	6.0
..	..	..	..	..	..	..	..	..	..	..	..	..	2.4	4.8	4.0
////	////	////	////	////	////	////	////	////	////	////	////	////	6.3	////	////
..	..	..	..	..	..	..	..	..	..	..	..	..	100.0	8.5	8.0

NUMBER OF OBSERVATIONS 6745

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

STATION NUMBER: 723540   STATION NAME: TINKER AFB OK
LST TO UTC: + 6

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 3 MILES (4800

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) 360-010	4.1	7.7	15.7	7.3	2.3	1.1			
020-040	2.2	5.6	4.4	.7	.2	.2			
050-070	.3	1.2	.6						
(E) 080-100	.3	1.[illegible]	.4						
110-130	1.[illegible]	3.4	.2						
140-160	.7	2.9	.4	.1					
(S) 170-190	.7	3.9	5.4	2.1	.2				
200-220	1.1	1.1	2.1	1.1					
230-250	.2	.7							
(W) 260-280	.2			.1					
290-310	.2	.4		.2	.2	.1			
320-340	.5	2.9	1.4	1.7	1.4	.2			
VARIABLE									
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	12.7	31.7	32.7	13.3	4.3	1.6			

TOTAL NUMBER OF OBSERVATIONS 121[illegible]

...NCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
...M HOURLY OBSERVATIONS

...R

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: FEB HOURS: ALL

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

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

...ED IN KNOTS

...	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
...	1.1						39.1	11.8	12.0
	.2						13.2	7.7	8.0
							2.7	6.5	6.0
							2.5	7.0	7.0
							4.7	6.0	6.0
							4.1	7.1	7.0
							13.5	10.9	11.0
							5.4	10.2	11.5
							1.1	5.3	6.0
							.2	7.5	4.0
...	.1						1.1	12.1	6.0
...	.2						8.3	12.4	11.0
///////							3.7	///////	
...	1.5						100.0	10.0	10.0

...SERVATIONS 1219

OPERATING LOCATION NAM
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIN
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723840 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

DIRECTION (TO)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-43
(N) 350-013	4.4	4.2	4.3	1.9	1.2	.3			
020-043	2.3	1.3	.9	.3					
050-073	1.7	2.4	1.1	.1					
(E) 080-103	2.3	2.3	.7	.2					
110-133	3.3	3.1	.6	.1					
140-163	1.6	1.6	2.4	.6	.1				
(S) 170-193	3.3	7.2	13.3	5.2	.6				
200-223	1.3	2.3	2.6	1.5	.1				
230-253	.2	.3	.5	.6	.1				
(W) 260-283	.9	.1	.2	.3	.1				
290-313	1.2	.1	.2	.3	.6				
320-343	1.1	1.3	2.3	1.2	.1				
VARIABLE									
CALM	//								
TOTALS	24.3	29.9	29.2	12.2	3.6	.3			

TOTAL NUMBER OF OBSERVATIONS 239

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

[illegible] AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAR HOURS: 00-02

WIND SPEED IN KNOTS									
1-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.2	.3						16.3	9.7	8.0
							5.3	5.9	4.0
							5.2	6.4	6.0
							4.7	6.0	5.5
							7.7	5.6	5.0
.1							[illegible]	[illegible]	[illegible]
.9							25.6	10.9	10.0
.1							8.3	9.5	10.0
.2							1.[illegible]	11.7	13.0
.1							1.6	8.0	4.0
.9							2.6	10.9	11.5
.							7.2	11.2	12.0
//							7.4	//////////	
.9	.3						100.0	8.5	8.0

NO OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-47
(N) 350-010	3.2	4.3	4.9	2.4	1.1	.4	.1		
020-040	1.3	2.6	.9	.5					
050-070	1.	1.9	1.4	.1					
(E) 080-100	1.1	1.9	.5	.1					
110-130	2.9	3.5	.4	.1					
140-160	3.3	3.4	2.0	.4					
(S) 170-190	1.9	5.3	3.8	4.1	.8				
200-220	2.7	3.1	2.9	1.4	.4				
230-250	.2	.3	.5	.9	.1				
(W) 260-280	.5	.5	.3		.2				
290-310	1.3	.9	.5	.5	.5				
320-340	1.5	1.0	2.1	1.2	.5	.1			
VARIABLE									
CALM	//								
TOTALS	23.1	33.5	26.7	11.7	3.5	.9	.1		

TOTAL NUMBER OF OBSERVATIONS 34

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

TINKER AFB OK   PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAR   HOURS: 03-05

WIND SPEED IN KNOTS

20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.1	.4	.1					15.6	11.2	11.0
							5.3	7.6	6.0
							4.3	6.9	6.0
							4.2	6.3	6.0
							5.9	5.7	5.0
							9.2	6.9	6.0
.5							22.3	10.9	11.0
.4							9.9	9.5	9.0
.1							2.6	11.7	10.5
.2							1.5	9.2	7.5
.5							3.7	10.3	9.5
.6	.2						7.3	11.2	12.0
//////	//////	//////	//////	//////	//////	//////	8.3	//////	//////
3.5	.6	.1					100.0	8.7	9.0

NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

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	4.4	6.0	3.0	1.3	.1			
020-040	.2	1.5	.4	.1					
050-070	1.7	2.5	.2	.2					
(E) 080-100	1.0	2.3	1.4	.1					
110-130	2.9	2.2	.3						
140-160	1.6	4.0	1.9	.4					
(S) 170-190	1.7	6.4	10.2	3.3		.1			
200-220	1.1	4.7	2.4	1.4	.5				
230-250	.6	.6	1.0	1.1					
(W) 260-280	.1	.2	.4	.1					
290-310	1.2	1.1	.2	.6	.2				
320-340	1.4	1.6	2.8	1.0	.6	.3			
VARIABLE									
CALM	//								
TOTALS	17.3	31.2	29.1	12.2	2.9	.3			

TOTAL NUMBER OF OBSERVATIONS 939

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAR HOURS: 06-08

IN KNOTS						TOTAL %	MEAN WIND	MEDIAN WIND
						17.0	11.1	10.0
						2.9	6.6	6.0
						5.4	7.0	6.0
						5.7	6.3	6.0
						5.4	4.9	4.0
						8.0	7.7	8.0
						21.1	10.8	10.5
						10.1	9.6	8.0
						3.1	11.3	12.0
						1.4	8.5	7.0
						3.9	8.9	7.5
						9.0	11.3	12.0
//						7.1	//////////	
						100.0	8.8	9.0

OBSERVATIONS 939

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERI
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	1.9	6.1	5.4	4.0	1.7	.2			
020-040	1.0	2.2	1.8	.2					
050-070	.3	2.3	.2						
(E) 080-100	.3	2.4	1.3	.4					
110-130	.6	3.4	.9						
140-160	.3	2.3	2.4	.6	.2				
(S) 170-190	.2	3.4	7.5	6.3	1.9	.1			
200-220	1.0	1.4	4.1	4.9	1.2	.3			
230-250	1.1	1.3	2.4	1.4	.2				
(W) 260-280	.2	.3	1.1	.5					
290-310	.2	.3	1.4	.4	.1				
320-340	1.3	2.5	2.9	2.0	1.4	.1			
VARIABLE									
CALM	//								
TOTALS	9.7	29.7	32.1	19.7	6.7	.7			

TOTAL NUMBER OF OBSERVATIONS 433

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

[illegible] AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAR HOURS: 09-11

WIND SPEED IN KNOTS								TOTAL %	MEAN WIND	MEDIAN WIND
20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
1.7	.2							19.2	11.5	10.0
								5.2	8.0	8.0
								4.4	7.1	6.0
								4.8	6.5	6.0
								4.9	7.2	7.0
.2								5.5	10.2	10.0
1.9	.1							19.5	12.9	13.0
1.2	.3							13.1	13.8	14.0
.2								5.3	10.7	10.0
								2.6	10.4	10.5
.1								2.9	10.6	10.0
1.4	.1							9.9	12.1	12.0
//								1.5	//////////	
5.7	.7							100.0	11.1	10.0

[illegible] OF OBSERVATIONS 933

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
				WIND SPEED IN KNOTS					
(N) 350-010	1.3	5.2	5.2	4.1	1.6	.4			
020-040	.3	2.7	1.3	.3					
050-070	1.2	1.4	.5	.1					
(E) 080-100	.4	3.0	1.0	.5					
110-130	1.3	1.3	2.0	.2					
140-160	.2	1.6	2.0	.6	.1				
(S) 170-190	.4	2.2	5.5	6.6	2.3	.5			
200-220	.3	1.5	3.4	5.3	2.7	.4	.1		
230-250	1.2	1.1	2.2	.9	.5	.2			
(W) 260-280	.3	1.2	1.5	.6	.1				
290-310	1.4	1.1	1.2	.4	.2				
320-340	1.5	3.0	3.3	2.6	.9	.3			
VARIABLE									
CALM	//								
TOTALS	13.3	35.5	39.2	22.2	9.7	1.9	.1		

TOTAL NUMBER OF OBSERVATIONS 930

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

INNER AREA UK PERIOD OF RECORD: MAR 79 - FEB 83
MONTH: MAR HOURS: 12-14

WIND SPEED IN KNOTS 20-24	25-29	30-34	35-39	40-49	50-54	OR 55	TOTAL %	MEAN WIND	MEDIAN WIND
1.6	.4						17.7	12.0	12.0
							5.1	[illegible]	[illegible]
							3.2	6.4	[illegible]
							4.9	8.2	[illegible]
							5.1	[illegible]	[illegible]
.1							4.5	10.4	10.0
2.3	.5						17.5	14.6	15.0
2.7	.4	.1					13.[illegible]	15.4	15.0
.[illegible]	.2						[illegible].3	12.1	12.0
.1							4.3	[illegible].[illegible]	10.0
.2							4.3	[illegible].5	[illegible].0
.[illegible]	.3						11.5	11.[illegible]	12.0
//							1.[illegible]	//////////////	
[illegible].7	1.[illegible]	.1					100.0	11.[illegible]	12.0

NUMBER OF OBSERVATIONS 930

OPERATIONAL CLIMATOLOGY [illegible] PERCENTAGE FREQUENCY OF [illegible]
[illegible], [illegible] HILL [illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: + 6

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) 350-01	1.3	4.4	6.1	3.4	1.5	.1			
020-04	1.3	1.7	1.1	.3	.2				
050- 7	.	.	.	.					
(E) 080-1	.	3.1	1.	.2					
110-1	.	.	1.	.					
140-16	.	1.0	2.	.					
(S) 170-1	.	3.7	5.1	4.4	2.7				
200-2	.	1.	3.	3.2	2.5	.3			
230-2	.	1.1	3.1	1.	1.				
(W) 260-2	.	.	1.	.	.3				
290-31	.	1.2	.	.2	.2				
320-34	1.	3.3	3.	2.0	1.	.2			
VARIABLE									
CALM	//								
TOTAL	1.	27.0	31.	18.7	9.	.5			

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

: TINKER AFB OK | PERIOD OF RECORD: MAR 79 - FEB 89
: [illegible] | MONTH: MAR HOURS: 15-17

WIND SPEED IN KNOTS										
[illegible]-1[illegible]	20-24	25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
[illegible].4	1.5	.1						17.0	12.0	12.0
.3	.2							4.6	8.2	8.0
.4								6.1	7.[illegible]	[illegible].0
.3								6.1	7.6	7.0
.3								3.2	9.5	9.5
.[illegible]								5.4	9.1	9.5
[illegible]	2.7							10.2	14.0	14.0
[illegible].2	2.5	.3						12.4	14.1	14.0
2.[illegible]	1.0							7.2	12.3	12.0
.3	.3							3.2	10.[illegible]	10.0
.[illegible]	.2							3.7	[illegible].3	[illegible].0
.[illegible]	1.0	.2						11.[illegible]	11.1	10.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	2.2	//////	//////
[illegible].7	[illegible].5	.6						100.0	11.3	10.0

[illegible] NUMBER OF OBSERVATIONS 930

OPERATING LOCATION: MAW
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72[illegible]4) STATION NAME: TINKER AFB OK PERIOD [illegible]
LST IN UTC: + 6 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]
(A) 350-010	3.7	5.1	4.0	2.6	1.4	.1	.1			
020-040	1.3	3.7	.8	.2	.1					
050-070	2.4	2.9	1.1	.2	.1					
(B) 080-100	2.4	1.7	.3	.1						
110-130	2.5	1.3	1.3	.2						
140-160	1.	3.7	2.[illegible]	.4						
(C) 170-190	1.2	3.7	3.[illegible]	3.[illegible]	.3					
200-220	1.3	3.2	1.2	1.1	.2					
230-250	1.[illegible]	1.4	1.2	.4	.2					
(D) 260-280	.	1.2	.4	.1						
290-310	.2	.3	.4	.4						
320-340	1.[illegible]	2.3	2.6	1.0	.3					
VARIABLE										
CALM	//									
TOTALS	23.3	33.6	24.3	10.5	2.9	.1	.1			

TOTAL NUMBER OF OBSERVATIONS 430

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

TINKER AFB OK PERIOD OF RECORD: MAR 73 - FEB 83
MONTH: MAR HOURS: 18-20

WIND SPEED IN KNOTS									
20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.4	.1	.1					19.2	9.8	8.0
.1							5.7	6.8	7.0
.1							5.8	6.6	6.0
							4.5	6.0	4.0
							6.5	6.3	7.0
							4.7	8.1	8.0
.3							14.2	11.0	11.0
.2							7.3	9.1	8.0
.2							4.3	7.7	6.0
							2.3	7.1	8.0
							2.4	8.4	8.0
.3							9.2	8.5	8.0
//							5.0	//////////	
2.9	.1	.1					100.0	8.2	8.0

NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 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	[illegible]	[illegible]	4.9	1.5	1.0	.2			
020-040	[illegible]	[illegible]	[illegible]	.8					
050-070	[illegible]	2.3	1.3	.2					
(E) 080-100	1.7	2.7	.4	.1					
110-130	[illegible]	2.5	[illegible]	.2					
140-160	[illegible]	[illegible]	[illegible]	1.0	[illegible]				
(S) 170-190	[illegible]	7.1	[illegible]	4.9	.5				
200-220	1.2	2.5	1.2	1.2	.2				
230-250	[illegible]	.4	.3	.2					
(W) 260-280	.5	.2	[illegible]	.4					
290-310	1.2	.3	.4	.4					
320-340	[illegible]	1.3	1.5	1.3					
VARIABLE									
CALM	//////////								
TOTALS	21.4	31.2	23.7	12.2	2.0	.2			

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAR HOURS: 21-23

WIND SPEED IN KNOTS 1-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.0	.2						17.1	8.9	8.0
							5.7	7.2	5.0
							5.5	6.9	5.0
							4.9	5.3	5.0
							6.9	5.5	4.5
.3							10.3	9.0	8.0
.5							22.0	11.0	10.0
.2							6.2	9.3	8.0
							1.5	8.1	8.0
							1.9	10.2	13.0
							2.5	7.5	6.5
							5.7	9.3	10.0
//							9.1	//////////	
2.0	.2						100.0	8.0	8.0

OF OBSERVATIONS 930

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIN
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723840 STATION NAME: TINKER AFB OK
LST TO 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
(N) 350-010	2.7	5.0	5.1	2.9	1.3	.2	.0		
020-040	1.4	2.1	1.0	.3	.0				
050-070	1.4	2.2	1.0	.2	.0				
(E) 080-100	1.6	2.4	.7	.2					
110-130	2.1	2.2	1.0	.1					
140-160	1.4	2.9	2.3	.5	.1				
(S) 170-190	1.2	5.2	3.2	5.0	1.2	.1			
200-220	1.1	2.5	2.6	2.1	1.0	.1	.1		
230-250	.7	.9	1.3	.9	.3	.0			
(W) 260-280	.5	.7	.4	.3	.1				
290-310	1.0	.7	.3	.4	.5				
320-340	1.5	2.1	2.4	1.7	.7	.1			
VARIABLE									
CALM	//								
TOTALS	15.0	29.0	27.9	15.0	5.0	.5			

TOTAL NUMBER OF OBSERVATIONS 7440

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

[illegible] AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAR HOURS: ALL

WIND SPEED IN KNOTS									
1-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
11.3	.2	.0					17.3	10.8	10.0
.5							5.0	7.8	7.0
.5							4.9	7.0	6.0
							4.9	6.8	6.0
							5.6	6.3	6.0
.1							7.3	8.6	8.0
11.2	.1						20.9	11.9	12.0
10.3	.1	.0					10.3	11.9	12.0
.3	.0						4.1	11.0	11.0
.1							2.4	9.5	9.0
.3							3.2	9.2	9.0
.7	.1						9.0	10.9	10.0
//							5.4	//////////	
94.0	.5						100.0	9.5	10.0

OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

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 3 MILES (4,00

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	1.3	5.5	6.4	6.3	2.3	.3			
020-040	1.3	3.0	2.3	.5	.1				
050-070	1.3	2.5	2.2	.5	.1				
(E) 080-100	1.3	2.5	1.5	1.3					
110-130	2.4	2.5	2.1	.7					
140-160	.5	3.0	3.0	1.5	.2				
(S) 170-190	.3	3.0	3.0	5.3	.7				
200-220	.4	1.2	1.5	1.7	.2				
230-250		.7	.5	.3	.1				
(W) 260-280	.1	.4	.6	.2					
290-310	.2	.5	.4		.5				
320-340	.3	1.3	2.5	1.9	1.2				
VARIABLE									
CALM	//								
TOTALS	10.7	26.4	33.9	20.5	5.4	.3			

TOTAL NUMBER OF OBSERVATIONS 951

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

INKER AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAR HOURS: ALL

1000 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

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

WIND SPEED IN KNOTS 20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
2.3	.3						24.7	12.5	13.0
.1							6.0	9.0	9.0
.1							6.6	8.7	9.0
							7.2	9.0	8.0
							4.0	7.4	7.0
.2							9.5	10.6	10.0
.7							17.4	12.8	13.0
.2							5.3	11.8	12.0
.1							1.7	11.6	10.0
							1.4	10.2	10.0
.9							2.2	10.0	8.0
1.2							8.0	12.4	12.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	2.2	//////////	//////////
5.4	.3						100.0	10.9	11.0

ER OF OBSERVATIONS 951

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 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	2.3	3.1	3.?	.9	.4				
020-040	2.0	2.7	1.2	.6	.1				
050-070	1.?	1.?	.4						
(E) 080-100	1.3	1.?	.2						
110-130	3.1	1.4	.2						
140-160	3.?	4.3	.?	.7	.2				
(S) 170-190	1.6	10.?	3.7	4.2	.7	.1			
200-220	3.0	2.1	2.7	.9					
230-250	1.?	.?	.3						
(W) 260-280	1.1	.4							
290-310	1.3	.9	.4	.1					
320-340	?.?	4.0	2.2	.1	.3				
VARIABLE									
CALM	//								
TOTALS	24.?	33.4	21.4	7.4	1.7	.1			

TOTAL NUMBER OF OBSERVATIONS 900

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

A-3 OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: APR HOURS: 00-02

ED SPEED IN KNOTS 4-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.9							10.9	8.8	8.0
.1							6.6	7.5	6.0
							4.6	5.7	5.0
							3.9	5.2	5.0
							4.8	4.3	4.0
.2							9.1	7.3	6.0
.7	.1						25.0	10.4	10.0
							8.7	8.4	8.0
							2.2	5.8	6.5
							1.6	3.6	3.5
							2.8	6.4	5.0
.3							7.9	7.7	6.0
///							11.1	//////////	
1.7	.1						100.0	7.2	8.0

OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIN
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK PERIO
LST TO UTC: + 6 MONTH

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	2.4	3.4	4.9	.9	.4				
020-040	2.9	1.9	2.0	.1					
050-070	2.3	1.6	1.1						
(E) 080-100	1.9	1.4	.1	.2					
110-130	2.1	1.3	.6						
140-160	2.3	4.1	1.0		.2				
(S) 170-190	3.2	6.3	8.4	4.2	.4				
200-220	3.4	3.9	2.3	1.2					
230-250	.9	.7	.7	.2					
(W) 260-280	.3	1.0	.2						
290-310	1.3	1.1	.1	.1					
320-340	3.1	3.1	1.6	.7	.6				
VARIABLE									
CALM	//								
TOTALS	24.3	32.7	23.6	7.6	1.6				

TOTAL NUMBER OF OBSERVATIONS 900

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

...P AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
... MONTH: APR HOURS: 03-05

WIND SPEED IN KNOTS ... -24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.4							12.1	9.0	10.0
							5.2	7.4	8.0
							5.0	6.1	6.0
							4.0	5.7	5.0
							4.0	5.3	4.0
.2							7.3	6.6	6.0
.4							24.4	10.3	10.0
							10.9	7.9	6.5
							2.4	7.3	6.5
							1.6	6.2	6.5
							2.3	5.8	5.0
.6							2.7	7.6	6.0
//							10.0	//////////	
1.0							100.0	7.3	7.0

... OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF [illegible] SURFACE WI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-4
(1) 310-01	3.7	4.9	4.5	2.0	.4				
020-060	2.3	3.1	1.7	.5					
050-070	2.3	1.9	1.0	.1					
(2) 080-10	1.3	2.3	.4	.2					
110-13	1.9	2.3	.3						
140-160	1.7	3.2	1.6	.1					
(3) 170-1	.4	2.4	4.1	4.7	1.4				
200-220	2.7	4.1	3.3	1.4	.2				
230-25	1.3	2.1	.5	.2					
(4) 260-28	.2	.5	.2	.1					
290-310	1.7	1.3	.4	.1					
320-340	3.1	3.7	1.1	1.0	1.0				
VARIABLE									
CALM	//								
TOTALS	31.4	34.1	25.2	11.1	2.5				

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

[illegible] AFB, [illegible] PERIOD OF RECORD: MAR 79 - FEB 89
UNITS: KTS HOURS: 06-09

WIND SPEED IN KNOTS									
1-24	25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
[illegible]							14.2	9.9	10.0
							9.1	7.5	8.0
							5.9	6.1	5.0
							4.1	7.0	7.0
							4.3	5.3	5.0
							9.5	7.0	5.0
[illegible]							22.1	11.5	11.0
[illegible]							12.3	8.0	8.0
							4.2	7.5	7.0
							1.1	7.5	6.0
							4.3	5.7	5.0
[illegible]							3.0	4.5	5.0
//							0.5	//////////	
[illegible]							100.0	8.1	7.0

[illegible] OBSERVATIONS [illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

DIRECTION (TRUE)	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	2.1	4.4	5.3	3.1	.8	.1	.2		
020-040	1.9	3.7	2.4	.7	.1				
050-070	.	1.4	.5						
(E) 080-100	1.1	2.9	1.2	.1					
110-130	1.9	2.1	1.2	.1					
140-160	.7	1.4	1.3	.4					
(S) 170-190	.5	3.3	7.1	3.8	1.7	.4			
200-220	.2	3.1	7.6	4.9	2.2	.1			
230-250	1.2	1.7	2.4	1.2	.2				
(W) 260-280	.7	1.4	.4						
290-310	1.2	1.4	1.2	.1					
320-340	2.2	2.9	2.7	1.3	.2	.2			
VARIABLE									
CALM	//////////								
TOTALS	14.2	33.7	32.9	15.7	5.2	.2	.2		

TOTAL NUMBER OF OBSERVATIONS 989

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

[illegible] AFB, OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: APR HOURS: 00-11

WIND SPEED IN KNOTS 1-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.8	.1	.2					15.1	11.1	11.0
.1							6.9	9.2	9.0
							3.0	6.9	6.0
							6.3	6.5	6.0
							4.2	7.1	6.5
							3.4	8.5	8.0
1.7	.4						15.9	12.9	12.0
2.2	.1						16.4	13.5	14.0
.2							5.3	10.3	11.0
							2.4	6.5	6.0
							3.5	7.8	8.0
.2	.1						10.3	9.9	9.0
//							1.2	//////////	
.9	.2	.2					100.0	10.5	10.0

OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72354) STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 MONTH:

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	1.5	5.4	3.4	3.4	1.2	.1	.2			
020-040	1.2	2.0	1.3	.7	.2					
050-070	1.1	.3	.2	.2						
(E) 080-100	1.1	2.0	.7	.1						
110-130	1.1	2.7	.7	.1						
140-160	.5	1.7	1.0	.7						
(S) 170-190	.7	3.7	5.3	5.7	2.4	.2				
200-220	1.3	2.9	5.3	4.1	2.3	.4				
230-250	.5	1.1	2.1	1.3			.2			
(W) 260-280	.1	1.3	1.2	.3	.2	.1	.1			
290-310	1.1	1.3	.7	.3						
320-340	2.1	3.7	3.7	2.6	1.3	.1				
VARIABLE										
CALM	//									
TOTALS	13.1	26.6	28.3	19.5	7.2	.9	.5			

TOTAL NUMBER OF OBSERVATIONS 930

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

APR PK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: APR HOURS: 12-14

D) SPEED IN KNOTS									
-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
2.2	.1	.2					15.4	11.3	10.0
.2							5.9	9.3	8.0
							2.3	7.3	6.0
							4.2	6.2	6.0
							4.6	6.3	6.0
							3.7	9.7	8.0
.4	.2						13.0	13.6	14.0
.3	.4						17.7	13.0	13.0
		.2					5.3	11.4	10.0
.7	.1	.1					8.9	10.2	10.0
							3.3	7.6	6.0
.2	.1						13.3	10.9	10.0
//							1.7	//////////	
7.2	.2	.5					100.0	10.9	10.0

OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-43
(N) 350-010	3.3	3.8	5.6	3.6	.4	.1			
020-040	1.0	1.4	2.3	.4	.1				
050-070	.5	1.0	.3	.1	.1				
(E) 080-100	.9	1.6	.7						
110-130	1.2	3.2	.7						
140-160	1.1	1.9	2.1	.2					
(S) 170-190	.9	4.2	7.5	5.9	2.3				
200-220	.9	2.7	6.9	3.1	.7	.2			
230-250	.7	1.9	2.2	.2	.2				
(W) 260-280	.3	1.7	1.1	.9		.2	.2		
290-310	.4	1.3	.9	.7					
320-340	2.2	2.7	5.1	1.7	.7	.5	.2		
VARIABLE									
CALM	//////////								
TOTALS	13.4	28.7	38.0	19.8	4.5	.9	.4		

TOTAL NUMBER OF OBSERVATIONS 20

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

[illegible] AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: APR HOURS: 15-17

WIND SPEED IN KNOTS									
[illegible]-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.4	.1						16.4	10.2	10.0
.1							5.3	8.7	10.0
.1							2.[illegible]	8.1	8.0
							3.1	6.6	6.0
							5.1	6.3	6.0
							4.3	8.6	9.0
[illegible].3							20.9	13.0	13.5
.7	.2						14.4	12.1	12.0
.[illegible]							5.1	9.5	10.0
	.2	.2					4.4	11.5	10.0
							3.3	9.2	8.0
.[illegible]	.[illegible]	.2					13.0	11.1	11.0
//							1.2	//////////////	
4.[illegible]	.[illegible]	.4					100.0	10.5	10.0

[illegible] OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-4
(N) 350-01	4.9	6.1	5.1	.3	.0	.2			
020-04	1.4	1.7	1.2	.1					
050-07	1.5	1.1	1.1						
(E) 080-10	1.3	2.4	.7						
110-13	2.3	1.9	.1						
140-16	2.2	3.2	1.7						
(S) 170-19	5.2	7.4	3.3	2.3	.7				
200-22	2.3	2.3	2.3	1.4	.3				
230-25	.2	2.3	.4	.1	.1	.1			
(W) 260-28	.2	1.2	.1	.1					
290-31	.4	.3	.4	.2					
320-34	3.3	2.1	2.2	1.2	.7	.2			
VARIABLE									
CALM	//								
TOTALS	33.7	38.2	26.3	7.0	2.7	.5			

TOTAL NUMBER OF OBSERVATIONS 2

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

[illegible]: TINKER AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
[illegible]: + 6 MONTH: APR HOURS: 18-20

WIND SPEED IN KNOTS								TOTAL	MEAN	MEDIAN
[illegible]-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	%	WIND	WIND
.3	.6	.2						19.7	8.1	8.0
.1								4.4	7.2	7.0
								3.3	6.4	6.0
								4.4	6.0	5.5
								4.3	4.7	4.0
								7.1	6.3	7.0
2.9	.7							23.3	10.2	10.0
1.5	.6							9.9	9.4	10.0
.1	.1	.1						3.4	8.0	7.0
.1								1.7	7.4	7.0
.2								2.0	7.3	6.0
1.2	.7	.2						10.3	9.2	8.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	5.9	//////////	//////////
7.3	2.7	.8						100.0	7.9	8.0

[illegible] NUMBER OF OBSERVATIONS 300

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERIOD
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	2.5	5.7	2.5	1.1	.4				
020-040	1.9	2.1	.7	.2	.1				
050-070	2.1	2.2	.9	.1					
(E) 080-100	2.4	1.5	.7						
110-130	4.1	.2							
140-160	3.3	4.7	2.9	.3					
(S) 170-190	2.5	9.3	4.5	3.3	.3	.1			
200-220	2.3	1.7	1.4	.9	.2		.1		
230-250	.9	.4	.1	.4					
(W) 260-280	.9	.7			.1	.1			
290-310	1.1	.5	.9						
320-340	2.3	2.5	1.4	.4	.3		.1		
VARIABLE									
CALM	//								
TOTALS	27.9	32.3	20.6	6.7	1.4	.2	.2		

TOTAL NUMBER OF OBSERVATIONS 432

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

[illegible] AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: APR HOURS: 21-23

WIND SPEED IN KNOTS 1-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.4							12.6	3.6	3.0
.1							6.0	6.1	5.0
							5.3	5.2	5.0
							4.7	5.1	4.0
							4.3	2.8	2.0
							10.5	7.3	7.0
.3	.1						24.7	9.7	9.5
.2		.1					5.2	9.1	7.0
							1.3	7.5	9.5
.1	.1						1.8	6.6	4.5
							2.5	6.7	8.0
.3		.1					7.2	5.1	7.0
//							11.5	//////////	
1.0	.2	.2					100.0	6.0	7.0

[illegible] OBSERVATIONS 720

OPERATING LOCATION: NAW
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIO
LST TO UTC: + 6 MONTH

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	2.8	4.3	4.4	2.0	.6	.1	.1		
020-040	1.7	2.1	1.7	.4	.1				
050-070	1.6	1.5	.9	.1	.0				
(E) 080-100	1.7	2.0	.8	.1					
110-130	1.1	1.4	.4	.0					
140-160	1.7	3.0	1.4	.3	.1				
(S) 170-190	1.6	5.6	3.1	4.3	1.2	.1			
200-220	2.1	3.7	4.3	2.3	.7	.1	.1		
230-250	.4	1.3	1.2	.5	.1	.0	.0		
(W) 260-280	.3	1.0	.4	.2	.0	.1	.1		
290-310	1.3	1.1	.6	.2					
320-340	2.7	3.0	2.0	1.1	.7	.1	.1		
VARIABLE									
CALM	//								
TOTALS	20.1	31.4	26.7	11.5	3.5	.5	.1		

TOTAL NUMBER OF OBSERVATIONS 7200

CY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ROM HOURLY OBSERVATIONS

K PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: APR HOURS: ALL

SPEED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.1	.1					14.7	9.6	9.0
						6.0	7.9	8.0
						4.0	5.4	5.0
						4.3	6.0	6.0
						4.4	5.3	5.0
						6.5	7.5	7.0
.1						22.0	11.3	11.0
.1	.1					12.4	10.9	11.0
.1	.1					3.9	9.9	9.0
.1	.1					2.3	9.5	9.0
						3.0	7.1	7.0
.1	.1					10.3	9.4	9.0
//						6.0	//////////	
.5	.1					100.0	8.7	9.0

OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERI
MONTH

CATEGORY A: CEILING OF 200 FEET BUT LESS THAN 1500 FEET AND/OR VISIBILITY OF 1/2 M
AND/OR
VISIBILITY OF 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4-8

DIRECTION	WIND SPEED IN KNOTS 1-6	7-9	10-14	15-19	20-24	25-29	30-34	35-3	4-4
(DEGREES)									
(N) 350-010	1.0	6.2	10.1	4.4	1.5		.5		
020- 04	1.7	3.3	4.1						
050-07	.	3.3	.4	.2					
(E) 080-10	1.3	2.2	1.4	.4					
110-13	1.1	2.6	1.7						
140-16	1.1	4.4	5.3	.7					
(S) 170-19	.4	3.3	4.5	4.0	.5				
200-22	.	1.3	1.4	1.3	1.1	.2			
230-25	.4	1.1	.4	.5	.2		..		
(W) 260-28		.3	.2			.3	.3		
290-31	.	.5	.7	.2					
320-34	..	2.1	3.3	1.1	1.4				
VARIABLE									
CALM	//								
TOTALS	14.3	39.1	35.4	12.4	4.7	.5	1.0		

TOTAL NUMBER OF OBSERVATIONS 631

Y [illegible] OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible]ARLY OBSERVATIONS

PERIOD OF RECORD: MAR 73 - FEB 83
MONTH: APR HOURS: ALL

[illegible] VISIBILITY 0- 1/2 MILE (0800 METERS).

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

[illegible] KNOTS [illegible]	TOTAL %	MEAN WIND	MEDIAN WIND
[illegible]	22.7	12.1	11.0
	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]
	6.2	7.6	7.[illegible]
	[illegible]	[illegible]	[illegible]
	10.[illegible]	[illegible]	[illegible]
	17.1	11.[illegible]	12.[illegible]
[illegible]	[illegible]	12.[illegible]	13.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1.1	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]
	[illegible]	12.[illegible]	12.[illegible]
//	1.7	//////////	
[illegible] 1.[illegible]	100.[illegible]	10.[illegible]	10.[illegible]

[illegible] OBS [illegible]831

[illegible]

OPERATING LOCATION MAP
USAATTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723 69 STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 YEARS:

	WIND SPEED IN KNOTS								
DIR-CLIM (DEGREES)	1-4	5-7	10-14	15-17	20-24	25-27	30-34	35-37	40-47
(1) 350-21	1.7	2.3	2.5	.5					
220-24	2.2	3.1	1.2						
25-33	1.	1.3	.1						
(2) 34-1	1.1	1.1	.5						
11-1	1.1	3.2	.2						
14 -1	1.	.5	2.2	.2					
(3) 17-1	1.7	14.1	15.3	3.3	.2				
20-2	1.	2.2	1.	.2					
23-2	.	.2							
(4) 26-3	.2	.2	.2	.1					
30-1	.3	.4	.2						
32-4	1.2	1.2	1.3	.2	.1				
VARIABLE									
CALM	//								
TOTAL	21.1	7.1	21.1	4.3	.3				

TOTAL NUMBER OF OBS WITHIN CLIM

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

TINKER AFB OK

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAY HOURS: 00-02

WIND SPEED IN KNOTS 20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
							8.1	8.2	7.0
							5.7	6.6	7.0
							3.4	4.5	4.0
							3.4	5.1	4.0
							7.0	5.1	4.0
							10.[illegible]	7.1	7.0
.3							32.0	9.5	9.0
							6.1	7.1	7.0
							1.5	4.5	5.0
							1.2	5.2	5.0
							1.6	6.8	5.0
.1							4.3	8.2	8.0
//////////////	//////////////	//////////////	//////////////	//////////////	//////////////	//////////////	14.7	//////	//////
.5							100.0	6.5	[illegible].0

OF OBSERVATIONS 930

OPERATING LOCATION: WAW
USAFTAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72364 STATION NAME: TINKLER AFB, OK PERIOD:
LST TO UTC: + 6 YEARS:

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	1.2	4.9	3.2	.5	.1				
020-040	1.7	2.7	.4						
050-070	1.7	1.1							
(E) 080-100	.2	.2	.0	.1					
110-130	2.7	2.9	.1						
140-160	2.1	4.8	2.4	.3					
(S) 170-190	4.7	11.4	12.2	2.7	.3				
200-220	2.2	3.1	1.7	.5	.3				
230-250	.7	.4							
(W) 260-280	.2	.4	.5	.1					
290-310	.3	.9	.1						
320-340	.4	2.0	1.4	.3					
VARIABLE									
CALM	//								
TOTALS	22.	43.8	23.6	4.5	.7				

TOTAL NUMBER OF OBS [illegible]

CY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAY HOURS: 03-05

SPEED IN KNOTS 34-39	40-47	48-54	55-63	64-65	TOTAL %	MEAN WIND	MEDIAN WIND
					10.6	7.9	8.0
					4.9	6.5	6.5
					2.3	4.5	4.0
					1.5	7.0	8.0
					5.3	4.3	5.0
					11.2	7.0	6.0
					30.5	9.3	9.0
					8.5	7.7	7.0
					1.6	4.5	4.0
					1.5	7.2	7.0
					1.3	4.8	5.0
					5.2	5.5	6.0
//					14.0	//////////	
					100.0	6.6	7.0

VARIABLE WIND

OPERATING LOCATION: NAM
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUM [illegible]: 723640 STATION NAME: TINKER AFB, OK PERIOD:
LST TO UTC: + 6 MONTH:

DIRECTION (TO)	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	4.1	3.4	1.2	.2					
020-040	1.7	1.9	2.3	.1						
050-070	.7	1.3	.4							
(E) 080-100	1.5	1.4	.4							
110-130	2.1	2.6	.3							
140-160	3.1	4.2	3.1	.2						
(S) 170-190	5.4	17.1	13.1	3.1	.4					
200-220	3.1	4.1	2.5	1.7	.1					
230-250	1.	1.1	.6	.2	.1					
(W) 260-280	.1	.1	.1							
290-310	1.1	.9	.2							
320-340	2.	3.2	1.1	.1						
VARIABLE										
CALM	//									
TOTALS	31.4	55.3	27.4	6.1	.4					

TOTAL NUMBER OF OBSERVATIONS 983

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

...ON   PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAY   HOURS: 06-08

SPEED IN KNOTS						TOTAL %	MEAN WIND	MEDIAN WIND
						12.2	3.4	3.0
						5.8	7.5	7.5
						3.5	5.3	5.0
						3.4	5.3	5.0
						4.5	4.9	5.0
						2.2	4.0	5.0
						23.0	10.0	10.0
						10.2	8.6	8.0
						2.2	7.2	5.0
						1.5	7.0	7.0
						2.4	5.3	4.0
						5.5	5.5	5.0
//						7.-	//////////	
						100.0	7.5	5.0

...SERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

DIRECTION (10'S OF DEG)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-45	46+
(N) 350-010	2.9	3.9	6.1	1.0	.1					
020-040	1.7	2.9	1.3	.2						
050-070	1.7	1.2	1.3							
(E) 080-100	1.3	2.3	.2	.1						
110-130	2.4	2.5	.4	.1						
140-160	.7	1.3	1.4	.3						
(S) 170-190	1.7	3.7	10.	2.7	.5					
200-220	1.9	3.3	4.3	4.7	1.3					
230-250	.	1.7	1.1	.3	.3	.1				
(W) 260-280	.	1.3	.3							
290-310	.3	1.6	.6	.1	.1					
320-340	1.3	1.	1.7	.3						
CALM	//									
TOTALS	19.1	34.3	33.7	14.3	2.2	.1				

TOTAL NUMBER OF OBSERVATIONS 4913

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

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAY HOURS: 09-11

SPEED IN KNOTS 28-33	34-39	40-47	48-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
					14.0	9.0	10.0
					5.9	6.0	8.0
					4.9	5.7	6.0
					4.0	5.5	5.0
					5.4	5.1	5.0
					6.9	8.0	7.0
					25.6	11.3	12.0
					15.2	12.0	12.0
.1					4.7	11.2	11.5
					2.6	6.7	6.5
					2.6	7.6	6.5
					3.2	6.3	8.0
//					3.1	//////////	
.1					100.0	9.2	9.0

OBSERVATIONS 933

OPERATING LOCATION "A"
USARPIAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 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	1.5	3.9	5.3	.2	.2				
020-040	1.1	3.1	2.1						
050-070	1.1	3.5	1.1						
(E) 080-100	1.1	2.3	.4						
110-130	2.3	4.3	.1	.1					
140-160	.3	1.1	1.7	.3	.1				
(S) 170-190	1.3	5.7	11.3	5.1	1.3				
200-220	1.1	3.3	4.3	3.7	.5				
230-250	.	1.4	2.3		.4	.1			
(W) 260-280	.4	1.2	.4	.4					
290-310	1.3	.7	.3	.3					
320-340	1.3	1.3	1.3	.3					
VARIABLE									
CALM	//								
TOTALS	14.7	36.3	31.3	12.1	2.3	.1			

TOTAL NUMBER OF OBSERVATIONS 943

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

- AFB NY PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAY HOURS: 12-14

...ND SPEED IN KNOTS -24	25-29	30-34	35-39	40-49	50-64	65 OR 65	TOTAL %	MEAN WIND	MEDIAN WIND
.?							11.5	9.3	10.0
							7.5	7.6	8.0
							5.9	6.4	7.0
							4.6	5.2	6.0
							5.2	5.9	6.0
.1							3.3	8.6	8.0
.?							24.7	11.7	12.0
.?							14.1	11.5	12.0
..	.1						4.7	10.3	10.0
							2.5	9.7	8.0
							2.9	7.6	6.0
							4.3	7.4	6.0
//							2.7	//////////	
.	.1						100.0	9.1	9.0

OBSERVATIONS 981

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40
(N) 350-010	1.4	3.3	5.3	1.1	.3	.1		
020-040	1.3	2.7	2.7	.4	.1			
050-070	.9	2.3	.9	.1				
(E) 080-100	1.3	2.7	.9					
110-130	1.7	3.9	.6					
140-160	.9	4.3	3.3	.4	.1			
(S) 170-190	1.1	7.4	11.4	3.3	1.2			
200-220	.9	3.1	3.9	1.9	.4			
230-250	.6	1.4	1.1	.3	.1			
(W) 260-280	.3	.3	.2	.2	.1			
290-310	.7	1.5	.7					
320-340	1.0	1.3	1.4	.1	.1			
VARIABLE								
CALM	//							
TOTALS	14.5	41.1	54.4	13.1	2.9	.1		

TOTAL NUMBER OF OBSERVATIONS 7552

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

[illegible] PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAY HOURS: 15-17

SPEED IN KNOTS									
[illegible]	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
[illegible]	.1						11.5	10.0	10.0
.1							4.1	9.2	9.0
							5.5	5.5	5.0
							4.7	5.8	6.5
							5.0	5.2	5.0
..							11.5	9.0	10.0
.5							25.7	11.5	11.5
.							9.2	11.0	10.0
..							4.9	9.9	10.0
.2							7.5	7.3	6.0
							3.9	7.1	7.5
.1							4.4	7.4	7.0
///							2.3	//////////	
.	.1						100.2	9.1	9.0

[illegible] OBSERVATIONS 230

OPERATING LOCATION: MAW
USAFTAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE
FOR [illegible] ALL TIMES

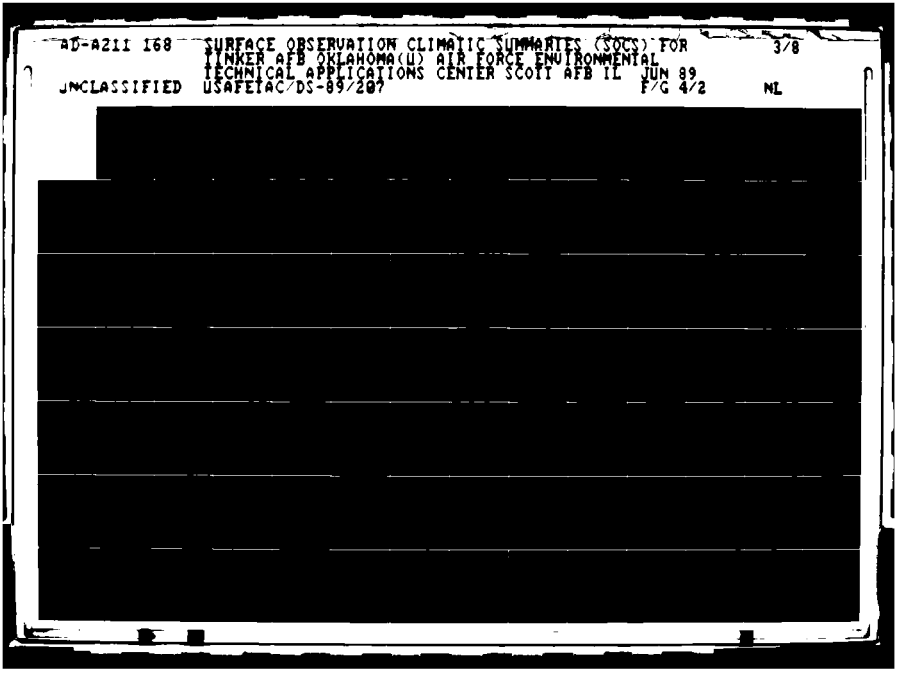
STATION NAME: TINKER AFB, OK
LST TO UTC: + 6

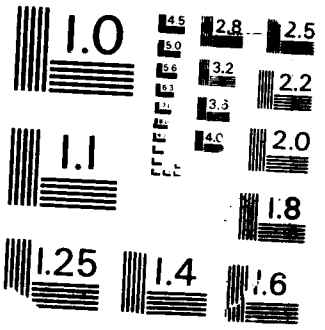
WIND SPEED IN KNOTS										
DIRECTION (TRUE BRGS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	
(N) 350-10	2.1	3.3	3.7	.3	.1					
020-040	1.4	4.2	1.6							
050-070	1.1	1.4	.5							
(E) 080-100	1.1	2.3	.7							
110-130	.9	3.7	1.6	.1						
140-160	.6	10.4	.9	.3	.1					
(S) 170-190	2.6	4.3	3.3	1.3	.3					
200-220	.8	2.7	1.6		.1					
230-250	.6	.6	.5	.1						
(W) 260-280	.3	.3	.1							
290-310	.3	.3	.4							
320-340	1.6	.3	1.2	.3						
VRBL										
CALM	//									
TOTAL	14.1	41.3	20.4	2.3	1.3					

TOTAL OBSERVATIONS WITH WIND/VARIABLE

AD-A211 168 SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR TINKER AFB OKLAHOMA(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT AFB IL JUN 89 3/8

UNCLASSIFIED USAFETAC/DS-89/207 F/G 4/2 NL




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
5.6
6.3

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

[illegible] AFB, OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAY HOURS: 16-20

WIND SPEED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.1						11.1	7.5	7.0
						5.5	5.1	5.0
						4.1	4.1	5.0
						5.9	4.7	4.0
						5.9	5.4	5.0
.2						19.1	7.2	7.0
.4						23.2	9.5	10.0
.1						5.2	5.3	5.0
						3.0	3.5	5.0
						1.8	4.7	4.0
						1.5	5.6	5.0
						3.5	5.1	5.0
//						5..	//////////	
1.0						100.0	7.0	7.0

OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM MONTHLY SUMMARIES

STATION NUMBER: 723140 STATION NAME: TIMMINS AP, ON
LST TO UTC: + 5

DIRECTION (TRUE)	WIND SPEED IN KNOTS 1-3	4-7	8-12	13-18	19-24	25-31	32-38	39-46	47-54	55-63
(N) 340-020	3.9	2.4	1.7	.4	.3	.1				
030-060	3.4	3.7	.4	.1						
070-110	4.4	1.8	.3							
(E) 120-150	4.5	.5	.3							
160-190	4.7	4.4	1.1							
200-230	5.7	7.5	3.4	.4		.1				
(S) 240-270	7.7	11.1	10.1	2.9	.1	.1				
280-310	1.4	1.4	.7	.5	.2	.1				
320-350	.4	.5	.2	.1	.1					
(W) 360-030	.4	.2								
040-070	.3	.4	.4							
080-110	.4	.6	1.5		.1					
VARIABLE										
CALM	//									
TOTALS	37.1	33.5	20.2	4.7	.7	.4				

TOTAL NUMBER OF OBSERVATIONS 937

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

[illegible] PERIOD OF RECORD: MAR 73 - FEB 83
MONTH: MAY HOURS: 21-23

WIND SPEED IN KNOTS									
1-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.3	.1						3.2	5.0	5.5
							5.3	5.6	6.3
							4.5	4.4	4.0
							4.5	4.0	3.5
							10.2	5.1	5.0
	.1						14.3	7.3	8.0
.1	.1						24.6	9.4	9.0
.2	.1						5.2	6.4	6.5
.1							1.5	6.3	7.0
							.6	4.5	4.0
							1.2	7.3	8.0
.1							2.4	9.7	10.0
//							13.4	//////////	
.7	.4						100.0	6.4	6.0

NO. OF OBSERVATIONS 930

OPERATING LOCATION WAW
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
FOR YEARLY (ALL MONTHS

STATION NUMBER: 723643 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

DIRECTION	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(DEGREES)									
(N) 350-010	2.4	3.6	3.0	.4	.2	.0			
020-040	1.	2.4	1.7	.1	.0				
050-070	1.3	1.9	.5	.0					
(E) 080-100	1.0	1.4	.5	.0					
110-130	2.	3.3	.5	.0					
140-160	2.1	3.4	2.0	.4	.1	.0			
(S) 170-190	2.3	9.2	11.7	3.7	.6	.1			
200-220	1.1	4.3	2.1	1.7	.4	.1			
230-250	.7	1.1	.1	.2	.1	.0			
(W) 260-280	.1	.7	.3	.1	.0				
290-310	.7	.3	.5	.1	.0				
320-340	1.4	1.6	1.3	.3	.0				
VARIABLE									
CALM	//								
TOTALS	20.3	39.9	28.6	7.5	1.4				

TOTAL NUMBER OF OBSERVATIONS 7443

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

AFB: TINKER AFB OK PERIOD OF RECORD: MAR 72 - FEB 83
WBAN: 13967 MONTHS: MAY HOURS: ALL

WIND SPEED IN KNOTS										
1-19	20-24	25-29	30-34	35-39	40-49	50-64	65 & >	TOTAL %	MEAN WIND	MEDIAN WIND
.4	.2	.0						10.9	8.6	8.0
.1	.0							5.5	7.0	7.0
.2								4.4	5.5	5.0
.0								4.0	5.3	5.0
.0								4.7	5.3	5.0
.4	.1	.0						11.3	7.7	7.0
3.7	.5	.0						27.3	10.3	10.0
1.7	.4	.0						8.2	9.4	8.0
.2	.1	.0						3.0	8.0	8.0
.1	.0							1.7	7.1	6.0
.1	.0							2.0	6.4	6.0
.3	.0							4.7	7.7	7.0
//								8.0	//////////	
7.5	1.4							100.0	7.7	8.0

TOTAL NUMBER OF OBSERVATIONS 7440

[illegible] LOCATION, "MAN"
[illegible], [illegible] WELL [illegible]

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

STATION NUMBER: [illegible] STATION NAME: TINKER AFB, OK [illegible]
LST TO UTC: + 6 [illegible]

CATEGORY A: CEILING OF 200 FEET LESS THAN 1500 FEET AND/OR VISIBILITY OF 1/2 MILE AND/OR
VISIBILITY OF 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4,800 METERS)

WIND SPEED (KNOTS)										
DIRECTION	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55
(DEGREES)										
(A) 340-010	1.3	7.1	10.9	3.3	.6					
020-050	1.2	5.2	4.7	.4	.1					
060-080	1.3	2.2	1.2	.1						
(B) 090-110	.9	2.2	1.2							
120-130	.7	3.4	1.2							
140-160	.4	4.2	2.1	.1	.2					
(C) 170-190	1.3	1.4	3.2	1.3	.1	.1				
200-220	.4	.2	.3	.4	.2					
230-250	.1	.2				.1				
(D) 260-280	.3	.4								
290-310	1.2	.3	.4							
320-340	.3	3.6	3.1	1.0	.3					
VARIABLE										
CALM	//									
TOTALS	12.3	43.3	36.4	6.3	1.7	.2				

TOTAL NUMBER OF OBSERVATIONS 579

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

[illegible] PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAY HOURS: ALL

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

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

[illegible] KNOTS 30-34	35-39	40-43	44-54	OF 55	TOTAL %	MEAN WIND	MEDIAN WIND
					22.9	10.6	10.0
					11.5	8.9	9.0
					6.2	7.4	6.5
					5.2	6.5	6.0
					5.7	6.3	6.0
					9.0	9.1	9.0
.1					12.0	10.4	10.0
					1.2	11.4	11.0
.1					.9	8.6	6.0
					1.0	4.6	4.0
					2.1	5.4	4.5
					9.0	9.5	9.5
//					4.0	//////////	
.2					100.0	8.8	9.0

[illegible] OBSERVATIONS 575

OPERATING LOCATION [illegible]　　PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE [illegible]
USAFETAC, ASHEVILLE NC　　[illegible] HOURLY OBSERVATIONS

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

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-[illegible]	[illegible]	[illegible]	[illegible]
(N) 350-010	1.[illegible]	.[illegible]	.[illegible]	.3					
020-040	[illegible]	1.4	.1	.3					
050-070	[illegible]	1.[illegible]	.4						
(E) 080-100	[illegible]	.3	.[illegible]	.1					
110-130	4.7	.3	.3	.1					
140-160	.[illegible]	.[illegible]	1.[illegible]						
(S) 170-190	.[illegible]	[illegible].4	13.[illegible]	1.4	.2				
200-220	[illegible].2	[illegible].1	3.[illegible]	1.2	.2				
230-250	.[illegible]	.3	.3						
(W) 260-280	.[illegible]	.3	.3		.1				
290-310	.3	.4	.2						
320-340	.[illegible]	.5	.2						
VARIABLE									
CALM	//////////								
TOTALS	[illegible].1	37.5	13.5	3.5	.5				

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

[illegible] AFB, NY PERIOD OF RECORD: MAR 79 - FEB 80
MONTH: JUL HOURS: 00-02

WIND SPEED IN KNOTS							TOTAL	MEAN	MEDIAN
21-24	25-27	28-34	35-39	40-47	48-54	55-63	%	WIND	WIND
							3.0	6.9	7.0
							4.2	5.4	4.0
							4.1	4.5	4.0
							3.3	4.1	3.0
							3.0	3.7	3.0
							11.5	[illegible]	[illegible]
.2							35.2	[illegible]	[illegible]
.2							14.4	[illegible]	[illegible]
							1.3	[illegible]	[illegible]
.1							1.1	[illegible]	[illegible]
							1.0	[illegible]	[illegible]
							1.2	[illegible]	[illegible]
//							11.4	//////////	
.2							100.0	[illegible]	[illegible]

[illegible] OF OBSERVATIONS [illegible]

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

[illegible] PERIOD OF RECORD: [illegible] 7[illegible] - FEB [illegible]
MONTH: [illegible] HOURS: 03-05

WIND SPEED IN KNOTS

[illegible]-24	[illegible]	3[illegible]-34	[illegible]	[illegible]-4[illegible]	[illegible]-54	GE [illegible]	TOTAL	MEAN WIND	MEDIAN WIND
.1		.1					4.2	7.1	6.0
							4.3	5.9	[illegible]
							2.[illegible]	4.4	4.0
							2.4	4.[illegible]	3.5
							4.[illegible]	5.5	3.[illegible]
							[illegible].4	[illegible]	[illegible]
.2							35.[illegible]	[illegible].1	[illegible]
.2							[illegible].1	7.[illegible]	[illegible]
							2.[illegible]	[illegible]	[illegible]
							.4	3.[illegible]	3.5
							.[illegible]	[illegible].7	[illegible]
							2.[illegible]	[illegible]	4.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	12.[illegible]	//////////	//////////
.[illegible]		.1					100.0	5.2	5.0

[illegible] OBSERVATIONS [illegible]

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

[illegible] PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUN HOURS: 06-09

WIND SPEED IN KNOTS							TOTAL %	MEAN WIND	MEDIAN WIND
							5.1	6.2	6.0
							6.6	6.9	6.0
							2.9	4.6	4.0
							2.4	5.2	4.0
							4.5	3.9	4.0
							6.4	4.1	6.0
.*							34.5	4.7	4.0
.3							23.1	9.2	8.0
							3.2	6.5	6.0
							.5	6.3	7.0
							1.2	6.4	6.0
							2.1	6.4	6.0
//							8.0	//////////	
.7							100.0	7.1	7.0

[illegible] OBSERVATIONS 930

OPERATING LOCATION WAM
ISABELLA, ASHEVILLE, NC

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

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

WIND DIR (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(1) 351-15	1.5	1.9	1.9	.5					
003-045	2.3	.9	1.3	.4					
049-078	1.1	1.7	.1	.1					
(3) 079-113	1.9	2.3	.1	.3					
114-146	1.4	.3	.2						
147-180	1.7	2.2	.4	.2					
(6) 171-213	2.4	3.5	13.9	1.1	1.2				
214-247	1.9	7.2	11.	5.3	1.3				
248-281	.5	2.3	1.3	.5					
(9) 282-314	.2	.2	.2						
315-338	.3	1.2							
339-350	.3	.2	.4	.3					
VARIABLE									
CALM	//								
TOTALS	14.3	33.1	30.1	10.2	2.				

TOTAL NUMBER OF OBSERVATIONS 910

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

[illegible] PERIOD OF RECORD: MAR 73 - FEB 83
MONTH: JUN HOURS: 09-11

WIND SPEED IN KNOTS							TOTAL %	MEAN WIND	MEDIAN WIND
[illegible]	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
[illegible]								4.3	7.7	7.0
[illegible]								4.7	7.1	5.5
[illegible]								4.3	5.8	5.0
[illegible]								4.3	5.6	5.0
								2.6	4.9	4.0
[illegible]								5.2	5.0	5.0
[illegible]	1.2							25.2	10.1	10.0
[illegible]	1.6							29.0	11.7	12.0
[illegible]								9.3	8.4	8.0
								2.0	8.3	8.0
								2.1	5.6	6.0
[illegible]								2.4	7.6	7.0
//////////								4.0	//////////	
[illegible]	2.7							100.0	8.8	9.0

NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
(N) 350-010	[illegible]	[illegible]	1.7	[illegible]					
020-040	[illegible]	1.2	2.2	.5	.1				
050-070	2.1	1.5	[illegible]	.1					
(E) 080-100	1.4	2.9	.3	.1	.1				
110-130	[illegible]	2.7	.2						
140-160	1.4	[illegible]	[illegible]	.2					
(S) 170-190	[illegible]	[illegible]	14.3	[illegible]	[illegible]				
200-220	[illegible]	[illegible]	[illegible]	5.1	1.1				
230-250	[illegible]	1.5	[illegible]	.2					
(W) 260-280	[illegible]	[illegible]	[illegible]						
290-310	.7	.2	.2						
320-340	[illegible]	1.6	.4	.4					
VARIABLE									
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	[illegible]	31.3	33.1	11.1	[illegible]				

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

STA: TINKER AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
LST: + 6 MONTH: JUN HOURS: 12-14

WIND SPEED IN KNOTS								TOTAL	MEAN	MEDIAN
15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	%	WIND	WIND
.1								5.1	8.2	8.5
.5	.1							6.1	9.5	9.0
.1								4.5	5.4	5.0
.1	.1							4.9	5.0	5.0
								4.4	5.6	5.0
.2								6.6	6.9	7.0
3.6	.9							30.3	10.2	10.0
5.1	1.1							23.1	11.4	12.0
.2								4.9	8.0	10.0
								1.3	7.3	7.5
								1.1	5.1	4.0
.4								3.7	6.7	5.0
//								3.2	//////////	
11.1	2.2							100.0	9.9	9.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION, WAW
USAFFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
FROM SUPPLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	1.3	1.9	1.2	.1					
020-040	2.0	1.6	2.2	.3					
050-070	1.6	2.7	1.0	.2					
(E) 080-100	1.5	3.0	.1						
110-130	3.2	4.4	.2						
140-160	2.5	5.4	1.2						
(S) 170-190	2.1	11.4	13.9	4.2	1.2	.1			
200-220	.1	4.3	7.4	3.3	.3	.1			
230-250	.4	.7	1.3			.1			
(W) 260-280	.7	.4							
290-310	.1	.1	.1						
320-340	.4	.7	.2	.1					
VARIABLE									
CALM	//								
TOTALS	19.7	55.3	33.1	8.2	1.3	.3			

TOTAL NUMBER OF OBSERVATIONS 300

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

STA: TINKER AFB OK — PERIOD OF RECORD: MAR 73 - FEB 83
TZ: + 6 — MONTH: JUN — HOURS: 15-17

	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 OR MORE
N	.1										
NNE	.3										
NE	.2										
ENE											
E											
ESE											
SE	4.2	1.0	.1								
SSE	3.3	.3	.1								
S			.1								
SSW											
SW											
WSW											
W	.1										
WNW											
NW											
NNW											
CALM	//										

	TOTAL %	MEAN WIND	MEDIAN WIND
N	4.6	7.4	8.0
NNE	5.1	7.3	7.0
NE	3.7	6.7	7.0
ENE	4.7	5.5	5.0
E	3.4	5.6	5.0
ESE	9.0	6.4	5.0
SE	34.7	10.7	10.0
SSE	19.1	11.3	12.0
S	2.2	8.6	9.0
SSW	1.1	4.3	4.0
SW	.3	7.3	8.0
WSW	1.4	7.2	7.0
W	////////////	3.7	////////////
WNW	100.0	8.6	8.0
NW			
NNW			

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USARIEAC, ROCKVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBS VALUES

STATION NUMBER: 723543 STATION NAME: TIPKER AFB, OK
LST TO UTC: + 6

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(2) 350-019	1.3	1.7	.5	.2	.1				
020-049	1.4	2.2	1.7	.1					
050-079	1.1	2.4	.7	.2					
(4) 080-109	3.2	1.3	.3						
110-139	7.3	3.1	.4						
140-169	7.1	3.3	1.4	.1					
(6) 170-199	5.4	10.3	10.7	.9	.4				
200-229	1.3	5.1	3.3	.4	.2	.1			
230-259	.4	.2	.1						
(8) 260-289		.1	.1						
290-319	.3	.1	.1						
320-349	.3	.3	.4						
VARIABLE									
CALM	//								
TOTALS	34.3	41.4	20.0	2.4	.7	.1			

TOTAL NUMBER OF OBSERVATIONS 1110

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

AREA OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUN HOURS: 18-20

WIND SPEED IN KNOTS									
1-4	25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
.1							4.1	7.1	7.0
							5.4	7.1	8.0
							5.3	5.5	5.0
							6.0	4.3	4.0
							10.5	4.2	4.0
							15.1	5.0	5.0
.4							31.4	5.6	6.0
.3	.1						11.7	5.0	6.0
							.3	5.4	4.0
							.2	7.5	7.5
							.4	6.5	6.0
							1.1	7.5	6.5
//							6.1	//////////	
.7	.1						100.0	6.5	6.0

TOTAL OBSERVATIONS 990

OPERATING LOCATION: NAW
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUM[illegible]: 723[illegible] STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-48
(N) 350-010	1.9	1.4	1.2		.1				
020-040	1.3	2.3	.3	.1	.1				
050-070	1.2	1.5							
(E) 080-100	.9	1.1	.4						
110-130	.9	1.1	.3						
140-160	1.1	3.3	1.3	.1					
(S) 170-190	7.1	13.7	7.1	1.3	.4				
200-220	1.4	3.1	1.3	.3	.2				
230-250	.4	.3	.1						
(W) 260-280	.1	.1							
290-310		.2	.1						
320-340	.1	.3	.2	.1					
VARIABLE									
CALM	//								
TOTALS	16.2	41.9	13.6	2.4	.3				

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

[illegible] AFB OK PERIOD OF RECORD: MAR 72 - FEB 82
MONTH: JUN HOURS: 21-23

WIND SPEED IN KNOTS							TOTAL %	MEAN WIND	MEDIAN WIND
01-04	05-07	08-10	11-16	17-21	22-27	GE 28			
.1							4.7	5.5	5.0
.1							3.9	5.5	5.0
							3.9	4.5	4.0
							5.6	3.7	3.0
							7.3	3.6	3.0
							17.7	5.2	5.0
.4							15.4	5.1	5.0
.2							7.5	7.7	7.0
							.9	5.3	5.0
							.2	4.0	4.0
							.3	5.7	5.0
							.1	9.7	9.0
//							11.2	//////////	
.3							100.0	5.8	6.0

NUMBER OF OBSERVATIONS 900

OPERATING LOCATION NAM
USAFETAC, ASH-VILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
FROM MONTHLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-6	7-10	11-16	17-21	22-27	28-33	34-40
(N) 350-010	1.5	1.5	1.0	.3	.0	.0	
020-040	1.4	1.7	1.1	.3	.1		
050-070	1.1	1.5	.5	.1			
(E) 080-100	1.3	1.0	.2	.1	.0		
110-130	1.0	1.1	.3	.1			
140-160	1.	1.2	1.2	.1			
(S) 170-190	7.3	15.7	11.1	3.2	.5	.2	
200-220	3.1	4.3	3.6	2.1	.5	.1	
230-250	.5	1.3	.4	.2		.0	
(W) 260-280	.2	.4	.2		.0		
290-310	.4	.4	.1				
320-340	.0	.7	.3	.2			
VARIABLE							
CALM	//						
TOTALS	22.1	31.2	23.1	6.1	1.1		

TOTAL NUMBER OF OBSERVATIONS 7232

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

[illegible] : TINKER AFB OK — PERIOD OF RECORD: MAR 7[illegible] - [illegible]

[illegible] — MONTH: JUN — HOURS: ALL

WIND SPEED IN KNOTS

-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.3	.0		.0					4.4	7.2	6.0
.[illegible]	.[illegible]							[illegible].0	5.[illegible]	5.0
.1								4.3	[illegible].4	6.0
.1	.0							4.3	4.8	4.0
.[illegible]								[illegible].1	4.4	4.0
.1								[illegible].[illegible]	5.7	[illegible].0
.[illegible]	.[illegible]	.0						33.2	[illegible].[illegible]	[illegible].0
[illegible].[illegible]	.[illegible]	.[illegible]						1[illegible].4	1[illegible].[illegible]	10.0
.[illegible]		.[illegible]						[illegible].[illegible]	7.7	7.0
	.[illegible]							.[illegible]	[illegible].[illegible]	5.[illegible]
								.[illegible]	5.0	[illegible].0
.[illegible]								1.[illegible]	[illegible].7	[illegible].0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	7.[illegible]	//////////	//////////
[illegible].1	1.1							100.0	7.3	7.0

[illegible]UMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND NNNNNNNN
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK NNNNNNNN
LST TO UTC: + 6 MONTH: NNNNNNNN

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

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	[illegible]	[illegible]	3.7	1.3	.3		.3		
020-040	[illegible]	[illegible]	1.3						
050-070	[illegible]	[illegible]	[illegible]	.3					
(E) 080-100	1.[illegible]	[illegible]	[illegible]	.7					
110-130	[illegible]	[illegible]	.3						
140-160	[illegible]	7.7	1.7						
(S) 170-190	[illegible].7	11.7	[illegible]	.3	.7				
200-220	[illegible]	[illegible].7	[illegible].7	.3					
230-250	1.[illegible]	1.[illegible]							
(W) 260-280	[illegible]	1.[illegible]							
290-310	.7	1.3	.3						
320-340	1.[illegible]	1.7	1.3	1.0					
VARIABLE									
CALM	/////////////////								
TOTALS	[illegible]4.1	4[illegible].[illegible]	1[illegible].3	3.[illegible]	1.0		.3		

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

[illegible] AFB, OK PERIOD OF RECORD: MAR 79 - FEB 80
MONTH: JUN HOURS: ALL

CEILING LESS THAN 1/2 MILE (0800 METERS).

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

WIND SPEED IN KNOTS								
22-24	25-27	28-33	34-39	40-47	48-55	GE 56	TOTAL	MEAN	MEDIAN
							%	WIND	WIND
.3	.3						16.0	3.2	3.0
							4.3	5.2	4.0
							4.7	4.3	3.5
							5.3	7.1	6.0
							5.3	5.5	6.0
							10.3	6.9	7.0
.7							19.3	5.6	8.0
							8.3	6.3	8.0
							2.0	6.3	6.0
							1.3	6.3	6.5
							2.3	6.3	7.0
							5.0	10.3	9.0
//							3.7	//////////	
1.0	.3						100.0	5.3	7.0

[illegible] OF OBSERVATIONS 300

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIN[illegible]
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIO[illegible]
LST TO UTC: + 6 MONTH:

WIND SPEED IN KNOTS

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	.4	.9	.4						
020-040	1.5	.6	.2						
050-070	1.7	1.1	.1						
(E) 080-100	2.5	.4							
110-130	4.0	1.4	.1						
140-160	4.7	[illegible].7	.2						
(S) 170-190	[illegible]	32.3	1[illegible]	1.2					
200-220	[illegible]	4.7	1.7						
230-250	1.[illegible]	.3	.1						
(W) 260-280	.[illegible]	.1							
290-310	.[illegible]								
320-340	.[illegible]	.1	.2						
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	[illegible]	47.[illegible]	20.3	1.2					

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

[illegible] AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUL HOURS: 00-02

WIND SPEED IN KNOTS							TOTAL %	MEAN WIND	MEDIAN WIND
[illegible]	25-29	30-34	35-39	40-49	50-54	GE 55			
							1.7	5.8	6.5
							2.6	4.9	4.0
							2.9	4.3	4.0
							2.9	3.7	4.0
							4.5	3.7	3.0
							10.9	5.4	5.0
							55.4	7.2	8.0
							7.5	5.7	7.0
							1.4	4.5	4.0
							.4	3.5	2.5
							.2	3.0	3.0
							.5	6.4	6.0
//////////							8.1	//////////	
							100.0	6.5	7.0

[illegible] OF OBSERVATIONS 330

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723960 STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 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) 350-019	1.3	1.1	.6			.1			
020-049	.3	.3							
050-079	1.	.8							
(E) 080-109	1.3	.6	.1						
110-139	1.3	1.3							
140-169	4.3	3.1	.4						
(S) 170-199	3.6	32.3	13.4	.5					
200-229	4.3	4.7	2.3	.2					
230-259	1.4	.3	.2						
(W) 260-289	.4	.1							
290-319	.3	.3	.1						
320-349	.4	.4	.2						
VARIABLE									
CALM	//								
TOTALS	29.1	49.9	17.4	.7		.1			

TOTAL NUMBER OF OBSERVATIONS 930

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

AFB AK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUL HOURS: 03-05

D SPEED IN KNOTS 20	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.1							3.8	6.1	5.0
							1.2	4.3	4.0
							1.7	4.3	4.0
							2.9	3.3	4.0
							2.9	3.8	4.0
							3.9	4.9	4.0
							51.6	7.7	8.0
							13.4	6.6	6.0
							1.3	4.4	4.0
							.5	3.4	3.0
							1.1	4.6	3.0
							1.5	4.6	3.5
//////////	//////////	//////////	//////////	//////////	//////////	//////////	9.6	//////////	//////////
.1							100.0	6.0	7.0

OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 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	1.5	2.0	1.1	.1		.1			
020-040	1.5	.8	.3						
050-070	2.1	.5							
(E) 080-100	2.3	1.1							
110-130	1.7	1.0			.1				
140-160	2.4	2.5	.4						
(S) 170-190	5.5	23.0	11.4	1.4	.1				
200-220	4.3	9.3	3.2	1.3					
230-250	2.4	1.9	1.2						
(W) 260-280	.3	.4							
290-310	.5	.1							
320-340	.4	.4	.1						
VARIABLE									
CALM	//								
TOTALS	25.3	43.4	22.7	2.9	.2	.1			

TOTAL NUMBER OF OBSERVATIONS 980

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

TINKER AFB OK — PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUL — HOURS: 06-09

WIND SPEED IN KNOTS										
	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.1		.1						4.9	7.2	7.0
								2.6	5.0	4.0
								3.1	3.7	3.0
								3.3	4.0	4.0
	.1							3.4	4.7	4.5
								5.3	5.3	5.0
.4	.1							41.5	5.1	5.0
.3								22.2	5.5	5.0
								5.6	5.1	5.0
								.8	4.9	5.0
								.6	3.5	4.0
								1.2	4.9	4.0
//////////								5.7	//////////	
.7	.2	.1						100.0	6.9	7.0

NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASH VILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

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	1.6	1.7	1.3	.2					
020-040	1.3	1.2	.4						
050-070	.9	2.6	.3						
(E) 080-100	1.6	1.7							
110-130	1.7	1.9	.1						
140-160	1.7	2.0	.3						
(S) 170-190	1.6	9.6	6.5	2.3	.2	.2			
200-220	2.2	11.0	17.6	3.4	.6				
230-250	1.4	4.3	5.7	1.2					
(W) 260-280	1.4	1.3	.5						
290-310	.3	.4							
320-340	1.3	1.2	.2						
VARIABLE									
CALM	//								
TOTALS	17.3	33.3	33.1	6.8	.3	.2			

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible] AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUL HOURS: 09-11

WIND SPEED IN KNOTS 20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
							4.9	5.7	5.0
							3.4	5.2	4.0
							3.7	5.8	5.0
							3.3	4.5	5.0
							3.3	4.5	4.0
							4.1	5.3	5.0
.2	.2						20.3	9.4	8.0
.5							34.8	10.5	10.0
							12.7	9.3	10.0
							3.2	5.8	5.5
							.5	5.4	5.0
							2.7	5.0	5.0
//							2.7	//////////	
.3	.2						100.0	8.4	8.0

[illegible] OF OBSERVATIONS 930

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

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	1.3	1.5	1.3						
020-040	1.0	2.5	.9						
050-070	1.	1.9	.4						
(E) 080-100	1.7	1.3	.2						
110-130	1.4	3.3							
140-160	2.6	4.4	1.2	.1					
(S) 170-190	1.5	11.5	12.9	2.6	.5				
200-220	1.7	7.1	13.[illegible]	2.5	.4				
230-250	1.	2.3	2.7	.3					
(W) 260-280	.3	.3	.2						
290-310	.3	.3	.1						
320-340	.5	1.6	.						
VARIABLE									
CALM	/////////								
TOTALS	17.6	30.1	33.3	5.8	.9				

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

AFS JK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUL HOURS: 12-14

D SPEED IN KNOTS 4	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
							4.2	6.7	6.0
							6.3	6.3	6.0
							4.3	6.1	6.0
							3.2	4.7	4.0
							6.7	4.8	6.0
							9.1	6.8	6.0
.0							29.0	9.9	10.0
.4							24.7	10.5	10.0
							6.5	9.0	9.5
							1.1	6.0	4.5
							1.1	5.2	4.0
							2.9	7.0	6.0
//							2.9	//////////	
.0							100.0	8.2	8.0

OF OBSERVATIONS 330

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
FROM MULTIPLY ING VARIABLES

STATION NUMBER: 723040 STATION NAME: TINKER AFB OK
LST TO 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
(1) 350-010	.9	2.4	1.4	.1					
020-040	1.3	2.4	1.3						
050-070	2.7	3.7	.5						
(2) 080-100	1.9	2.2	.2						
110-130	3.1	5.5	.3						
140-160	1.	3.4	3.6						
(3) 170-190	2.7	11.3	19.9	5.3	.1				
200-220	1.1	3.3	3.9	2.9					
230-250	.4	.3	.3						
(4) 260-280	.2	.1	.1						
290-310	.3	.1	.1						
320-340	.3	.4	.1						
VARIABLE									
CALM	//								
TOTALS	15.3	42.5	35.3	6.0	.1				

TOTAL NUMBER OF OBSERVATIONS 283

...Y ... OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
... HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUL HOURS: 15-17

WIND IN KNOTS 30-34	35-39	40-49	50-64	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
					4.6	7.7	7.0
					5.3	5.7	7.0
					5.4	5.4	5.0
					4.0	5.3	5.0
					3.0	5.7	5.0
					14.2	7.1	7.0
					35.2	10.0	10.0
					15.8	11.0	11.0
					1.5	7.5	7.0
					.4	5.0	5.0
					.4	5.8	4.0
					.7	6.4	7.5
//					2.2	//////////	
					100.0	8.3	9.0

OBSERVATIONS 230

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIN
FROM HOURLY OBSERVATIONS

STATION NUM - #: 723140 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

DIRECTION (TRUE)	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	1.4	1.4	.9						
020-040	1.1	1.3	.4	.1					
050-070	.6	1.7	.4						
(E) 080-100	.6	1.7	.2						
110-130	.3	.6	.1						
140-160	1.3	11.3	1.3						
(S) 170-190	3.2	17.1	13.7	.3					
200-220	1.2	2.4	2.3	.3					
230-250	.4	.3	.3	.1					
(W) 260-280	.1		.1						
290-310	.3								
320-340	.3	.1	.1						
VARIABLE									
CALM	//								
TOTALS	11.2	44.2	19.3	1.3					

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible] AFB, [illegible] PERIOD OF RECORD: MAR 79 - FEB [illegible]
MONTH: JUL HOURS: 1-20

WIND SPEED IN KNOTS									
20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
							3.3	5.5	5.0
							7.9	5.1	5.0
							4.7	4.5	4.0
							5.7	4.1	4.0
							10.6	4.3	4.0
							23.3	5.2	5.0
							35.4	.4	0.0
							7.0	3.3	3.0
							1.3	7.2	7.0
							.2	4.0	4.0
							.2	3.5	3.5
							.4	5.5	5.0
//							4.2	//////////	
							100.0	5.3	5.0

OBSERVATIONS 930

OPERATING LOCATION: MAP
USAFETAC, ASH VILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM MILITARY OBSERVATIONS

STATION NUMBER: 723140 STATION NAME: TINKER AFB, OK PERIOD
LST TO UTC: + 6 MONTH:

DIRECTION (TRUE)	WIND SPEED IN KNOTS 1-6	7-10	11-16	17-19	20-24	25-29	30-34	35-39	40-43
(1) 350- 10	.2	.5	.1						
020-040	1.4	.7	.1	.2					
050-070	2.1	.7	.2						
(2) 080-100	3.1	.5	.1						
110-130	7.1	2.4							
140-160	9.1	13.5	1.0						
(3) 170-190	4.0	25.7	12.5	.4					
200-220	1.1	2.1	.3						
230-250	.7	.2	.1						
(4) 260-280	.7	.4							
290-310	.3	.1	.2						
320-340	.7	.1	.1						
VARIABLE									
CALM	//								
TOTALS	33.7	44.3	14.7	.6					

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible] PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUL HOURS: 21-23

WIND SPEED IN KNOTS							TOTAL %	MEAN WIND	MEDIAN WIND
-24	25-29	30-34	35-39	40-49	50-64	GE 65			
							1.0	5.1	5.0
							2.4	5.9	4.0
							3.7	4.3	4.0
							4.4	3.3	2.0
							3.9	3.5	3.0
							20.5	5.2	5.0
							44.1	7.0	8.0
							4.2	5.9	6.0
							.9	5.0	4.5
							.5	5.3	5.5
							.6	5.3	4.5
							.5	5.6	4.0
//							7.4	//////////	
							100.0	5.0	6.0

OF OBSERVATIONS 930

OPERATING LOCATION WAW
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723440 STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 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	1.1	1.6	.9	.1		.0				
020-040	1.7	1.8	.5	.0						
050-070	1.3	1.6	.2							
(E) 080-100	2.4	1.2	.1							
110-130	3.5	2.6	.2		.1					
140-160	4.	5.3	1.3	.2						
(S) 170-190	7.7	22.4	13.2	1.5	.1	.0				
200-220	5.	6.9	5.1	1.3	.1					
230-250	1.7	1.3	1.4	.2						
(W) 260-280	.4	.3	.1							
290-310	.4	.2	.1							
320-340	.3	.5	.2							
VARIABLE										
CALM	//									
TOTALS	23.4	43.2	24.6	3.1	.2					

TOTAL NUMBER OF OBSERVATIONS 7440

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

AFB NK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUL HOURS: ALL

SPEED IN KNOTS									
24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	.0						3.6	5.8	5.0
							3.2	5.5	5.0
							3.7	4.8	4.0
							3.7	4.2	4.0
.							6.2	4.4	4.0
							11.9	5.6	5.0
.1	.0						39.2	8.5	8.0
.1							14.3	9.3	9.0
							4.0	4.1	5.0
							.9	5.5	5.0
							.5	4.9	4.0
							1.3	5.7	5.0
//							5.3	//////////	
.2							100.0	7.0	7.0

OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERI
MONT

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2
AND/OR
VISIBILITY GE 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
(A)	350-010	3.9	7.9	9.4	.8				
	020-040	.4	4.7	1.6					
	050-070	3.1	5.5						
(B)	080-100	2.4	2.4	.4					
	110-130	3.1				.4			
	140-160	2.4	5.5	1.6					
(C)	170-190	.4	9.4	11.4	.8				
	200-220	.4	2.4	.8					
	230-250		.4						
(D)	260-280								
	290-310			.4					
	320-340	.8	2.4	.8					
	VARIABLE								
	CALM	//							
	TOTALS	19.1	41.0	27.6	1.6	.8			

TOTAL NUMBER OF OBSERVATIONS 127

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

WELP AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUL HOURS: ALL

1000 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

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

WIND SPEED IN KNOTS 20-24	25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
							22.0	3.4	3.0
							7.1	7.4	8.0
							6.7	5.9	6.0
							5.5	5.4	5.0
.9							3.9	6.3	4.0
							9.4	6.1	6.0
							22.8	9.2	10.0
							3.9	5.6	6.0
							.8	6.0	6.0
							.8	14.0	14.0
							3.9	7.2	7.0
//							11.0	//////////	
.8							100.0	6.9	8.0

OF OBSERVATIONS 127

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM SUPPLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 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	1.4	1.3	.3	.1					
020-040	1.4	2.5	.4						
050-070	1.5	1.3	.1						
(E) 080-100	1.3	1.3							
110-130	1.3	1.5							
140-160	.7	3.1	.4						
(S) 170-190	7.4	33.4	7.1	.6					
200-220	2.3	4.3	1.3		.1				
230-250	1.1	.2	.1						
(W) 260-280	.3	.2	.1						
290-310	.4	.1							
320-340	.4	.1							
VARIABLE									
CALM	//								
TOTALS	33.4	44.2	9.3	.7	.1				

TOTAL NUMBER OF OBSERVATIONS 432

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

AFB, OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: AUG HOURS: 00-02

D SPEED IN KNOTS							TOTAL	MEAN	MEDIAN
--	25-29	30-34	35-39	40-49	50-64	GE 65	%	WIND	WIND
							3.1	5.3	5.0
							4.4	5.7	5.0
							3.9	4.2	3.5
							4.0	3.5	4.0
							7.1	3.4	3.0
							12.4	4.5	4.0
							45.8	7.0	7.0
.1							8.3	5.6	7.0
							1.4	4.4	3.0
							.6	5.2	4.0
							.5	3.4	3.0
							.3	2.9	3.0
//							7.3	//////////	
.1							100.0	5.5	6.0

OF OBSERVATIONS 930

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

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 MONTH:

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
			WIND SPEED IN KNOTS						
(N) 360-010	1.5	1.0	.5						
020-040	1.0	1.9	[illegible]						
050-070	1.[illegible]	.9	.2						
(E) 080-100	[illegible]	1.[illegible]							
110-130	[illegible].4	.9							
140-160	[illegible]	3.9	.2						
(S) 170-190	[illegible].4	23.4	7.3	.1					
200-220	[illegible].1	7.3	1.9	.4					
230-250	1.[illegible]	.4		.1					
(W) 260-280	.[illegible]	.4							
290-310	.3	.1	.1						
320-340	1.7	.2							
VARIABLE									
CALM	//////////								
TOTALS	31.[illegible]	47.0	19.3	.6					

TOTAL NUMBER OF OBSERVATIONS 9[illegible]0

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

... PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: AUG HOURS: 03-05

SPEED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						3.0	5.5	4.5
						3.7	6.2	6.0
						2.6	4.7	4.0
						4.1	3.9	4.0
						4.3	3.5	4.0
						5.5	4.5	4.0
						44.2	7.0	7.0
						14.0	6.0	6.0
						1.3	4.4	4.0
						.6	5.2	6.0
						.5	5.0	4.0
						1.7	3.4	3.0
//////////	//////////	//////////	//////////	//////////	//////////	10.8	//////////	//////////
						100.0	5.3	6.0

... OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERI
LST TO UTC: + 6 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	2.4	1.9	1.3						
020-040	1.7	2.3	1.3	.1					
050-070	1.	1.4	.4						
(E) 080-100	1.4	1.4	.4						
110-130	.7	1.0	.3	.2					
140-160	.3	2.1							
(S) 170-190	7.5	24.0	7.7	.4	.1				
200-220	4.7	5.9	4.2	.9	.1				
230-250	1.	1.1	.1						
(W) 260-280	.3	.9	.1						
290-310	.	.2							
320-340	1.4	.3							
VARIABLE									
CALM	//								
TOTALS	24.3	47.2	15.4	1.3	.2				

TOTAL NUMBER OF OBSERVATIONS 739

...NCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
...ROM HOURLY OBSERVATIONS

...SR AK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: AUG HOURS: 06-08

...PEED IN KNOTS ... 25-29	30-34	35-39	40-49	50-54	55-99	TOTAL %	MEAN WIND	MEDIAN WIND
						5.5	6.2	6.0
						5.4	6.7	7.0
						3.3	5.3	5.0
						3.2	5.3	5.5
						3.7	4.2	4.0
						5.5	4.3	4.0
						41.2	7.3	7.0
						19.1	7.2	6.5
						2.7	4.7	4.0
						1.1	5.6	5.5
						1.0	3.3	4.0
						1.7	3.6	3.5
//						7.0	//////////	
						100.0	6.1	6.0

...OBSERVATIONS 930

OPERATING LOCATION "A"
USAFRTAC, ASH VILLE, NC

PERCENTAGE FREQUENCY OF HOURLY SURFACE WIN
FROM HOURLY OBSERVATIONS

STATION NUMBER : 72[illegible] STATION NAME : TIMMS AFB, IN
LST TO UTC: + 6

DIRECTION (TRUE KNOTS)	WIND SPEED IN KNOTS 1-4	5-8	9-12	13-18	19-24	25-31	32-38	39-46
(N) 351-013	1.4	2.7	1.3					
014-034	1.7	1.	1.3					
035-057	1.3	2.7	.5	.2				
(NE) 058-079	1.3	1.4	.4					
080-102	1.1	1.2	.5	.2				
103-124	1.1	2.3	.3					
(E) 125-146	1.3	3.4	2.3	1.2	.1			
147-169	3.1	14.1	13.2	2.2	.5			
170-191	1.1	2.6	1.2	.2	.1			
(SE) 192-213	.	1.1	.6					
214-236	.4	.3	.1					
237-258	1.1	1.7	.1					
VARIABLE								
CALM	//							
TOTALS	13.7	41.3	29.2	4.2	.7			

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

...SEA... PERIOD OF RECORD: MAY 79 - FEB 89
MONTH: AUG HOURS: 09-11

WIND SPEED IN KNOTS							TOTAL %	MEAN WIND	MEDIAN WIND
							5.4	5.9	7.0
							4.8	6.1	5.0
							4.9	6.6	7.0
							3.3	5.5	5.0
							3.9	5.7	5.0
							3.0	6.6	5.0
.1							21.3	4.6	4.0
.1							34.7	3.2	3.0
.1							4.3	3.7	10.0
							2.4	5.4	6.0
							.9	4.9	4.5
							2.1	5.3	5.0
//							3.5	//////////	
.1							100.0	7.7	8.0

...OBSERVATIONS 739

OPERATING LOCATION: WAW
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723-43 STATION NAME: TINKER AFB OK
EST TO UTC: + 5

DIRECTION (TO 0.1 DEG)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-45	46
(A) 350-010	.9	2.0	1.4							
020-040	1.7	3.3	.4	.1						
050-070	3.4	1.7	.2							
(B) 080-100	2.3	2.4	.3	.1						
110-130	2.4	2.3	.1							
140-160	2.1	4.4	.3							
(C) 170-190	2.7	11.5	11.1	1.1	.2					
200-220	2.1	.4	.5	2.4	.3					
230-250	.	3.1	4.2	.2						
(D) 260-280	.3	.4	.4							
290-310	.2	.4	.2							
320-340	.2	1.1	.2							
VARIABLE										
CALM	//									
TOTALS	20.2	42.4	20.3	4.3	.5					

TOTAL NUMBER OF OBSERVATIONS 930

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

TINKER AFB OK

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: AUG HOURS: 12-14

WIND SPEED IN KNOTS

	20-24	25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
								4.3	7.6	8.0
.1								6.5	6.4	6.0
								4.5	4.8	4.0
.1								5.8	5.0	5.0
								[illegible]	5.4	5.0
								7.[illegible]	5.9	5.0
.1	.2							26.6	8.9	9.0
.4	.3							22.2	9.5	10.0
.								9.7	9.5	10.0
								1.7	5.1	4.5
								1.2	5.4	5.0
								1.9	6.4	7.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	2.9	//////////	//////////
.	.5							100.0	7.6	8.0

NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723940 STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 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	.6	1.7	1.2	.1					
020-040	2.0	3.4	.7						
050-070	2.1	2.3	1.0						
(E) 080-100	3.4	3.3	.3						
110-130	4.0	4.3	.3						
140-160	3.5	5.0	.5	.1					
(S) 170-190	4.1	14.4	13.4	1.4	.2				
200-220	1.7	4.0	7.5	1.1	.2				
230-250	.5	1.3	1.9	.4					
(W) 260-280	.7	.2	.2		.1				
290-310	.7	.3		.1					
320-340	.3	.3	.2						
VARIABLE									
CALM	//								
TOTALS	23.1	43.3	27.4	3.2	.5				

TOTAL NUMBER OF OBSERVATIONS 930

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

: TINKER AFB OK — PERIOD OF RECORD: MAR 79 - FEB 89

+ 5 — MONTH: AUG — HOURS: 15-17

WIND SPEED IN KNOTS

-19	20-24	25-29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.1								3.5	7.8	8.0
								6.2	6.1	6.0
								6.2	5.6	5.0
								7.3	5.3	5.0
								8.6	5.1	5.0
.1								10.8	5.8	6.0
.4	.2							33.5	8.6	9.0
1.1	.2							15.2	9.6	10.0
.4								4.3	9.1	10.0
	.1							.9	9.1	6.5
.1								.6	6.8	6.5
								.9	6.5	5.5
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	1.9	//////////	//////////
.2	.5							100.0	7.5	7.0

NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

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	.?	1.6	.6	.2					
020-040	1.?	2.?	.?						
050-070	3.?	1.?	.2						
(E) 080-100	?.?	2.6	.1						
110-130	7.?	3.?	.1						
140-160	?.?	7.?	.?	.2					
(S) 170-190	?.?	21.3	?.?	.5					
200-220	1.?	2.2	1.?	.3	.1				
230-250	.?	.?							
(W) 260-280		.1	.2						
290-310	.2	.1							
320-340		.4	.1		.2				
VARIABLE									
CALM	//								
TOTALS	37.?	44.3	10.?	1.2	.3				

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible] AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: AUG HOURS: 18-20

WIND SPEED IN KNOTS							TOTAL %	MEAN WIND	MEDIAN WIND
							3.2	7.4	6.5
							6.2	5.9	5.0
							5.8	4.5	4.0
							3.9	3.9	4.0
							11.3	4.0	4.0
							17.[illegible]	4.[illegible]	4.0
							33.4	7.2	7.0
.1							5.5	[illegible].1	[illegible].0
							1.2	4.7	4.0
							.3	[illegible].3	10.0
							.3	5.0	4.0
.[illegible]							.[illegible]	10.7	[illegible].0
//							[illegible].1	//////////	
.[illegible]							100.0	5.5	5.0

[illegible] OF OBSERVATIONS 930

OPERATING LOCATION WAW
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 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	.3	1.6	.4	.2					
020-040	1.2	2.5	.3	.1					
050-070	3.4	2.0	.3		.1				
(E) 080-100	4.4	2.5	.1						
110-130	7.3	1.9	.1						
140-160	11.7	.5	.1	.1					
(S) 170-190	4.7	24.6	3.7	.5					
200-220	1.7	2.4	.2						
230-250	.1	.4	.1	.1					
(W) 260-280	.2	.2							
290-310	.1	.2							
320-340	.1	.1		.2					
VARIABLE									
CALM	//								
TOTALS	34.2	47.3	9.1	1.2	.1				

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible]OK PERIOD OF RECORD: MAR 79 - FEB 99
MONTH: AUG HOURS: 21-23

SPEED IN KNOTS 22-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						2.5	7.7	6.0
						4.6	6.9	6.0
						5.9	4.9	4.0
						7.0	4.2	4.0
						9.4	3.5	3.0
						20.4	4.9	4.0
						35.7	7.2	7.0
						4.4	6.6	6.0
						1.2	6.0	5.0
						.4	4.5	4.5
						.3	5.7	6.0
						.4	10.3	10.5
//						7.7	//////////	
						100.0	5.4	5.0

OBSERVATIONS 930

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723840 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	1.1	1.7	.3	.1					
020-040	1.5	2.6	.9	.3					
050-070	2.3	1.9	.4	.0	.2				
(E) 080-100	3.1	2.1	.3	.0					
110-130	4.7	2.1	.2	.1					
140-160	3.7	2.1	.5	.1					
(S) 170-190	5.3	20.7	5.7	.7	.1				
200-220	2.7	5.7	4.9	.7	.2				
230-250	1.9	1.2	1.3	.2	.0				
(W) 260-280	.6	.4	.2		.0				
290-310	.4	.2	.1	.0					
320-340	.7	.5	.1	.0	.0				
VARIABLE									
CALM	//								
TOTALS	29.5	45.2	18.0	2.1	.3				

TOTAL NUMBER OF OBSERVATIONS 7440

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

TINKER AFB OK

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: AUG HOURS: ALL

WIND SPEED IN KNOTS

	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
								3.8	6.8	6.0
								5.1	6.3	6.0
	.0							4.6	5.2	4.0
								5.5	4.6	4.0
								6.7	4.3	4.0
								10.9	5.0	5.0
	.1							35.2	7.6	8.0
	.2							15.4	8.3	8.0
	.0							3.7	8.0	8.0
	.0							1.0	6.3	5.0
								.7	4.0	4.0
	.0							1.4	5.4	4.0
	//////	//////	//////	//////	//////	//////	//////	5.9	//////	//////
	.3							100.0	6.3	6.0

...MBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

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 3 MILES (4800

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	1.6	9.3	11.6	.8					
020-040	5.4	17.8	6.2						
050-070	3.1	3.1	.8						
(E) 080-100		1.6	.8						
110-130	.8		3.1						
140-160	4.7	.8	5.4						
(S) 170-190	1.6	5.4	2.3						
200-220	.8		.8	.8					
230-250									
(W) 260-280		.8	.8						
290-310			.8						
320-340		1.6	.8						
VARIABLE									
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	13.0	40.4	33.4	1.6					

TOTAL NUMBER OF OBSERVATIONS 129

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

[illegible] AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: AUG HOURS: ALL

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

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

WIND SPEED IN KNOTS 1-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
							23.3	9.3	10.0
							29.5	6.9	8.0
							7.0	6.1	5.0
							2.3	9.0	9.0
							3.9	10.4	12.0
							10.9	7.0	6.5
							9.3	7.6	8.0
							3.3	10.3	11.0
							1.6	7.5	7.5
							.8	11.0	11.0
							2.3	9.0	9.0
//							7.0	//////////	
							100.0	7.4	8.0

[illegible] OF OBSERVATIONS 129

OPERATING LOCATION: NAM
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM SUPPLY OBSERVATIONS

STATION NUMBER: 723-43 STATION NAME: TIMMS- AFB SK
LST TO UTC: + 6

WIND DIRECTION (TRUE-DEG)	WIND SPEED IN KNOTS 1-4	5-7	11-14	17-19	20-24	25-29	30-34	35-39	40-47	48
(N) 350-010	1.9	2.1	1.9	.4						
020-040	1.5	2.2	1.3	.2						
050-070	1.7	2.2	.2	.1						
(E) 080-100	1.5	1.3	.2							
110-130	4.7	2.3								
140-160	4.2	7.3	.7							
(S) 170-190	5.7	29.2	11.7	1.9						
200-220	4.2	3.5	4.2	.5	.1					
230-250	.4	.1	.2							
(W) 260-280	.2	.1	.1							
290-310	.3	.1								
320-340	1.7	.7	.1							
VARIABLE										
CALM	//									
TOTALS	25.1	42.8	19.4	3.2	.1					

TOTAL NUMBER OF OBSERVATIONS 930

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

AFB, OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: SEP HOURS: 00-02

DIR	SPEED IN KNOTS						TOTAL	MEAN	MEDIAN
	1-24	25-29	30-34	35-39	40-49	50-54	OR MORE	%	WIND	WIND
								3.4	3.1	7.5
								5.0	6.5	6.0
								4.4	5.4	5.0
								3.3	4.2	4.0
								7.1	4.0	4.0
								13.4	5.4	5.0
								37.3	3.5	4.0
.1								9.2	3.5	9.0
								.2	3.1	3.0
								.4	5.3	5.0
								.4	3.3	3.0
								2.4	4.4	4.0
//////								3.7	//////	
.1								100.0	5.5	7.0

TOTAL OBSERVATIONS 900

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

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK PERIOD OF
LST TO UTC: + 6 MONTH: S

DIRECTION (TRUE)	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	3.7	3.2	2.6	.3						
020-040	1.3	1.4	.7	.4						
050-070	1.7	1.9	.1							
(E) 080-100	2.1	1.0	.1							
110-130	3.6	1.1								
140-160	6.4	5.7	.3	.1						
(S) 170-190	9.7	17.1	13.4	.9	.1					
200-220	5.3	3.9	4.7	1.0						
230-250	.7	.7	.1							
(W) 260-280	.8	.2	.1		.1					
290-310	.3	.2								
320-340	1.	1.0	.3			.1				
VARIABLE										
CALM	//									
TOTALS	39.4	37.7	22.1	2.7	.2	.1				

TOTAL NUMBER OF OBSERVATIONS 999

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

AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: SEP HOURS: 03-05

WIND SPEED IN KNOTS									
1-4	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
							7.9	7.7	7.5
							3.9	7.0	6.0
							4.0	4.7	4.5
							3.2	4.0	4.0
							4.6	3.8	4.0
							10.7	5.2	5.0
.1							33.6	4.3	3.0
							12.2	3.2	3.0
							1.5	5.1	5.5
.1							.5	7.4	5.0
							1.0	3.7	4.0
	.1						3.2	5.3	4.0
//							5.6	//////////	
.2	.1						100.0	6.5	5.0

OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND D
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

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	2.5	3.9	2.0	.6	.4					
020-040	1.3	2.1	1.5	.2						
050-070	.9	1.3	.4							
(E) 080-100	3.1	1.7								
110-130	2.1	1.4	.1							
140-160	1.3	1.7	.3							
(S) 170-190	5.2	17.3	15.9	1.5						
200-220	3.3	4.5	4.9	1.4	.3					
230-250	1.4	1.4	.3							
(W) 260-280	.9	.1								
290-310	.1	.3								
320-340	1.5	1.9	.7	.2						
VARIABLE										
CALM	////	////	////	////	////	////	////	////	////	////
TOTALS	24.1	39.4	24.5	4.4	.7					

TOTAL NUMBER OF OBSERVATIONS 360

CY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

K PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: SEP HOURS: 06-08

SPEED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						9.7	8.1	7.0
						5.2	7.9	8.0
						2.7	6.2	6.0
						5.4	4.0	4.0
						3.7	4.4	4.0
						7.4	5.7	5.0
						36.9	8.7	8.0
						13.2	9.3	9.0
						3.6	5.0	4.0
						.4	4.0	4.0
						.4	5.5	6.0
						4.1	6.4	5.0
//						6.7	//////////	
						100.0	7.1	7.0

OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 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	1.4	4.2	3.4	.7	.4				
020-040	1.3	3.1	2.2	.1					
050-070	1.1	1.2	.3						
(E) 080-100	1.0	1.2	.3	.1					
110-130	2.7	1.2	.3						
140-160	1.7	2.2	.2						
(S) 170-190	1.3	10.5	11.7	3.2	.3				
200-220	1.4	6.3	10.6	5.4	1.6				
230-250	1.3	1.9	1.4	.5					
(W) 260-280	.2	.5	.2						
290-310	.2	.1	.2						
320-340	.7	1.6	.6	.3					
VARIABLE									
CALM	//								
TOTALS	16.9	34.4	32.8	10.6	2.3				

TOTAL NUMBER OF OBSERVATIONS 295

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

TINKER AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: SEP HOURS: 09-11

WIND SPEED IN KNOTS 20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.4							10.2	9.3	9.0
							7.0	7.7	7.0
							3.1	5.3	6.0
							4.0	6.2	5.0
							4.2	4.7	4.0
							4.1	5.2	5.0
.4							23.0	10.1	10.0
1.6							25.3	11.5	12.0
							9.4	13.4	13.0
							1.6	7.7	7.5
							.5	5.2	6.0
							3.1	3.5	4.0
//							3.3	//////////	
2.4							100.0	9.1	9.0

NO OF OBSERVATIONS 900

OPERATING LOCATION "AW
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 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	2.0	1.9	3.7	.7	.3					
020-040	2.1	2.8	2.9	.9						
050-070	1.3	1.7	.9	.1						
(E) 080-100	2.3	1.7	.1	.1						
110-130	2.4	1.9	.1							
140-160	1.4	4.3	1.0	.1						
(S) 170-190	2.3	7.8	12.9	3.1	.6					
200-220	1.2	4.9	3.1	4.0	.9					
230-250	.4	1.0	2.3	.9	.4					
(W) 260-280	1.3	.7	.4							
290-310	.7	.6	.1							
320-340	.3	1.0	1.3	.3	.1					
VARIABLE										
CALM	//									
TOTALS	19.7	39.5	33.4	10.3	2.5					

TOTAL NUMBER OF OBSERVATIONS 322

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

T AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: SEP HOURS: 12-14

IND SPEED IN KNOTS									
-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.3							3.6	9.0	10.0
							3.7	8.4	8.0
							4.4	6.2	5.5
							3.9	5.0	4.0
							4.4	4.6	4.0
							7.8	6.5	5.0
.							25.4	10.2	10.0
.							20.7	11.8	12.0
.							4.9	10.3	11.5
							2.1	5.5	5.0
							1.3	4.3	5.0
.1							3.7	9.3	9.0
//							3.1	//////////	
.							100.0	8.9	9.0

F OBSERVATIONS 900

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER #: 723640 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 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	1.?	4.3	3.9	.4	.1				
020-040	1.7	2.9	1.6						
050-070	2.4	3.4	.9						
(E) 080-100	3.1	2.?	.4						
110-130	3.4	2.9							
140-160	3.?	5.2	2.?	.1					
(S) 170-190	2.?	11.5	12.3	3.?	.3				
200-220	.?	3.2	5.?	3.1	.7				
230-250	.?	1.1	1.6	.3	.1				
(W) 260-280	.4	.5	.2						
290-310	.3	.2	.2						
320-340	.?	1.0	.?	.4	.1				
VARIABLE									
CALM	//								
TOTALS	20.7	37.4	33.2	8.5	1.3				

TOTAL NUMBER OF OBSERVATIONS ???

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

AFA OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: SEP HOURS: 15-17

% SPEED IN KNOTS									
	25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
.1							10.0	8.9	8.0
							6.6	7.7	8.0
							5.8	5.6	5.0
							5.6	4.7	4.0
							6.3	4.7	4.0
							10.3	6.5	6.0
.2							30.2	10.2	10.0
.7							14.0	11.8	12.0
.1							8.7	8.0	10.0
							1.2	6.1	7.0
							1.2	5.4	4.0
.1							8.1	8.6	8.5
//							1.6	//////////	
.2							100.0	8.5	8.0

OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERI
LST TO UTC: + 6 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	2.6	4.0	1.9	.7	.1				
020-040	1.5	2.3	.7		.2				
050-070	.6	1.4		.2					
(E) 080-100	4.4	1.6	.3	.2					
110-130	7.6	2.7	.4						
140-160	.7	.9	1.0	.1					
(S) 170-190	.4	15.5	3.1	.7	.1				
200-220	1.4	2.7	1.7	.3	.1				
230-250	.6	.4							
(W) 260-280	.3		.1						
290-310	.7	.1		.1					
320-340	.7	.4	.4						
VARIABLE									
CALM	//								
TOTALS	25.4	35.4	14.4	2.3	.5				

TOTAL NUMBER OF OBSERVATIONS 30

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

TINKER AFB OK — PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: SEP — HOURS: 18-20

WIND SPEED IN KNOTS

20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.1							9.1	7.5	7.0
.2							4.9	6.7	6.0
							7.1	4.2	4.0
							6.6	4.5	3.0
							10.0	4.0	4.0
							14.7	5.1	5.0
.1							23.9	7.0	8.0
.1							6.7	8.2	3.0
							.3	4.6	4.5
							.4	5.0	3.5
							.9	4.6	2.5
							1.6	5.1	5.5
//////////	//////////	//////////	//////////	//////////	//////////	//////////	7.8	//////////	//////////
.5							100.0	5.8	6.0

TOTAL OF OBSERVATIONS 900

OPERATING LOCATION NAME
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72364 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTHS:

DIRECTION (TENS OF 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	3.0	2.2	1.7	.2						
020-040	.3	2.6	1.0	.0						
050-070	3.3	2.1	.1							
(E) 080-100	4.4	1.4	.2							
110-130	.2	2.3	.2							
140-160	.1	3.7	1.1							
(S) 170-190	3.3	13.5	3.7	1.4						
200-220	.3	2.1	1.2	.4	.1					
230-250										
(W) 260-280	.3	.5		.1						
290-310	.2	.1								
320-340	.2	.3	.2							
VARIABLE										
CAL	//									
TOTALS	21.4	34.0	10.2	3.2	.1					

TOTAL NUMBER OF OBSERVATIONS 620

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

PERIOD OF RECORD: JAN 74 - DEC 83
MONTH: SEP HOURS: 21-23

WIND SPEED IN KNOTS							TOTAL %	MEAN WIND	MEDIAN WIND
							7.7	7.2	6.0
							4.3	7.3	7.0
							4.4	4.2	4.0
							4.1	4.0	4.0
							3.3	3.2	4.0
							12.1	5.3	5.0
							31.4	5.5	5.0
.1							5.2	5.3	5.1
							.7	5.3	5.0
							.3	5.7	5.0
							1.7	5.7	5.1
//							.1	//////////	
.1							100.0	6.3	6.1

CALM WINDS 2.8%

PERCENTAGE FREQUENCY OF OCCURRENCE BY WIND SPEED AND DIRECTION
USAFETAC, ASHEVILLE, NC FROM HOURLY OBSERVATIONS

STATION NO: 72340 STATION NAME: FINDLEY AFB, OH PERIOD OF RECORD: 5
LST TO GMT: +5 YEARS: 1948-52

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
(1) 350-10	2.1	3.2	2.4	.8	.2					
20-40	1.3	2.4	1.8	.4	.0					
50-70	.3	1.1	.4	.1						
(2) 80-100	.1	1.4	.4	.1						
110-130	.1	.3	.3							
140-160	.1	.7	.1	.1						
(3) 170-190	5.1	14.7	11.7	3.2	.3					
200-220	1.1	3.4	3.3	2.1	.3					
230-250	.	.3	.7	.2	.1					
(4) 260-280	.3	.3	.1	.1	.0					
290-310	.3	.2	.1	.						
320-340	2.1	1.3	.1	.2	.1	.				
CALM	////									
TOTAL	14.1	37.3	24.4	7.3	1.1					

TOTAL NUMBER OF OBSERVATIONS 32

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

PERIOD OF RECORD: MAR 74 - FEB 79
MONTH: SEP HOURS: ALL

SPEED IN KNOTS								
25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						4.7	3.3	3.0
						5.8	7.6	7.0
						4.6	5.2	4.5
						4.8	4.5	4.0
						6.2	4.2	4.0
						10.9	5.6	5.0
						32.3	8.0	8.0
						13.4	10.4	10.0
						3.4	4.2	3.0
						1.0	6.2	6.0
						.3	4.5	4.0
						2.9	7.1	6.0
//						5.1	//////////	
						100.0	7.3	7.0

OPERATING LOCATION: WAW
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER : 72454 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERIOD:
MONTH:

CEILING (Y): (FEET) (00) BUT LESS THAN 1500 FEET WITH VISIBILITY OF 1/2 MILE AND/OR
VISIBILITY OF 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)	WIND SPEED IN KNOTS 1-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47
(N) 660-1		2.1	2.1	3.5	2.5	1.5			
220-4		3.2	4.2	2.7	.8				
2-0-2		1.1	1.1	.1					
(T) 0-0-1		.1	1.0						
110-1		.1	.7	.2					
1-0-1		.2	.1	.7					
(S) 170-2		.7	.1	5.7	2.5				
2-0-2		1.2	1.0	1.1	1.2	.5			
2-0-2		.1		.7					
(W) 2-0-3		.7	.7			.2			
3-0-3		.2	.5		.2				
3-0-4		1.	1.7	1.2	1.1	.2			
VARIABLE									
CALM		//							
TOTALS		1.6	21.1	19.2	9.2	2.4			

TOTAL NUMBER OF OBSERVATIONS 491

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

TINKER AFB OK — PERIOD OF RECORD: MAY 73 - FEB 89
MONTH: SEP HOURS: ALL

1500 FEET WITH VISIBILITY OF 1/2 MILE (800 METERS).

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

	WIND SPEED IN KNOTS									
	20-24	25-29	30-34	35-39	40-49	50-64	65 OR GT	TOTAL	MEAN WIND	MEDIAN WIND
								22.4	9.8	9.0
								10.7	7.2	7.0
								5.9	4.9	4.5
								4.2	3.2	3.0
								5.0	4.1	4.0
								6.2	5.3	5.0
								16.0	10.1	10.0
								5.2	10.4	9.0
								1.[illegible]	13.4	11.0
								1.7	8.5	8.0
								1.0	7.5	6.5
								7.7	9.5	9.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	3.7	//////////	//////////
								100.0	7.1	7.0

NUMBER OF OBSERVATIONS 401

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723643 STATION NAME: TINKER AFB, OK
LST TO UTC: + 6

DIRECTION (TRUE BRG)	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	2.2	4.2	3.0	.6	.2				
020-040	1.5	3.4	1.7	.4					
050-070	2.1	2.1	.7						
(E) 080-100	1.5	1.2	.1						
110-130	1.1	1.4	.1						
140-160	1.7	4.4	1.4	.1					
(S) 170-190	3.7	15.1	12.7	2.1	.3				
200-220	4.1	8.7	1.7	.4	.4				
230-250	.	.3							
(W) 260-280	1.3	.7	.1						
290-310	.3	.1	.1	.1					
320-340	1.4	2.1	.4	.3	.2				
VARIABLE									
CALM	//								
TOTAL	24.1	54.3	21.5	4.0	1.1				

TOTAL NUMBER OF OBSERVATIONS 730

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

[illegible] PERIOD OF RECORD: MAR 79 - FEB 80
MONTH: OCT HOURS: 00-02

DIR	SPEED IN KNOTS 22-27	28-33	34-39	40-47	48-63	GE 64	TOTAL %	MEAN WIND	MEDIAN WIND
[illegible]							11.0	8.4	8.0
							6.9	7.3	7.5
							5.1	5.0	5.0
							3.9	4.2	4.0
							4.0	4.1	4.0
							8.4	6.5	6.0
							33.3	9.1	9.0
							10.1	7.6	8.0
							1.1	4.0	4.0
							1.3	4.7	4.0
							1.7	7.4	8.0
							4.3	7.3	7.0
//////////							[illegible]	//////////	
							100.0	7.0	7.0

OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72353? STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 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) 350-01?	4.2	4.2	3.1	.9	.2	.1				
020-04?	1.7	3.2	1.?	.6	.1					
050-07?	1.?	2.3	.3							
(E) 080-10?	1.2	1.4	.1							
110-13?	?.?	1.3	.3							
140-16?	?.?	?.?	1.?	.2						
(S) 170-20?	?.?	11.?	13.?	1.?	.2					
200-23?	.7	4.1	?.?		.1					
230-26?	.?	.?	.?	.?						
(W) 260-29?	1.?	.?		.1						
290-32?	1.?	.3	.?		.2					
320-34?	1.	1.?	1.1	.3	.1					
VARIABLE										
CALM	//									
TOTALS	?.?.?	35.7	23.?	4.3	.?	.1				

TOTAL NUMBER OF OBSERVATIONS ???

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

[illegible]OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: OCT HOURS: 03-05

SPEED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.1						11.7	8.2	7.0
						6.6	7.6	7.0
						4.4	5.1	5.0
						2.7	5.4	5.0
						4.7	4.6	4.0
						5.3	6.4	5.0
						31.0	9.4	9.0
						19.5	6.2	6.0
						1.4	7.1	6.0
						1.9	4.7	4.0
						2.4	7.1	4.5
						5.5	7.7	8.0
//						8.5	//////////	
.1						100.0	7.0	7.0

OBSERVATIONS 930

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

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK [illegible]
LST TO UTC: + 6 MONTH:

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 360-010	2.7	4.5	3.9	1.2	.2				
020-040	1.7	2.2	2.2	.3		.3			
050-070	1.	2.4	.2						
(E) 080-100	2.[illegible]	1.4	.3						
110-130	3.1	1.5	.1						
140-160	1.[illegible]	4.1	1.3	.4					
(S) 170-190	[illegible].7	[illegible].0	13.[illegible]	3.1	.3				
200-220	.7	3.5	2.4	.4					
230-250	.[illegible]	.[illegible]	.1						
(W) 260-280	.	.4		.2					
290-310	.[illegible]	.3	.4						
320-340	2.4	2.3	1.1	.2	.2				

VARIABLE

CALM //

TOTAL	27.0	35.[illegible]	25.5	5.9	.7	.3

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

% PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: OCT HOURS: 06-09

SPEED IN KNOTS 25-29	30-34	35-39	40-49	50-54	OR 55	TOTAL %	MEAN WIND	MEDIAN WIND
						12.5	8.5	8.0
.3						6.7	8.7	9.0
						4.4	6.2	6.0
						4.3	4.3	4.0
						4.7	4.3	4.0
						7.3	7.3	6.0
						23.4	9.1	10.0
						12.1	6.7	6.0
						1.1	5.5	5.0
						1.5	5.1	4.5
						2.2	6.4	6.0
						7.2	6.4	6.0
//						5.5	//////////	
.3						100.0	7.4	7.0

OBSERVATIONS 930

DEPLOYED LOCATION MAP
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WI...
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723643 STATION NAME: TIPTON AFB MD PERIOD:
LST TO UTC: + 5 YEARS:

DIRECTION (TOWARDS)	WIND SPEED IN KNOTS 1-4	5-7	11-14	15-17	20-24	25-27	30-34	35-37	40-47
(N) 350-010	1.1	3.3	4.4	1.7	.2				
020-040	1.1	2.7	3.1	.5	.3	.3			
050-070	1.	1.7	.7						
(E) 080-100	1.7	1.5	.3						
110-130	1.3	2.3	.2						
140-160	1.4	1.3	2.4	.1					
(S) 170-190	1.	2.3	11.1	4.1	1.1	.1			
200-220	1.7	4.3	5.3	3.1	.7				
230-250	1.	1.1	2.1	.7	.1				
(W) 260-280	.1	.1	.1						
290-310	.2	.1	.3		.1				
320-340	1.3	2.1	2.1	.4	.1				
VARIABLE									
CALM	//								
TOTALS	14.7	33.3	39.1	10.7	3.3	.4			

TOTAL NUMBER OF OBSERVATIONS 332

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

...AFB, M PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: OCT HOURS: 09-11

...IND SPEED IN KNOTS									
...-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.2							13.1	9.4	9.9
.3	.3						8.3	10.0	10.3
							4.4	5.4	6.0
							4.1	5.9	5.0
							3.5	5.0	5.0
							5.4	7.3	8.0
1.1	.1						25.4	11.1	11.0
.9							10.0	11.6	12.0
.7							7.4	10.4	10.0
							1.5	-.1	-.0
.1							2.3	3.7	3.0
.1							7.1	1.5	3.0
//							2.2	//////////	
...3	.4						100.2	9.5	10.0

...F OBSERVATIONS 232

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 7[illegible]54[illegible] STATION NAME: TINK[illegible] AF[illegible] OK PERIOD:
LST TO UTC: + 6 MONTH:

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.[illegible]	4.[illegible]	[illegible].[illegible]	1.9	.4				
020-040	1.[illegible]	4.[illegible]	[illegible].7	.3	.3	.[illegible]			
[illegible]-070	1.[illegible]	1.[illegible]	1.1	.[illegible]					
(E) [illegible]-100	1.[illegible]	1.1	.[illegible]	.1					
110-1[illegible]	1.[illegible]	[illegible].[illegible]	.[illegible]						
1[illegible]-1[illegible]	.[illegible]	[illegible].[illegible]	1.[illegible]	.[illegible]					
(S) 17[illegible]-1[illegible]	1.[illegible]	[illegible].	[illegible].[illegible]	[illegible].1	1.[illegible]	.[illegible]			
[illegible]-[illegible]	1.	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	1.[illegible]				
[illegible]-[illegible]	.[illegible]	1.	[illegible].[illegible]	.[illegible]	.[illegible]	.[illegible]			
(W) [illegible]-[illegible]	.[illegible]	.[illegible]	.1	.[illegible]	.[illegible]		.1		
[illegible]-[illegible]1	[illegible].1	.[illegible]	1.[illegible]	.[illegible]					
[illegible]-[illegible]	1.[illegible]	[illegible].[illegible]	[illegible].[illegible]	1.[illegible]					

VARIABLE

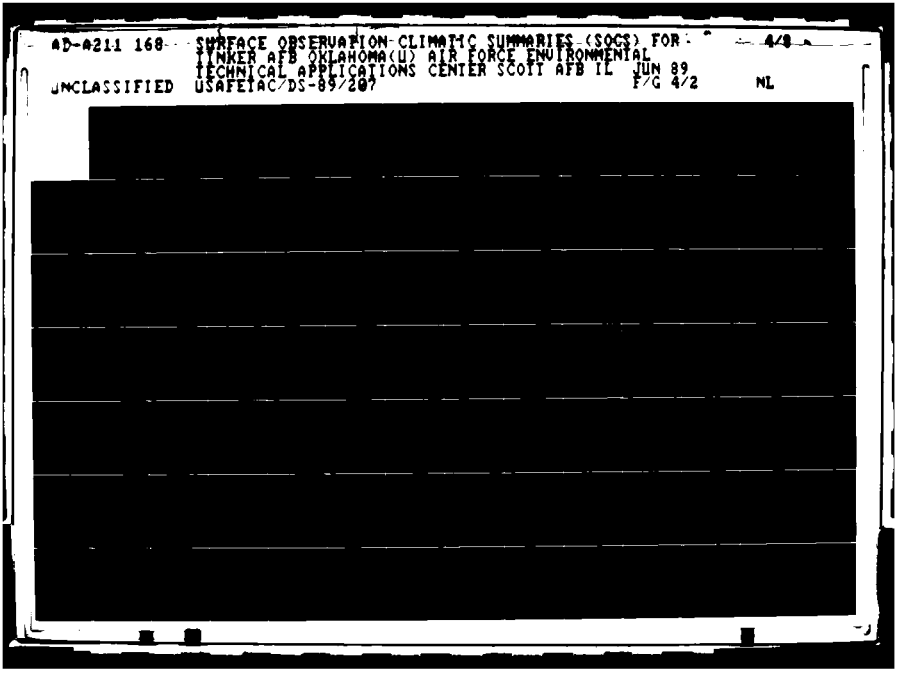
CALM	//

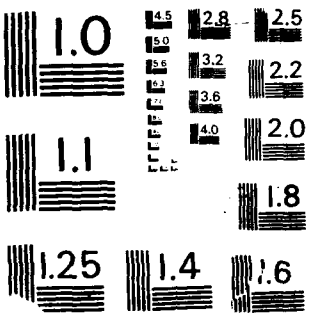
TOTALS	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	1[illegible].[illegible]	[illegible].[illegible]	.[illegible]	.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

AD-A211 168 SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR TINKER AFB OKLAHOMA(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT AFB IL JUN 89 4/8

UNCLASSIFIED USAFETAC/DS-89/207 F/G 4/2 NL




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
5.6

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

PERIOD OF RECORD: MAR 70 - FEB 89
MONTH: OCT HOURS: 12-14

WIND SPEED IN KNOTS									
1-24	25-27	28-30	31-33	34-40	41-47	48-55	TOTAL %	MEAN WIND	MEDIAN WIND
.4							12.6	10.4	10.0
.3	.2						9.1	8.7	8.0
							6.2	9.9	9.0
							3.0	6.1	5.5
							4.2	6.1	6.0
							4.5	6.5	6.0
1.0	.2						22.9	11.7	11.5
1.2							14.4	11.7	12.0
.9	.1						9.1	11.0	10.0
.3		.1					1.9	10.4	7.0
							8.2	7.9	7.5
							9.1	10.1	10.0
//							1.7	//////////	
.9	.5	.1					100.0	10.0	10.0

NUMBER OF OBSERVATIONS 932

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

STATION NUMBER: [illegible] STATION NAME: TINKER AFB OK [illegible]

LST TO UTC: + 6 MONTH: [illegible]

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	[illegible]
(N) 350-010	[illegible]	4.7	[illegible]	1.9	.5	.1				
020-040	1.9	3.7	1.0	.1	.2					
050-070	[illegible]	2.7	1.1	.1						
(E) 080-100	1.3	1.4	.2	.1						
110-130	1.7	1.5	.4							
140-160	1.7	2.2	[illegible]	[illegible]						
(S) 170-190	1.7	7.3	12.4	3.4	1.4					
200-220	.9	5.2	[illegible]	[illegible]	.5					
230-250	[illegible]	2.2	1.7	.2	.2					
(W) 260-280	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]				
290-310	[illegible]	.3	.3	[illegible]	.1					
320-340	1.1	2.4	[illegible]	[illegible]	.2					
VARIABLE										
CALM	//////////									
TOTALS	[illegible]	33.7	34.1	[illegible]	3.4	.3				

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

[illegible] AFB OK PERIOD OF RECORD: MAR 73 - FEB 83
MONTH: OCT HOURS: 15-17

WIND SPEED IN KNOTS									
	20-24	25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
[illegible]	.5	.1						15.5	10.1	10.0
[illegible]	.2							7.7	7.5	7.0
[illegible]								[illegible]	[illegible]	[illegible]
[illegible]								3.0	5.9	6.0
								3.4	5.4	4.5
[illegible]								5.2	7.3	7.0
[illegible]	1.4							25.2	10.9	10.0
[illegible]	.5							13.5	10.4	10.0
[illegible]	.2							[illegible]	[illegible]	[illegible]
	[illegible]	.2						1.[illegible]	10.9	10.0
[illegible]	.1							1.6	[illegible]	[illegible]
[illegible]	.2							[illegible]	10.1	10.0
//								2.0	//////////	
[illegible]	3.4	.3						100.0	9.2	9.0

[illegible] OF OBSERVATIONS 230

OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND
USAFETAC, ASHEVILLE, NC — FROM MODEL CONSOLIDATED

STATION NUMBER: 72[illegible] STATION NAME: [illegible] AFB OK — YEARS:
LST TO UTC: + [illegible] — MONTH:

DIRECTION (TRUE)	1-4	5-7	10-14	15-19	20-24	25-29	30-34	35-39	40-43	44-
	WIND SPEED IN KNOTS									
(N) 350-01	[illegible]	[illegible]	3.[illegible]	1.3	.4					
020-04	[illegible]	2.4	1.[illegible]	.[illegible]	.1					
[illegible]	[illegible]	1.[illegible]	.3							
(E) [illegible]	[illegible]	.[illegible]	.2							
110-13	[illegible]	1.1	1.[illegible]							
140-16	[illegible]	[illegible]	1.[illegible]	.2						
(S) 170-19	[illegible]	[illegible]	[illegible]	.[illegible]	.1					
200-23	1.[illegible]	[illegible]	1.[illegible]	.2						
230-26	.[illegible]	.1								
(W) 260-29	.[illegible]	.1	.1							
290-32	.[illegible]	.1	.[illegible]							
320-34	1.[illegible]	1.4	1.[illegible]	.1	.[illegible]	.[illegible]				
VARIABLE										
CALM	//									
TOTALS	11.[illegible]	37.2	1[illegible].4	3.[illegible]	.[illegible]	.1				

TOTAL NUMBER OF OBSERVATIONS [illegible]930

...NCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
... HOURLY OBSERVATIONS

...TION   PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: OCT   HOURS: 18-20

WIND SPEED IN KNOTS							TOTAL %	MEAN WIND	MEDIAN WIND
...-24	25-29	30-34	35-39	40-49	50-64	GE 65			
..							15.5	8.0	7.0
.1							5.6	7.3	6.0
							4.4	4.6	4.0
							4.0	3.6	3.0
							5.2	5.0	4.0
							12.3	5.4	5.0
.1							30.9	7.8	7.0
							5.0	7.5	7.5
							.3	4.2	4.0
							.9	4.6	4.0
							1.0	5.4	4.0
..	.1						4.7	7.5	5.5
//							6.2	//////////	
.	.1						100.0	6.3	6.0

...F OBSERVATIONS 930

PREPARED LOCALLY NAW
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM MILITARY MET RATINGS

STATION NUMBER: 72306 STATION NAME: KINSTON AFB, NC
LST IN GTC: + 5

DIRECTION (TRUE)	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) 350-21	2.3	4.2	3.4	.6	.0					
22-34	1.4	2.3	1.3	.						
35-47	1.7	1.7	.5	.1						
(E) 48-1	1.3	1.5								
11-1	1.1	1.3	.4							
14-1	1.3	1.5	1.5	.3						
(S) 17-1	1.3	1.2	11.3	2.0	.4					
2 -2	1.1	2.3	1.3	.5						
24-2	.6	.2								
(W) 25-2	.3	.1								
29-32	.3	.1								
33-3	1.3	1.0	.5	.4	.1					
VARIABLE										
CALM	//									
TOTALS	15.7	40.3	21.3	4.9	1.0					

TOTAL NUMBER OF OBSERVATIONS

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

[illegible] PERIOD OF RECORD: MAR 73 - FEB 89
MONTH: OCT HOURS: 21-23

WIND SPEED IN KNOTS									
	1-24	25-27	28-34	35-39	40-47	48-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
	.3							12.5	3.2	3.0
								7.0	3.3	3.0
								5.1	4.9	4.0
								3.6	4.2	4.0
								5.4	4.3	4.0
								11.9	5.7	5.0
	.4							33.6	9.0	9.0
								5.2	8.0	8.0
								.5	9.2	8.0
								1.0	8.0	8.0
								.5	8.1	8.0
	.1							4.5	7.5	5.5
	//////////							2.0	//////////	
	1.0							100.0	7.0	7.0

NO. OF OBSERVATIONS 930

OPERATIONAL CLIMATIC DATA
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM ASSOCIATED OBSERVATIONS

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

WIND DIRECTION	WIND SPEED IN KNOTS 1-3	4-6	7-10	11-16	17-19	20-24	25-27	28-33	34-40	41-47
(000-005)										
(N) 350-010	1.6	4.9	4.1	1.3	.3	.0				
020-040	1.7	3.2	1.4	.3	.1	.1				
045-075	.7	2.1	.4	.1						
(E) 080-105	1.3	1.3	.2	.0						
110-130	.4	1.2	.4							
135-155	.2	.9	1.4	.3						
(S) 160-185	.1	11.1	11.9	2.4	.7	.2				
190-210	.2	4.1	2.7	1.3	.4					
215-245	.	.2	.2	.1	.1	.1				
(W) 250-275	.2	.4	.2	.1	.1	.1	.0			
280-310	.2	.4	.3	.1	.1					
315-345	1.2	2.1	1.7	.4	.1	.2				
VARIABLE										
CALM	//									
TOTALS	7.3	35.3	27.1	7.3	2.0	.1				

TOTAL NUMBER OF OBSERVATIONS 7441

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

[illegible] PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: OCT HOURS: ALL

SPEED IN KNOTS									
[illegible]	25-29	30-34	35-39	40-47	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.3	.3						13.1	6.9	6.0
.1	.1						7.4	6.3	6.0
							4.7	5.3	5.0
							3.4	4.9	4.0
							4.4	5.0	4.0
							3.1	6.7	6.0
.7	.3						29.1	9.7	10.0
.4							11.7	8.3	8.0
.2	.2						2.9	8.4	8.0
.1	.1	.1					1.5	7.2	6.0
.1							1.3	7.2	6.0
.1	.2						5.3	8.4	8.0
//							5.5	//////////	
.3	.1						100.0	7.9	8.0

[illegible] OBSERVATIONS 7440

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

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

CEILING VS VISIBILITY (FEET AND STATUTE MILES)

VISIBILITY IN 1/2 MILE (0-800 METERS) AND LESS [illegible]

CEILING (HUNDREDS OF FEET)	WIND SPEED IN KNOTS 1-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55
(C) 85+	1.2	5.3	7.2	1.2	.2				
70-84	1.7	4.5	5.4	.1					
60-69	1.1	3.2	.6						
(C) 50-59	4.3	1.	.6						
40-49	2.3	2.	1.3						
30-39	1.6	4.7	2.7	.2					
(C) 17-29	1.3	.3	11.	.6					
12-16	1.2	3.2	2.6	.7	.1				
8-11	.3	.2	.1	.1					
(C) 200-800	.6		.1						
100-175	.6	.1	.3						
000-099	.2	3.7	4.1	.4	.2	.1			
VARIABLE									
CALM	//								
TOTALS	20.2	35.5	34.4	3.2	.7	.1			

TOTAL NUMBER OF OBSERVATIONS [illegible]

FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: MAR 74 - FEB [illegible]
MONTH: OCT HOURS: ALL

CEILING AND VISIBILITY OF 1/2 MILE OR GREATER.

CEILING LESS THAN 1 MILE (400 METERS) WITH CEILING OF 200 FEET.

WIND SPEED IN KNOTS							TOTAL	MEAN	MEDIAN
							%	KNOTS	KNOTS
							17.3	9.6	10.0
							7.3	7.5	7.0
							6.1	5.5	6.0
							7.3	6.4	6.0
							5.5	5.3	5.0
							7.1	7.5	8.0
							22.4	8.7	10.0
							9.3	8.1	9.0
							1.3	7.1	6.0
							.5	6.4	7.0
							.3	6.5	6.0
.2	.1						4.4	10.1	10.0
//							4.4	//////////	
.7	.1						100.0	7.9	8.0

OBSERVATIONS 317

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

[illegible] PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: NOV HOURS: 00-02

SPEED IN KNOTS						TOTAL %	MEAN WIND	MEDIAN WIND
.7						14.5	9.7	10.0
						5.0	7.6	7.0
						4.7	5.3	4.0
						.4	3.6	4.0	
						1.9	5.2	4.0
						9.7	7.0	6.0
.7						24.2	9.7	10.0
.7	.1					12.1	8.5	6.0
						1.1	4.0	4.0
						1.6	4.0	3.5
.7						4.4	6.7	4.0
.7						7.1	7.1	6.0
//						7.1	//////////////	
.7	.1					100.0	7.4	8.0

[illegible] OBSERVATIONS 900

PREPARING LOCATION: NAW
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DI
FROM ASHEVILLE, NC

STATION NUMBER: 723136

STATION NAME: TIMMERMAN AFLD OK
LST TO UTC: + 6

PERIOD OF
MONTH: JA

DIRECTION (TRUE)	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	1.7	3.9	5.3	2.9	.1						
020-040	1.2	3.1	1.7	.1							
050-070	.4	.6	.3								
( ) 080-100	1.3	.9									
110-130	.7	1.1	.3	.1							
140-160	1.2	1.3	.7	.1							
(S) 170-190	1.3	4.7	13.3	1.4							
200-220	1.1	1.7	3.4	1.4	.7						
230-250	1.0	1.2	.2	.3	.1						
(W) 260-280	1.3	.7									
290-310	2.4	.3	.4	.4							
320-340	1.9	1.7	3.4	.3	.1						
VARIABLE											
CALM	//										
TOTALS	24.2	21.1	34.2	7.3	1.0						

TOTAL NUMBER OF OBSERVATIONS 295

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

...AFB, NY PERIOD OF RECORD: MAR 73 - FEB 89
MONTH: NOV HOURS: 03-05

DIR	SPEED IN KNOTS						TOTAL %	MEAN WIND	MEDIAN WIND
	1-3	4-21	22-33	34-40	41-47	48-55			
10							14.6	9.0	10.0
20							6.3	7.3	8.0
30							2.0	5.1	5.0
40							2.3	3.9	4.0
50							2.0	5.0	5.0
60							5.6	5.7	4.0
70							27.6	9.5	10.0
80	.7						14.4	3.7	7.0
90	.4						2.9	7.1	6.0
100							1.7	4.7	4.0
110							4.3	6.7	4.0
120	.1						3.4	8.3	9.0
130									
140									
150									
160									
170									
180									
190									
200									
210									
220									
230									
240									
250									
260									
270									
280									
290									
300									
310									
320									
330									
340									
350									
360									
CALM	//						7.9	//////////	
TOTAL							100.0	7.7	8.0

NUMBER OF OBSERVATIONS 900

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723[illegible] STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 MONTH:

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-43	44-
			WIND SPEED IN KNOTS							
(N) 350-010	2.7	4.1	7.1	1.5	.3	.3				
020-040	.3	3.3	1.7	.4						
050-070	.7	.3	.6							
(E) 080-100	1.2	1.3								
110-130	1.4	1.3	.3							
140-160	1.4	3.4	1.2	.3	.1					
(S) 170-190	2.3	12.3	13.4	2.3	.3					
200-220	3.2	4.2	2.3	1.2	.4					
230-250	1.1	1.3	1.1	.3						
(W) 260-280	1.2	.7	.1							
290-310	.7	.3	.7	.2						
320-340	2.7	2.	3.6	.	.1					
VARIABLE										
CALM	//									
TOTALS	19.3	32.3	33.3	7.7	1.2	.3				

TOTAL NUMBER OF OBSERVATIONS 299

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

...K PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: NOV HOURS: 06-09

SPEED IN KNOTS						TOTAL %	MEAN WIND	MEDIAN WIND
...3	.3					16.1	10.0	10.0
						5.7	8.9	8.0
						2.1	6.4	6.0
						2.2	4.6	4.0
						2.7	5.1	4.5
.						4.4	7.2	6.0
.						26.7	9.5	10.0
..						12.1	8.6	7.0
						8.5	7.7	6.0
						2.7	6.3	5.0
						1.9	7.8	9.0
.						9.1	8.5	7.0
//						3.1	//////////	
.	.3					100.0	7.9	8.0

...SERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER : 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

DIRECTION (TRUE-TS)	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	1.4	3.8	6.1	2.6	.9	.2			
020-040	1.2	3.0	2.7	.3					
050-070	1.1	1.5	.4						
(E) 080-100	.3	1.5							
110-130	1.4	.4	1.0						
140-160	.	2.2	1.5	.3					
(S) 170-190	.3	4.7	8.9	4.0	.9	.2			
200-220	1.1	4.5	5.	2.4	2.7				
230-250	1.1	2.	1.3	.4	.4				
(W) 260-280	.3	.7	.3						
290-310	.3	1.3	.3		.2				
320-340	.7	3.3	3.7	1.1	.3	.3			
VARIABLE									
CALM	//								
TOTALS	14.2	32.7	33.4	12.3	5.7	.3			

TOTAL NUMBER OF OBSERVATIONS 739

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

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: NOV HOURS: 09-11

DIR-SPD IN KNOTS 25-33	34-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.2						15.3	11.2	11.0
						7.7	8.8	8.0
						3.1	6.3	6.0
						2.4	5.4	5.0
						2.9	6.3	4.5
						4.9	8.3	8.0
.2						21.6	11.4	11.0
						17.6	12.2	12.0
						5.3	8.6	7.5
						1.9	7.3	6.0
						3.0	8.7	8.0
.3						11.4	10.4	10.0
//						2.0	//////////	
.3						100.0	10.0	10.0

OBSERVATIONS 900

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	1.[illegible]	4.0	7.[illegible]	2.9	1.5				
020-040	1.2	1.5	3.1	.4					
050-070	.6	.9	.1						
(E) 080-100	1.1	.7	.1						
110-130	.[illegible]	1.2							
140-160	.[illegible]	1.9	1.2		.1				
(S) 170-190	.[illegible]	5.[illegible]	[illegible].7	4.4	1.[illegible]	.2	.1		
200-220	1.7	5.7	5.[illegible]	4.3	2.4	.4			
230-250	.4	1.7	2.2	.4	.[illegible]	.1			
(W) 260-280	.[illegible]	1.1	1.[illegible]	.4	.2				
290-310	1.[illegible]	1.[illegible]	1.[illegible]						
320-340	1.1	2.[illegible]	5.2	2.3	.7	.[illegible]			
VARIABLE									
CALM	//////////								
TOTALS	12.2	27.4	35.2	15.1	6.6	1.3	.1		

TOTAL NUMBER OF OBSERVATIONS 900

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

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: NOV HOURS: 12-14

SPEED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						17.2	11.3	10.0
						6.3	9.0	10.0
						1.6	5.6	6.0
						1.7	4.6	4.0
						2.0	4.8	5.0
						4.0	7.6	8.0
.2	.1					21.2	11.8	12.0
.4						19.1	12.7	12.0
.1						6.7	11.0	11.0
						3.7	9.5	9.0
						3.6	7.4	7.5
.2						12.7	12.0	12.0
//						1.1	//////////	
1.3	.1					100.0	10.8	10.0

OBSERVATIONS 900

OPERATING LOCATION "WAW"
USAFFIAC, ATTEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM [illegible] OBSERVATIONS

STATION NUMBER: 723340 STATION NAME: FINGER AFB NC
LST TO UTC: + 6

PERIOD
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) 350-21	.3	5.3	4.4	2.3	1.0					
020-047	.2	2.4	1.3	.7						
05[illegible]-07[illegible]	.	1.0	.2	.1						
(E) 080-1[illegible]	1.2	1.0								
11[illegible]-1[illegible]	.7	.4								
14[illegible]-1[illegible]	1.2	2.4	1.1	.1						
(S) 170-1[illegible]	.4	4.7	2.6	3.2	.9					
200-23[illegible]	.2	4.4	3.4	1.4	.6	.3				
23[illegible]-26[illegible]	1.1	2.7	2.2	.7	.3	.1	.2			
(W) 260-2[illegible]	.3	1.2	.4							
29[illegible]-31[illegible]	1.1	.9	.2	.3	.1					
32[illegible]-34[illegible]	2.1	4.1	4.4	1.4	.4	.2				
VARIABLE										
CALM	//									
TOTALS	14.2	44.3	32.4	11.3	3.5	.9	.2			

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

...N PERIOD OF RECORD: MAR 74 - FEB 79
MONTH: NOV HOURS: 15-17

SPEED IN KNOTS 25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
						18.0	11.0	11.0
						5.6	8.4	8.0
						2.1	6.4	6.0
						2.2	4.4	4.0
						1.1	3.9	3.5
						6.0	7.3	7.0
						25.7	10.4	10.0
.3						12.9	10.1	9.0
.1	.2					7.0	10.2	9.0
						1.9	7.5	6.0
						3.3	8.5	8.0
.3						13.3	10.4	10.0
//						1.9	//////////	
.3	.2					100.0	9.6	9.0

OBSERVATIONS 900

OPERATING LOCATION: [illegible]
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE, SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723[illegible] STATION NAME: [illegible] PERIOD:
LST TO UTC: + 5 YEARS:

DIRECTION (BEARING)	WIND SPEED IN KNOTS 1-4	5-9	10-16	17-21	22-27	28-33	34-40	41-47
(1) [illegible]	4.1	5.3	5.4	1.7	.4			
[illegible]	.[illegible]	2.4	1.[illegible]	.2	.1			
[illegible]	[illegible]	1.[illegible]						
(2) [illegible]	[illegible]	.7						
[illegible]	[illegible]	.4						
[illegible]	[illegible]	[illegible]	[illegible]	.4	.1			
(3) [illegible]	[illegible]	13.[illegible]	7.	1.[illegible]	.2			
[illegible]	[illegible]	[illegible]	1.[illegible]	.	.1			
[illegible]	.7	.7	.7	.1				
(4) [illegible]	.[illegible]	.2		.[illegible]	.3			
[illegible]	.[illegible]	.[illegible]	.4	.2				
[illegible]	[illegible]	[illegible]	[illegible]	1.1	.1			
VARIABLE								
CALM	//							
TOTAL	[illegible]	34.[illegible]	23.1	5.1	1.3			

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

[illegible] AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: NOV HOURS: 18-20

WIND SPEED IN KNOTS									
1-24	25-27	28-33	34-39	40-47	48-54	55-63	TOTAL %	MEAN WIND	MEDIAN WIND
.4							12.1	5.9	6.0
.1							6.1	6.4	6.0
							3.3	3.9	4.0
							3.7	3.5	3.0
							3.4	4.1	4.0
.1							3.7	7.0	6.0
.1							25.1	8.5	8.0
.1							4.1	7.2	6.0
							2.1	7.4	7.0
.3							1.7	6.9	6.0
							2.2	7.5	7.0
.1							1.4	8.2	7.0
//							.7	//////////	
1.0							100.0	7.1	7.0

[illegible] OF OBSERVATIONS 730

OPERATING LOCATION [illegible]
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72[illegible] STATION NAME: TINKER AFB OK
LST TO UTC: + 6

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	[illegible]	4.[illegible]	[illegible]	2.7	.4				
020-040	1.5	2.[illegible]	1.[illegible]						
050-070	[illegible].1	1.[illegible]							
(E) 080-100	[illegible]	.[illegible]							
110-130	[illegible]	2.1	.1						
140-160	[illegible]	4.[illegible]	1.1	.[illegible]					
(S) 170-190	[illegible]	[illegible]	11.[illegible]	2.[illegible]	.[illegible]	.1			
200-220	.[illegible]	[illegible].7	1.[illegible]	1.[illegible]	.2				
230-250	.[illegible]	.4	.[illegible]	.[illegible]					
(W) 260-280	1.	.[illegible]	.1	.1		.1			
290-310	1.[illegible]	1.3	.4	.4	.1				
320-340	.[illegible]	1.[illegible]	1.[illegible]	.[illegible]	.4	.1			

VARIABLE

CALM //

TOTALS	[illegible]	[illegible]	[illegible]	[illegible].7	1.[illegible]	.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

PERIOD OF RECORD: MAR 73 - FEB 83
MONTH: NOV HOURS: 21-23

WIND SPEED IN KNOTS							TOTAL %	MEAN WIND	MEDIAN WIND
							15.3	9.5	10.0
							5.0	7.6	8.0
							3.1	4.0	3.5
							2.7	4.0	3.5
							5.1	4.6	4.0
							3.3	7.0	7.0
							27.0	10.0	10.0
							3.7	7.9	6.0
							1.5	6.0	6.0
							2.1	6.7	6.0
							3.6	7.8	6.5
							7.0	4.9	3.0
//							7.9	//////////	
							100.0	7.6	7.0

[illegible] OBSERVATIONS [illegible]

OPERATIONAL LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF SURFACE WIND
FOR JULY 1965 - 1974

STATION NUMBER: 723140

STATION NAME: HICKAM AFB, HI

LST TO UTC: + 6

DIRECTION	WIND SPEED IN KNOTS									
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-43	7
(MAGNETIC)										
(N) 350-010	2.5	4.4	5.3	2.3	.7	.1				
020-040	1.2	2.5	2.6	.4	.2					
050-070	1.0	1.1	.3	.0						
(E) 080-100	1.3	.5	.0							
110-130	1.4	.4	.3	.2						
140-160	2.7	3.7	1.4	.3	.1					
(S) 170-190	2.4	5.5	10.3	2.7	.5	.1	.0			
200-220	.6	4.2	3.2	1.0	1.2	.1				
230-250	.6	1.4	.3	.3	.2	.1	.1			
(W) 260-280	.3	.7	.4	.1	.1	.1				
290-310	1.1	1.7	.7	.3	.1					
320-340	2.2	3.1	3.3	1.2	.3	.1				
VARIABLE										
CALM	//									
TOTALS	.2	41.3	23.1	9.6	2.9	.4				

TOTAL NUMBER OF OBSERVATIONS 7233

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

[illegible] AFB, IA — PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: NOV HOURS: ALL

WIND SPEED IN KNOTS 20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.7	.1						16.2	10.2	10.0
.[illegible]							[illegible].0	[illegible].3	[illegible].0
							[illegible].7	[illegible].3	[illegible].0
							[illegible].2	[illegible].3	[illegible].0
							[illegible].[illegible]	[illegible].0	[illegible].0
.[illegible]							[illegible].7	[illegible].1	[illegible].0
.[illegible]	.1	.[illegible]					[illegible].5	[illegible].0	[illegible].0
[illegible].[illegible]	.1						[illegible].3	[illegible].[illegible]	[illegible].0
.[illegible]	.[illegible]	.[illegible]					[illegible].[illegible]	[illegible].[illegible]	[illegible].0
.1	.[illegible]						[illegible].1	[illegible].2	[illegible].0
.1							[illegible].3	[illegible].5	[illegible].0
.[illegible]	.1						[illegible].[illegible]	[illegible].[illegible]	[illegible].0
//							[illegible].7	////////////	
[illegible].[illegible]	.4						100.0	[illegible].6	[illegible].0

[illegible] OF OBSERVATIONS 7200

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

STATION NUMBER: 723[illegible] STATION NAME: TINKER AFB OK [illegible]
LST TO UTC: + 6 [illegible]

CATEGORY [illegible]: CEILING OF 200 BUT LESS THAN 1500 FEET WITH VISIBILITY [illegible] 1/2 [illegible]
AND/OR
VISIBILITY OF 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4[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) 360-010	1.	[illegible].1	15.1	6.[illegible]	1.1				
020-040	1.[illegible]	[illegible]	[illegible]	1.5					
050-070	1.	1.1	.7						
(E) 080-100	1.4	.[illegible]							
110-130	1.7	.5	.1						
140-160	1.	[illegible]	1.4	.1					
(S) 170-190	.[illegible]	3.7	[illegible].1	[illegible]	.[illegible]				
200-220	.[illegible]	1.7	4.[illegible]	.5					
230-250	.7	.[illegible]	.[illegible]	.4			.1		
(W) 260-280	.4	.7	.1		.1				
290-310	.[illegible]	.5	.7	.2	.1				
320-340	.[illegible]	2.7	4.[illegible]	1.4	.4	.1			
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	13.[illegible]	26.[illegible]	43.1	12.4	1.9	.1	.1		

TOTAL NUMBER OF OBSERVATIONS 103[illegible]

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

TINKER AFB OK — PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: NOV HOURS: ALL

(1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
(800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING OF 200 FEET.

WIND SPEED IN KNOTS 17-19	20-24	25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
.4	1.1							30.6	11.9	12.0
1.5								14.9	9.0	9.5
								3.7	5.5	4.5
								2.3	4.3	4.0
								3.5	3.5	4.0
.1								5.5	6.9	5.0
.1	.2							15.4	11.2	12.0
.5								7.1	10.6	11.0
.9			.1					2.5	5.5	5.0
	.1							1.3	7.2	7.0
.2	.1							1.8	9.3	10.0
1.4	.4	.1						9.1	11.2	11.0
///								2.2	//////////	
5.4	1.9	.1	.1					100.0	9.5	10.0

NUMBER OF OBSERVATIONS 1088

OPERATING LOCATION: NAW
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72356 STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 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	2.3	7.1	5.7	3.0	.9					
020-040	1.4	3.7	2.6	.9	.2					
050-070	1.3	1.1	.7	.1						
(E) 080-100	1.0	.5	.1							
110-130	1.7	.6								
140-160	1.7	1.2	.5							
(S) 170-190	3.0	5.1	5.7	2.4	.6					
200-220	5.0	5.9	3.7	1.1	.4					
230-250	.8	.7	.	.1						
(W) 260-280	.6	1.1	.2							
290-310	1.0	.4	.4	.2						
320-340	2.7	2.9	1.5	1.3	.2					
VARIABLE										
CALM	//									
TOTALS	21.9	33.2	24.4	9.1	2.3					

TOTAL NUMBER OF OBSERVATIONS 930

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

[illegible] AFB OK PERIOD OF RECORD: MAR 77 - FEB 89
MONTH: DEC HOURS: 00-02

WIND SPEED IN KNOTS 20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.9							13.9	10.2	10.0
.2							8.5	9.9	8.0
							8.0	6.1	5.0
							2.3	4.1	3.0
							2.4	4.0	3.5
							2.9	5.0	5.0
.6							23.2	9.5	10.0
.4							14.6	8.2	7.0
							2.5	7.5	6.0
							2.0	5.2	5.0
							2.6	5.7	3.0
.2							7.7	9.1	8.0
//							9.4	//////////	
2.3							100.0	7.8	8.0

[illegible] OF OBSERVATIONS 930

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

STATION NUMBER: 72354[illegible] STATION NAME: TINKER AFB OK PERIOD [illegible]
LST TO UTC: + 6 MONTH: [illegible]

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-
(N) 350-010	[illegible].7	[illegible].2	5.[illegible]	3.3	.9					
020-040	2.3	3.1	3.1	1.[illegible]	.2					
050-070	1.[illegible]	1.2								
(E) 080-100	.[illegible]	1.[illegible]								
110-130	1.[illegible]	.7								
140-160	1.[illegible]	1.2	.[illegible]	.1						
(S) 170-190	[illegible]	7.4	[illegible].4	2.4	.[illegible]					
200-220	[illegible]	5.[illegible]	4.[illegible]	1.[illegible]						
230-250	1.1	1.3	.[illegible]	.5						
(W) 260-280	.[illegible]	.[illegible]	.1	.1						
290-310	1.7	1.2	.3	.2						
320-340	[illegible].2	1.[illegible]	2.[illegible]	.[illegible]	.3					
VARIABLE										
CALM	[illegible]	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	[illegible].1	31.3	24.[illegible]	10.[illegible]	2.[illegible]					

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

...OY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
... HOURLY OBSERVATIONS

...M PERIOD OF RECORD: MAR 79 - FEB 83
MONTH: DEC HOURS: 03-05

SPEED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						19.9	9.9	10.0
						10.5	9.4	9.0
						2.5	4.1	4.0
						1.3	4.1	5.0
						2.0	4.4	4.0
						3.3	5.4	5.0
						20.9	9.9	10.0
						14.1	8.2	7.0
						2.9	6.7	6.0
						1.8	6.1	5.0
						3.4	5.3	4.5
						7.3	9.0	8.5
//						9.2	//////////	
						100.0	7.3	8.0

... OBSERVATIONS 330

OPERATIONAL LOCATION: "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72306
STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERIOD:
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	4.2	6.2	5.4	3.9	1.4	.1			
020-040	1.1	3.3	2.2	.7	.4				
050-070	1.4	1.1	.4						
(E) 080-100	1.4	.6							
110-130	1.2	1.6	.1						
140-160	1.3	1.3	.3	.1					
(S) 170-190	1.3	6.5	4.4	2.2	.4				
200-220	1.4	4.9	3.3	1.3	.3				
230-250	.3	1.3	.4	.1					
(W) 260-280	.1	1.1	.2						
290-310	1.2	1.2	.3	.2					
320-340	.4	3.2	2.2	.3					
VARIABLE									
CALM	//								
TOTALS	22.3	33.2	25.4	9.9	2.7	.1			

TOTAL NUMBER OF OBSERVATIONS 730

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

TINKER AFB OK — PERIOD OF RECORD: MAR 79 - FEB 8?
MONTH: DEC — HOURS: 06-08

WIND SPEED IN KNOTS

	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.	1.4	.1						21.6	10.2	10.0
.	.4							7.[illegible]	9.6	9.0
								3.0	5.8	5.0
								2.0	4.2	4.0
								3.1	4.4	5.0
.1								3.5	6.0	6.0
.	.4							13.7	10.5	10.0
.	.6							14.6	8.7	8.0
.1								2.7	7.2	7.0
								1.4	6.9	6.0
								3.6	6.3	6.0
								9.5	7.0	6.0
//////////////////								8.4	//////////////	
	2.7	.1						100.0	8.0	8.0

NUMBER OF OBSERVATIONS 930

OPERATING LOCATION NAM
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIN
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723643 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-7	11-16	17-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	2.0	5.6	7.4	4.4	1.7	.1			
020-040	1.7	2.3	3.4	1.0	.5				
050-070	1.3	1.7	.7						
(E) 080-100	1.4	.3	.3						
110-130	1.3	1.4							
140-160	.	1.3	.7	.1					
(S) 170-190	1.2	4.7	4.3	3.1	.3				
200-220	1.4	4.1	4.3	2.3	.7				
230-250	.3	3.1	1.3	.4	.1				
(W) 260-280	.4	1.3	.4						
290-310	.3	1.3	1.4	.1					
320-340	1.3	4.3	1.3	1.1	.3				
VARIABLE									
CALM	//								
TOTALS	15.3	33.1	31.1	13.1	4.0	.1			

TOTAL NUMBER OF OBSERVATIONS 843

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

...A-4 OK PERIOD OF RECORD: APR 79 - FEB 89
MONTH: DEC HOURS: 09-11

WIND SPEED IN KNOTS							TOTAL %	MEAN WIND	MEDIAN WIND
-24	25-29	30-34	35-39	40-49	50-64	GE 65			
1.7	.1						22.3	11.4	11.0
.5							9.5	9.3	10.0
							4.4	6.1	6.0
							2.6	5.3	4.0
							2.7	4.5	5.0
							3.6	7.4	7.0
..							19.2	11.5	12.0
..							13.7	10.9	11.0
.1							6.2	9.5	9.0
							1.3	7.2	7.0
							2.5	7.3	7.0
..							9.0	9.2	8.0
//							2.9	//////////	
...	.1						100.0	9.7	10.0

... OF OBSERVATIONS 930

OPERATING LOCATION MAW PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible]
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS [illegible]

STATION NUMBER: 7?3?4? STATION NAME: [illegible]
LST TO UTC: + 6

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-...
(N) 360-010	1.5	5.2	7.4	4.9	2.3	.1			
020-040	.?	2.3	3.4	1.?	.1				
050-070	1.?	.	.4						
(E) 080-100	1.?	.?	.1						
110-130	?.?	.?	.2						
140-160	.	.?	.3	.1					
(S) 170-190	1.1	4.4	?.1	3.?	1.1				
200-220	1.7	4.4	5.?	3.?	.?	.1			
230-250	1.	?.5	1.?	.?					
(W) 260-280	.?	1.?	.?	.2					
290-310	1.?	.3	1.1	.3					
320-340	1.?	2.?	?.?	1.?	.4				
VARIABLE									
CALM	//////////								
TOTALS	1?.1	?6.3	33.3	16.2	4.?	.2			

TOTAL NUMBER OF OBSERVATIONS ?3?

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

[illegible] PERIOD OF RECORD: MAR 77 - FEB 80
MONTH: DEC HOURS: 12-14

DIR	SPEED IN KNOTS 22-33	34-40	41-47	48-55	56-63	GE 64	TOTAL %	MEAN WIND	MEDIAN WIND
[illegible]	.1						23.4	12.2	12.0
[illegible]							7.5	10.0	10.0
[illegible]							3.4	5.2	4.0
[illegible]							2.0	4.5	4.0
[illegible]							3.0	3.9	3.5
[illegible]							1.7	5.1	5.5
[illegible]							14.4	11.6	12.0
[illegible]	.1						15.1	11.2	10.0
[illegible]							4.1	8.5	7.0
[illegible]							3.3	7.3	7.5
[illegible]							2.9	8.2	7.0
[illegible]							3.1	9.5	9.0
//							3.4	//////////	
[illegible]	.2						100.0	9.9	10.0

[illegible] OBSERVATIONS 980

OPERATING LOCATION "AW"
USAFTAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72306(a) STATION NAME: TINKER AFB, OK YEARS:
LST TO UTC: + 6 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	1.7	5.3	2.3	5.7	1.1	.1			
020-040	1.3	2.5	2.4	1.1	.2				
050-070	1.4	1.7			.1				
(E) 080-100	1.2	1.3							
110-130	1.1	.4							
140-160	1.2	1.4	.3						
(S) 170-190	2.4	3.7	2.4	3.0	.4				
200-220	1.7	2.5	1.7	1.3	.3				
230-250	.	2.4	1.1	.3	.1				
(W) 260-280	1.1	.7	.7	.2					
290-310	1.1	.7	.4	.1	.1				
320-340	1.7	3.3	3.7	1.3	.1				
VARIABLE									
CALM	//								
TOTALS	19.3	32.2	22.3	13.5	3.0	.1			

TOTAL NUMBER OF OBSERVATIONS 238

CY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ROM HOURLY OBSERVATIONS

N PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: DEC HOURS: 15-17

SPEED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.1						22.7	11.3	12.0
						3.2	9.5	9.5
						3.3	5.7	5.0
						2.5	5.0	5.0
						1.3	4.4	4.0
						3.2	6.3	6.0
						20.4	10.3	10.0
						19.1	9.3	10.0
						4.4	8.4	8.0
						2.5	7.5	7.5
						2.3	7.1	7.0
						10.1	9.2	9.5
//						3.2	//////////	
.1						100.0	9.3	9.5

BSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 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	3.4	5.0	3.3	3.0	1.3				
020-040	1.3	3.2	1.7	1.3					
050-070	1.7	1.1	.1						
(E) 080-100	.3	.3	.1						
110-130	1.3	.5							
140-160	.4	.3	.2						
(S) 170-190	4.4	4.4	7.5	1.9					
200-220	4.7	6.0	3.3	.5					
230-250	.1	.2	.3						
(W) 260-280	.3	.3	.1						
290-310	.3	.5	.1	.1					
320-340	1.7	2.7	1.4	1.2	.2				
VARIABLE									
CALM	//								
TOTALS	25.3	33.7	21.2	8.0	1.5				

TOTAL NUMBER OF OBSERVATIONS 590

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

AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: DEC HOURS: 13-20

SPEED IN KNOTS 24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.3							22.0	10.0	9.0
							7.8	8.6	8.0
							2.9	4.6	4.0
							3.1	3.9	4.0
							2.4	3.5	2.0
							6.7	4.9	4.0
							22.3	8.9	8.0
							11.7	7.0	6.0
							1.2	6.3	4.0
							1.3	4.3	4.0
							1.6	5.9	4.0
.							8.6	8.2	7.0
///							8.4	//////////	
.3							100.0	7.3	7.0

OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND D
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

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	2.8	6.2	7.5	3.4	1.0					
020-040	2.8	3.1	2.7	.3	.3					
050-070	1.[illegible]	1.2	.2							
(E) 080-100	1.5	1.2	.1							
110-130	1.1	.6								
140-160	1.7	[illegible]	.2							
(S) 170-190	2.[illegible]	9.2	10.[illegible]	1.7	.6	.1				
200-220	3.[illegible]	5.1	2.6	.3	.3					
230-250	.[illegible]	.[illegible]	.4	.2						
(W) 260-280	1.1	.4	.2	.2						
290-310	.3	.1		.1						
320-340	1.6	3.1	1.7	.4	.3					
VARIABLE										
CALM	//////////									
TOTALS	21.7	33.0	25.6	6.5	2.6	.1				

TOTAL NUMBER OF OBSERVATIONS 930

F OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: DEC HOURS: 21-23

IN KNOTS -29	30-34	35-39	40-49	50-64	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
						21.0	10.6	10.0
						8.9	8.2	8.0
						3.0	5.6	4.0
						2.9	4.5	4.0
						1.7	3.9	4.0
						4.0	5.0	5.0
.1						24.7	9.7	10.0
						12.2	7.4	7.0
						1.9	7.5	6.0
						1.9	5.9	4.0
						.9	5.4	4.0
						7.2	8.7	8.0
//						9.8	//////////	
.1						100.0	7.8	8.0

VATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERIOD
MONTH:

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49
(N) 350-010	2.5	6.5	7.0	4.0	1.3	.1			
020-040	1.[illegible]	2.[illegible]	2.[illegible]	1.0	.3				
050-070	1.[illegible]	1.2	.3	.3	.[illegible]				
(E) 080-100	1.4	.9	.1						
110-130	1.[illegible]	.9	.[illegible]						
140-160	1.[illegible]	1.5	.4	.1					
(S) 170-190	2.2	6.0	3.7	2.6	.5	.[illegible]			
200-220	[illegible].[illegible]	[illegible].1	4.1	1.5	.[illegible]	.[illegible]			
230-250	.[illegible]	1.6	.[illegible]	.3	.[illegible]				
(W) 260-280	.[illegible]	.[illegible]	.3	.1					
290-310	1.1	.7	.5	.2	.[illegible]				
320-340	2.2	3.0	2.2	1.0	.3				
VARIABLE									
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	[illegible].1	32.1	27.2	10.[illegible]	3.0	.1			

TOTAL NUMBER OF OBSERVATIONS 74[illegible]

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

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: DEC HOURS: ALL

SPEED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.1						21.5	10.8	10.0
						8.6	9.3	9.0
						3.2	5.9	4.0
						2.4	4.5	4.0
						2.4	4.1	4.0
						3.6	5.3	5.0
.3						21.0	10.2	10.0
.3						14.0	9.1	8.0
						3.4	8.0	7.0
						2.0	6.5	6.0
						2.3	6.6	6.0
						8.6	8.7	8.0
//						5.8	//////////	
.1						100.0	9.4	8.0

OBSERVATIONS 7443

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND
FROM ASSOCIATED OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

CATEGORY A: CEILING OF 300 BUT LESS THAN 1500 FEET WITH VISIBILITY OF 1/2 MI
AND/OR
VISIBILITY OF 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4

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) 350-21	1.5	7.5	11.4	6.5	2.2	.1			
220-240	1.5	3.3	4.4	2.2	.3				
250-270	1.4	3.1	.5	.1					
(E) 280-130	1.4	1.2	.2						
110-130	.9	1.3	.2						
140-160	1.2	1.1	.4	.1					
(S) 170-190	1.2	3.7	4.3	3.7	.5				
200-220	.4	1.6	3.3	1.5	.7				
230-250	.2	1.4	.4	.2					
(W) 260-280	.3	.5	.1	.1					
290-310	.3	.5	.7	.1	.1				
320-340	.7	2.3	2.9	1.7	.2				
VARIABLE									
CALM	//								
TOTALS	11.2	27.9	35.9	16.5	4.1	.1			

TOTAL NUMBER OF OBSERVATIONS 1392

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

[illegible] AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: DEC HOURS: ALL

[illegible] FEET 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 1-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.2	.1						29.5	12.0	12.0
.3							13.2	11.0	11.0
							5.[illegible]	6.5	6.0
							2.9	5.4	4.5
							2.4	4.9	5.0
							2.5	5.2	5.0
.5							18.4	11.7	12.0
.7							8.1	11.3	12.0
							2.2	8.2	8.0
							1.1	5.7	5.0
.1							1.5	9.3	10.0
.2							8.6	10.7	10.0
//							3.[illegible]	//////////	
4.1	.1						100.0	10.2	10.0

[illegible] OF OBSERVATIONS 1302

OPERATING LOCATION: WAW
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE W
FROM MILITARY SU VATIONS

STATION NUMBER: 723140 STATION NAME: [illegible] AFB, IA
LST TO UTC: + 6

DIRECTION	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-4
(DEGREES)									
(1) 350-010	2.4	4.2	4.3	1.7	.5	.1	.0		
020-040	1.[illegible]	2.[illegible]	1.[illegible]	.4	.1	.[illegible]	.[illegible]		
050-070	1.[illegible]	1.7	.[illegible]	.[illegible]	.[illegible]				
(2) 080-100	1.7	1.4	.3	.[illegible]	.0				
110-130	[illegible].[illegible]	1.[illegible]	.3	.[illegible]	.[illegible]				
140-160	[illegible].[illegible]	[illegible].[illegible]	1.[illegible]	.[illegible]	.[illegible]	.[illegible]			
(3) 170-190	[illegible].7	11.1	4.7	[illegible].[illegible]	.6	.[illegible]	.[illegible]		
[illegible]-[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	1.7	.[illegible]	.[illegible]	.[illegible]		
[illegible]-[illegible]	.[illegible]	1.[illegible]	1.[illegible]	.[illegible]	.1	.[illegible]	.[illegible]		
(4) 260-280	.[illegible]	.7	.[illegible]	.1	.[illegible]	.[illegible]	.[illegible]		
[illegible]-310	.[illegible]	.[illegible]	.[illegible]	.1	.[illegible]	.[illegible]			
320-340	1.[illegible]	1.[illegible]	1.[illegible]	.7	.[illegible]	.[illegible]	.[illegible]		
VARIABLE									
CALM	//								
TOTALS	[illegible].7	[illegible].7	[illegible].7	[illegible].0	[illegible].1	.1			

TOTAL NUMBER OF OBSERVATIONS: [illegible]

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

[illegible] AFB, IA PERIOD OF RECORD: MAR 73 - FEB 83
MONTH: ALL HOURS: ALL

WIND SPEED IN KNOTS									
20-24	25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
.5	.1	.0					13.3	8.7	10.0
.1	.0	.0					6.4	6.0	6.0
.0							4.0	5.7	5.0
.0							3.7	5.1	4.0
.0							4.[illegible]	4.9	4.0
.0	.0						[illegible].[illegible]	6.4	6.0
.5	.0	.0					25.0	8.5	9.0
.2	.0	.0					13.2	7.7	8.0
.1	.0	.0					3.[illegible]	[illegible].6	6.0
.0	.0	.0					1.7	7.2	6.0
.0	.0						1.[illegible]	7.0	[illegible].0
.0	.0	.0					[illegible].1	[illegible].5	[illegible].0
[illegible]							[illegible].3	[illegible]	
.1	.1						100.0	7.[illegible]	[illegible].0

[illegible] OF OBSERVATIONS: [illegible]8765[illegible]

OPTIONAL LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
ASHEVILLE, ASHEVILLE, NC FOR MONTHLY OBSERVATIONS

STATION NUMBER: 723140 STATION NAME: TINKER AFB, OK PERIOD
LST TO UTC: + 6 MONTH

DATA BY WBAN: 03812 OF DAY BUT LESS THAN 1000 FEET WITH VISIBILITY OF 1/2 MILE AND/OR
VISIBILITY OF 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800

DIRECTION (DEG, TRUE)	WIND SPEED LIMITS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40
(N) 355-004	1.7	4.7	11.7	5.2	1.9	.2	.2	
005-017	1.7	4.1	4.2	1.2	.1	.1		
018-032	1.	3.4	.9	.1	.2			
(NE) 033-059	2.2	1.4	.7	.2				
060-085	1.4	2.1	.7	.1	.1			
086-112	1.4	4.2	1.7	.3	.			
(E) 113-139	1.3	4.3	.3	2.7	.4	.1		
140-166	.4	1.4	2.1	1.1	.3	.1		
167-193	.4	.3	.3	.1	.1	.1	.1	
(S) 194-220	.4	.4	.1	.0	.0	.1	.1	
221-247	.3	.4	.4	.1	.1	.1		
248-274	.	2.1	2.1	1.2	.2	.1		
VARIABLE								
CALM	//							
TOTALS	15.0	31.4	34.1	12.1	3.0	.3		

TOTAL NUMBER OF OBSERVATIONS: 3714

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

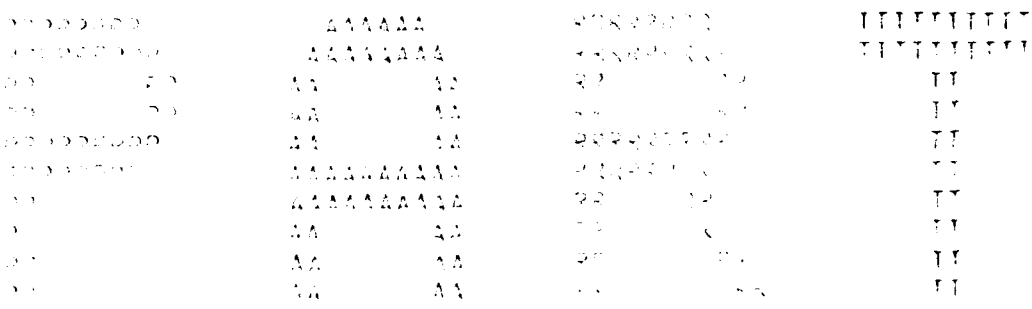
PERIOD OF RECORD: MAR 73 - FEB 83
MONTH: ALL HOURS: ALL

CEILING AND/OR VISIBILITY LESS THAN 1/2 MILE (800 METERS).

CEILING BETWEEN 200 FEET AND 500 FEET (60 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING OF 200 FEET.

WIND SPEED IN KNOTS									
1-4	5-7	8-12	13-18	19-24	25-31	32-38	39-46	TOTAL	MEAN WIND	MEDIAN WIND
1.5	.2	.0						27.4	11.5	12.0
.1	.0							11.3	9.1	9.0
.1								9.3	8.5	8.0
								4.3	8.1	8.0
.1								4.7	8.1	8.0
.								5.1	7.4	8.0
.4	.0							17.2	11.1	11.0
.1	.0							6.2	10.4	10.0
.	.0	.0						1.7	9.4	7.0
.0	.0	.0						1.0	7.7	6.0
.1	.0							1.4	8.7	7.0
.0	.1							3.2	10.1	10.0
//								4.1	//////////	
3.0	.3							100.0	9.4	10.0

NUMBER OF OBSERVATIONS: 9714



PART D

CEILING VERSUS VISIBILITY AND SKY COVER SU

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF
CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A
OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM Z
"NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY C
(METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES
TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH M

- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).

- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT
DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR
AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY
TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO T
CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (
TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (
DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN CEILI
THAT VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILIN
COLUMN.

NOTE 1: IN JANUARY 1984, METAR STATIONS BEGAN REPORTING
MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS W

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING MORE
THAN 9000 FEET APPEAR IN THE 9000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .
FOR CONVENIENCE, THE CONVERSION METRIC USED IS 1 STATU

SKY COVER--PERCENT OCCURRENCE FREQUENCY.
ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY
OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS F
AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSC
OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS
POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 5/10).
SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR STA

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).
ATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION
ERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET--
CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES
TERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE
LES SUMMARIZE THE DATA AS FOLLOWS:

Y EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

Y MONTH (ALL YEARS AND ALL HOURS COMBINED).

Y YEAR (ALL YEARS AND ALL HOURS COMBINED).

OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO
THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING
VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION.
PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE
ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY).
ING VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS).
THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING
AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY

IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE
OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER
5000 FEET APPEAR IN THE 5000 FEET CLASS.

1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

--PERCENT OCCURRENCE FREQUENCY.
CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE
ENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT
CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY
FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES
SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE
AS FOR PREVIOUS TABLE.

THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS," HOWEVER, ARE INCLUDED.

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIO
LST TO UTC: + 6 MONTH

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	65.6	66.6	67.0	67.1	67.2	67.2	67.3	67.3	67.4	67.4
GE 20000	68.3	69.0	69.6	69.7	69.8	69.8	69.9	69.9	70.0	70.0
GE 18000	68.3	69.0	69.6	69.7	69.8	69.8	69.9	69.9	70.0	70.0
GE 16000	68.3	69.0	69.6	69.7	69.8	69.8	69.9	69.9	70.0	70.0
GE 14000	68.6	69.6	70.1	70.2	70.3	70.3	70.4	70.4	70.5	70.5
GE 12000	68.9	70.0	70.5	70.6	70.8	70.8	70.9	70.9	71.0	71.0
GE 10000	72.3	73.1	73.8	73.9	74.1	74.1	74.2	74.2	74.3	74.3
GE 9000	72.3	73.1	73.8	73.9	74.1	74.1	74.2	74.2	74.3	74.3
GE 8000	73.5	74.6	75.3	75.4	75.6	75.6	75.7	75.7	75.8	75.8
GE 7000	73.6	74.8	75.6	75.7	75.9	75.9	76.0	76.0	76.1	76.1
GE 6000	74.0	75.1	76.0	76.0	76.1	76.1	76.2	76.2	76.3	76.3
GE 5000	74.6	75.7	76.5	76.6	76.9	76.9	77.0	77.0	77.1	77.1
GE 4500	74.7	75.8	76.5	76.6	76.9	76.9	77.1	77.1	77.2	77.2
GE 4000	74.7	75.7	76.5	76.6	76.9	76.9	77.0	77.0	77.1	77.1
GE 3500	77.0	78.1	79.0	79.2	79.6	79.6	79.7	79.7	79.8	79.8
GE 3000	77.7	78.8	79.8	80.0	80.3	80.3	80.4	80.4	80.5	80.5
GE 2500	78.2	79.2	80.4	80.6	81.0	81.0	81.1	81.1	81.2	81.2
GE 2000	78.9	80.4	81.6	81.8	82.2	82.2	82.3	82.3	82.4	82.4
GE 1500	79.5	81.0	82.2	82.5	82.8	82.8	82.9	82.9	83.0	83.1
GE 1000	81.6	83.0	84.2	84.5	84.9	84.9	85.1	85.1	85.2	85.3
GE 900	83.1	84.5	85.9	86.3	86.6	86.8	86.9	86.9	87.0	87.1
GE 800	84.0	85.7	87.2	87.6	88.1	88.1	88.3	88.3	88.4	88.5
GE 700	84.5	86.2	87.8	88.4	88.8	88.8	89.0	89.0	89.1	89.2
GE 600	84.5	86.7	88.3	88.8	89.2	89.2	89.5	89.6	89.7	89.8
GE 500	85.1	87.4	89.0	89.7	90.1	90.2	90.5	90.6	90.6	90.7
GE 400	85.1	87.4	89.2	90.2	90.6	90.8	91.2	91.2	91.3	91.4
GE 300	85.3	87.6	89.8	90.9	91.4	91.6	92.4	92.4	92.5	92.6
GE 400	85.4	87.7	90.5	92.5	93.0	93.2	94.5	94.5	94.6	95.1
GE 300	85.5	88.0	90.8	92.9	93.4	93.7	95.2	95.5	95.6	96.1
GE 200	85.5	88.0	90.8	92.9	93.4	93.7	95.2	95.6	95.8	96.4
GE 100	85.5	88.0	90.8	92.9	93.4	93.7	95.2	95.6	95.8	96.4
GE 000	85.5	88.0	90.8	92.9	93.4	93.7	95.2	95.6	95.8	96.4

TOTAL NUMBER OF OBSERVATIONS 930

OF FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AFB JK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JAN HOURS: 00-02

CEILING IN 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
	67.3	67.3	67.4	67.4	67.4	67.4	67.5	67.6	67.6	67.6
	69.9	69.9	70.0	70.0	70.1	70.1	70.2	70.3	70.3	70.3
	69.9	69.9	70.0	70.0	70.1	70.1	70.2	70.3	70.3	70.3
	69.9	69.9	70.0	70.0	70.1	70.1	70.2	70.3	70.3	70.3
	70.4	70.4	70.5	70.5	70.6	70.6	70.8	70.9	70.9	70.9
	70.9	70.9	71.0	71.0	71.1	71.1	71.2	71.3	71.3	71.3
	74.2	74.2	74.3	74.3	74.4	74.4	74.5	74.5	74.6	74.6
	74.2	74.2	74.3	74.3	74.4	74.4	74.5	74.5	74.6	74.6
	75.7	75.7	75.8	75.8	75.9	75.9	76.0	76.1	76.1	76.1
	76.0	76.0	76.1	76.1	76.2	76.2	76.3	76.5	76.5	76.5
	76.2	76.2	76.3	76.3	76.5	76.5	76.6	76.7	76.7	76.7
	77.0	77.0	77.1	77.1	77.2	77.2	77.3	77.4	77.4	77.4
	78.1	78.1	78.2	78.2	78.3	78.3	78.4	78.5	78.5	78.5
	79.0	79.0	79.1	79.1	79.2	79.2	79.4	79.5	79.5	79.5
	79.7	79.7	79.8	79.8	79.9	79.9	80.0	80.1	80.1	80.1
	80.4	80.4	80.5	80.5	80.6	80.6	80.8	80.9	80.9	80.9
	81.1	81.1	81.2	81.2	81.3	81.3	81.4	81.5	81.5	81.5
	82.3	82.3	82.4	82.5	82.6	82.6	82.7	82.8	82.8	82.8
	82.9	82.9	83.0	83.1	83.2	83.2	83.3	83.4	83.4	83.4
	85.1	85.1	85.2	85.3	85.4	85.4	85.5	85.6	85.6	85.6
	86.9	86.9	87.0	87.1	87.2	87.2	87.3	87.4	87.4	87.4
	88.3	88.3	88.4	88.5	88.6	88.6	88.7	88.8	88.8	88.8
	89.0	89.0	89.1	89.2	89.4	89.4	89.5	89.6	89.6	89.6
	89.6	89.6	89.7	89.8	89.9	89.9	90.0	90.1	90.1	90.1
	90.5	90.6	90.6	90.8	90.9	90.9	91.0	91.1	91.1	91.1
	91.2	91.2	91.3	91.4	91.5	91.5	91.6	91.7	91.7	91.7
	92.4	92.4	92.5	92.8	92.9	92.9	93.0	93.1	93.2	93.2
	94.5	94.5	94.6	95.2	95.3	95.4	95.7	95.8	95.9	95.9
	95.2	95.5	95.6	96.2	96.3	96.5	96.8	96.9	97.0	97.1
	95.2	95.6	95.8	96.7	97.0	97.2	97.6	97.7	97.8	98.0
	95.2	95.6	95.8	96.7	97.0	97.2	98.1	98.6	99.0	99.2
	95.2	95.6	95.8	96.7	97.0	97.2	98.1	98.6	99.0	100.0

OPERATING LOCATION NAM
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK PERI
LST TO UTC: + 6 MONTH

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
ALL CEIL	61.2	63.1	63.8	63.9	64.3	64.3	64.5	64.5	64.5	64.5
GE 20000	65.3	66.3	67.4	68.0	68.4	68.4	68.5	68.5	68.5	68.5
GE 18000	65.3	66.3	67.4	68.0	68.4	68.4	68.5	68.5	68.5	68.5
GE 16000	65.3	66.3	67.4	68.0	68.4	68.4	68.5	68.5	68.5	68.5
GE 14000	65.3	66.3	67.4	68.0	68.4	68.4	68.5	68.5	68.5	68.5
GE 12000	66.1	67.7	68.3	68.8	69.2	69.2	69.5	69.5	69.5	69.5
GE 10000	69.0	71.5	71.2	71.7	72.2	72.2	72.4	72.4	72.4	72.4
GE 9000	69.1	71.4	71.3	71.8	72.3	72.3	72.5	72.5	72.5	72.5
GE 8000	70.3	72.2	72.7	73.2	73.7	73.7	73.9	73.9	73.9	74.0
GE 7000	70.5	72.3	72.8	73.3	73.8	73.8	74.0	74.0	74.0	74.1
GE 6000	71.3	73.0	73.1	73.7	74.1	74.1	74.3	74.3	74.3	74.4
GE 5000	71.6	73.3	73.9	74.5	74.9	74.9	75.1	75.1	75.1	75.2
GE 4500	71.9	73.7	74.2	74.7	75.2	75.2	75.4	75.4	75.4	75.5
GE 4000	73.4	75.0	75.1	76.7	77.1	77.1	77.3	77.3	77.3	77.4
GE 3500	74.3	76.1	76.7	77.2	77.7	77.7	78.1	78.1	78.1	78.2
GE 3000	75.1	76.9	77.4	78.1	78.6	78.6	78.9	78.9	78.9	79.
GE 2500	76.7	77.6	78.1	78.7	79.4	79.4	79.7	79.7	79.8	79.
GE 2000	76.7	77.1	78.7	79.4	80.1	80.1	80.6	80.6	80.6	80.
GE 1800	76.8	77.6	79.2	79.9	80.6	80.6	81.1	81.2	81.2	81.
GE 1600	78.0	79.3	80.6	81.4	82.4	82.4	82.8	82.9	82.9	83.
GE 1200	79.4	81.3	82.2	82.9	83.9	83.9	84.3	84.4	84.4	84.
GE 1000	80.6	82.7	83.7	84.4	85.5	85.5	85.9	85.9	85.9	86.
GE 900	81.1	83.2	84.2	84.9	86.0	86.0	86.5	86.5	86.5	86.
GE 800	81.2	83.3	84.3	85.1	86.2	86.2	86.8	86.9	86.9	87.
GE 700	81.5	84.0	85.2	85.9	87.2	87.5	88.2	88.4	88.4	88.
GE 600	81.7	84.2	85.7	86.6	87.8	88.2	88.8	89.1	89.1	89.
GE 500	82.2	84.9	86.9	88.2	89.5	89.8	90.6	91.4	91.4	91.
GE 400	82.4	85.2	87.5	89.2	90.6	91.3	92.5	93.4	93.8	94.
GE 300	82.5	85.4	88.5	90.2	91.7	92.5	94.0	94.8	95.2	95.
GE 200	82.5	85.4	88.5	90.3	91.9	92.7	94.3	95.2	95.6	95.
GE 100	82.5	85.4	88.5	90.3	91.9	92.7	94.3	95.2	95.6	95.
GE 000	82.5	85.4	88.5	90.3	91.9	92.7	94.3	95.2	95.6	95.

TOTAL NUMBER OF OBSERVATIONS 930

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JAN HOURS: 03-05

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
	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.7	64.7	64.7
	68.5	68.5	68.5	68.6	68.6	68.6	68.7	68.8	68.8	68.8
	68.5	68.5	68.5	68.6	68.6	68.6	68.7	68.8	68.8	68.8
	68.5	68.5	68.5	68.6	68.6	68.6	68.7	68.8	68.8	68.8
	68.5	68.5	68.5	68.6	68.6	68.6	68.7	68.8	68.8	68.8
	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.7	69.7	69.7
	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.6	72.6	72.6
	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.7	72.7	72.7
	73.9	73.9	73.9	74.0	74.0	74.0	74.1	74.2	74.2	74.2
	74.0	74.0	74.0	74.1	74.1	74.1	74.2	74.3	74.3	74.3
1	74.3	74.3	74.3	74.4	74.4	74.4	74.5	74.6	74.6	74.6
	75.1	75.1	75.1	75.2	75.2	75.2	75.3	75.4	75.4	75.4
	75.4	75.4	75.4	75.5	75.5	75.5	75.6	75.7	75.7	75.7
1	77.3	77.3	77.3	77.4	77.4	77.4	77.5	77.6	77.6	77.6
7	78.1	78.1	78.1	78.2	78.2	78.2	78.3	78.4	78.4	78.4
	78.9	78.9	78.9	79.0	79.0	79.0	79.1	79.2	79.2	79.2
	79.7	79.8	79.8	79.9	79.9	79.9	80.0	80.1	80.1	80.1
1	80.5	80.6	80.6	80.8	80.8	80.8	80.9	81.0	81.0	81.0
	81.1	81.2	81.2	81.3	81.3	81.3	81.4	81.5	81.5	81.5
.4	82.8	82.9	82.9	83.0	83.1	83.1	83.2	83.3	83.3	83.3
.9	84.3	84.4	84.4	84.5	84.5	84.6	84.7	84.8	84.8	84.8
	85.9	86.0	86.0	86.1	86.2	86.2	86.3	86.5	86.5	86.5
.2	86.5	86.6	86.6	86.7	86.8	86.8	86.9	87.0	87.0	87.0
.2	86.8	86.9	86.9	87.0	87.1	87.1	87.2	87.3	87.3	87.3
.5	88.2	88.4	88.4	88.5	88.6	88.6	88.7	88.8	88.8	88.8
.9	88.8	89.1	89.1	89.2	89.4	89.4	89.5	89.6	89.6	89.6
	91.5	91.4	91.4	91.6	91.7	91.7	91.8	91.9	91.9	91.9
.3	92.5	93.4	93.3	94.0	94.4	94.4	94.5	94.6	94.6	94.6
.5	94.0	94.8	95.2	95.6	96.1	96.1	96.2	96.3	96.6	96.7
.7	94.3	95.2	95.6	96.0	96.7	96.7	96.9	97.0	97.2	97.3
.7	94.3	95.2	95.6	96.0	96.8	96.8	97.4	98.2	98.6	99.0
.7	94.3	95.2	95.6	96.0	96.8	96.8	97.4	98.2	98.6	100.0

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERI
LST TO UTC: + 6 APR-

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	55.3	57.4	58.4	59.2	59.8	60.1	60.2	60.2	60.2	60.2
GE 20000	58.3	62.0	63.1	64.0	64.3	64.7	65.1	65.1	65.1	65.1
GE 18000	58.4	62.2	63.2	64.1	64.9	65.1	65.2	65.2	65.2	65.2
GE 16000	58.4	62.2	63.2	64.1	64.9	65.1	65.2	65.2	65.2	65.2
GE 14000	58.5	62.4	63.4	64.3	65.2	65.3	65.4	65.4	65.4	65.4
GE 12000	61.4	63.5	64.6	65.5	66.3	66.5	66.6	66.6	66.6	66.6
GE 10000	64.1	66.5	67.6	68.5	69.4	69.6	69.6	69.6	69.6	69.6
GE 9000	64.1	66.5	67.6	68.5	69.4	69.6	69.6	69.6	69.6	69.6
GE 8000	66.0	68.1	69.1	70.0	70.9	71.0	71.1	71.1	71.1	71.1
GE 7000	66.6	68.4	69.5	70.3	71.2	71.3	71.4	71.4	71.4	71.4
GE 6000	66.7	68.5	69.7	70.5	71.4	71.5	71.6	71.6	71.6	71.6
GE 5000	67.7	69.7	70.8	71.6	72.5	72.6	72.7	72.7	72.7	72.7
GE 4500	68.0	70.4	71.5	72.4	73.2	73.3	73.4	73.4	73.4	73.4
GE 4000	70.9	72.9	73.1	74.1	74.9	75.1	75.2	75.2	75.2	75.2
GE 3500	70.9	72.7	73.9	74.7	75.6	75.7	75.8	75.8	75.8	75.8
GE 3000	71.6	73.4	74.5	75.5	76.3	76.5	76.6	76.6	76.6	76.6
GE 2500	72.3	74.4	75.5	76.5	77.3	77.4	77.5	77.5	77.5	77.5
GE 2000	73.1	75.7	76.8	77.7	78.6	78.7	78.8	78.8	78.8	78.8
GE 1800	73.7	75.8	76.9	77.8	78.7	78.8	79.0	79.0	79.0	79.1
GE 1500	74.6	76.8	78.0	78.9	79.8	79.9	80.2	80.2	80.2	80.3
GE 1200	75.0	78.2	79.4	80.4	81.4	81.5	81.8	81.8	81.9	82.0
GE 1000	77.3	79.8	80.6	81.7	82.8	82.9	83.3	83.3	83.3	83.4
GE 900	78.2	80.5	81.7	82.8	84.0	84.1	84.4	84.5	84.5	84.6
GE 800	78.3	80.5	81.9	83.0	84.3	84.5	85.5	85.7	85.7	85.8
GE 700	78.5	81.0	82.4	83.5	84.8	85.2	86.1	86.2	86.2	86.3
GE 600	78.9	81.5	83.0	84.5	85.1	86.5	87.5	87.6	87.6	87.8
GE 500	79.5	82.5	84.4	85.9	87.7	88.3	89.6	90.1	90.1	90.3
GE 400	79.7	82.7	84.6	86.7	88.4	88.9	90.5	91.1	91.2	91.4
GE 300	79.7	82.9	85.5	87.3	90.1	90.5	92.9	93.9	94.0	94.2
GE 200	79.7	82.9	85.6	87.3	90.1	90.6	93.0	94.2	94.3	95.0
GE 100	79.7	82.9	85.6	87.3	90.1	90.6	93.0	94.2	94.3	95.0
GE 000	79.7	82.9	85.6	87.3	90.1	90.6	93.0	94.2	94.3	95.0

TOTAL NUMBER OF OBSERVATIONS 930

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 83
MONTH: JAN HOURS: 06-08

ILITY IN STATUTE MILES CE 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
60.2	60.2	60.2	60.2	60.3	60.3	60.4	60.4	60.4	60.4
65.1	65.1	65.1	65.1	65.2	65.2	65.3	65.3	65.3	65.3
65.2	65.2	65.2	65.2	65.3	65.3	65.4	65.4	65.4	65.4
65.2	65.2	65.2	65.2	65.3	65.3	65.4	65.4	65.4	65.4
65.4	65.4	65.4	65.4	65.5	65.5	65.6	65.6	65.6	65.6
66.6	66.6	66.6	66.6	66.7	66.7	66.8	66.8	66.8	66.8
69.6	69.6	69.6	69.6	69.7	69.7	69.8	69.8	69.8	69.8
69.6	69.6	69.6	69.6	69.7	69.7	69.8	69.8	69.8	69.8
71.1	71.1	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3
71.4	71.4	71.4	71.4	71.5	71.5	71.6	71.6	71.6	71.6
71.6	71.6	71.6	71.6	71.7	71.7	71.8	71.8	71.8	71.8
72.7	72.7	72.7	72.7	72.8	72.8	72.9	72.9	72.9	72.9
73.4	73.4	73.4	73.4	73.5	73.5	73.7	73.7	73.7	73.7
75.2	75.2	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.4
75.2	75.2	75.2	75.2	76.0	76.0	76.1	76.1	76.1	76.1
76.6	76.6	76.6	76.6	76.7	76.8	76.9	76.9	76.9	76.9
77.5	77.5	77.5	77.5	77.7	77.7	77.8	77.8	77.8	77.8
78.9	78.9	78.9	79.0	79.2	79.2	79.4	79.4	79.4	79.4
79.0	79.0	79.0	79.1	79.4	79.4	79.5	79.5	79.5	79.5
80.2	80.2	80.2	80.3	80.5	80.5	80.6	80.6	80.6	80.6
81.9	81.9	81.9	82.0	82.3	82.3	82.4	82.4	82.4	82.4
83.9	83.9	83.9	84.0	84.2	84.2	84.3	84.3	84.3	84.3
84.9	85.1	85.1	85.2	85.4	85.4	85.5	85.5	85.5	85.5
85.6	85.7	85.7	85.8	86.0	86.0	86.1	86.1	86.1	86.1
86.1	86.2	86.2	86.3	86.6	86.6	86.7	86.7	86.7	86.7
87.6	87.8	87.8	88.0	88.2	88.2	88.3	88.3	88.3	88.3
89.6	90.1	90.1	90.3	90.5	90.5	90.6	90.6	90.6	90.6
90.5	91.1	91.2	91.5	92.0	92.0	92.2	92.2	92.2	92.3
92.9	93.9	94.0	94.8	95.4	95.4	95.6	95.6	95.6	95.7
93.0	94.2	94.3	95.4	95.9	95.9	96.6	96.9	97.0	97.1
93.0	94.2	94.3	95.4	95.9	95.9	96.8	97.3	98.0	98.5
93.0	94.2	94.3	95.4	95.9	95.9	96.8	97.3	98.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATI

STATION NUMBER: 72340 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	
NO CEIL	71.4	73.7	86.0	54.1	54.5	54.7	54.7	54.8	54.8	5
22000	51.4	50.5	53.9	51.1	51.7	51.8	51.8	51.9	51.9	5
18000	52.4	51.1	51.3	51.5	52.2	52.3	52.3	52.4	52.4	5
15000	53.4	51.1	51.3	51.5	52.2	52.3	52.3	52.4	52.4	5
14000	53.	51.5	51.7	51.9	52.6	52.7	52.7	52.8	52.8	5
12000	61.4	63.1	53.3	53.5	54.2	54.3	54.3	54.4	54.4	5
10000	66.2	67.1	67.3	57.5	58.2	58.3	58.3	58.4	58.4	5
9000	66.2	67.1	67.3	67.5	68.2	68.3	68.3	68.4	68.4	6
8000	67.0	68.0	68.1	68.5	70.2	70.3	70.3	70.4	70.4	7
7000	67.6	70.2	70.2	70.5	71.3	71.4	71.4	71.5	71.5	7
6000	68.0	70.2	70.2	70.5	71.3	71.4	71.4	71.5	71.5	7
5000	69.7	71.4	71.0	71.3	72.0	72.2	72.2	72.3	72.4	7
4500	69.1	71.2	71.4	71.7	72.5	72.6	72.6	72.7	72.7	7
4000	70.1	72.2	72.4	72.7	73.4	73.5	73.6	73.7	73.7	7
3500	70.6	72.7	72.9	73.2	74.0	74.1	74.1	74.2	74.2	7
3000	70.9	73.0	73.2	73.7	74.4	74.5	74.5	74.6	74.6	7
2500	72.1	74.2	74.5	74.9	75.8	75.9	75.9	76.0	76.0	7
2000	73.5	75.7	76.1	76.5	77.4	77.5	77.6	77.7	77.7	7
1800	73.9	76.1	76.5	76.9	77.7	77.9	77.9	78.0	78.0	7
1500	75.3	77.7	78.3	78.7	79.6	80.0	80.0	80.1	80.1	8
1200	76.7	79.2	80.1	80.5	81.7	82.1	82.4	82.5	82.5	8
1000	77.4	80.2	81.2	81.9	83.2	83.6	83.8	83.9	83.9	8
900	78.1	81.1	82.3	83.2	84.3	84.8	85.0	85.1	85.1	8
800	78.5	81.9	83.0	84.1	85.2	85.8	86.0	86.1	86.1	8
700	78.8	82.1	83.4	84.5	85.7	86.3	86.5	86.6	86.6	8
600	79.5	82.9	83.7	84.9	86.0	87.4	87.7	88.1	88.1	8
500	79.9	83.2	84.0	85.4	87.5	88.7	89.0	89.1	89.1	8
400	79.9	83.2	84.2	86.1	88.4	89.7	91.3	91.7	91.7	9
300	79.9	83.2	84.4	86.5	89.1	90.6	92.2	92.9	93.2	9
200	79.9	83.2	84.4	86.6	89.1	90.6	92.3	93.0	93.3	9
100	79.9	83.2	84.4	86.6	89.1	90.6	92.3	93.0	93.3	9
000	79.9	83.2	84.4	86.6	89.1	90.6	92.3	93.0	93.3	9

TOTAL NUMBER OF OBSERVATIONS 930

...IASE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...FROM HOURLY OBSERVATIONS

...BASE... PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JAN HOURS: 09-11

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 3	GE 2 1/2	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
	...4.7	54.7	54....	54....	54.7	54.8	54.9	54.9	54.9	54.9	54.9	
	61....	61....	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
	...4.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
	77.6	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
	77.6	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
	82.0	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
	83.3	83.3	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
	84.5	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
	86.1	86.2	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
	86.3	86.8	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
	87.4	87.8	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
	90.0	90.3	90.1	90.1	90.5	90.5	90.5	90.6	90.8	90.8	90.8	90.8
	91.0	91.3	91.7	91.7	92.5	92.7	92.7	92.9	93.0	93.1	93.1	93.1
	92.6	92.2	92.9	93.2	94.7	94.9	94.9	95.4	95.5	95.8	95.8	95.8
	92.6	92.3	93.0	93.3	95.1	95.5	95.5	96.7	96.8	97.3	97.5	97.5
	92.6	92.3	93.0	93.3	95.1	95.5	95.5	96.8	96.9	97.5	98.7	98.7
	92.6	92.3	93.0	93.3	95.1	95.5	95.5	96.8	96.9	97.5	100.0	100.0

OPERATING LOCATION [illegible]
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible]
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO GMT: + 6

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	[illegible]	[illegible]	57.1	57.1	57.2	57.2	57.2	57.2	57.2	[illegible]
[illegible]	[illegible]	[illegible]	55.2	[illegible]	55.3	55.3	[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]
GE 14000	[illegible]	[illegible]	57.	57.5	57.7	57.7	57.7	57.7	57.7	57.7
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	59.1	59.1	59.1	59.1	59.1	[illegible]
GE 10000	71.	71.[illegible]	72.2	72.[illegible]	72.3	72.3	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	72.2	72.2	72.3	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	74.2	74.2	74.[illegible]	74.3	74.3	74.3	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.7	75.7	75.7	75.7	75.7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.7	75.7	75.7	75.7	75.7	[illegible]
[illegible]	[illegible]	[illegible]	75.7	75.7	75.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	77.2	77.2	77.3	77.3	[illegible]	[illegible]	77.3	[illegible]
[illegible]	[illegible]	77.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	77.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	77.	[illegible]	[illegible]	[illegible]	79.7	79.7	79.7	79.7	79.7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.1	81.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83.1	83.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83.4	[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]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	87.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.1	[illegible]	91.3	91.4	91.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.[illegible]	91.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.6	92.	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

...NTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

...ER AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JAN HOURS: 12-14

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES

GE 2 1/2	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
57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
81.1	81.2	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4
83.1	83.3	83.3	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5
83.9	83.7	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9
84.5	84.7	84.7	84.7	84.8	84.	84.9	84.9	84.9	84.9	84.9
86.5	86.9	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1
87.9	88.1	88.1	88.1	88.3	88.4	88.4	88.4	88.4	88.5	88.5
89.5	89.2	89.2	89.2	89.5	89.6	89.6	89.6	89.6	89.7	89.7
89.7	90.1	90.2	90.2	90.4	90.5	90.5	90.5	90.5	90.6	90.6
91.5	91.3	91.4	91.4	91.6	91.7	91.7	91.7	91.7	91.8	91.8
91.7	92.5	92.7	92.7	92.9	93.0	93.0	93.0	93.0	93.1	93.1
93.5	93.7	93.9	94.0	94.3	94.4	94.4	94.4	94.4	94.5	94.5
95.7	95.8	96.1	96.2	96.3	96.9	96.9	97.0	97.0	97.1	97.1
97.5	96.7	96.7	96.8	98.0	98.1	98.2	98.5	98.5	98.6	98.6
97.9	96.7	96.7	96.9	98.2	98.3	98.4	98.8	98.9	99.0	99.0
97.9	96.7	96.7	96.9	98.3	98.4	98.5	99.0	99.2	99.4	99.7
97.9	96.7	96.7	96.9	98.3	98.4	98.5	99.0	99.2	99.4	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723650 STATION NAME: TINKER AFB OK PERIO
LST TO UTC: + 6 MONTH

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
ALL CEIL	58.1	57.0	57.4	57.0	57.0	57.0	57.0	57.0	57.0	57.0
22000	57.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14000	[illegible]	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
12000	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
10000	73.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
9000	73.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
8000	74.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
7000	75.1	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
6000	76.7	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.4
5000	78.1	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6
4500	78.5	79.8	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0
4000	79.1	80.3	80.3	80.3	80.3	80.5	80.5	80.5	80.5	80.5
3500	79.7	81.1	81.1	81.1	82.0	82.2	82.4	82.4	82.4	82.4
3000	82.1	83.4	83.4	83.4	83.5	83.7	83.8	83.8	83.8	83.8
2500	84.1	84.4	84.9	85.1	85.2	85.4	85.5	85.5	85.5	85.5
2000	85.3	86.7	86.5	86.7	86.7	86.9	86.9	86.9	86.9	86.9
1800	86.1	87.1	87.3	87.4	87.6	87.8	88.0	88.0	88.1	88.1
1500	87.4	88.6	88.6	88.8	89.1	89.5	89.7	90.1	90.1	90.2
1200	89.4	90.7	90.8	91.0	91.2	91.5	91.7	92.1	92.1	92.2
1000	90.7	92.0	92.1	92.3	92.5	92.8	93.0	93.4	93.4	93.5
900	91.2	92.5	92.6	92.8	93.0	93.3	93.5	93.9	93.9	94.0
800	91.7	93.0	93.1	93.3	93.5	93.8	94.0	94.4	94.4	94.5
700	92.3	93.6	93.7	93.9	94.1	94.4	94.6	95.0	95.0	95.1
600	92.7	94.0	94.1	94.3	94.6	94.8	95.1	95.5	95.5	95.6
500	93.1	94.4	94.5	94.7	95.0	95.2	95.5	95.9	95.9	96.0
400	93.4	94.7	94.8	95.0	95.3	95.5	95.8	96.2	96.2	96.3
300	93.7	95.0	95.1	95.3	95.6	95.8	96.1	96.5	96.5	96.6
200	93.7	95.0	95.1	95.3	95.6	95.8	96.1	96.5	96.5	96.6
100	93.7	95.0	95.1	95.3	95.6	95.8	96.1	96.5	96.5	96.6
0	93.7	95.0	95.1	95.3	95.6	95.8	96.1	96.5	96.5	96.6

TOTAL NUMBER OF OBSERVATIONS 9360

NTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] AFB UK

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JAN HOURS: 15-17

CEILING IN HUNDREDS OF FEET / VISIBILITY IN STATUTE MILES	GE 2 1/2	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
	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	68.3	68.3	68.3	68.3	68.3	68.3
	[illegible].6	[illegible].6	[illegible].6	[illegible].6	[illegible].6	68.6	68.6	68.6	68.6	68.6	68.6
	[illegible].6	[illegible].6	[illegible].6	[illegible].6	[illegible].6	68.6	68.6	68.6	68.6	68.6	68.6
	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
	[illegible].6	[illegible].6	[illegible].6	[illegible].6	[illegible].6	78.6	78.6	78.6	78.6	78.6	78.6
	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
	[illegible].2	[illegible].2	[illegible].2	[illegible].2	[illegible].2	80.2	80.2	80.2	80.2	80.2	80.2
	[illegible].5	[illegible].5	[illegible].5	[illegible].5	[illegible].5	80.5	80.5	80.5	80.5	80.5	80.5
	[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible].4	82.4	82.4	82.4	82.4	82.4	82.4
	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	83.3	83.3	83.3	83.3	83.3	83.3
	[illegible].5	[illegible].5	[illegible].5	[illegible].5	[illegible].5	85.5	85.5	85.5	85.5	85.5	85.5
	[illegible].0	[illegible].0	[illegible].0	[illegible].0	[illegible].0	86.0	86.0	86.0	86.0	86.0	86.0
	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	88.1	88.1	88.1	88.1	88.1	88.1
	[illegible].7	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
	[illegible].2	[illegible].4	[illegible].4	[illegible].5	[illegible].5	91.6	91.6	91.6	91.6	91.6	91.6
	[illegible].4	[illegible].0	[illegible].0	[illegible].2	[illegible].3	92.3	92.3	92.3	92.3	92.3	92.3
	[illegible].2	[illegible].3	[illegible].3	[illegible].4	[illegible].5	93.5	93.5	93.5	93.5	93.5	93.5
	[illegible].8	[illegible].9	[illegible].9	[illegible].0	[illegible].1	94.1	94.1	94.1	94.1	94.1	94.1
	[illegible].4	[illegible].3	[illegible].3	[illegible].4	[illegible].5	94.5	94.5	94.5	94.5	94.5	94.5
	[illegible].1	[illegible].0	[illegible].2	[illegible].3	[illegible].5	96.6	96.6	96.6	96.6	96.6	96.6
	[illegible].5	[illegible].1	[illegible].4	[illegible].5	[illegible].7	98.1	98.1	98.1	98.1	98.1	98.1
	[illegible].6	[illegible].4	[illegible].1	[illegible].2	[illegible].6	98.9	98.9	98.9	99.0	99.0	99.0
	[illegible].5	[illegible].4	[illegible].1	[illegible].2	[illegible].6	98.9	98.9	98.9	99.1	99.2	99.2
	[illegible].4	[illegible].4	[illegible].1	[illegible].2	[illegible].7	99.0	99.0	99.0	99.2	99.4	99.9
	[illegible].5	[illegible].4	[illegible].1	[illegible].2	[illegible].7	99.0	99.0	99.0	99.2	99.4	100.0

[illegible] - [illegible] - [illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIO
LST TO UTC: + 6 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	60.8	61.2	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6
GE 20000	68.1	68.4	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 15000	68.5	69.5	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 10000	68.5	69.5	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 14000	69.9	70.6	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 12000	71.0	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.
GE 10000	74.1	75.0	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 9000	74.4	75.1	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 8000	74.1	77.4	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 7000	76.3	77.5	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 6000	76.6	77.9	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.
GE 5000	77.1	78.0	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 4500	78.1	79.1	80.1	80.3	80.5	80.5	80.5	80.5	80.5	80.5
GE 4000	78.5	80.0	80.9	81.0	81.2	81.2	81.2	81.2	81.2	81.
GE 3500	79.4	81.0	81.4	81.7	82.0	82.0	82.0	82.0	82.0	82.
GE 3000	80.7	82.1	82.7	83.0	83.5	83.5	83.5	83.5	83.5	83.
GE 2500	81.7	83.1	83.8	84.4	84.7	84.7	84.8	84.	84.	84.
GE 2000	84.1	84.7	85.5	86.3	86.5	86.5	86.8	86.8	86.8	86.
GE 1500	88.1	89.4	90.3	90.9	91.3	91.3	91.4	91.4	91.4	91.
GE 1000	94.9	96.3	97.2	98.1	98.2	98.2	98.5	98.5	98.5	98.
GE 1200	96.4	97.3	98.3	99.0	99.0	99.0	99.3	99.3	99.3	99.
GE 1000	96.7	98.1	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.
GE 900	97.1	98.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.
GE 800	97.4	98.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.
GE 700	97.6	98.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.
GE 600	97.8	98.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.
GE 500	98.1	98.7	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.
GE 400	98.2	98.9	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.
GE 300	98.2	99.1	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.
GE 200	98.2	99.1	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.
GE 100	98.2	99.1	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.
GE 000	98.2	99.1	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.

TOTAL NUMBER OF OBSERVATIONS 929

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JAN HOURS: 18-20

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
	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7
	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3
	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0
	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0
	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3
	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4
	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5
	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6
	78.1	78.1	78.1	78.1	78.1	78.1	78.3	78.3	78.3	78.3
	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5
	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8
	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6
	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3
	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1
	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6
	84.3	84.3	84.3	84.3	84.3	84.3	84.9	84.9	84.9	84.9
	86.9	86.9	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.1
	87.4	87.4	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6
	89.5	89.5	89.5	89.6	89.7	89.7	89.8	89.8	89.8	89.8
	90.9	90.9	90.9	91.1	91.2	91.2	91.3	91.3	91.3	91.3
	91.5	91.5	91.5	91.7	91.8	91.8	91.9	91.9	91.9	91.9
	91.5	91.6	91.6	91.8	91.9	91.9	92.0	92.0	92.0	92.0
	92.4	92.4	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.8
	93.2	93.2	93.2	93.4	93.5	93.5	93.6	93.6	93.6	93.6
	93.5	93.5	93.5	93.8	93.9	93.9	94.0	94.0	94.0	94.0
	94.9	94.9	94.9	95.2	95.5	95.5	95.8	95.8	95.8	95.8
	96.4	96.4	96.9	97.1	97.4	97.4	97.7	97.7	97.7	97.7
	96.7	97.3	97.3	97.7	98.1	98.1	98.4	98.4	98.4	98.4
	96.8	97.5	97.5	98.1	98.4	98.4	98.8	99.0	99.2	99.2
	96.8	97.5	97.5	98.1	98.4	98.4	99.1	99.1	99.4	99.6
	96.8	97.5	97.5	98.1	98.4	98.4	99.1	99.2	99.5	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72353() STATION NAME: TINKER AFB OK PERI
LST TO UTC: + 6 MONT

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	63.2	64.1	64.4	64.5	64.5	64.7	64.8	64.8	64.
GE 20000	69.7	69.7	70.0	70.1	70.2	70.3	70.4	70.4	70.4	70.
GE 18000	69.1	70.1	70.4	70.5	70.6	70.6	70.7	70.9	70.9	70.
GE 14000	69.1	70.1	70.4	70.5	70.6	70.8	70.7	70.9	70.9	70.
GE 14000	69.5	70.5	70.8	71.0	71.1	71.2	71.3	71.3	71.3	71.
GE 12000	70.1	71.1	71.4	71.5	71.6	71.7	71.8	71.8	71.8	71.
GE 10000	73.3	74.4	74.7	74.8	74.9	75.1	75.2	75.2	75.2	75.
GE 9000	73.3	74.4	74.7	74.8	74.9	75.1	75.2	75.2	75.2	75.
GE 8000	73.4	74.	75.2	75.3	75.4	75.5	75.6	75.6	75.6	75.
GE 7000	74.5	75.6	75.9	76.0	76.1	76.2	76.3	76.3	76.3	76.
GE 6000	74.9	75.9	76.2	76.3	76.5	76.6	76.7	76.7	76.7	76.
GE 5000	76.6	76.7	77.1	77.3	77.4	77.5	77.6	77.6	77.6	77.
GE 4500	76.9	76.9	77.3	77.5	77.6	77.7	77.8	77.8	77.8	77.
GE 4000	76.9	77.0	77.4	77.5	77.7	78.0	78.0	78.0	78.0	78.
GE 3500	77.6	77.7	78.1	78.4	78.5	78.6	78.7	78.7	78.7	78.
GE 3000	78.3	78.6	80.0	80.2	80.3	80.4	80.5	80.5	80.5	80.
GE 2500	78.	80.2	80.8	81.2	81.4	81.5	81.6	81.6	81.6	81.
GE 2000	80.	82.3	82.9	83.3	83.5	83.7	83.8	83.8	83.8	83.
GE 1500	81.5	83.2	84.3	84.7	84.9	85.1	85.3	85.3	85.3	85.
GE 1000	83.3	85.2	86.3	86.8	87.2	87.3	87.5	87.5	87.5	87.
GE 800	84.7	86.7	87.7	88.2	88.5	88.9	89.1	89.3	89.3	89.
GE 600	85.3	87.3	88.3	89.1	89.3	90.0	90.4	90.4	90.4	90.
GE 500	85.3	87.4	88.4	89.4	90.0	90.2	90.5	90.6	90.6	90.
GE 400	85.6	87.7	89.0	90.0	90.5	90.9	91.3	91.3	91.3	91.
GE 300	86.1	88.1	89.5	90.6	91.6	91.9	92.3	92.3	92.3	92.
GE 200	86.2	88.5	90.5	91.3	93.0	93.2	93.7	93.7	93.7	93.
GE 150	86.2	88.7	91.0	92.3	93.5	94.1	95.3	95.4	95.4	95.
GE 100	86.3	88.8	91.4	92.7	94.3	94.9	96.2	96.5	96.5	96.
GE 300	86.4	88.9	91.4	92.7	94.5	95.2	96.6	97.0	97.0	97.
GE 200	86.5	88.9	91.4	92.7	94.5	95.2	96.5	97.0	97.0	97.
GE 100	86.5	88.9	91.4	92.7	94.5	95.2	96.6	97.0	97.0	97.
GE 000	86.5	88.9	91.4	92.7	94.5	95.2	96.6	97.0	97.0	97.

TOTAL NUMBER OF OBSERVATIONS 930

...SE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

...AFB OK PERIOD OF RECORD: MAR 79 - FEB 80
MONTH: JAN HOURS: 21-23

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 1/2	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
	...4.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	65.2
	...0.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.6	70.9
	...0.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.1	71.3
	...0.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.1	71.3
	...1.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.5	71.7
	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	72.0	72.3
	...5.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.4	75.6
	...5.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.4	75.6
	...5.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.8	76.0
	...6.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.6	76.8
	...6.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.9	77.1
	...7.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.8	78.1
	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.1	78.3
	...8.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.1	79.4
	...9.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.9	80.1
	...0.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.8	81.0
	...1.3	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.7	81.8	82.0
	...2.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	84.0	84.2
	...5.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.5	85.7
	...7.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.7	88.0
	...9.1	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.8	90.0
	...0.3	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.6	90.8	91.0
	...0.7	90.5	90.6	90.6	90.6	90.6	90.6	90.8	90.9	91.0	91.2
	...1.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.5	91.6	91.8
	...2.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.5	92.6	92.8
	...3.2	93.7	93.7	93.7	93.7	93.8	93.8	93.9	94.0	94.1	94.3
	...5.1	95.3	95.4	95.4	95.5	95.6	95.6	95.9	96.0	96.1	96.3
	...6.7	96.2	96.5	96.5	96.7	96.9	96.9	97.6	97.7	97.8	98.1
	...7.2	96.6	97.0	97.0	97.2	97.5	97.5	98.3	98.4	98.6	98.8
	...7.2	96.5	97.0	97.0	97.4	97.8	98.0	98.7	98.8	99.0	99.2
	...7.3	96.6	97.0	97.0	97.5	98.0	98.1	99.0	99.4	99.6	99.8
	...7.2	96.6	97.0	97.0	97.5	98.0	98.1	99.0	99.4	99.6	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK PERI
LST TO UTC: + 6 MONT

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	59.8	60.3	60.4	60.5	60.8	60.9	60.9	60.9	60.9	60.9
GE 20000	56.1	56.3	56.7	56.9	57.2	57.3	57.3	57.3	57.3	57.3
GE 18000	56.5	56.7	57.1	57.3	57.6	57.6	57.7	57.7	57.7	57.7
GE 16000	56.5	56.7	57.1	57.3	57.6	57.7	57.7	57.7	57.7	57.7
GE 14000	56.1	57.4	57.8	58.0	58.3	58.3	58.4	58.4	58.4	58.4
GE 12000	57.2	57.4	57.8	58.1	58.4	58.4	58.5	58.5	58.5	58.5
GE 10000	70.7	71.1	72.2	72.5	72.8	72.8	72.9	72.9	72.9	72.9
GE 9000	70.9	71.3	72.2	72.5	72.8	72.8	72.9	72.9	72.9	72.9
GE 8000	71.4	73.0	73.7	74.0	74.3	74.3	74.4	74.4	74.4	74.4
GE 7000	72.4	73.8	74.5	74.8	74.9	74.9	75.0	75.0	75.0	75.0
GE 6000	72.6	74.1	74.8	74.8	75.1	75.2	75.3	75.3	75.3	75.3
GE 5000	73.6	75.0	75.6	75.7	76.1	76.1	76.2	76.2	76.2	76.2
GE 4500	74.1	75.5	76.0	76.3	76.7	76.7	76.8	76.8	76.8	76.8
GE 4000	74.9	76.7	77.1	77.6	77.8	77.9	78.0	78.0	78.0	78.0
GE 3500	76.7	77.2	77.7	78.0	78.4	78.5	78.6	78.6	78.6	78.6
GE 3000	76.6	78.0	78.4	79.0	79.4	79.5	79.6	79.6	79.6	79.6
GE 2500	77.3	78.9	79.5	80.0	80.5	80.6	80.7	80.7	80.7	80.7
GE 2000	78.7	80.4	81.1	81.5	82.1	82.2	82.4	82.4	82.4	82.4
GE 1800	79.0	80.9	81.6	82.2	82.7	82.7	83.0	83.0	83.0	83.0
GE 1500	80.0	82.4	83.3	83.8	84.4	84.5	84.6	84.8	84.8	84.8
GE 1200	81.4	83.1	84.3	85.5	86.1	86.2	86.6	86.6	86.7	86.7
GE 1000	82.5	84.4	85.6	86.6	87.3	87.4	87.7	87.9	88.0	88.1
GE 900	82.9	84.8	86.1	86.4	87.3	88.0	88.2	88.7	88.7	88.7
GE 800	83.1	85.4	86.3	87.7	88.6	88.9	89.4	89.5	89.5	89.6
GE 700	83.3	85.8	87.4	88.3	89.3	89.5	90.3	90.3	90.4	90.5
GE 600	83.5	86.0	87.8	88.9	89.9	90.1	90.6	91.2	91.3	91.3
GE 500	83.7	86.3	88.4	89.7	91.1	91.7	92.5	93.1	93.1	93.2
GE 400	83.7	86.4	88.7	90.3	91.8	92.7	94.2	94.7	94.8	95.0
GE 300	83.9	86.5	89.0	90.7	92.4	93.2	95.1	95.8	95.9	96.2
GE 200	83.9	86.5	89.0	90.7	92.4	93.3	95.1	95.9	96.1	96.4
GE 100	83.9	86.5	89.0	90.7	92.4	93.3	95.1	95.9	96.1	97.1
ALL	83.9	86.5	89.0	90.7	92.4	93.3	95.1	95.9	96.1	97.1

TOTAL NUMBER OF OBSERVATIONS 7439

ILI[illegible]NTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible]KER AFB OK — PERIOD OF RECORD: MAR 79 - FEB 89
JAN — MONTH: JAN HOURS: ALL

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	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
[illegible]	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.1	61.1	61.1
[illegible]	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.5	67.5	67.5
[illegible]	67.6	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.9	67.9	67.9
[illegible]	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9
[illegible]	68.3	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.6	68.6	68.6
[illegible]	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6
[illegible]	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0
[illegible]	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.1
[illegible]	74.3	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.6	74.6	74.6
[illegible]	74.9	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.2	75.2	75.2
[illegible]	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.5
[illegible]	76.1	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.4	76.4	76.4
[illegible]	76.7	76.8	76.8	76.8	76.8	76.9	76.9	76.9	77.0	77.0	77.0
[illegible]	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.2
[illegible]	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.8
[illegible]	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.8	79.8
[illegible]	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9
[illegible]	82.2	82.4	82.4	82.4	82.5	82.5	82.6	82.6	82.6	82.7	82.7
[illegible]	82.7	83.0	83.0	83.0	83.0	83.1	83.1	83.2	83.2	83.2	83.3
[illegible]	84.5	84.6	84.6	84.6	84.9	85.0	85.0	85.0	85.1	85.1	85.1
[illegible]	86.2	86.6	86.6	86.7	86.8	86.8	86.8	86.9	86.9	86.9	87.0
[illegible]	87.4	87.9	87.9	88.0	88.1	88.2	88.2	88.2	88.3	88.3	88.3
[illegible]	88.2	88.7	88.7	88.7	88.8	88.9	88.9	89.0	89.0	89.1	89.1
[illegible]	88.9	89.4	89.5	89.5	89.6	89.7	89.7	89.8	89.8	89.9	89.9
[illegible]	89.6	90.3	90.3	90.4	90.5	90.6	90.6	90.7	90.7	90.7	90.8
[illegible]	90.6	91.2	91.3	91.3	91.5	91.6	91.6	91.6	91.7	91.7	91.7
[illegible]	91.7	92.8	93.1	93.1	93.3	93.5	93.5	93.6	93.7	93.7	93.7
[illegible]	92.7	94.2	94.7	94.8	95.2	95.5	95.5	95.7	95.8	95.8	95.9
[illegible]	93.2	95.1	95.8	95.9	96.6	96.9	96.9	97.3	97.3	97.4	97.5
[illegible]	93.3	95.1	95.9	96.1	96.9	97.3	97.4	97.9	98.0	98.2	98.3
[illegible]	93.3	95.1	95.9	96.1	97.0	97.4	97.4	98.2	98.5	98.8	99.3
[illegible]	93.3	95.1	95.9	96.1	97.0	97.4	97.4	98.2	98.5	98.9	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK PERIO
LST TO UTC: + 6 MONTH

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	52.7	53.7	54.5	54.9	55.4	55.5	55.7	55.7	55.7	55.7
GE 20000	55.3	56.3	56.8	59.0	59.5	59.7	60.0	60.0	60.0	60.0
GE 18000	55.3	56.3	57.1	59.4	60.0	60.1	60.3	60.3	60.3	60.3
GE 16000	55.3	56.3	57.1	59.4	60.0	60.1	60.3	60.3	60.3	60.3
GE 14000	57.5	58.5	59.7	60.0	60.5	60.7	60.9	60.9	60.9	60.9
GE 12000	58.4	59.4	60.7	60.9	61.5	61.6	61.8	61.8	61.8	61.8
GE 10000	62.3	63.4	64.4	64.7	65.3	65.4	65.6	65.6	65.6	65.6
GE 9000	62.3	63.4	64.3	65.0	65.6	65.7	66.0	66.0	66.0	66.0
GE 8000	64.7	65.8	66.9	67.1	67.7	67.8	68.1	68.1	68.1	68.1
GE 7000	65.1	66.5	67.4	67.6	68.2	68.3	68.5	68.5	68.5	68.5
GE 6000	65.7	67.1	68.0	68.2	68.8	68.9	69.1	69.1	69.1	69.1
GE 5000	68.1	69.5	69.9	69.9	70.3	70.3	70.5	70.5	70.5	70.5
GE 4500	67.1	68.5	69.5	69.7	70.3	70.4	70.7	70.7	70.7	70.7
GE 4000	68.5	70.0	70.9	71.1	71.8	72.0	72.2	72.2	72.2	72.2
GE 3500	69.3	70.9	71.8	72.1	72.8	73.0	73.4	73.4	73.4	73.4
GE 3000	69.7	71.3	72.2	73.0	73.7	74.0	74.3	74.3	74.3	74.3
GE 2500	71.4	73.0	74.7	75.1	75.9	76.1	76.4	76.4	76.4	76.4
GE 2000	72.4	74.0	76.3	77.4	78.3	78.5	78.7	78.9	78.9	78.9
GE 1800	73.1	75.4	77.3	77.9	78.8	79.0	79.2	79.5	79.5	79.5
GE 1500	73.6	76.0	78.2	79.2	80.1	80.3	80.8	80.8	80.8	80.8
GE 1200	74.4	77.0	80.3	82.3	83.5	84.0	84.5	84.5	84.5	84.5
GE 1000	75.2	77.7	82.1	83.7	85.2	85.7	86.2	86.2	86.2	86.3
GE 900	75.9	78.4	82.3	84.0	85.4	86.0	86.5	86.5	86.5	86.6
GE 800	76.1	78.8	83.2	84.9	86.5	87.2	87.6	87.6	87.6	87.7
GE 700	76.5	79.5	84.1	86.2	87.9	88.7	89.2	89.2	89.3	89.4
GE 600	76.9	80.1	84.9	87.2	89.2	90.1	90.6	90.6	90.7	91.0
GE 500	77.4	80.1	85.2	87.4	89.8	91.6	92.0	92.1	92.2	92.3
GE 400	77.9	80.2	85.3	88.0	90.7	92.6	93.2	93.3	93.4	93.5
GE 300	77.9	80.2	85.4	88.1	90.9	92.9	93.6	93.9	94.0	94.2
GE 200	77.9	80.2	85.4	88.1	91.4	93.3	94.3	95.1	95.2	95.4
GE 100	77.9	80.2	85.4	88.1	91.4	93.3	94.3	95.2	95.3	96.0
GE 000	77.9	80.2	85.4	88.1	91.4	93.3	94.3	95.2	95.3	96.0

TOTAL NUMBER OF OBSERVATIONS 849

GE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AFS OK

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: FEB HOURS: 00-02

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES									
	GE 1/2	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
.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
.2	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
.3	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
.7	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
.0	86.5	86.5	86.5	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9
.2	87.6	87.6	87.6	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2
.7	89.2	89.2	89.3	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2
.1	90.6	90.6	90.7	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6
.0	92.0	92.1	92.2	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
.5	93.2	93.3	93.4	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5
.9	93.6	93.9	94.0	94.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2
.3	94.3	95.1	95.2	95.9	96.8	96.9	97.1	97.1	97.2	97.4	
.3	94.3	95.2	95.3	96.0	96.9	97.1	97.5	98.2	98.9	99.3	
.3	94.3	95.2	95.3	96.0	96.9	97.1	97.5	98.2	98.9	100.0	

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY
HOURLY OBSERVATI

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
EST TO UTC: + 6

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	10	7	5	5	4	3	2 1/2	2	1 1/2	1 1/4
NO CEIL	52.7	53.5	54.9	55.1	55.4	55.5	55.6	55.6	55.6	55
20000	54.3	55.4	57.1	57.7	58.0	58.1	58.2	58.2	58.2	58
15000	55.2	56.4	57.5	58.1	58.3	58.4	58.5	58.5	58.5	58
10000	55.4	56.9	57.6	58.2	58.4	58.6	58.7	58.7	58.7	58
9000	55.2	57.1	57.8	58.4	58.7	58.8	58.9	58.9	58.9	58
8000	55.7	57.4	58.1	58.7	58.9	59.0	59.1	59.1	59.1	59
7000	57.	58.3	59.2	59.8	60.1	60.2	60.3	60.3	60.3	60
6000	57.9	58.8	60.2	60.8	61.0	61.1	61.2	61.2	61.2	61
5000	60.4	62.2	63.9	63.5	63.7	63.8	64.0	64.0	64.0	64
4000	61.9	63.7	64.8	64.1	64.3	64.4	64.5	64.5	64.5	64
3500	61.9	63.9	65.7	64.8	64.5	64.7	64.8	64.8	64.8	64
3000	63.2	64.2	65.1	65.7	65.9	66.1	66.2	66.2	66.2	66
2500	63.7	64.7	65.9	66.0	66.2	66.4	67.1	67.1	67.1	67
2000	64.2	65.1	67.3	68.0	68.2	68.4	69.4	69.4	69.4	69
1800	64.7	65.7	67.6	68.5	68.8	69.0	69.3	69.3	69.3	69
1600	65.7	67.7	69.3	69.7	70.0	70.1	70.2	70.2	70.2	70
1400	67.7	70.2	71.4	72.1	72.4	72.6	72.7	72.7	72.7	72
1200	68.7	71.4	73.1	74.2	74.6	74.7	75.0	75.1	75.1	75
1000	69.1	72.3	74.1	75.3	75.6	75.7	76.1	76.2	76.2	76
900	70.1	73.2	75.4	76.1	77.1	77.3	77.6	77.7	77.7	77
800	71.7	74.8	77.1	77.6	78.2	78.4	78.7	80.0	80.0	80
700	73.7	77.3	79.5	81.4	82.1	82.3	82.7	83.2	83.2	
600	73.9	77.4	79.9	81.5	82.6	82.8	83.3	83.5	83.5	
500	74.1	77.5	80.4	82.2	83.6	84.0	84.5	84.7	84.7	
400	74.3	78.2	81.2	83.4	84.3	85.3	85.7	86.0	86.0	
300	74.3	78.4	81.7	84.5	85.9	86.5	86.9	87.2	87.2	
200	74.3	78.4	82.4	85.3	86.2	87.3	87.9	88.2	88.2	
100	74.3	78.4	82.4	85.3	86.2	87.3	87.9	88.2	88.2	
400	74.3	78.4	82.4	85.3	86.2	87.3	87.9	88.2	88.2	
300	74.3	78.4	83.0	85.9	87.5	88.6	89.2	89.5	89.5	
200	74.3	78.6	83.0	86.2	88.3	89.3	91.5	92.2	92.2	
100	74.3	78.6	83.0	86.2	88.3	90.0	92.9	93.9	93.9	
000	74.3	78.6	83.0	86.2	88.3	90.1	93.1	94.0	94.0	

TOTAL NUMBER OF OBSERVATIONS 849

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] AFB OK

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: FEB HOURS: 03-05

VISIBILITY IN STATUTE MILES

GE 2 1/2	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
55.5	55.5	55.6	55.6	55.8	55.9	55.9	56.1	56.1	56.1	56.3
58.1	58.2	58.2	58.2	58.4	58.5	58.5	58.7	58.7	58.7	58.9
58.4	58.5	58.5	58.5	58.8	58.9	58.9	59.0	59.0	59.0	59.2
58.5	58.7	58.7	58.7	58.9	59.0	59.0	59.1	59.1	59.1	59.4
[illegible]	58.9	58.9	58.9	59.1	59.2	59.2	59.4	59.4	59.4	59.6
59.0	59.1	59.1	59.1	59.4	59.5	59.5	59.6	59.6	59.6	59.8
61.1	61.2	61.2	61.2	61.5	61.6	61.6	61.7	61.7	61.7	62.0
61.1	61.2	61.2	61.2	61.5	61.5	61.6	61.7	61.7	61.7	62.0
[illegible]	64.0	64.0	64.0	64.2	64.3	64.3	64.4	64.4	64.4	64.7
64.4	64.5	64.5	64.5	64.5	64.9	64.9	65.0	65.0	65.0	65.3
64.7	64.8	64.8	64.8	65.0	65.1	65.1	65.3	65.3	65.3	65.5
66.1	66.2	66.2	66.2	66.4	66.5	66.5	66.7	66.7	66.7	66.9
66.9	67.0	67.0	67.0	67.3	67.4	67.4	67.5	67.5	67.5	67.7
[illegible]	68.4	68.4	68.4	68.7	68.8	68.8	68.9	68.9	68.9	69.1
68.9	69.0	69.0	69.0	69.3	69.4	69.4	69.5	69.5	69.5	69.7
70.1	70.2	70.2	70.2	70.4	70.5	70.6	70.7	70.7	70.7	70.9
72.5	72.7	72.7	72.7	73.0	73.1	73.1	73.3	73.3	73.3	73.5
74.7	75.0	75.1	75.1	75.5	75.6	75.6	75.7	75.7	75.7	76.0
75.7	76.1	76.2	76.2	76.6	76.7	76.7	76.8	76.8	76.8	77.0
77.3	77.5	77.7	77.7	78.1	78.2	78.2	78.3	78.3	78.3	78.6
79.4	79.7	80.0	80.0	80.3	80.4	80.4	80.6	80.6	80.6	80.9
82.3	82.7	82.9	82.9	83.4	83.5	83.5	83.6	83.6	83.6	83.9
[illegible]	83.3	83.5	83.5	84.0	84.1	84.1	84.2	84.2	84.2	84.5
[illegible]	84.5	84.7	84.7	85.2	85.4	85.4	85.5	85.5	85.5	85.7
85.3	85.7	86.0	86.0	86.5	86.7	86.7	86.8	86.8	86.8	87.0
86.5	86.9	87.2	87.2	87.6	87.9	87.9	88.0	88.0	88.0	88.2
[illegible]	88.9	89.2	89.2	89.6	89.9	89.9	90.0	90.0	90.0	90.2
89.6	90.2	90.6	90.6	91.0	91.5	91.5	91.6	91.6	91.6	91.9
90.3	91.5	92.2	92.2	92.8	93.3	93.3	93.4	93.4	93.4	93.6
90.9	92.9	93.8	93.9	95.2	95.9	95.9	96.5	96.7	96.7	96.9
90.1	93.1	93.9	94.0	95.4	96.1	96.1	96.9	97.8	97.9	98.5
90.1	93.1	93.9	94.0	95.4	96.1	96.1	96.9	97.8	98.0	100.0

...AGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...FROM HOURLY OBSERVATIONS

...SE, NY PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: FEB HOURS: 06-08

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	≥ 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 3/8	≥ 1/4	≥ 0
	51.[illegible]	51.[illegible]	51.9	51.9	51.9	52.1	52.1	52.1	52.1	52.2	52.5
	[illegible].2	[illegible].3	[illegible].7	[illegible].7	[illegible].7	[illegible].8	[illegible].8	[illegible].8	[illegible].8	[illegible].9	57.2
	[illegible].7	[illegible].7	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.4	57.7
	[illegible].7	[illegible].6	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.4	57.7
	[illegible].[illegible]	56.9	57.2	57.2	57.2	57.4	57.4	57.4	57.4	57.6	57.8
	57.2	57.4	57.7	57.7	57.7	57.8	57.8	57.8	57.9	58.0	58.3
	[illegible].1	[illegible].2	[illegible].5	[illegible].5	[illegible].6	59.7	59.7	59.7	[illegible].7	[illegible].8	60.2
	[illegible].2	[illegible].4	[illegible].7	[illegible].7	[illegible].7	[illegible].8	[illegible].8	[illegible].8	[illegible].8	60.0	60.3
	61.4	61.5	61.8	61.8	61.8	62.0	62.0	62.0	62.0	62.1	62.4
	[illegible].2	[illegible].1	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.7	63.0
	[illegible].2	[illegible].3	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.9	63.3
	[illegible].1	[illegible].3	[illegible].5	[illegible].5	[illegible].6	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].8	64.2
	[illegible].2	[illegible].1	[illegible].4	[illegible].4	[illegible].4	[illegible].5	[illegible].5	[illegible].5	[illegible].5	[illegible].7	65.0
	[illegible].4	[illegible].3	[illegible].7	[illegible].8	[illegible].8	[illegible].9	[illegible].9	[illegible].9	[illegible].9	[illegible].1	[illegible].4
	[illegible].7	[illegible].8	[illegible].2	[illegible].2	[illegible].2	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].4	[illegible].8
	[illegible].3	[illegible].7	[illegible].0	[illegible].0	[illegible].0	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].3	[illegible].4
	[illegible].[illegible]	[illegible].1	[illegible].4	[illegible].4	[illegible].4	[illegible].5	[illegible].5	[illegible].5	[illegible].5	[illegible].7	69.0
	[illegible].[illegible]	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.6	72.0
	71.7	71.[illegible]	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.5	72.9
	[illegible].[illegible]	73.3	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	74.0
	77.7	[illegible].0	[illegible].4	[illegible].5	[illegible].7	[illegible].8	78.0	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].3
	[illegible].[illegible]	[illegible].[illegible]	[illegible].7	[illegible].8	[illegible].[illegible]	81.0	81.0	81.0	81.0	81.2	81.6
	[illegible].[illegible]	81.9	81.7	81.9	82.0	82.1	82.1	82.1	82.1	82.2	82.6
	[illegible].4	[illegible].[illegible]	83.4	83.5	83.6	83.7	83.7	83.7	83.7	83.9	84.2
	[illegible].[illegible]	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.7	85.0
	[illegible].[illegible]	[illegible].[illegible]	85.4	85.5	85.6	85.7	85.7	85.7	85.7	85.9	86.2
	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].7	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	89.3
	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	90.6	90.7	90.7	90.7	90.7	[illegible].[illegible]	91.2
	[illegible].[illegible]	[illegible].7	91.8	92.0	92.6	92.8	92.9	93.1	93.1	93.2	93.6
	[illegible].[illegible]	91.2	92.5	92.7	93.5	94.5	94.5	94.7	94.7	94.8	95.4
	[illegible].[illegible]	91.3	92.6	92.8	94.0	94.8	94.8	95.4	95.8	96.5	98.2
	[illegible].[illegible]	91.3	92.6	92.8	94.0	94.8	94.8	95.4	95.8	96.7	100.0

OPERATING LOCATION: "AW"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FOR (illegible)

STATION NUMBER: 72306(illegible) STATION NAME: (illegible)
EST TIME: + 6

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	
ALL CEIL	46.	46.	47.5	48.1	48.4	48.4	48.5	48.5	48.6	4
22000	50.1	51.0	51.7	52.3	52.7	52.7	52.9	52.9	53.1	5
18000	52.3	53.2	53.5	53.6	53.9	53.9	54.1	54.1	54.1	5
14000	53.	54.1	54.7	55.2	55.4	55.4	55.6	55.6	55.6	5
12000	53.8	54.8	55.4	55.9	56.1	56.1	56.3	56.3	56.3	5
10000	54.4	55.4	56.0	56.5	56.7	56.7	56.9	56.9	56.9	5
9000	54.	55.7	56.3	56.7	57.0	57.0	57.2	57.2	57.2	5
8000	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
7000	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
6000	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
5000	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
4500	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
4000	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
3500	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
3000	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
2500	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
2000	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
1800	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
1600	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
1400	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
1200	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
1000	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
900	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
800	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
700	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
600	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
500	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
400	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
300	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
200	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
100	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5
0	54.	55.7	56.3	56.8	57.1	57.1	57.3	57.3	57.3	5

TOTAL NUMBER OF OBSERVATIONS 4463

QUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: FEB HOURS: 09-11

Y 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
	48.5	48.5	48.5	48.5	48.6	48.8	48.8	48.8	48.8
	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.0
	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2
	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5
	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.6
	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1
	57.7	57.7	57.7	57.7	57.7	57.8	57.8	58.1	58.1
	57.8	57.8	57.8	57.8	57.8	58.0	58.0	58.2	58.2
	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.4	61.4
	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.4	62.4
	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.4	62.4
	62.5	62.5	62.5	62.5	62.5	62.7	62.7	62.9	62.9
	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.6	63.6
	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.4	65.4
	65.1	65.1	65.1	65.1	65.1	65.3	65.3	65.5	65.5
	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.7	66.7
	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.7	67.7
	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.3	70.3
	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.8	71.8
	73.7	73.7	73.7	73.7	73.7	73.9	73.9	74.1	74.1
	77.0	77.0	77.1	77.1	77.1	77.3	77.3	77.5	77.5
	78.6	78.6	78.6	78.6	78.6	78.9	78.9	79.2	79.2
	79.4	79.4	79.4	79.6	79.6	79.7	79.7	80.0	
	80.9	80.9	81.2	81.2	81.2	81.3	81.3	81.5	81.5
	82.3	82.3	82.6	82.6	82.6	82.9	82.9	83.0	83.0
	84.2	84.2	84.6	84.6	84.6	84.8	84.8	85.0	85.0
	87.3	87.3	88.3	88.3	88.3	89.5	89.5	89.8	89.8
	90.5	90.7	91.6	91.9	91.9	92.1	92.1	92.3	92.3
	92.1	92.5	94.5	94.8	94.8	95.3	95.3	95.5	95.5
	92.2	92.6	94.7	95.1	95.1	95.9	96.1	96.7	97.2
	92.2	92.6	94.7	95.1	95.1	96.0	96.3	96.8	99.5
	92.2	92.6	94.7	95.1	95.1	96.0	96.3	96.1	100.0

OPERATING LOCATION "A"
USAFSTAC, APO VILLA [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72[illegible] STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 AUGUST

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
00 UNL	49.1	49.1	49.5	49.5	44.7	49.7	49.7	49.7	49.7	49.7
05 [illegible]	55.1	55.7	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.
07 [illegible]	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.
10 [illegible]	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.
15 14000	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.
20 12000	57.4	57.4	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.
25 10000	61.3	61.3	61.3	61.3	62.3	62.3	62.3	62.3	62.3	62.
30 [illegible]	61.3	61.3	61.3	62.3	62.4	62.4	62.4	62.4	62.4	62.
35 [illegible]	63.3	63.3	64.3	64.3	64.7	64.7	64.7	64.7	64.7	64.
40 7000	64.7	64.8	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.
45 [illegible]	64.7	64.8	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.
50 [illegible]	[illegible]	69.3	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.
55 [illegible]	[illegible]	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.
60 [illegible]	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.
65 [illegible]	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.
70 [illegible]	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.
75 [illegible]	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.
80 [illegible]	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.
85 [illegible]	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.
90 12000	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.
95 [illegible]	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.
100 [illegible]	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.
105 [illegible]	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.
110 [illegible]	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.
115 [illegible]	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.
120 [illegible]	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.
125 [illegible]	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.
130 [illegible]	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.
135 [illegible]	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.
140 [illegible]	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.

TOTAL NUMBER OF OBSERVATIONS 649

LI[illegible] PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] AFB OK — PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: FEB HOURS: 12-14

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/4	GE 1/4	GE 0
[illegible]	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8
[illegible]	[illegible]	56.0	56.0	56.0	56.0	57.0	57.0	57.0	57.0	57.0	57.0
[illegible]	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1
[illegible]	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1
[illegible]	[illegible]	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1
[illegible]	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7
[illegible]	[illegible]	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1
[illegible]	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5
[illegible]	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8
[illegible]	65.8	65.8	65.8	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0
[illegible]	[illegible]	65.8	65.8	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0
[illegible]	[illegible]	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9
[illegible]	67.1	67.1	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3
[illegible]	[illegible]	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
[illegible]	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4
[illegible]	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5
[illegible]	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8
[illegible]	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6
[illegible]	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3
[illegible]	78.3	78.3	78.3	78.3	78.3	78.9	78.9	78.9	78.9	78.9	78.9
[illegible]	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3
[illegible]	83.7	83.7	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9
[illegible]	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7
[illegible]	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3
[illegible]	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.2	89.2	89.2	89.2
[illegible]	89.2	89.5	89.5	89.5	89.5	89.6	89.6	89.9	89.9	89.9	89.9
[illegible]	91.3	91.4	91.6	91.6	92.3	92.6	92.6	92.7	92.7	92.7	92.7
[illegible]	93.1	93.1	93.8	94.0	94.9	95.1	95.1	95.2	95.2	95.2	95.2
[illegible]	94.7	94.8	95.3	95.6	97.5	97.8	97.8	98.0	98.0	98.0	98.0
[illegible]	94.7	94.8	95.3	95.6	97.8	98.1	98.1	99.1	99.1	99.2	99.3
[illegible]	94.7	94.8	95.3	95.6	97.8	98.1	98.1	99.1	99.2	99.5	100.0
[illegible]	94.7	94.8	95.3	95.6	97.8	98.1	98.1	99.1	99.2	99.5	100.0

OPERATIONS LOCATION: "AM"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATI

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

CEILING	VISIBILITY IN STATUTE MILES									
	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	
FEET	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1	
1 SFC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
2 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
4 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
5 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
6 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
7 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
8 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
9 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
10 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
11 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
12 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
13 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
14 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
15 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
16 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
17 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
18 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
19 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
20 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
21 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
22 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
23 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
24 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
25 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
26 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
27 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
28 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
29 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
30 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
31 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
32 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
33 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
34 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
35 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
36 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

TOTAL NUM[illegible] OF OBSERVATIONS 3[illegible]

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: FEB HOURS: 15-17

ILITY 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
50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
91.0	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
92.8	92.7	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
93.4	93.2	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
94.4	94.5	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2
94.9	95.8	96.2	96.7	96.9	96.8	97.1	97.2	97.2	97.2
95.9	96.7	97.2	98.0	98.2	98.4	98.6	98.8	98.8	98.8
95.9	96.9	97.4	98.2	98.6	98.7	99.1	99.4	99.5	99.6
95.9	96.9	97.4	98.2	98.6	98.7	99.2	99.5	99.9	100.0
95.9	96.9	97.4	98.2	98.6	98.7	99.2	99.5	99.9	100.0

OPERATING LOCATION: NAW
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723940 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

CEILING	VISIBILITY IN STATUTE MILES									
IN FEET	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
ALL CEIL	84.7	[illegible]	85.1	85.3	85.3	85.3	85.3	85.3	85.3	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	82.9	82.9	82.9	82.9	82.9	82.9	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	82.9	82.9	82.9	82.9	82.9	82.9	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	82.9	82.9	82.9	82.9	82.9	82.9	[illegible]
[illegible]	[illegible]	[illegible]	83.0	83.7	83.7	83.7	83.7	83.7	83.7	[illegible]
[illegible]	[illegible]	[illegible]	83.7	84.4	84.4	84.4	84.4	84.4	84.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	83.4	83.4	83.4	83.4	83.4	83.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	83.7	83.7	83.7	83.7	83.7	83.7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	83.8	83.8	83.8	83.8	83.8	83.8	[illegible]
[illegible]	[illegible]	[illegible]	83.7	78.3	78.4	78.4	78.4	78.4	78.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	78.8	78.7	78.7	78.7	78.7	78.7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	71.8	72.1	72.1	72.1	72.1	72.1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	73.2	73.3	73.3	73.3	73.3	73.3	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	74.7	75.4	75.5	75.5	75.5	75.5	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	76.3	76.3	76.5	76.5	76.5	76.5	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	76.3	77.3	77.5	77.5	77.5	77.5	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	79.7	80.0	80.1	80.1	80.1	80.1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	81.5	81.9	82.0	82.0	82.0	82.0	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	82.3	82.4	82.5	82.5	82.5	82.5	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	84.2	84.5	84.6	84.6	84.6	84.6	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	85.9	86.0	86.0	86.0	86.0	86.0	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	86.9	87.1	87.1	87.2	87.2	87.2	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	87.2	87.9	88.1	88.3	88.4	88.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	89.3	89.4	89.5	89.7	89.8	89.7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	89.3	89.5	91.0	91.4	92.1	92.3	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	89.7	90.2	91.0	91.5	92.1	92.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	89.7	90.2	91.4	92.1	92.4	93.1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	89.7	90.4	91.7	92.7	94.1	95.3	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	89.7	90.4	91.7	92.9	94.7	95.5	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	89.7	90.4	91.7	92.9	94.8	95.6	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	89.7	90.4	91.7	92.9	94.8	95.6	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	89.7	90.4	91.7	92.9	94.8	95.6	[illegible]

TOTAL NUMBER OF OBSERVATIONS 3465

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: FEB HOURS: 18-20

CEILING IN 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
	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
	92.1	92.3	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6
	92.8	93.0	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5
	93.8	94.1	94.4	94.4	94.4	94.4	94.5	94.6	94.6	94.6
	95.6	95.9	96.3	96.6	96.6	96.6	96.7	96.7	96.7	96.7
	96.2	96.5	97.4	97.8	97.8	97.8	98.0	98.0	98.0	98.0
	96.3	96.6	97.5	98.0	98.0	98.0	98.5	98.5	98.6	98.6
	96.3	96.6	97.6	98.2	98.2	98.2	99.3	99.3	99.3	99.3
	96.3	96.6	97.6	98.2	98.2	98.2	99.3	99.3	99.3	100.0

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FOR MONTHLY RESERVA

STATION NUMBER: 723043 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

CEILING IN FEET	7	5	3	2	1 1/2	1	3/4	1/2	1/4
					VISIBILITY IN STATUTE MILES				
ALL CEIL	56.0	57.2	57.4	58.2	58.4	58.4	58.4	58.4	58.4
22000	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
18000	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
15000	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
12000	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
10000	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
9000	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
8000	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
7000	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
6000	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
5000	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
4500	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
4000	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
3500	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
3000	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
2500	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
2000	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
1800	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
1600	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
1400	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
1200	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
1000	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
900	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
800	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
700	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
600	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
500	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
400	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
300	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
200	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
100	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6
0	61.0	62.2	62.4	63.4	63.6	63.6	63.6	63.6	63.6

TOTAL NUMBER OF OBSERVATIONS 4464

QUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
[illegible] HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: FEB HOURS: 21-23

ITY 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
	[illegible].4	58.4	58.4	[illegible].4	58.4	58.4	58.4	58.4	58.4	58.5
	[illegible].5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.7
	[illegible].5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7
	[illegible].5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7
	[illegible].1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2
	[illegible].9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0
	[illegible].4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5
	[illegible].4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5
	[illegible].9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0
	[illegible].9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0
	[illegible].6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7
	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8
	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8
	[illegible].3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4
	[illegible].1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.4
	77.5	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0
	[illegible].6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8
	1.2	1.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4
	[illegible].3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
	[illegible].9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0
	[illegible].1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3
	[illegible].6	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.1
	[illegible].2	88.4	88.4	88.5	88.7	88.8	88.8	88.8	88.8	88.9
	[illegible].7	90.0	90.0	90.1	90.3	90.3	90.5	90.5	90.5	90.7
	91.3	91.5	91.5	91.8	92.1	92.1	92.3	92.3	92.3	92.4
	92.7	92.8	92.8	92.7	92.9	92.9	93.1	93.1	93.1	93.3
	[illegible].2	93.6	93.6	94.1	94.3	94.3	94.6	94.6	94.6	94.7
	94.8	95.0	95.0	95.6	95.9	95.9	96.1	96.1	96.1	96.2
	96.7	95.5	95.5	96.5	96.9	97.0	97.5	97.5	97.5	97.6
	94.9	95.9	95.9	95.9	97.8	98.0	98.6	98.6	98.6	98.7
	[illegible].3	96.2	96.2	97.3	98.1	98.3	99.2	99.5	99.8	99.9
	[illegible].3	96.2	96.2	97.3	98.1	98.3	99.2	99.5	99.9	100.0

OPERATIONS LOCATION MAP
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVAT

STATION NUMBER: 723140 STATION NAME: TIMMER AFB GA
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
10 CEIL	71.0	71.0	62.3	62.4	63.1	63.2	63.3	63.3	63.3	
7	77.1	77.2	71.1	71.2	68.4	68.5	68.6	68.6	68.6	
5	77.4	77.9	72.0	72.1	69.7	69.8	69.9	69.9	69.9	
4	77.7	78.2	72.3	72.4	70.0	70.1	70.2	70.2	70.2	
3	78.0	78.5	72.6	72.7	70.3	70.4	70.5	70.5	70.5	
2 1/2	78.0	78.5	72.6	72.7	70.3	70.4	70.5	70.5	70.5	
2	78.0	78.5	72.6	72.7	70.3	70.4	70.5	70.5	70.5	
1 1/2	78.0	78.5	72.6	72.7	70.3	70.4	70.5	70.5	70.5	
1	78.0	78.5	72.6	72.7	70.3	70.4	70.5	70.5	70.5	
1/4	78.0	78.5	72.6	72.7	70.3	70.4	70.5	70.5	70.5	
0	78.0	78.5	72.6	72.7	70.3	70.4	70.5	70.5	70.5	

TOTAL OBSERVATIONS 67..

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

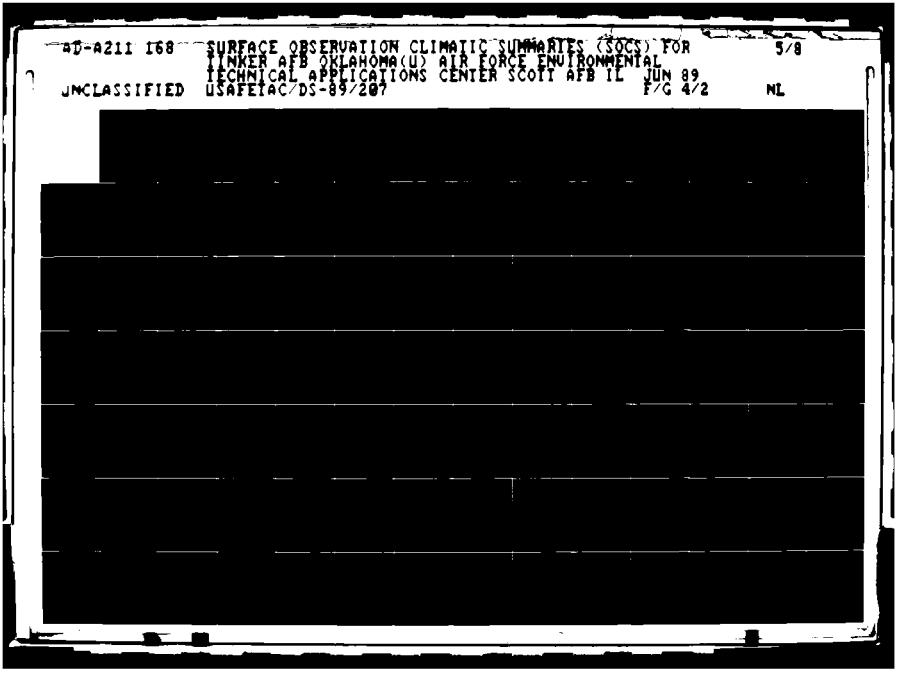
PERIOD OF RECORD: MAR 73 - FEB 83
MONTH: FEB HOURS: ALL

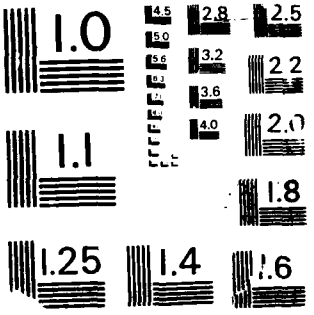
VISIBILITY IN STATUTE MILES

[illegible]	[illegible]	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
[illegible]	[illegible]	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.5
[illegible]	[illegible]	[illegible]	58.6	[illegible]	58.7	58.7	58.7	58.7	58.7	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.0	59.0	59.0	59.0	59.0	59.1
[illegible]	[illegible]	[illegible]	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.2
[illegible]	[illegible]	59.4	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.7
[illegible]	[illegible]	60.3	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.6
[illegible]	[illegible]	62.7	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.1	63.2
[illegible]	[illegible]	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.4
[illegible]	[illegible]	65.6	65.7	65.7	65.7	65.7	65.7	[illegible]	[illegible]	[illegible]	65.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.6	66.6	66.6	66.6	66.7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.9	66.9	66.9	66.9	66.9	66.9	67.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.9	67.9	67.9	67.9	68.0	68.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	68.6	68.6	68.6	68.6	68.6	68.7
[illegible]	[illegible]	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.7
[illegible]	[illegible]	71.0	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.3
[illegible]	[illegible]	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.4
[illegible]	[illegible]	[illegible]	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.3
[illegible]	[illegible]	[illegible]	75.7	75.7	75.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.9
[illegible]	[illegible]	77.4	77.5	77.5	[illegible]	77.6	77.6	77.7	77.7	77.7	77.9
[illegible]	[illegible]	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.6
[illegible]	[illegible]	[illegible]	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.7	82.9
[illegible]	[illegible]	[illegible]	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.4	84.5
[illegible]	[illegible]	[illegible]	85.1	85.2	85.3	85.4	85.4	85.5	85.5	85.5	85.5
[illegible]	[illegible]	[illegible]	86.9	87.0	87.1	87.3	87.3	87.3	87.3	87.4	87.5
[illegible]	[illegible]	[illegible]	88.6	88.6	88.7	88.8	88.8	88.9	88.9	89.0	89.1
[illegible]	[illegible]	[illegible]	89.4	89.5	89.8	89.9	89.9	90.0	90.0	90.1	90.2
[illegible]	[illegible]	[illegible]	91.4	91.5	91.9	92.1	92.1	92.2	92.2	92.2	92.3
[illegible]	[illegible]	92.4	93.1	93.3	[illegible]	94.1	94.1	94.2	94.3	94.3	94.4
[illegible]	[illegible]	93.3	94.2	94.4	95.5	95.8	95.9	96.1	96.2	96.2	96.3
[illegible]	[illegible]	93.7	94.7	95.0	95.2	96.8	96.9	97.4	97.5	97.7	97.9
[illegible]	[illegible]	93.8	94.8	95.1	96.4	97.0	97.1	97.3	98.3	98.8	99.4
[illegible]	[illegible]	93.8	94.8	95.1	95.4	97.0	97.1	97.3	98.3	98.9	100.0

AD-A211 168 SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR TINKER AFB OKLAHOMA(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT AFB IL JUN 89 5/8

UNCLASSIFIED USAFETAC/DS-89/207 F/G 4/2 NL




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
5.6

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL[illegible] FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK LST TO UTC: + 6

PERIOD: MONTH:

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	[illegible]	[illegible]	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 20000	54.[illegible]	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 18000	[illegible]	54.4	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6
GE 16000	53.8	54.4	54.5	54.5	54.5	54.5	54.5	54.5	[illegible]	[illegible]
GE 14000	53.7	54.7	54.[illegible]	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 12000	55.2	[illegible]	56.5	55.5	55.5	56.5	56.5	[illegible]	55.5	[illegible]
GE 10000	62.8	[illegible]	[illegible]	63.5	63.5	63.6	63.6	63.6	[illegible]	[illegible]
GE 9000	67.[illegible]	[illegible]	[illegible]	68.6	68.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	[illegible]	70.[illegible]	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 7000	69.4	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 6000	70.[illegible]	71.[illegible]	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 5000	71.[illegible]	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 4500	73.7	75.[illegible]	75.[illegible]	75.5	75.6	75.6	75.[illegible]	75.6	75.[illegible]	75.[illegible]
GE 4000	75.3	76.2	7[illegible].7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 3500	77.2	79.[illegible]	79.[illegible]	79.9	80.0	80.0	80.0	80.0	80.0	80.0
GE 3000	7[illegible]	[illegible].6	81.[illegible]	81.5	81.5	81.5	81.5	81.5	81.5	81.[illegible]
GE 2500	[illegible]	[illegible]	82.7	83.0	83.4	83.4	83.4	83.4	83.4	83.[illegible]
GE 2000	[illegible]	83.3	[illegible]	85.2	85.7	85.[illegible]	85.[illegible]	85.[illegible]	85.[illegible]	85.[illegible]
GE 1800	[illegible]	[illegible]	84.0	85.3	85.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1500	[illegible]	[illegible].3	87.2	87.4	88.4	89.5	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	[illegible]	[illegible]	89.2	89.9	90.5	90.6	90.[illegible]	90.8	90.[illegible]	90.[illegible]
GE 1000	87.1	[illegible]	89.8	91.0	91.7	91.[illegible]	92.0	92.[illegible]	92.[illegible]	92.[illegible]
GE 900	87.[illegible]	89.5	89.9	91.3	92.5	93.0	93.1	93.1	93.1	93.1
GE 800	87.[illegible]	89.7	91.3	92.3	93.3	93.7	94.2	94.2	94.2	94.2
GE 700	87.5	89.7	91.4	92.5	93.8	94.1	94.7	94.7	94.7	94.7
GE 600	87.[illegible]	89.[illegible]	91.7	93.1	94.7	95.1	95.7	95.7	95.7	95.7
GE 500	88.1	90.2	92.2	93.5	95.4	95.9	96.[illegible]	96.[illegible]	96.[illegible]	96.[illegible]
GE 400	88.3	90.5	92.5	94.1	95.2	96.8	97.8	98.2	98.2	98.2
GE 300	88.4	90.6	92.8	94.4	95.7	97.3	98.5	98.[illegible]	98.9	99.1
GE 200	88.4	90.6	92.[illegible]	94.4	95.8	97.4	98.5	98.9	98.9	99.2
GE 100	88.4	90.6	92.[illegible]	94.4	95.8	97.4	98.6	98.9	98.9	99.2
GE 000	88.4	90.6	92.8	94.4	95.9	97.4	98.6	98.9	98.9	99.2

TOTAL NUMBER OF OBSERVATIONS 930

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: MAR 79 - FEB [illegible]
MONTH: MAR HOURS: 00-02

CEILING IN STATUTE MILES

[illegible] 1/2	[illegible] 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
[illegible].4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
[illegible].3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
[illegible].5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
[illegible].5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
[illegible].9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
[illegible].5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
[illegible].6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
[illegible].6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]
[illegible].4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
[illegible].5	75.5	75.5	75.5	75.6	75.5	75.5	75.5	75.6	75.6	75.5
[illegible]	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
[illegible].0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
[illegible].5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
[illegible].4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
[illegible].9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
[illegible].5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
[illegible].[illegible]	[illegible].8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
[illegible].[illegible]	[illegible].0	[illegible].0	[illegible].0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
[illegible].[illegible]	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
[illegible].7	[illegible].2	[illegible].2	[illegible].2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
[illegible].1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
[illegible].1	[illegible].7	[illegible].7	[illegible].7	95.7	95.7	95.7	95.7	[illegible].7	95.7	95.7
[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]	[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].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]

OPERATING LOCATION WAW
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723140 STATION NAME: TINKER AFB OK PERIOD OF
LST TO UTC: + 6 MONTH: AP

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	56.3	57.3	58.2	58.6	59.0	59.0	59.1	59.2	59.2	59.3	
22000	61.2	61.4	62.7	63.1	63.5	63.5	63.7	63.8	63.8	64.0	
20000	62.1	62.3	62.9	63.3	63.7	63.8	63.9	64.0	64.0	64.2	
18000	62.1	62.3	62.9	63.3	63.7	63.8	63.9	64.0	64.0	64.2	
16000	62.3	62.5	63.1	63.5	64.0	64.0	64.1	64.2	64.2	64.4	
12000	61.4	61.6	62.0	64.3	64.7	64.7	64.8	64.9	64.9	65.0	
10000	63.7	63.9	64.2	66.7	67.1	67.1	67.2	67.3	67.3	67.5	
9000	63.7	63.9	64.5	66.5	67.3	67.3	67.4	67.5	67.5	67.7	
8000	65.7	65.8	66.5	68.2	69.4	69.4	69.5	69.5	69.5	69.7	
7000	66.0	66.1	66.8	68.5	69.7	69.7	69.8	69.9	69.9	70.1	
6000	69.2	69.4	69.4	69.4	70.2	70.2	70.3	70.4	70.4	70.6	
5500	70.7	70.9	71.5	71.0	71.4	71.4	71.5	71.6	71.6	71.8	
5000	71.7	71.9	72.5	72.0	72.5	72.5	72.6	72.7	72.7	72.9	
4500	73.2	73.5	73.7	74.2	74.7	74.7	74.8	74.9	74.9	75.1	
4000	74.1	74.4	74.7	75.3	75.8	75.9	75.9	76.0	76.0	76.2	
3500	76.1	76.4	76.7	76.8	77.3	77.3	77.4	77.5	77.5	77.7	
3000	78.6	78.9	79.1	77.5	78.3	78.4	78.4	78.5	78.5	78.7	
2500	79.3	79.6	80.1	81.0	81.7	82.0	82.2	82.4	82.4	82.6	
2000	79.6	79.9	81.2	82.2	82.9	83.2	83.3	83.5	83.5	83.7	
1800	79.8	80.2	81.3	83.0	83.8	84.1	84.2	84.4	84.4	84.6	
1600	81.1	81.4	84.1	85.4	86.1	86.5	86.7	87.0	87.0	87.2	
1400	84.7	85.0	85.8	87.6	88.7	89.1	89.4	89.5	89.6	89.8	
1200	89.0	89.3	89.6	88.1	89.1	89.5	89.9	90.1	90.1	90.4	
1000	89.5	89.8	90.5	87.3	89.0	90.3	90.9	91.2	91.4	91.7	
900	90.4	90.7	91.3	88.3	89.7	91.0	91.4	91.9	92.0	92.4	
800	92.9	93.2	94.0	94.4	93.3	91.7	92.2	92.7	92.9	93.2	
700	91.9	92.2	94.7	93.5	91.5	93.1	93.6	94.2	94.5	94.8	
600	91.9	92.2	94.6	93.3	91.9	93.8	94.5	95.7	96.0	96.3	
500	91.8	92.1	95.1	93.0	92.4	94.3	95.1	96.5	96.9	97.3	
400	91.8	92.1	95.1	93.0	92.4	94.3	95.1	96.7	97.4	97.8	
300	91.8	92.1	95.1	93.0	92.4	94.3	95.1	96.7	97.4	97.9	
200	91.8	92.1	95.1	93.0	92.4	94.3	95.1	96.7	97.4	97.9	
100	91.8	92.1	95.1	93.0	92.4	94.3	95.1	96.7	97.4	97.9	
000	91.8	92.1	95.1	93.0	92.4	94.3	95.1	96.7	97.4	97.9	

TOTAL NUMBER OF OBSERVATIONS 930

...NCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...M HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAR HOURS: 03-05

CEILING IN STATUTE MILES									
	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
...1	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5
...7	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0
...3	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2
...3	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2
...1	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4
...4	64.9	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2
...2	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5
...4	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7
...5	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8
...6	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1
...3	70.4	70.4	70.6	70.5	70.6	70.6	70.6	70.6	70.6
71.5	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8
...9	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9
...7	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2
...9	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2
77.4	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7
...3	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5
...3	82.4	82.4	82.6	82.6	82.6	82.	82.6	82.6	82.6
...3	83.5	83.5	83.8	83.8	83.3	83.-	83.8	83.8	83.8
...2	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
...6	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2
...4	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9
...9	90.1	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4
...2	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
...9	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4
92.7	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2
...2	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
...7	96.0	96.0	96.5	96.5	96.6	96.6	96.6	96.6	96.6
...5	96.9	96.9	97.8	97.9	98.1	98.2	98.2	98.2	98.2
...7	97.4	97.4	98.5	98.6	98.8	99.0	99.0	99.1	99.1
...7	97.4	97.5	98.6	98.7	98.9	99.1	99.1	99.2	99.2
...7	97.4	97.5	98.6	98.7	98.9	99.1	99.1	99.4	100.0

OPERATIONS LOCATION: "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE FOR ALL
3231 HOURLY OBSERVATIONS

STATION NUMBER: 723140 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

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	49.3	49.5	49.8	50.0	50.3	50.4	51.1	51.1	51.1	51.3
20000	53.8	54.0	54.5	55.0	55.2	55.2	55.7	55.7	55.7	55.9
15000	55.8	56.0	56.3	56.8	56.8	56.8	57.2	57.2	57.2	57.4
12000	56.7	56.9	57.2	57.6	57.8	57.8	58.2	58.2	58.2	58.4
10000	57.4	57.6	57.9	58.3	58.5	58.5	58.9	58.9	58.9	59.1
9000	58.3	58.5	58.8	59.2	59.4	59.4	59.8	59.8	59.8	60.0
8000	59.2	59.4	59.7	60.0	60.3	60.3	60.8	60.8	60.8	61.0
7000	60.2	60.4	60.7	61.0	61.3	61.3	61.8	61.8	61.8	62.0
6000	61.4	61.6	61.9	62.2	62.5	62.5	63.0	63.0	63.0	63.2
5000	62.5	62.7	63.0	63.3	63.6	63.6	64.1	64.1	64.1	64.3
4500	63.1	63.3	63.6	63.9	64.2	64.2	64.7	64.7	64.7	64.9
4000	63.7	63.9	64.2	64.5	64.8	64.8	65.3	65.3	65.3	65.5
3500	64.4	64.6	64.9	65.2	65.5	65.5	66.0	66.0	66.0	66.2
3000	65.2	65.4	65.7	66.0	66.3	66.3	66.8	66.8	66.8	67.0
2500	66.2	66.4	66.7	67.0	67.3	67.3	67.8	67.8	67.8	68.0
2000	67.1	67.3	67.6	67.9	68.2	68.2	68.7	68.7	68.7	68.9
1800	67.8	68.0	68.3	68.6	68.9	68.9	69.4	69.4	69.4	69.6
1600	68.4	68.6	68.9	69.2	69.5	69.5	70.0	70.0	70.0	70.2
1400	69.1	69.3	69.6	69.9	70.2	70.2	70.7	70.7	70.7	70.9
1200	70.0	70.2	70.5	70.8	71.1	71.1	71.6	71.6	71.6	71.8
1000	71.1	71.3	71.6	71.9	72.2	72.2	72.7	72.7	72.7	72.9
900	71.6	71.8	72.1	72.4	72.7	72.7	73.2	73.2	73.2	73.4
800	72.2	72.4	72.7	73.0	73.3	73.3	73.8	73.8	73.8	74.0
700	73.0	73.2	73.5	73.8	74.1	74.1	74.6	74.6	74.6	74.8
600	73.7	73.9	74.2	74.5	74.8	74.8	75.3	75.3	75.3	75.5
500	74.5	74.7	75.0	75.3	75.6	75.6	76.1	76.1	76.1	76.3
400	75.4	75.6	75.9	76.2	76.5	76.5	77.0	77.0	77.0	77.2
300	76.3	76.5	76.8	77.1	77.4	77.4	77.9	77.9	77.9	78.1
200	77.4	77.6	77.9	78.2	78.5	78.5	79.0	79.0	79.0	79.2
100	77.5	77.7	78.0	78.3	78.6	78.6	79.1	79.1	79.1	79.3
000	77.5	77.7	78.0	78.3	78.6	78.6	79.1	79.1	79.1	79.3

TOTAL NUMBER OF OBSERVATIONS 930

...UENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAR HOURS: 06-08

...ITY IN STATUTE MILES									
...E 2	1 1/2	1 1/4	GE 1	3/4	5/8	1/2	3/8	1/4	0
51.1	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.4	51.6
56.7	56.7	56.7	56.9	56.9	56.9	56.9	56.9	57.0	57.2
57.2	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.5	57.7
57.2	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.5	57.7
57.5	57.5	57.5	57.8	57.8	57.8	57.8	57.8	58.0	58.2
58.1	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.4	58.6
61.2	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.5	61.7
61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.7	61.9
63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.1	64.3
64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	65.2
65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.9	66.0
67.2	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.5	67.7
68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.4	68.5
71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.3	71.5
71.3	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.6	71.8
72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.4	72.6
73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.9	74.1
76.5	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.9	77.1
78.5	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.9	79.1
80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.8	81.0
83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.7	83.9
85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.7	85.9
86.2	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.6	86.8
88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.3	88.5
89.2	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.7	89.9
91.5	91.5	91.6	91.1	91.1	91.1	91.1	91.1	91.2	91.4
91.9	91.9	92.0	92.5	92.5	92.5	92.5	92.5	92.6	92.8
93.5	93.9	94.0	94.4	94.4	94.4	94.4	94.4	94.5	94.7
94.1	94.6	94.7	95.6	95.7	95.7	95.7	95.7	95.8	96.0
94.4	95.3	95.4	96.6	96.7	96.7	96.8	96.8	97.1	97.3
94.5	95.4	95.5	96.8	96.9	96.9	97.2	97.2	97.7	98.4
94.5	95.4	95.5	96.8	96.9	96.9	97.2	97.2	97.8	100.0

OPERATIONS LOCATION "WAW"
JSAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
HOURLY OBSERVATIONS

STATION NUMBER: 723140 STATION NAME: TIPPER AFB, GA
LST TO UTC: + 5

MONTH
ALL

CEILING IN FEET	CEILING IN OCTAS	VISIBILITY IN STATUTE MILES: 10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
ALL CEIL		47.5	48.1	49.5	49.4	49.3	49.5	49.5	49.6	49.7	49.
22000	0	56.2	56.2	56.2	57.3	57.3	57.3	57.3	57.3	57.3	57.
18000	0	52.7	52.7	52.7	53.2	53.2	53.2	53.2	53.2	53.2	53.
14000	0	52.7	52.7	52.7	53.2	53.2	53.2	53.2	53.2	53.2	53.
12000	0	52.	52.	52.7	53.4	53.3	53.3	53.3	53.3	53.3	53.
10000	0	52.7	52.8	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.
9000	0	51.	51.9	51.7	52.2	52.2	52.2	52.2	52.2	52.2	52.
8000	0	52.1	52.1	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.
7000	0	51.4	52.4	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.
6000	0	49.3	50.3	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.
5000	0	52.5	53.5	54.7	55.4	55.5	55.5	55.5	55.5	55.7	55.
4500	0	53.3	54.3	57.5	59.3	59.1	59.1	59.1	59.1	59.1	59.
4000	0	53.4	54.4	57.7	59.2	59.3	59.3	59.3	59.3	59.3	59.
3500	0	55.1	57.1	60.1	59.2	59.1	59.1	59.1	59.1	59.1	59.
3000	0	55.4	57.1	62.3	62.4	62.3	62.3	62.3	62.3	62.3	62.
2500	0	58.3	58.7	71.1	71.9	72.0	72.0	72.2	72.2	72.2	72.
2200	0	68.3	71.7	72.9	73.5	73.9	73.8	74.0	74.1	74.1	74.
2000	0	71.3	74.7	76.6	77.4	77.7	77.6	77.8	77.4	77.4	77.
1800	0	74.4	76.9	77.4	78.1	79.1	79.2	79.7	79.8	79.6	79.
1500	0	75.1	77.4	80.7	81.0	81.0	81.7	82.0	82.3	82.3	82.
1200	0	77.3	80.7	82.3	84.1	84.4	84.8	85.3	85.4	85.4	85.
1000	0	78.7	81.	83.3	84.8	87.2	87.4	88.0	88.1	88.1	88.
900	0	79.3	81.4	83.2	84.9	88.7	89.0	89.5	89.6	89.6	89.
800	0	80.4	82.6	84.7	86.9	89.9	90.1	90.6	90.8	90.8	90.
700	0	81.3	83.1	87.5	89.7	90.8	91.0	91.5	91.7	91.7	91.
600	0	81.4	83.5	88.2	90.4	91.7	92.3	93.3	93.4	93.4	93.
500	0	81.9	84.3	89.1	91.4	93.1	93.7	94.9	95.1	95.1	95.
400	0	81.9	84.4	89.2	91.7	93.9	94.4	95.9	96.0	96.0	96.
300	0	81.9	84.4	89.2	91.7	93.9	94.4	95.9	96.3	96.5	97.
200	0	81.9	84.4	89.2	91.7	93.9	94.4	95.9	96.3	96.5	97.
100	0	81.9	84.4	89.2	91.7	93.9	94.4	95.9	96.3	96.7	97.
000	0	81.9	84.4	89.2	91.7	93.9	94.4	95.9	96.3	96.7	97.

TOTAL NUMBER OF OBSERVATIONS 930

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAR HOURS: 00-11

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
[illegible]	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0
[illegible]	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.5	57.5
[illegible]	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.4	58.4
[illegible]	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.4	58.4
[illegible]	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.5	58.5
[illegible]	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.4	59.4
[illegible]	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.4	62.4
[illegible]	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.7	62.7
[illegible]	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.3	64.3
[illegible]	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.9	64.9
[illegible]	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.7	65.7
[illegible]	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.3	66.3
[illegible]	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5
[illegible]	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.4	69.4
[illegible]	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.1	70.1
[illegible]	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.4	72.4
[illegible]	74.0	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.3	74.3
[illegible]	78.3	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5
[illegible]	79.7	79.8	79.8	79.8	79.8	79.8	79.9	79.9	80.0	80.0
[illegible]	82.2	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.5	82.5
[illegible]	85.3	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.6	85.6
[illegible]	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.3	88.3
[illegible]	89.6	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.9	89.9
[illegible]	90.8	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.1	91.1
[illegible]	91.6	91.7	91.7	91.8	91.8	91.8	91.9	91.9	92.2	92.2
[illegible]	93.3	93.4	93.4	93.7	93.8	93.8	93.9	93.9	94.1	94.1
[illegible]	94.9	95.1	95.1	95.4	95.5	95.5	95.6	95.6	95.8	95.8
[illegible]	95.9	96.0	96.0	96.6	96.7	96.7	96.8	96.8	97.0	97.0
[illegible]	95.9	96.3	96.5	97.2	97.4	97.4	97.6	97.6	98.0	98.0
[illegible]	96.0	96.3	96.6	97.4	97.6	97.7	98.2	98.2	98.6	98.8
[illegible]	96.0	96.3	96.7	97.5	97.7	98.0	98.4	98.5	98.9	99.6
[illegible]	96.0	96.3	96.7	97.5	97.7	98.0	98.4	98.5	98.9	100.0

OPERATING LOCATION [illegible]
[illegible]

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

STATION NUMBER: [illegible] STATION NAME: [illegible]
LST TO UTC: + 6

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	[illegible]	[illegible]	[illegible]	[illegible]	52.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	[illegible]	50.1	50.1	50.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	[illegible]	[illegible]	[illegible]	50.1	50.1	50.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	[illegible]	[illegible]	[illegible]	[illegible]	50.6	50.6	[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]	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	7.
GE 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	57.7	57.7	57.7	57.7	57.7	57.7	57.7	[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]	73.2	73.2	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	74.4	74.4	74.4	74.4	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	75.	75.	75.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	77.4	[illegible]	[illegible]	[illegible]	73.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	81.6	[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]	87.2	87.3	87.4	[illegible]	[illegible]	[illegible]	[illegible]
GE 1400	[illegible]	[illegible]	89.7	90.2	90.3	90.4	[illegible]	[illegible]	90.5	[illegible]
GE 1200	[illegible]	[illegible]	[illegible]	92.3	92.5	92.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	91.2	[illegible]	93.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 900	[illegible]	[illegible]	91.7	[illegible]	94.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	90.1	[illegible]	94.4	94.9	95.3	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	92.0	[illegible]	95.9	96.3	97.2	97.2	[illegible]	97.
GE 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96.3	97.5	[illegible]	[illegible]	[illegible]
GE 500	[illegible]	[illegible]	92.3	94.7	96.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	[illegible]	92.3	94.7	95.3	97.0	[illegible]	[illegible]	99.1	100.
GE 300	[illegible]	[illegible]	92.3	94.7	95.3	97.0	[illegible]	[illegible]	99.1	100.
GE 200	[illegible]	[illegible]	92.3	94.7	95.3	97.0	[illegible]	[illegible]	99.1	100.
GE 100	[illegible]	[illegible]	92.3	94.7	95.3	97.0	[illegible]	[illegible]	99.1	100.
GE 000	[illegible]	[illegible]	92.3	94.7	95.3	97.0	[illegible]	[illegible]	99.1	100.

TOTAL NUMBER OF OBSERVATIONS 930

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

[illegible]

PERIOD OF RECORD: MAR 7[illegible] - FEB [illegible]

MONTH: MAR HOURS: 12-14

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 5/16	GE 1/4	GE 0
52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
97.5	97.8	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
98.2	98.4	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
98.5	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.5	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.5	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.5	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAR HOURS: 15-17

VISIBILITY IN STATUTE MILES

[illegible]	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
[illegible]	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
[illegible]	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
[illegible]	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
[illegible]	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
[illegible]	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
[illegible]	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
[illegible]	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
[illegible]	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
[illegible]	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
[illegible]	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
[illegible]	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
[illegible]	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
[illegible]	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
[illegible]	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
[illegible]	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
[illegible]	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
[illegible]	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
[illegible]	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
[illegible]	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
[illegible]	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
[illegible]	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
[illegible]	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
[illegible]	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
[illegible]	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
[illegible]	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
[illegible]	97.0	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
[illegible]	97.8	98.1	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5
[illegible]	98.3	98.5	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2
[illegible]	98.5	98.9	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6
[illegible]	98.5	98.9	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	98.5	98.9	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	98.5	98.9	99.0	99.6	99.9	99.9	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
(FROM HOURLY OBSERVATIONS)

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

HOURS (LST): [illegible]
MONTH: [illegible]

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	53.	53.	53.	53.	53.	53.	53.	53.	53.	53.
GE 20000	[illegible]	[illegible]	52.5	52.5	52.5	52.5	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	52.	[illegible]	52.9	52.	52.9	52.	52.	52.9	[illegible]	[illegible]
GE 16000	[illegible]	52.9	52.9	52.9	52.9	52.9	52.9	52.9	[illegible]	52.
GE 14000	54.	54.	54.	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 12000	[illegible]	[illegible]	55.2	55.2	55.2	55.2	55.2	55.2	55.	55.
GE 10000	57.	57.	57.	57.	57.	57.	57.	57.	57.	57.
GE 9000	.1	.1	58.1	.1	58.1	58.1	.1	.1	.1	.1
GE 8000	7 .	7 .	7 .	7 .	70.	70.	7 .	7 .	7 .	7 .
GE 7000	7 .3	7 .3	7 .	7 .	70.3	70.3	7 .3	70.3	7 .3	7 .
GE 6000	7 .	7 .	7 .	7 .	70.5	70.5	7 .	7 .	7 .	7 .
GE 5000	73.2	73.4	[illegible]	73.5	73.5	73.5	7 .	73.	73.	73.
GE 4500	75.	[illegible]	7 .	7 .	7 .	75.	7 .	7 .	7 .	7 .
GE 4000	77.	77.	.1	7 .1	73.	7 .3	7 .	7 .	7 .	7 .
GE 3500	7 .	7 .	7 .	7 .	7 .4	7 .	7 .	7 .	7 .	7 .
GE 3000	1.	1.	[illegible]	[illegible]	[illegible]	82.7	.7	82.7	82.7	.
GE 2500	.	8 .3	.1	.1	85.2	85.	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	.	.	87.4	87.3	87.7	8 .	[illegible]	.1	.1	.
GE 1800	[illegible]	.	8 .	.1	88.4	8 .	.	.7	.7	.
GE 1500	[illegible]	87.7	8 .	8 .	89.4	8 .	.	8 .7	89.7	[illegible]
GE 1200	.	[illegible]	8 .	89.	9 .	91.0	91.0	91.1	91.1	91.
GE 1000	.	.	89.5	91.	91.9	92.	92.	92.3	92.	92.
GE 900	.	.1	90.	1.	92.	92.3	92.3	92.4	92.4	92.
GE 800	.	.1	90.	91.7	92.4	92.7	92.	93.	93.	93.1
GE 700	.	.1	90.4	92.	93.1	93.4	94.	94.2	94.	94.
GE 600	.	.1	1.	92.	93.	94.1	9 .	9 .4	9 .4	9 .
GE 500	87.	.2	91.3	93.	94.7	95.1	96.	9 .	9 .	97.
GE 400	87.	89.2	91.5	93.2	95.1	95.5	97.4	9 .	9 .	[illegible]
GE 300	7.1	.4	91.5	93.3	95.2	95.6	9 .	98.	9 .	9 .
GE 200	87.1	.4	91.5	93.3	95.2	95.6	9 .2	98.	99.	99.
GE 100	87.1	.4	91.5	93.3	95.2	95.6	9 .2	9 .	99.	99.
GE 0	87.	.4	91.5	93.3	95.2	95.6	9 .2	9 .	9 .	99.

TOTAL NUMBER OF OBSERVATIONS 930

...AGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

...AFB, NM PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAR HOURS: 18-20

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
...3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	52.5
62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
88.0	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
88.5	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
89.6	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
91.0	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
92.3	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
93.4	94.0	94.2	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5
94.1	95.2	95.4	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7
96.1	96.5	96.6	96.8	97.0	97.0	97.0	97.1	97.2	97.2	97.2
96.9	97.4	98.5	98.6	98.8	98.8	98.8	99.0	99.1	99.1	99.2
97.6	98.2	98.8	98.9	99.2	99.2	99.2	99.5	99.5	99.6	99.7
98.4	99.2	98.9	99.0	99.4	99.6	99.6	99.8	99.9	99.9	100.0
98.5	99.2	99.8	99.0	99.4	99.6	99.6	99.8	99.9	99.9	100.0
98.5	99.2	99.8	99.0	99.4	99.6	99.6	99.8	99.9	99.9	100.0

OPERATING LOCATION: NAW
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723240 STATION NAME: TINKER AFB OK PERIOD: 5
LST TO UTC: + 6 MONTH: 4

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	10	9	8	7	6	5	4	3	2	1
	10	9	8	7	6	5	4	3	2	1
NO CEIL	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
20000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
15000	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
10000	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
9000	62.4	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
8000	64.6	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
7000	65.3	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
6000	66.0	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
5000	70.	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
4500	73.1	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
4000	73.4	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
3500	77.3	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
3000	78.6	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
2500	81.2	81.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
2000	84.1	84.4	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
1800	85.1	85.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
1500	87.0	87.3	88.2	88.3	88.3	88.3	88.5	88.5	88.5	88.5
1200	89.0	89.2	90.3	91.0	91.4	91.4	91.7	91.7	91.7	91.7
1000	90.5	90.7	91.8	92.3	92.5	92.5	92.8	92.8	92.8	92.8
900	90.9	91.1	92.2	92.8	93.2	93.2	93.5	93.5	93.5	93.5
800	91.3	91.5	92.6	93.1	93.9	93.9	94.3	94.4	94.4	94.4
700	91.2	91.4	92.5	93.5	94.5	94.6	95.1	95.2	95.2	95.2
600	91.5	91.8	92.9	94.3	95.4	95.6	96.1	96.2	96.2	96.2
500	91.7	91.9	93.3	94.8	96.3	96.3	97.0	97.1	97.1	97.2
400	91.7	91.9	93.3	94.8	96.5	96.5	97.5	98.1	98.1	98.3
300	91.8	92.0	93.7	95.2	97.0	97.2	98.0	99.1	99.1	99.5
200	91.8	92.0	93.7	95.2	97.0	97.2	98.5	99.1	99.1	99.5
100	91.8	92.0	93.7	95.2	97.0	97.2	98.5	99.1	99.1	99.5
0	91.8	92.0	93.7	95.2	97.0	97.2	98.5	99.1	99.1	99.5

TOTAL NUMBER OF OBSERVATIONS 930

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAR HOURS: 21-23

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES										
GE 10	GE 2 1/2	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
54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
94.5	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
95.5	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
96.8	97.0	97.1	97.1	97.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5
96.5	97.5	98.1	98.1	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7
97.2	98.6	99.1	99.1	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9
97.2	98.6	99.1	99.1	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9
97.2	98.6	99.1	99.1	99.5	99.7	99.7	99.9	99.9	99.9	100.0	100.0
97.2	98.6	99.1	99.1	99.5	99.7	99.7	99.9	99.9	99.9	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723940 STATION NAME: TINKER AFB OK PERIOD(S)
LST TO UTC: + 6 MONTH:

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	52.4	[illegible]	53.3	53.5	53.7	53.7	53.8	53.8	53.8	53.8
GE 20000	59.2	[illegible]	60.3	60.5	60.7	60.7	60.7	60.7	60.8	60.8
GE 15000	59.7	60.6	60.8	61.1	61.2	61.2	61.3	61.3	61.3	61.4
GE 14000	59.7	60.7	60.9	61.1	61.2	61.2	61.3	61.3	61.3	61.4
GE 13000	60.3	61.1	61.4	61.7	61.8	61.8	61.9	61.9	61.9	61.9
GE 12000	61.8	62.7	62.9	62.8	63.0	63.0	63.0	63.0	63.0	63.1
GE 11000	[illegible]	[illegible]	65.2	65.3	65.4	65.4	65.5	65.5	65.5	65.5
GE 10000	64.2	64.9	65.3	65.6	65.7	65.8	65.8	65.8	65.8	65.9
GE 9000	65.2	67.1	67.5	67.7	67.9	67.9	67.9	68.0	68.0	68.0
GE 8000	66.6	67.6	67.9	68.1	68.3	68.3	68.4	68.4	68.4	68.4
GE 7000	67.1	67.8	68.4	68.6	68.8	68.8	68.9	68.9	68.9	69.0
GE 6000	69.3	70.7	70.1	70.4	70.6	70.6	70.7	70.7	70.7	70.7
GE 5000	70.4	71.4	71.8	71.7	71.9	71.9	72.0	72.0	72.0	72.1
GE 4000	72.2	73.7	74.3	74.7	74.9	74.9	75.0	75.0	75.0	75.1
GE 3500	73.4	74.7	75.3	75.7	75.9	76.0	76.0	76.0	76.0	76.1
GE 3000	74.9	76.3	77.1	77.5	77.8	77.8	77.9	77.9	77.9	78.0
GE 2500	77.3	78.8	79.4	79.9	80.2	80.3	80.4	80.5	80.5	80.6
GE 2000	79.6	81.2	82.4	82.9	83.4	83.5	83.7	83.7	83.7	83.8
GE 1800	80.4	82.1	83.3	84.0	84.4	84.5	84.7	84.8	84.8	84.9
GE 1500	81.8	83.6	85.3	85.7	86.2	86.3	86.5	86.5	86.5	86.6
GE 1200	83.3	85.2	86.9	87.4	88.4	88.6	88.8	88.9	88.9	88.9
GE 1000	84.2	86.2	88.3	89.5	90.2	90.4	90.7	90.8	90.8	90.9
GE 900	84.5	86.6	88.7	90.1	90.9	91.1	91.5	91.5	91.6	91.7
GE 800	84.9	86.9	89.3	90.9	91.9	92.2	92.7	92.8	92.8	92.9
GE 700	85.0	87.2	89.7	91.5	92.6	92.9	93.6	93.7	93.7	93.8
GE 600	85.1	87.3	90.0	92.0	93.4	93.8	94.7	94.8	94.8	95.1
GE 500	85.4	87.7	90.5	92.6	94.3	94.7	95.4	95.8	96.0	96.3
GE 400	85.6	87.9	90.8	93.0	94.9	95.4	96.9	97.2	97.3	97.5
GE 300	85.8	87.9	90.9	93.1	95.1	95.7	97.4	97.8	97.9	98.5
GE 200	85.8	87.9	90.9	93.1	95.2	95.7	97.4	98.0	98.1	98.8
GE 100	85.8	87.9	90.9	93.1	95.2	95.7	97.5	98.0	98.1	98.8
GE 000	85.8	87.9	90.9	93.1	95.2	95.7	97.5	98.0	98.1	98.8

TOTAL NUMBER OF OBSERVATIONS 7440

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAR HOURS: ALL

CEILING IN HUNDREDS OF FEET AND 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
53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9
60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9
61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0
63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.2
65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6
65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	66.0
67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1
68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5
68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8
72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1
75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6
83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.9
84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7
88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0
90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.8
92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9
94.7	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.2
95.9	96.0	96.0	96.3	96.3	96.3	96.4	96.4	96.5	96.5
96.9	97.2	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.9
97.4	97.8	97.9	98.5	98.6	98.6	98.7	98.7	98.8	98.8
97.4	98.0	98.1	98.8	98.9	99.0	99.1	99.1	99.2	99.3
97.5	98.0	98.1	98.8	99.0	99.0	99.2	99.2	99.4	99.6
97.5	98.0	98.1	98.8	99.0	99.0	99.2	99.2	99.4	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	10	7	5	3	2 1/2	2	1 1/2	1 1/4	1	
NO CEIL	53.1	53.4	54.4	54.4	55.0	55.0	55.0	55.0	55.0	55.1
GE 20000	69.2	69.7	70.3	70.4	70.9	70.9	70.9	70.9	70.9	70.9
GE 18000	69.2	69.7	70.3	70.4	70.9	70.9	70.9	70.9	70.9	70.9
GE 16000	69.2	69.7	70.3	70.4	70.9	70.9	70.9	70.9	70.9	70.9
GE 14000	69.2	69.9	70.5	70.7	71.1	71.1	71.1	71.1	71.1	71.1
GE 12000	69.2	70.4	71.1	71.2	71.7	71.7	71.7	71.7	71.7	71.7
GE 10000	73.1	73.7	74.3	74.4	74.9	74.9	74.9	74.9	74.9	74.9
GE 9000	73.1	73.7	74.3	74.4	74.9	74.9	74.9	74.9	74.9	74.9
GE 8000	75.4	76.1	76.8	76.9	77.3	77.3	77.3	77.3	77.3	77.3
GE 7000	76.4	77.2	77.9	78.0	78.4	78.4	78.4	78.4	78.4	78.4
GE 6000	77.2	77.9	78.6	78.7	79.1	79.1	79.1	79.1	79.1	79.1
GE 5000	79.2	79.9	80.6	80.7	81.1	81.1	81.1	81.1	81.1	81.1
GE 4500	79.4	80.1	81.2	81.3	81.8	81.8	81.8	81.8	81.8	81.8
GE 4000	81.6	82.3	83.6	83.7	84.1	84.1	84.1	84.1	84.1	84.1
GE 3500	82.4	83.4	84.1	84.2	84.7	84.7	84.7	84.7	84.7	84.7
GE 3000	83.6	84.7	85.4	85.5	86.0	86.0	86.0	86.0	86.0	86.1
GE 2500	84.3	85.4	86.5	86.7	87.1	87.1	87.1	87.1	87.1	87.1
GE 2000	86.3	87.2	88.2	88.3	88.7	88.8	88.8	88.8	88.8	88.8
GE 1800	86.9	87.8	89.0	89.1	89.5	89.6	89.6	89.6	89.6	89.6
GE 1600	89.1	90.3	91.3	91.4	91.9	92.0	92.0	92.0	92.0	92.0
GE 1200	89.3	90.5	91.7	91.8	92.2	92.3	92.4	92.4	92.4	92.4
GE 1000	90.9	91.9	93.0	93.1	93.8	93.8	94.1	94.1	94.1	94.1
GE 900	91.2	92.2	93.4	93.7	94.3	94.3	94.7	94.7	94.7	94.7
GE 800	91.4	92.4	93.7	93.9	94.6	94.6	95.0	95.0	95.0	95.1
GE 700	91.7	92.8	94.3	94.7	95.3	95.3	95.8	95.8	95.8	95.8
GE 600	91.7	92.9	94.7	95.0	95.8	95.8	96.3	96.3	96.3	96.3
GE 500	92.9	93.2	95.0	95.3	96.2	96.2	97.1	97.1	97.1	97.1
GE 400	92.9	93.2	95.1	95.7	96.6	96.6	97.7	97.7	97.7	97.7
GE 300	92.9	93.3	95.4	96.0	97.2	97.3	98.4	98.4	98.4	98.5
GE 200	92.9	93.3	95.4	96.0	97.2	97.3	98.6	98.6	98.6	98.7
GE 100	92.9	93.3	95.4	96.0	97.2	97.3	98.6	98.6	98.6	98.7
GE 000	92.9	93.3	95.4	96.0	97.2	97.3	98.6	98.6	98.6	98.7

TOTAL NUMBER OF OBSERVATIONS 900

TAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: APR HOURS: 00-02

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES

GE 3	GE 2 1/2	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
65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
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	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5
89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
96.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
97.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
97.3	98.6	98.6	98.6	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0
97.3	98.6	98.6	98.6	98.8	99.0	99.0	99.3	99.7	99.9	100.0	100.0
97.3	98.6	98.6	98.6	98.8	99.0	99.0	99.3	99.7	99.9	100.0	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723740 STATION NAME: TIMES AFB MI PERIOD
LST TO UTC: + 6 MONTH:

CEILING IN HUNDREDS OF 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	89.7	90.-	91.3	91.7	92.0	92.0	92.1	92.1	92.1	92.1
GE 22000	94.3	95.0	95.3	95.2	95.4	95.4	95.5	95.5	95.5	95.5
GE 18000	94.3	95.0	95.3	95.2	95.4	95.4	95.5	95.5	95.5	95.5
GE 17000	94.1	95.1	95.9	95.8	95.9	95.9	95.7	95.7	95.7	95.7
GE 14000	94.1	95.1	95.9	95.8	95.9	95.9	95.7	95.7	95.7	95.7
GE 12000	95.1	95.1	95.9	97.3	97.5	97.5	97.7	97.7	97.7	97.7
GE 10000	97.-	97.9	98.7	79.1	79.3	79.3	79.4	79.4	79.4	79.4
GE 9000	97.1	97.2	78.0	78.4	78.7	78.7	78.8	78.8	78.8	78.8
GE 8000	71.9	72.3	73.1	73.5	73.8	73.8	73.9	73.9	73.9	73.9
GE 7000	72.3	73.4	74.2	74.7	74.9	74.9	75.0	75.0	75.0	75.0
GE 6000	72.3	73.4	74.7	75.1	75.3	75.3	75.4	75.4	75.4	75.4
GE 5000	76.6	76.1	76.9	77.3	77.5	77.6	77.7	77.7	77.7	77.7
GE 4500	77.1	77.3	78.1	78.5	78.8	78.8	78.9	78.9	78.9	78.9
GE 4000	78.2	79.5	80.3	80.8	81.0	81.0	81.2	81.2	81.2	81.2
GE 3500	79.2	80.7	81.5	82.0	82.2	82.2	82.4	82.4	82.4	82.4
GE 3000	83.4	84.1	82.7	83.4	83.8	83.8	84.0	84.1	84.2	84.2
GE 2500	91.3	92.2	93.3	94.4	94.9	94.9	95.1	95.1	95.1	95.1
GE 2000	92.3	94.4	95.4	95.3	95.4	95.4	95.7	95.7	95.7	95.7
GE 1800	92.6	94.9	95.9	96.4	96.9	96.9	97.1	97.1	97.1	97.2
GE 1500	94.3	96.9	98.2	98.4	99.3	99.3	99.6	99.6	99.6	99.7
GE 1200	95.2	97.9	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.7
GE 1000	95.3	98.5	99.7	99.4	91.1	91.1	91.3	91.3	91.3	91.4
GE 900	95.3	98.5	99.1	99.9	91.5	91.5	91.6	91.6	91.6	91.7
GE 800	95.4	98.2	99.3	91.5	92.4	92.4	92.5	92.5	92.5	92.5
GE 700	95.5	98.7	91.2	92.1	93.4	93.4	93.9	93.9	93.9	94.0
GE 600	97.2	99.3	92.3	93.9	94.6	94.6	95.3	95.3	95.3	95.4
GE 500	97.3	91.0	92.7	93.7	95.7	95.7	95.8	95.8	95.8	95.9
GE 400	97.3	91.0	92.7	93.7	95.7	95.7	97.0	97.0	97.0	97.1
GE 300	97.9	91.1	92.9	93.9	95.9	95.9	97.2	97.3	97.3	97.4
GE 200	97.8	91.1	92.9	94.0	96.1	96.1	97.6	97.8	97.8	97.9
GE 100	97.8	91.1	92.9	94.0	96.1	96.1	97.6	97.8	97.8	97.9
GE 000	97.-	91.1	92.9	94.0	96.1	96.1	97.5	97.8	97.8	97.-

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TINKER AFB OK
PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	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
[illegible]	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2
[illegible]	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7
[illegible]	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7
[illegible]	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8
[illegible]	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8
[illegible]	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8
[illegible]	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6
[illegible]	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9
[illegible]	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0
[illegible]	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1
[illegible]	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.6
[illegible]	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8
[illegible]	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0
[illegible]	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3
[illegible]	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5
[illegible]	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1
[illegible]	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2
[illegible]	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8
[illegible]	86.9	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.3	87.3	87.3
[illegible]	89.3	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8
[illegible]	90.3	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.8	90.8	90.8
[illegible]	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.6	91.6	91.6
[illegible]	91.6	91.8	91.8	91.8	91.9	91.9	91.9	91.9	92.0	92.0	92.0
[illegible]	92.4	92.8	92.8	92.8	92.9	92.9	92.9	92.9	93.0	93.0	93.0
[illegible]	93.4	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1
[illegible]	94.6	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.6	95.6	95.6
[illegible]	95.7	96.3	96.3	96.3	96.9	96.9	96.9	96.9	97.0	97.0	97.0
[illegible]	95.7	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2
[illegible]	95.9	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.6	97.6	97.6
[illegible]	96.1	97.6	97.8	97.8	97.9	97.9	97.9	97.9	98.2	98.3	98.3
[illegible]	96.1	97.6	97.8	97.8	97.9	98.1	98.1	98.3	98.9	99.0	99.4
[illegible]	96.1	97.6	97.8	97.8	97.9	98.1	98.1	98.3	98.9	99.3	100.0

OPERATING LOCATION WAW
USAFETAC, ASH VILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM MONTHLY OBSERVATIONS

STATION NUMBER: 72340 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERI
MONTH:

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	51.2	51.3	52.4	53.1	53.4	53.8	53.9	53.9	53.9	53.9
22000	55.5	57.4	58.1	59.0	59.1	59.4	59.4	59.5	59.5	59.5
18000	56.7	57.5	58.2	59.1	59.2	59.5	59.5	59.7	59.7	59.7
16000	56.9	57.7	58.4	59.3	59.4	59.8	59.8	60.0	60.0	60.0
14000	57.1	57.9	58.7	59.6	59.7	60.0	60.0	60.1	60.1	60.1
12000	57.7	58.5	59.2	60.1	60.3	60.7	60.7	60.8	60.8	60.8
10000	58.7	59.7	60.4	61.3	61.6	62.0	62.0	62.1	62.1	62.1
9000	59.2	60.2	60.9	61.8	62.1	62.5	62.5	62.6	62.6	62.6
8000	60.1	61.1	61.8	62.7	63.0	63.4	63.4	63.5	63.5	63.5
7000	67.4	68.5	69.3	70.2	70.4	70.8	70.8	70.9	70.9	70.9
6000	69.1	70.1	70.9	71.8	71.9	72.3	72.3	72.4	72.4	72.4
5000	71.4	72.4	73.1	74.0	74.2	74.6	74.6	74.7	74.7	74.7
4500	72.0	73.0	73.8	74.8	75.1	75.4	75.4	75.5	75.5	75.5
4000	72.1	73.1	74.0	74.9	75.2	75.6	75.6	75.7	75.7	75.7
3500	73.9	74.9	75.7	76.7	77.0	77.3	77.3	77.4	77.4	77.4
3000	75.5	76.5	77.3	78.3	78.6	79.0	79.0	79.1	79.1	79.1
2900	76.1	77.2	77.9	78.9	79.2	79.6	79.6	79.7	79.7	79.7
2800	77.0	78.2	78.9	79.9	80.3	80.7	80.7	80.8	80.8	80.8
2700	77.4	78.4	79.2	80.2	80.5	80.9	80.9	81.0	81.0	81.0
2600	78.3	79.4	80.1	81.1	81.4	81.8	81.8	81.9	81.9	81.9
2500	78.4	79.5	80.3	81.3	81.6	82.0	82.0	82.1	82.1	82.1
2400	79.1	80.2	81.0	82.0	82.3	82.7	82.7	82.8	82.8	82.8
2300	79.3	80.4	81.2	82.2	82.5	82.9	82.9	83.0	83.0	83.0
2200	79.8	81.0	81.8	82.8	83.1	83.5	83.5	83.6	83.6	83.6
2100	80.4	81.5	82.3	83.3	83.6	84.0	84.0	84.1	84.1	84.1
2000	81.4	82.5	83.3	84.3	84.6	85.0	85.0	85.1	85.1	85.1
1900	82.0	83.1	83.9	84.9	85.2	85.6	85.6	85.7	85.7	85.7
1800	82.6	83.7	84.5	85.5	85.8	86.2	86.2	86.3	86.3	86.3
1700	83.1	84.1	84.9	85.9	86.3	86.7	86.7	86.8	86.8	86.8
1600	83.6	84.6	85.4	86.4	86.7	87.1	87.1	87.2	87.2	87.2
1500	84.1	85.1	85.9	86.9	87.2	87.6	87.6	87.7	87.7	87.7
1400	84.5	85.6	86.4	87.4	87.7	88.1	88.1	88.2	88.2	88.2
1300	85.1	86.1	86.9	87.9	88.2	88.6	88.6	88.7	88.7	88.7
1200	85.4	86.4	87.2	88.2	88.5	88.9	88.9	89.0	89.0	89.0
1100	85.6	86.6	87.4	88.4	88.7	89.1	89.1	89.2	89.2	89.2
1000	85.9	86.9	87.7	88.7	89.0	89.4	89.4	89.5	89.5	89.5
900	86.1	87.1	87.9	88.9	89.2	89.6	89.6	89.7	89.7	89.7
800	86.3	87.3	88.1	89.1	89.4	89.8	89.8	89.9	89.9	89.9
700	86.4	87.4	88.2	89.2	89.5	89.9	89.9	90.0	90.0	90.0
600	86.5	87.5	88.3	89.3	89.6	90.0	90.0	90.1	90.1	90.1
500	86.5	87.5	88.3	89.3	89.6	90.0	90.0	90.1	90.1	90.1

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TINKER AFB OK PERIOD OF RECORD: MAR 73 - FEB 89
MONTH: APR HOURS: 06-09

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	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
GE 22	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0
GE 20	59.4	59.4	59.5	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7
GE 18	59.5	59.5	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8
GE 16	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0
GE 14	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2
GE 12	61.7	61.7	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9
GE 11	65.8	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0
GE 10	65.9	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1
GE 9	69.4	69.4	69.5	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7
GE 8	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0
GE 7	71.3	71.3	71.4	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.6
GE 6	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8
GE 5	74.4	74.4	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7
GE 4	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8
GE 3	77.3	77.3	77.4	77.4	77.4	77.5	77.5	77.6	77.6	77.6	77.6
GE 2	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
GE 1	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
GE 0	82.1	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3
	82.5	82.5	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5
	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3
	89.4	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.9	89.9
	90.4	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8
	91.7	91.8	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1
	92.7	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
	93.9	94.0	94.2	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5
	95.2	95.4	95.9	95.9	96.1	96.2	96.2	96.2	96.3	96.3	96.3
	96.2	96.5	97.3	97.5	97.9	98.0	98.0	98.0	98.1	98.1	98.1
	96.6	97.1	97.7	98.1	98.3	98.4	98.6	98.6	98.7	98.7	98.7
	96.8	97.1	97.8	98.3	98.6	98.8	98.9	99.0	99.1	99.1	99.1
	96.8	97.1	97.8	98.3	98.7	98.9	99.0	99.3	99.7	100.0	100.0
	96.8	97.1	97.8	98.3	98.7	98.9	99.0	99.3	99.7	100.0	100.0

OPERATING LOCATION [illegible]
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible]
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723[illegible]
STATION NAME: TINKER AFB OK
LST TO UTC: + 6

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE [illegible]	GE [illegible]	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	[illegible]	[illegible]	[illegible]	54.2	54.2	54.2	54.2	54.2	54.2	54.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	61.2	61.2	61.2	61.2	61.2	61.2	61.
[illegible]	[illegible]	[illegible]	61.	61.2	61.2	61.2	61.2	61.2	61.2	61.
14000	[illegible]	61.1	61.	61.4	61.4	61.4	61.4	61.	61.	61.
12000	[illegible]	[illegible]	63.	63.2	63.2	63.2	[illegible]	63.2	63.2	63.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	67.1	67.2	67.	67.2	67.	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7[illegible]	[illegible]	71.	71.	71.	71.	71.	71.	71.	71.	71.
[illegible]	71.	[illegible]	[illegible]	72.7	72.7	72.7	72.7	72.7	72.7	[illegible]
[illegible]	[illegible]	[illegible]	73.1	73.3	73.	73.3	73.	73.	73.	73.
[illegible]	73.	74.	74.1	74.	74.	74.	74.	74.	74.	74.
4[illegible]	74.	[illegible]	75.	75.	75.	75.	75.	75.	75.	75.
[illegible]	[illegible]	[illegible]	75.1	[illegible]	75.7	75.7	75.7	75.7	[illegible]	[illegible]
3[illegible]	[illegible]	77.7	77.	78.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.	1.	81.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83.4	83.4	83.	[illegible]	[illegible]	[illegible]
1500	[illegible]	[illegible]	85.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1200	[illegible]	87.7	[illegible]	[illegible]	89.4	89.4	89.	[illegible]	[illegible]	[illegible]
1000	[illegible]	[illegible]	[illegible]	[illegible]	91.1	91.2	91.	91.	91.	91.
[illegible]	87.	[illegible]	[illegible]	[illegible]	91.4	91.	91.	91.	91.	91.
[illegible]	[illegible]	[illegible]	91.	92.8	93.2	93.4	93.	93.	93.	[illegible]
700	[illegible]	91.2	92.	93.1	94.1	94.3	94.	94.	94.	94.
600	89.1	91.	92.	94.	95.0	95.2	95.	96.	96.	[illegible]
500	[illegible]	[illegible]	93.6	95.	95.6	96.3	97.3	97.6	97.7	97.
400	[illegible]	[illegible]	93.9	95.3	97.2	97.5	98.3	[illegible]	[illegible]	[illegible]
300	[illegible]	92.	94.0	95.4	97.3	97.8	98.9	99.4	[illegible]	99.
200	89.8	92.9	94.	95.4	97.3	97.9	98.9	99.6	99.9	100.
100	89.9	92.9	94.0	95.4	97.3	97.8	98.9	99.6	99.9	100.
000	89.9	92.9	94.0	95.4	97.3	97.9	98.9	99.6	99.9	100.

TOTAL NUMBER OF OBSERVATIONS 990

...TAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

...SE AFB, NM PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: APR HOURS: 09-11

CEILING IN HUNDREDS OF FEET | VISIBILITY IN STATUTE MILES

	GE 2 1/2	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
	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
	[illegible]	60.5	[illegible]	[illegible]	60.5	60.5	60.6	60.6	60.5	60.6	60.6
	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
	[illegible]	[illegible]	[illegible]	[illegible]	66.5	66.5	66.6	66.5	66.5	66.6	66.5
	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.5	71.5	71.6
	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
	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	74.6	74.5	74.5	74.5	74.5
	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
	[illegible]	[illegible]	[illegible]	[illegible]	80.0	80.0	80.0	80.0	80.0	80.0	80.0
	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
	[illegible]	[illegible]	[illegible]	[illegible]	85.2	85.2	85.2	85.2	85.2	85.2	85.2
	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.5	91.5	91.5
	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
	[illegible]	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
	96.8	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
	97.5	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	97.8	98.9	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	97.9	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	97.9	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	97.9	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION: MAW
HERNDON, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723144 STATION NAME: TIPPER AFB, OH PERIOD:
LST TO UTC: + 5 YEARS:

CEILING IN FEET	7	5	3	2	2 1/2	2	1 1/2	1 1/4	1
CALM	52.7	52.7	52.9	52.9	53.0	53.2	53.2	53.3	53.3
20	55.7	55.1	55.2	55.2	55.3	55.5	55.5	55.7	55.7
15	56.3	56.3	56.4	56.4	56.4	56.5	56.6	56.7	56.7
10	56.6	56.6	56.6	56.6	56.7	56.9	56.9	56.9	56.9
9	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
7	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
6	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
5	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
4	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
3	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
2 1/2	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
2	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
1 1/2	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
1 1/4	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
1	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
7/8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
3/4	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
5/8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
1/2	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
3/8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
1/4	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
0	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
20	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
15	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
10	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
9	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
7	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
6	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
5	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
4	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
3	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
2 1/2	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
2	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
1 1/2	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
1 1/4	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
1	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
7/8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
3/4	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
5/8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
1/2	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
3/8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
1/4	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
0	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9

TOTAL NUMBER OF OBSERVATIONS 9

...AGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

...AFB, OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: APR HOURS: 12-14

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES									
	GE 2 1/2	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
	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7
	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7
	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8
	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2
	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6
	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.7	95.7	95.7	95.7
	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.9	96.9	96.9	96.9
	97.0	97.1	97.3	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6
	97.8	97.7	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
	98.3	98.2	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
	99.2	99.4	99.2	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
	99.3	99.0	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9
	99.3	99.0	99.3	99.4	99.8	99.8	99.8	99.9	99.9	99.9	100.0
	99.3	99.0	99.3	99.4	99.8	99.8	99.8	99.9	99.9	99.9	100.0
	99.3	99.0	99.3	99.4	99.8	99.8	99.8	99.9	99.9	99.9	100.0

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72[illegible] STATION NAME: TINKER AFB OK PERIOD
LST TO GTC: + 6 MONTH: A

CEILING IN FEET	VISIBILITY IN STATUTE MILES: 5	4	3	2 1/2	2	1 1/2	1 1/4	1	1/2
NO CEIL	55.3	57.4	58.[illegible]	59.1	59.9	60.1	60.2	60.2	60.2	60.2
GT 20000	65.7	66.1	66.3	66.4	66.4	66.7	66.8	66.8	66.8	66.8
GE 15000	65.7	66.1	66.3	66.4	66.4	66.7	66.8	66.8	66.8	66.8
GE 10000	65.7	66.1	66.3	66.4	66.4	66.7	66.8	66.8	66.8	66.8
GE 14000	65.9	66.3	66.5	66.6	66.7	66.9	67.0	67.0	67.0	67.0
GE 12000	66.0	67.2	67.2	67.2	67.3	67.5	67.7	67.7	67.7	67.7
GE 10000	70.8	71.0	71.2	71.2	71.4	71.6	71.7	71.7	71.7	71.7
GE 9000	70.7	71.1	71.3	71.3	71.4	71.7	71.8	71.8	71.8	71.8
GE 8000	73.7	74.1	74.3	74.3	74.4	74.7	74.8	74.8	74.8	74.8
GE 7000	74.7	75.1	75.3	75.3	75.4	75.7	75.8	75.8	75.8	75.8
GE 6000	75.6	76.0	76.2	76.2	76.3	76.6	76.7	76.7	76.7	76.7
GE 5000	76.3	76.4	76.7	76.8	76.9	77.1	77.2	77.2	77.2	77.2
GE 4500	77.5	78.0	78.2	78.3	78.4	78.7	78.8	78.8	78.8	78.8
GE 4000	82.2	82.7	82.9	83.0	83.1	83.3	83.4	83.4	83.4	83.4
GE 3500	84.3	84.8	85.0	85.1	85.2	85.4	85.6	85.6	85.6	85.6
GE 3000	87.1	87.6	87.8	87.9	88.0	88.2	88.3	88.3	88.3	88.3
GE 2500	89.8	90.0	90.2	90.3	90.4	90.7	90.9	90.9	90.9	90.9
GE 2000	91.9	92.2	92.5	92.7	92.9	93.1	93.3	93.4	93.5	93.5
GE 1800	91.9	92.2	92.5	92.7	92.9	93.1	93.3	93.5	93.5	93.5
GE 1500	93.4	93.8	93.9	94.0	94.2	94.4	94.9	94.9	94.9	94.9
GE 1200	93.8	94.3	94.4	94.9	95.1	95.3	95.3	95.4	95.8	95.8
GE 1000	95.6	96.0	96.3	96.4	96.7	96.9	96.8	96.9	96.9	96.9
GE 900	96.0	96.3	96.8	96.9	97.1	97.3	97.3	97.4	97.1	97.1
GE 800	96.4	96.7	96.8	96.4	96.7	96.9	97.4	97.6	97.8	97.8
GE 700	96.7	96.9	96.7	96.8	97.0	97.3	97.9	98.0	98.2	98.3
GE 600	96.7	96.9	97.0	97.2	97.4	97.8	98.4	98.5	98.8	98.9
GE 500	96.9	96.2	97.3	97.6	97.9	98.2	99.1	99.2	99.4	99.7
GE 400	96.9	96.2	97.3	97.6	97.9	98.2	99.2	99.3	99.6	99.8
GE 300	96.9	96.2	97.3	97.6	97.9	98.2	99.2	99.4	99.7	99.9
GE 200	96.9	96.2	97.3	97.6	97.9	98.2	99.2	99.4	99.7	99.9
GE 100	96.9	96.2	97.3	97.6	97.9	98.2	99.2	99.4	99.7	99.9
GE 000	96.9	96.2	97.3	97.6	97.9	98.2	99.2	99.4	99.7	99.9

TOTAL NUMBER OF OBSERVATIONS 900

NTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] AFB UK

PERIOD OF RECORD: MAR 73 - FEB 83
MONTH: APR HOURS: 15-17

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	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
	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
	93.1	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
	93.1	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
	96.3	96.3	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	96.9	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	97.3	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
	97.8	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	99.2	99.1	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	99.2	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	99.2	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	99.2	99.2	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.2	99.2	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.2	99.2	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

OPERATING LOCATION NAME
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERIOD
MONTH:

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	59.2	59.5	59.9	59.9	60.0	60.0	60.1	60.1	60.3	60.3
GE 20000	70.4	70.8	71.1	71.1	71.2	71.2	71.3	71.3	71.6	71.6
GE 18000	71.0	71.3	71.7	71.7	71.8	71.8	71.9	71.9	72.1	72.1
GE 16000	71.0	71.3	71.7	71.7	71.8	71.8	71.9	71.9	72.1	72.1
GE 14000	71.5	71.9	72.2	72.2	72.3	72.3	72.4	72.4	72.7	72.7
GE 12000	73.1	73.4	73.8	73.8	73.9	73.9	74.0	74.0	74.2	74.2
GE 10000	76.5	77.1	77.5	77.5	77.6	77.6	77.7	77.7	78.1	78.1
GE 9000	76.6	77.1	77.5	77.6	77.7	77.8	77.9	77.9	78.1	78.1
GE 8000	79.1	79.6	80.0	80.0	80.2	80.2	80.3	80.3	80.5	80.5
GE 7000	79.8	80.3	80.8	80.8	81.0	81.0	81.1	81.1	81.3	81.3
GE 6000	80.1	80.7	81.1	81.1	81.3	81.3	81.4	81.4	81.7	81.7
GE 5000	81.2	81.8	82.2	82.2	82.4	82.4	82.5	82.6	82.8	82.8
GE 4500	82.8	83.4	83.9	84.0	84.2	84.2	84.3	84.3	84.5	84.5
GE 4000	86.9	87.4	87.9	88.0	88.2	88.2	88.3	88.3	88.5	88.5
GE 3500	89.1	89.7	90.1	90.2	90.4	90.4	90.5	90.6	90.8	90.8
GE 3000	89.3	89.9	90.3	90.4	90.6	90.6	90.7	90.8	91.0	91.0
GE 2500	90.9	91.4	91.8	91.9	92.1	92.1	92.2	92.3	92.5	92.5
GE 2000	91.7	92.3	92.7	92.8	93.0	93.0	93.1	93.2	93.4	93.4
GE 1800	91.8	92.4	92.9	93.1	93.4	93.4	93.5	93.5	93.8	93.8
GE 1500	92.5	93.4	94.2	94.4	94.6	94.8	94.9	94.9	95.1	95.1
GE 1200	92.9	93.8	94.6	94.8	95.1	95.1	95.2	95.2	95.4	95.4
GE 1000	93.8	94.5	95.6	95.8	96.2	96.2	96.3	96.3	96.6	96.7
GE 900	94.1	95.1	95.9	96.2	96.7	96.7	96.8	96.8	97.0	97.1
GE 800	94.3	95.4	96.2	96.5	97.0	97.0	97.1	97.1	97.3	97.4
GE 700	94.7	95.8	96.6	96.9	97.3	97.3	97.4	97.5	97.8	97.9
GE 600	94.8	95.9	96.7	97.1	97.7	97.7	98.0	98.1	98.3	98.4
GE 500	94.9	96.1	96.9	97.3	97.9	97.9	98.2	98.4	98.7	98.8
GE 400	94.9	96.1	97.0	97.7	98.2	98.2	98.7	98.9	99.1	99.3
GE 300	94.9	96.1	97.0	97.7	98.2	98.2	98.7	98.9	99.1	99.3
GE 200	95.0	96.2	97.1	97.8	98.3	98.3	98.8	99.0	99.2	99.4
GE 100	95.0	96.2	97.1	97.8	98.3	98.3	98.8	99.0	99.2	99.4
GE 000	95.0	96.2	97.1	97.8	98.3	98.3	98.8	99.0	99.2	99.4

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TINKER AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: APR HOURS: 18-20

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	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
.0	60.0	60.1	60.1	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4
.2	71.2	71.3	71.3	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7
.5	71.5	71.9	71.9	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2
.5	71.5	71.9	71.9	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2
.8	72.3	72.4	72.4	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8
.9	73.9	74.0	74.0	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3
.5	77.8	77.9	77.9	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.3
.5	77.8	77.9	77.9	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.3
.8	80.2	80.3	80.3	80.6	80.6	80.7	80.7	80.8	80.8	80.8	80.8
.9	81.0	81.1	81.1	81.3	81.3	81.4	81.4	81.6	81.6	81.6	81.6
.9	81.3	81.4	81.4	81.7	81.7	81.8	81.8	81.9	81.9	81.9	81.9
.4	82.4	82.6	82.6	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0
.7	84.2	84.3	84.3	84.5	84.6	84.7	84.7	84.8	84.8	84.8	84.8
.2	88.2	88.3	88.3	88.6	88.6	88.7	88.7	88.8	88.8	88.8	88.8
.4	89.4	89.6	89.6	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0
.1	90.1	90.2	90.2	90.4	90.4	90.6	90.6	90.7	90.7	90.7	90.7
.4	91.4	91.6	91.6	91.8	91.8	91.9	91.9	92.0	92.0	92.0	92.0
.4	92.4	92.6	92.6	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0
.4	93.4	93.6	93.6	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.0
.0	94.8	94.9	94.9	95.1	95.1	95.2	95.2	95.3	95.3	95.3	95.3
.1	95.1	95.2	95.2	95.4	95.4	95.6	95.6	95.7	95.7	95.7	95.7
.8	96.2	96.3	96.3	96.6	96.7	96.8	96.8	96.9	96.9	96.9	96.9
.7	96.7	96.8	96.8	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3
.7	97.0	97.1	97.1	97.3	97.4	97.6	97.6	97.7	97.7	97.7	97.7
.6	97.3	97.4	97.6	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.1
.7	97.7	98.0	98.1	98.3	98.4	98.6	98.6	98.7	98.7	98.7	98.7
.9	97.9	98.2	98.4	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0
.2	98.2	98.7	98.9	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6
.2	98.2	98.7	98.9	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6
.3	98.3	98.8	99.0	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8
.3	98.3	98.8	99.0	99.2	99.4	99.6	99.6	99.8	99.8	99.9	100.0
.3	98.3	98.3	99.0	99.2	99.4	99.6	99.6	99.8	99.8	99.9	100.0

OPERATING LOCATION WAN
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

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	64.9	65.1	65.3	65.5	65.9	65.9	65.9	66.3	66.3	66.3
GE 20000	73.2	73.6	74.0	74.0	74.3	74.3	74.3	74.4	74.4	74.4
GE 18000	73.2	73.6	74.0	74.0	74.3	74.3	74.3	74.4	74.4	74.4
GE 16000	73.2	73.6	74.0	74.0	74.3	74.3	74.3	74.4	74.4	74.4
GE 14000	73.7	74.0	74.4	74.4	74.8	74.8	74.8	74.9	74.9	74.9
GE 12000	74.4	74.8	75.2	75.2	75.6	75.6	75.6	75.7	75.7	75.7
GE 10000	77.8	78.3	78.3	78.3	79.1	79.1	79.1	79.2	79.2	79.2
GE 9000	77.8	78.3	78.3	78.3	79.1	79.1	79.1	79.2	79.2	79.2
GE 8000	78.3	78.8	80.7	80.7	81.5	81.5	81.5	81.6	81.6	81.6
GE 7000	78.3	78.8	81.2	81.2	81.6	81.6	81.6	81.7	81.7	81.7
GE 6000	78.8	79.3	81.2	81.2	81.6	81.6	81.6	81.7	81.7	81.7
GE 5000	81.2	81.7	82.6	82.6	82.9	82.9	82.9	83.0	83.0	83.0
GE 4500	82.7	83.2	84.4	84.4	84.8	84.8	84.8	84.9	84.9	84.9
GE 4000	85.1	85.6	87.5	87.5	87.9	87.9	87.9	88.0	88.0	88.0
GE 3500	86.2	87.5	88.2	88.4	88.9	88.9	88.9	89.0	89.0	89.0
GE 3000	87.1	88.4	89.1	89.3	89.8	89.8	89.8	89.9	89.9	89.9
GE 2500	87.9	89.2	90.3	90.5	91.0	91.0	91.0	91.1	91.1	91.1
GE 2000	88.6	90.1	91.1	91.3	91.8	91.8	91.8	91.9	91.9	91.9
GE 1800	89.1	90.6	91.6	91.8	92.3	92.3	92.3	92.4	92.4	92.4
GE 1500	89.9	91.6	92.7	92.9	93.4	93.4	93.4	93.5	93.5	93.7
GE 1200	91.1	92.9	94.0	94.2	94.8	94.8	94.8	94.9	94.9	95.1
GE 1000	91.8	93.6	95.1	95.3	95.9	95.9	95.9	96.0	96.0	96.1
GE 900	92.3	94.3	95.7	95.9	96.4	96.4	96.4	96.5	96.5	96.7
GE 800	92.7	94.7	96.0	96.2	96.8	96.8	96.9	97.0	97.0	97.1
GE 700	93.0	95.0	96.4	96.7	97.2	97.2	97.3	97.4	97.4	97.5
GE 600	93.2	95.2	96.7	96.9	97.4	97.4	97.6	97.7	97.7	97.9
GE 500	93.2	95.2	96.8	97.0	97.6	97.6	97.7	97.9	97.9	98.0
GE 400	93.2	95.2	96.8	97.1	97.9	98.1	98.2	98.3	98.3	98.5
GE 300	93.2	95.2	96.8	97.1	98.0	98.4	98.6	98.7	98.7	99.3
GE 200	93.2	95.2	96.8	97.1	98.2	98.7	98.9	99.0	99.0	99.7
GE 100	93.2	95.2	96.8	97.1	98.2	98.7	98.9	99.0	99.0	99.7
GE 000	93.2	95.2	96.8	97.1	98.2	98.7	98.9	99.0	99.0	99.7

TOTAL NUMBER OF OBSERVATIONS 900

AGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AFB, IA — PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: APR HOURS: 21-23

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 1/2	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
	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
	84.3	84.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
	89.3	89.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
	93.4	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
	94.8	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
	96.4	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	97.2	97.3	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6
	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	97.5	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
	98.1	98.2	98.3	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	98.4	98.6	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	98.7	98.9	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	98.7	98.9	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.9
	98.7	98.9	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK PERIOD:
LST IN UTC: + 6 MONTH:

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	10	7	5	6	4	3	2 1/2	2	1 1/2	1 1/4	1
ALL CEIL	57.4	57.9	58.3	58.5	58.7	58.8	58.8	58.9	58.9	58.9	
25000	55.1	55.7	56.2	56.4	56.5	56.6	56.7	56.7	56.8	56.8	
18000	55.3	55.9	56.3	56.5	56.7	56.8	56.9	56.9	56.9	56.9	
14000	55.4	55.9	56.4	56.6	56.8	56.9	56.9	57.0	57.0	57.0	
12000	55.7	56.3	56.7	56.9	57.1	57.2	57.2	57.3	57.3	57.3	
10000	56.1	57.4	57.7	58.0	58.2	58.3	58.3	58.4	58.4	58.4	
9000	70.1	70.8	71.3	71.5	71.7	71.8	71.8	71.9	71.9	71.9	
8000	70.3	71.1	71.5	71.7	71.9	72.0	72.0	72.1	72.1	72.1	
7000	73.1	73.9	74.4	74.6	74.8	74.9	74.9	75.0	75.0	75.0	
6000	74.1	74.8	75.3	75.5	75.7	75.8	75.9	75.9	75.9	75.9	
5000	74.7	75.5	76.0	76.2	76.4	76.5	76.5	76.6	76.6	76.6	
4500	76.9	76.7	77.2	77.4	77.7	77.8	77.8	77.8	77.8	77.8	
4000	77.1	77.9	78.5	78.7	78.9	79.0	79.1	79.1	79.2	79.2	
3500	81.6	82.3	82.5	82.6	83.0	83.1	83.2	83.2	83.2	83.2	
3000	82.5	83.3	84.1	84.4	84.7	84.8	84.8	84.9	84.9	84.9	
2500	84.3	85.2	85.8	86.2	86.5	86.6	86.6	86.7	86.7	86.7	
2000	86.1	86.9	87.5	88.0	88.3	88.4	88.5	88.6	88.6	88.6	
1800	86.8	87.6	88.2	88.5	88.9	89.0	89.1	89.2	89.2	89.2	
1500	87.4	88.3	89.0	89.3	89.7	89.8	89.9	90.0	90.0	90.0	
1200	90.7	91.4	91.9	92.1	92.2	92.3	92.4	92.5	92.5	92.5	
1000	92.3	93.1	93.6	93.8	93.9	94.0	94.1	94.2	94.2	94.2	
900	92.9	93.7	94.2	94.4	94.5	94.6	94.7	94.8	94.8	94.8	
800	93.3	94.1	94.7	94.9	95.1	95.2	95.3	95.4	95.4	95.4	
700	93.9	94.8	95.4	95.7	95.9	96.0	96.1	96.2	96.2	96.2	
600	94.3	95.2	95.8	96.1	96.3	96.4	96.5	96.6	96.6	96.6	
500	94.9	95.8	96.4	96.7	96.9	97.0	97.1	97.2	97.2	97.2	
400	95.0	95.9	96.5	96.8	97.0	97.1	97.2	97.3	97.3	97.3	
300	95.1	96.0	96.6	96.9	97.1	97.2	97.3	97.4	97.4	97.4	
200	95.1	96.0	96.6	96.9	97.1	97.2	97.3	97.4	97.4	97.4	
100	95.1	96.0	96.6	96.9	97.1	97.2	97.3	97.4	97.4	97.4	
000	95.1	96.0	96.6	96.9	97.1	97.2	97.3	97.4	97.4	97.4	

TOTAL NUMBER OF OBSERVATIONS 7200

...SE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

...S AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: APR HOURS: ALL

CEILING IN HUNDREDS OF FEET / VISIBILITY IN STATUTE MILES	GE 2 1/2	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
...*	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
...6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
...*	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
...9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
...2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
...3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
71.	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2
74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1
75.8	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
77.3	77.4	77.8	77.9	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
83.1	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
84.8	84.8	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0
86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8
88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7
89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3
90.4	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6
93.6	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
94.1	94.3	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
94.9	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
95.6	95.9	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2
96.2	96.6	96.7	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0
96.9	97.5	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
97.8	98.1	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
97.9	98.4	98.7	98.8	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
97.7	98.5	98.8	99.0	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.5
97.7	98.5	98.8	99.0	99.3	99.4	99.4	99.5	99.7	99.8	99.9	99.9
97.7	98.5	98.8	99.0	99.3	99.4	99.4	99.5	99.7	99.8	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 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	55.2	55.7	56.0	56.5	56.5	56.5	56.5	56.5	56.5	56.6
22000	63.1	64.5	65.3	65.9	65.9	65.9	65.9	65.9	65.9	65.9
18000	64.0	65.1	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3
15000	64.0	65.1	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3
14000	64.3	65.4	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.8
12000	66.7	66.8	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.4
10000	70.7	71.0	71.4	72.0	72.0	72.0	72.0	72.0	72.0	72.0
9000	70.9	71.2	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.
8000	71.9	73.7	74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.3
7000	72.4	74.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.2
6000	73.7	75.4	76.2	77.1	77.2	77.2	77.2	77.2	77.2	77.3
5000	74.7	76.5	77.3	78.2	78.3	78.3	78.4	78.3	78.3	78.4
4500	76.2	78.1	79.0	79.9	79.9	79.9	79.9	79.9	79.9	80.0
4000	77.1	79.0	81.2	82.0	82.2	82.2	82.2	82.2	82.2	82.4
3500	78.7	81.0	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.4
3000	79.4	81.5	82.9	84.1	84.3	84.3	84.3	84.3	84.3	84.5
2500	81.1	83.5	84.9	85.1	86.3	86.3	86.3	86.3	86.3	86.7
2000	81.7	84.1	86.3	87.5	87.8	87.8	87.8	87.8	87.8	88.2
1800	82.4	85.2	87.2	88.3	88.5	88.5	88.5	88.5	88.5	88.8
1600	84.3	87.0	89.0	90.6	91.1	91.1	91.1	91.1	91.1	91.4
1200	84.5	87.5	89.3	91.3	92.4	92.4	92.4	92.4	92.4	92.7
1000	84.5	87.7	90.1	92.4	93.2	93.2	93.2	93.2	93.2	93.5
900	84.5	87.8	90.4	92.6	93.5	93.6	93.6	93.6	93.6	94.1
800	84.9	88.3	90.9	93.2	94.3	94.3	94.4	94.4	94.4	94.7
700	85.3	88.8	91.2	93.5	94.8	94.8	94.9	94.9	94.9	95.3
600	85.5	88.9	91.4	94.0	95.3	95.3	95.4	95.4	95.4	95.7
500	85.7	89.5	92.2	94.9	96.6	96.6	96.7	96.7	96.7	97.0
400	85.8	89.6	92.5	95.4	97.3	97.3	97.7	97.7	97.7	98.1
300	85.8	89.6	92.8	95.6	98.0	98.0	98.4	98.4	98.5	98.8
200	85.9	89.8	92.8	95.6	98.0	98.0	98.4	98.4	98.5	98.8
100	85.9	89.9	92.8	95.6	98.0	98.0	98.4	98.4	98.6	98.9
000	85.9	89.9	92.8	95.6	98.0	98.0	98.4	98.4	98.6	98.9

TOTAL NUMBER OF OBSERVATIONS 930

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 80
MONTH: MAY HOURS: 00-02

CEILING IN HUNDREDS OF FEET

VIS 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
	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6
	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5
	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2
	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4
	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
	84.3	84.3	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6
	86.3	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7
	87.8	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2
	88.5	88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8
	91.1	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4
	92.4	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7
	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
	93.8	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1
	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
	94.9	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3
	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
	96.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0
	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
	98.4	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
	98.4	98.4	98.5	98.8	98.9	98.9	99.0	99.0	99.0	99.0
	98.4	98.4	98.6	98.9	99.0	99.1	99.4	99.4	99.4	99.6
	98.4	98.4	98.6	98.9	99.0	99.1	99.4	99.4	99.4	100.0

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF OB
FROM ASOS OBSERVATIONS

STATION NUMBER: 723560 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
ALL CIG	49.1	50.4	51.4	51.4	51.9	51.9	52.0	52.2	52.2	52.
22000	56.1	57.5	58.2	60.2	60.4	60.4	60.4	60.5	60.5	60.5
18000	62.4	63.8	63.5	63.9	64.0	64.0	64.1	64.1	64.2	64.2
14000	67.3	68.7	69.3	69.7	69.9	69.9	70.1	70.1	70.2	70.2
10000	67.4	69.1	69.8	69.9	70.2	70.2	70.3	70.3	70.4	70.4
9000	67.4	69.1	70.1	70.4	70.8	70.8	70.9	70.9	71.0	71.0
8000	71.7	73.7	74.7	74.9	75.3	75.3	75.4	75.4	75.5	75.5
7000	73.3	75.3	76.2	76.5	76.9	76.9	77.0	77.0	77.1	77.1
6000	75.1	77.3	78.4	78.9	79.3	79.3	79.4	79.5	79.6	79.6
5000	76.7	78.9	79.9	80.4	80.8	80.8	80.9	81.0	81.1	81.1
4500	77.0	79.2	80.2	80.7	81.1	81.1	81.2	81.3	81.4	81.4
4000	77.4	79.6	80.6	81.1	81.4	81.4	81.5	81.6	81.7	81.8
3500	78.0	80.2	81.3	81.8	82.1	82.1	82.2	82.3	82.4	82.5
3000	78.7	81.0	82.1	82.6	83.1	83.1	83.4	83.5	83.6	83.7
2500	79.2	81.5	82.7	83.2	83.8	83.8	84.0	84.1	84.2	84.3
2000	79.7	82.0	83.2	83.7	84.3	84.3	84.5	84.6	84.7	84.8
1800	80.0	82.3	83.5	84.0	84.6	84.6	84.8	84.9	85.0	85.1
1600	80.4	82.7	83.9	84.4	85.0	85.0	85.2	85.3	85.4	85.5
1400	80.7	83.0	84.2	84.7	85.3	85.3	85.5	85.6	85.7	85.8
1200	81.1	83.4	84.6	85.1	85.7	85.7	85.9	86.0	86.1	86.2
1000	81.5	83.8	85.0	85.5	86.1	86.1	86.3	86.4	86.5	86.6
900	81.8	84.1	85.3	85.8	86.4	86.4	86.6	86.7	86.8	86.9
800	82.0	84.3	85.5	86.0	86.6	86.6	86.8	86.9	87.0	87.1
700	82.3	84.6	85.8	86.3	86.9	86.9	87.1	87.2	87.3	87.4
600	82.5	84.8	86.0	86.5	87.1	87.1	87.3	87.4	87.5	87.6
500	82.7	85.0	86.2	86.7	87.3	87.3	87.5	87.6	87.7	87.8
400	83.0	85.3	86.5	87.0	87.6	87.6	87.8	87.9	88.0	88.1
300	83.2	85.5	86.7	87.2	87.8	87.8	88.0	88.1	88.2	88.3
200	83.4	85.7	86.9	87.4	88.0	88.0	88.2	88.3	88.4	88.5
100	83.6	85.9	87.1	87.6	88.2	88.2	88.4	88.5	88.6	88.7
000	83.7	86.0	87.2	87.7	88.3	88.3	88.5	88.6	88.7	88.8

TOTAL NUMBER OF OBSERVATIONS 930

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] IN PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAY HOURS: 03-05

CEILING IN STATUTE MILES	10	5	4	3	2 1/2	2	1 1/2	1	1/2	0
[illegible]	52.0	52.0	52.2	52.2	52.2	52.2	52.3	52.3	52.5	52.5
[illegible]	60.1	60.5	60.5	60.6	60.6	60.6	60.8	60.8	61.0	61.0
[illegible]	61.1	61.1	61.2	61.2	61.2	61.2	61.3	61.3	61.5	61.5
[illegible]	61.1	61.1	61.2	61.2	61.2	61.2	61.3	61.3	61.5	61.5
[illegible]	61.3	61.3	61.4	61.4	61.4	61.4	61.5	61.5	61.7	61.7
[illegible]	62.4	62.4	62.5	62.5	62.5	62.5	62.6	62.6	62.8	62.8
[illegible]	65.8	65.8	65.8	65.8	65.8	65.8	65.7	65.7	66.9	66.9
[illegible]	67.0	67.0	67.1	67.1	67.1	67.1	67.2	67.2	67.4	67.4
[illegible]	70.1	70.1	70.2	70.2	70.2	70.2	70.3	70.3	70.5	70.5
[illegible]	71.6	71.6	71.7	71.7	71.7	71.7	71.8	71.8	72.0	72.0
[illegible]	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.9	72.9
[illegible]	74.1	74.1	74.2	74.2	74.2	74.2	74.3	74.3	74.5	74.5
[illegible]	74.9	74.9	75.1	75.1	75.1	75.1	75.2	75.2	75.4	75.4
[illegible]	77.4	77.5	78.0	78.1	78.1	78.1	78.2	78.2	78.4	78.4
[illegible]	78.6	78.6	78.6	78.7	78.7	78.7	78.8	78.8	79.0	79.0
[illegible]	79.2	79.3	79.4	80.3	80.3	80.3	80.1	80.1	80.3	80.3
[illegible]	81.6	81.6	81.7	81.8	81.8	81.8	81.9	81.9	82.2	82.2
[illegible]	83.4	83.4	83.5	83.7	83.7	83.7	83.8	83.8	84.0	84.0
[illegible]	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.2	85.2
[illegible]	85.9	85.9	86.0	86.1	86.1	86.1	86.2	86.2	86.5	86.5
[illegible]	88.5	88.5	88.5	88.7	88.7	88.7	88.8	88.8	89.0	89.0
[illegible]	89.6	89.6	89.7	89.8	89.8	89.8	89.9	89.9	90.1	90.1
[illegible]	90.5	90.5	90.6	90.8	90.8	90.8	90.9	90.9	91.1	91.1
[illegible]	92.3	92.3	92.4	92.5	92.5	92.5	92.6	92.6	92.8	92.8
[illegible]	93.1	93.1	93.2	93.3	93.3	93.3	93.4	93.4	93.7	93.7
[illegible]	94.0	94.0	94.1	94.3	94.3	94.3	94.4	94.4	94.6	94.6
[illegible]	94.9	94.9	95.1	95.3	95.3	95.3	95.4	95.4	95.6	95.6
[illegible]	96.8	96.8	96.9	97.1	97.1	97.1	97.2	97.2	97.4	97.4
[illegible]	97.4	97.4	97.5	97.7	97.7	97.7	97.8	97.8	98.1	98.1
[illegible]	97.7	97.7	97.8	98.1	98.2	98.2	98.4	98.5	98.9	98.9
[illegible]	97.7	97.7	97.8	98.1	98.2	98.2	98.4	98.8	99.2	99.5
[illegible]	97.7	97.7	97.8	98.1	98.2	98.2	98.4	98.8	99.2	100.0

OPERATING LOCATION [illegible]
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible]
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72?5?? STATION NAME: TINKER AFB OK
LST TO UTC: + 6

[illegible]
MONTH: [illegible]

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	4?.?	4?.?	4?.?	4?.3	4?.?	47.1	47.1	47.1	47.1	47.1
GE [illegible]	4?.	??.?	?2.7	53.?	54.?	?4.3	?4.3	?4.3	?4.?	?4.?
GE 1????	4?.	[illegible]	?2.7	53.?	54.?	?4.?	?4.?	?4.?	?4.3	?4.?
GE 1????	4?.?	[illegible]	??.7	?3.?	54.?	?4.3	?4.?	?4.?	?4.?	?4.?
GE 14???	4?.?	[illegible]	?2.?	53.7	?4.1	?4.4	?4.?	?4.?	?4.4	?4.4
GE 1????	[illegible]	[illegible]	?3.?	?4.4	?4.?	?5.?	?5.?	?5.?	?5.?	?5.?
GE 1????	[illegible]	?.?	?.7	?.?	6?.1	?.?	?.?	?.?	?.?	?.?
GE [illegible]	?.?	?.?	?.?	?.7	??.1	?.?	?.?	?.?	?.?	?.?
GE [illegible]	?.	?.?	?1.?	?.?	?3.?	?3.	?.?	?.?	?.?	?3.
GE 7???	??.?	?.?	?.?	?5.1	?5.?	?6.1	?6.1	?6.1	?6.1	?.1
GE ????	?1.1	?.	?4.	?5.?	?6.6	?7.3	?7.3	?7.3	?7.?	?7.?
GE ???	?.	?.?	?7.?	?.7	??.4	7?.1	7?.1	7?.1	7?.1	7?.1
GE ????	?.?	7.?	?.?	?.?	7?.?	71.?	71.?	71.?	71.?	71.
GE ????	?.	?.?	7?.?	71.?	72.4	73.1	73.1	??.1	7?.1	?3.1
GE ????	?.	7?.	71.?	72.?	73.3	74.1	74.1	74.1	74.1	74.1
GE ????	?7.7	71.?	7?.?	7?.?	74.3	75.1	7?.1	7?.1	75.1	75.1
GE ????	7?.1	7?.?	7?.?	7?.3	77.?	7?.?	7?.1	7?.1	7?.1	7?.1
GE ????	7?.?	7?.?	77.3	7?.?	7?.4	?.1	?.?	?.?	?.?	?.?
GE 1???	7?.	7?.	77.7	7?.?	7?.?	?.?	?.?	?.?	?.?	?.?
GE 1??	7?.?	77.?	7?.?	?1.?	?.?	?2.?	?3.1	?3.1	?3.1	?3.1
GE 1???	74.?	7?.?	?.?	?3.?	?4.7	?5.7	?.?	?.?	?.?	?.
GE 1???	7?.	?.	?4.?	?.?	?5.7	?7.?	?.?	?.?	?.1	?.1
GE ???	77.1	?1.?	?.4	?7.1	??.3	??.4	?9.7	?.7	??.	?.
GE ???	7?.?	?.?	?.?	?.?	9?.3	?1.4	?1.7	?1.7	?1.	?1.?
GE 7??	7?.	?.?	?.?	?.?	??.?	?3.2	?3.?	?3.?	?3.?	?3.?
GE ??	7?.1	?.?	?.?	?1.?	??.?	?4.1	?4.7	?4.7	?4.?	?4.?
GE ???	7?.?	?.?	?.?	?2.2	93.?	??.?	?.1	?.2	?.3	?.?
GE 4??	7?.?	?.?	?.?	?2.7	?4.?	??.?	?7.3	?7.?	?7.?	?.?
GE ?00	7?.?	?.1	?.1	92.?	?4.7	?5.3	??.?	?5.3	??.4	??.
GE 200	7?.?	?.1	??.1	?2.?	?4.7	?5.3	?.?	??.3	??.4	??.?
GE 10?	7?.?	?.1	?9.1	??.?	?4.7	?5.3	??.?	?.3	??.4	??.?
GE ???	7?.?	?.1	??.1	?2.?	?4.7	?6.3	?.?	??.3	??.4	??.?

TOTAL NUMBER OF OBSERVATIONS ?3?

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAY HOURS: 06-09

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
GE 1/2	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.3
GE 0	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.5
	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.5
	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.5
	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.6
	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.4
	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.6
	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.6
	63.3	63.3	63.3	63.3	63.9	63.9	63.9	63.9	63.9	64.0
	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.3
	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.5
	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.3
	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.2
	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3
	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.3
	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.3
	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.3
	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.4
	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.9
	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.3
	85.9	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.2
	88.0	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.3
	89.7	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	90.0
	91.7	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	92.0
	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.1
	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	95.1
	96.1	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.6
	97.3	97.5	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.2
	98.0	98.3	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.1
	98.0	98.3	98.4	99.0	99.1	99.2	99.2	99.4	99.6	99.7
	98.0	98.3	98.4	99.0	99.1	99.2	99.2	99.4	99.6	99.8
	98.0	98.3	98.4	99.0	99.1	99.2	99.2	99.4	99.6	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

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	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
22000	55.1	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
18000	55.1	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
16000	55.1	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
14000	55.2	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
12000	56.7	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
10000	61.7	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
9000	61.7	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
8000	65.1	65.2	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.7
7000	65.7	67.4	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8
6000	67.1	68.0	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5
5500	69.0	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5
5000	69.5	69.7	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2
4500	70.4	71.2	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6
4000	71.0	72.5	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2
3500	73.5	75.3	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0
3000	74.1	76.0	76.5	76.6	76.7	76.8	76.8	76.8	76.8	76.8
2500	80.3	82.4	83.1	83.2	83.4	83.5	83.5	83.5	83.5	83.5
2000	81.1	83.3	84.1	84.2	84.4	84.5	84.5	84.5	84.5	84.5
1500	85.9	86.1	86.9	87.0	87.2	87.3	87.3	87.3	87.3	87.3
1200	89.6	90.0	89.9	90.1	90.6	90.8	90.8	90.8	90.8	90.8
1000	91.7	91.9	92.2	92.4	92.9	93.1	93.1	93.1	93.1	93.1
900	91.8	91.9	92.3	93.8	94.2	94.4	94.4	94.4	94.4	94.4
800	92.4	92.5	93.9	94.7	95.0	95.1	95.1	95.1	95.1	95.1
700	92.5	92.7	94.2	95.5	96.5	96.7	97.1	97.1	97.2	97.2
600	92.9	93.3	94.6	95.9	96.9	97.2	97.6	97.6	97.7	97.7
500	93.1	93.4	94.8	96.2	97.3	97.6	97.5	97.5	97.6	97.6
400	93.2	93.5	95.1	96.4	98.1	98.5	98.5	98.5	98.6	98.6
300	93.2	93.5	95.1	96.3	98.1	98.5	98.5	98.6	98.7	100.0
200	93.2	93.5	95.1	96.3	98.1	98.5	98.6	98.6	98.7	100.0
100	93.2	93.5	95.1	96.3	98.1	98.5	98.6	98.6	98.7	100.0
000	93.2	93.5	95.1	96.3	98.1	98.5	98.6	98.6	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] UK

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAY HOURS: 09-11

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
[illegible]	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
[illegible]	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
[illegible]	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
[illegible]	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
[illegible]	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
[illegible]	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
[illegible]	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
[illegible]	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
[illegible]	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
[illegible]	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
[illegible]	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
[illegible]	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
[illegible]	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
[illegible]	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
[illegible]	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
[illegible]	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
[illegible]	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
[illegible]	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
[illegible]	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
[illegible]	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
[illegible]	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
[illegible]	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
[illegible]	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
[illegible]	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
[illegible]	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
[illegible]	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
[illegible]	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
[illegible]	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
[illegible]	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.6	99.6	99.7	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 CEILI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD OF
LST TO UTC: + 6 MONTH: MA

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	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	4
GE 20000	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	5
GE 18000	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	5
GE 16000	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	5
GE 14000	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	5
GE 12000	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	5
GE 10000	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	6
GE 9000	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	6
GE 8000	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	6
GE 7000	66.6	66.7	66.8	66.9	67.1	67.1	67.1	67.1	67.1	67.1	6
GE 6000	67.3	67.5	67.6	67.7	68.0	68.0	68.0	68.0	68.0	68.0	6
GE 5000	68.7	69.4	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	6
GE 4500	69.7	69.7	69.9	69.2	69.6	69.6	69.6	69.6	69.6	69.6	6
GE 4000	73.8	74.2	74.4	74.5	74.9	74.9	74.9	74.9	74.9	74.9	7
GE 3500	75.2	75.6	76.9	77.1	77.4	77.4	77.4	77.4	77.4	77.4	7
GE 3000	81.3	81.3	81.9	82.4	82.7	82.7	82.8	82.8	82.8	82.8	8
GE 2500	84.4	84.9	85.7	86.1	86.6	86.7	86.7	86.7	86.7	86.7	8
GE 2000	88.3	88.5	89.7	90.2	90.6	90.8	90.8	90.8	90.8	90.8	9
GE 1800	88.9	89.2	90.6	91.2	91.6	91.7	91.7	91.7	91.7	91.7	9
GE 1600	90.4	91.4	92.5	93.0	93.4	93.5	93.5	93.5	93.5	93.5	9
GE 1200	92.5	93.4	94.9	95.5	95.9	96.0	96.0	96.0	96.0	96.0	9
GE 1000	93.4	94.5	96.0	96.6	97.0	97.3	97.3	97.3	97.3	97.3	9
GE 900	93.4	94.5	96.0	96.6	97.1	97.5	97.5	97.5	97.5	97.6	9
GE 800	93.7	94.7	96.2	96.8	97.4	97.8	97.8	97.8	98.0	98.1	9
GE 700	93.7	94.7	96.3	97.0	97.3	98.3	98.3	98.3	98.4	98.4	9
GE 600	93.9	94.9	96.3	97.4	98.5	99.0	99.0	99.0	99.1	99.1	9
GE 500	94.0	95.1	97.1	97.6	98.7	99.2	99.7	99.7	99.8	99.9	9
GE 400	94.0	95.1	97.1	97.6	98.7	99.2	99.7	99.7	99.8	100.0	1
GE 300	94.0	95.1	97.1	97.6	98.7	99.2	99.7	99.7	99.8	100.0	1
GE 200	94.0	95.1	97.1	97.6	98.7	99.2	99.7	99.7	99.8	100.0	1
GE 100	94.0	95.1	97.1	97.6	98.7	99.2	99.7	99.7	99.8	100.0	1
GE 000	94.0	95.1	97.1	97.6	98.7	99.2	99.7	99.7	99.8	100.0	1

TOTAL NUMBER OF OBSERVATIONS 930

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AFB OK

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAY HOURS: 12-14

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
.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
.	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
.	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
.	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
.	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
.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
.	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
.	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
.	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
.	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
.	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
.	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
.	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
.	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
.	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
.	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
.	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
.	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
.	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.	99.7	99.7	99.8	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 C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERI
MONTH

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	59.6	59.8	60.0	60.3	60.3	60.4	60.5	60.6	60.7	60.7
GE 20000	61.4	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 18000	61.4	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 16000	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 14000	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 12000	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 10000	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 9000	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 8000	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 7000	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 6000	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 5000	73.5	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4500	75.4	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4000	82.4	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 3500	84.6	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 3000	88.6	89.2	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 2500	90.1	90.7	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2000	92.5	93.2	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1800	92.9	93.7	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1500	93.7	94.6	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1200	94.0	94.9	95.7	95.8	95.8	95.8	96.0	96.0	96.0	96.0
GE 1000	94.6	95.6	96.3	96.5	96.8	96.8	97.1	97.1	97.1	97.1
GE 900	95.2	96.1	96.9	97.1	97.3	97.3	97.6	97.6	97.6	97.6
GE 800	95.6	96.5	97.4	97.6	98.0	98.0	98.3	98.3	98.3	98.3
GE 700	95.9	96.8	97.7	98.0	98.4	98.4	98.7	98.7	98.7	98.7
GE 600	95.9	97.0	97.8	98.2	98.6	98.7	99.0	99.0	99.0	99.0
GE 500	96.1	97.2	98.1	98.5	98.9	99.1	99.7	99.7	99.7	99.7
GE 400	96.1	97.2	98.1	98.5	98.9	99.1	99.7	99.7	99.7	99.7
GE 300	96.1	97.2	98.1	98.5	98.9	99.1	99.7	99.7	99.7	99.7
GE 200	96.1	97.2	98.1	98.5	98.9	99.1	99.7	99.7	99.7	99.8
GE 100	96.1	97.2	98.1	98.5	98.9	99.1	99.7	99.7	99.7	99.8
GE 000	96.1	97.2	98.1	98.5	98.9	99.1	99.7	99.7	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

: TINKER AFB OK
+ 6

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAY HOURS: 15-17

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 3	GE 2 1/2	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
	[illegible]	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
	75.3	75.3	75.3	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
	95.8	95.8	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
	96.8	96.8	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
	97.3	97.3	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
	98.0	98.0	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
	98.4	98.4	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
	98.6	98.7	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
	99.3	99.1	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
	99.9	99.1	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9
	99.9	99.1	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
	99.9	99.1	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
	99.9	99.1	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
	99.9	99.1	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723740 STATION NAME: TINKER AFB OK PERIOD OF
LST TO UTC: + 6 MONTH: AL

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	53.9	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	
GE 20000	65.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	
GE 18000	65.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	
GE 15000	67.4	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	
GE 14000	68.5	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	
GE 12000	70.1	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	
GE 10000	74.1	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	
GE 9000	74.3	75.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	
GE 8000	77.2	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	
GE 7000	77.3	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	
GE 6000	78.4	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	
GE 5000	79.1	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
GE 4500	81.4	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	
GE 4000	85.3	86.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	
GE 3500	86.2	87.7	88.4	88.5	88.5	88.6	88.5	88.5	88.6	88.5	
GE 3000	88.3	89.5	90.4	90.5	90.9	90.9	91.0	91.0	91.0	91.0	
GE 2500	88.9	91.1	91.9	92.2	92.4	92.4	92.5	92.5	92.5	92.5	
GE 2000	91.1	92.3	93.2	93.4	93.7	93.7	93.8	93.8	93.8	93.8	
GE 1500	91.1	92.3	93.3	93.5	93.8	93.8	93.9	93.9	93.9	93.9	
GE 1000	91.7	92.9	94.2	94.4	94.5	94.5	94.7	94.7	94.7	94.7	
GE 1200	92.4	93.9	95.1	95.4	95.5	95.5	95.7	95.7	95.7	95.7	
GE 1100	93.1	94.5	95.9	96.2	96.7	96.7	96.8	96.8	96.8	96.8	
GE 1000	93.1	94.7	96.0	96.3	96.8	96.8	96.9	96.9	96.9	96.9	
GE 900	93.4	95.1	96.3	96.6	97.3	97.3	97.4	97.4	97.4	97.4	
GE 800	93.5	95.2	96.5	96.9	97.6	97.6	97.7	97.7	97.7	97.7	
GE 700	93.9	95.6	97.0	97.4	98.4	98.4	98.6	98.6	98.6	98.6	
GE 600	94.2	95.9	97.3	98.0	99.0	99.0	99.4	99.4	99.4	99.4	
GE 400	94.2	95.9	97.4	98.1	99.1	99.2	99.5	99.6	99.6	99.6	
GE 300	94.2	95.9	97.4	98.1	99.1	99.2	99.5	99.6	99.6	99.6	
GE 200	94.3	96.0	97.5	98.2	99.2	99.4	99.7	99.7	99.7	99.7	
GE 100	94.3	96.0	97.5	98.2	99.2	99.4	99.7	99.7	99.7	99.8	
GE 000	94.3	96.0	97.5	98.2	99.2	99.4	99.7	99.7	99.7	99.8	

TOTAL NUMBER OF OBSERVATIONS 930

ENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] AFB OK

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAY HOURS: 18-20

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	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
GE 22	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 20	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 18	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 15	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 12	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 10	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 5	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 4	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 3 1/2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 2 1/2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1 1/2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1 1/4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 3/4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 5/8	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1/2	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3/8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1/4	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
GE 0	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
[illegible]	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
[illegible]	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
[illegible]	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
[illegible]	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
[illegible]	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
[illegible]	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
[illegible]	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0

OPERATING LOCATION "A"
ASHEVILLE, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 5	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	59.3	59.7	59.8	59.8	59.8	59.9	59.9	59.9
GE 20000	66.3	67.4	67.7	67.8	67.8	67.8	67.8	67.8
GE 18000	67.6	68.3	68.7	68.7	68.7	68.7	68.7	68.7
GE 16000	67.7	68.4	68.8	68.8	68.8	68.8	68.8	68.8
GE 14000	67.8	69.0	69.2	69.2	69.2	69.2	69.2	69.2
GE 12000	69.1	70.3	70.5	70.5	70.5	70.5	70.5	70.5
GE 10000	73.2	74.2	74.9	75.1	75.1	75.1	75.1	75.1
GE 9000	73.8	74.7	75.5	75.6	75.6	75.6	75.6	75.6
GE 8000	76.3	77.3	78.1	78.2	78.2	78.2	78.2	78.2
GE 7000	77.6	78.3	78.7	78.8	78.8	78.8	78.8	78.8
GE 6000	77.9	78.7	79.4	79.6	79.6	79.6	79.6	79.6
GE 5000	77.9	78.7	79.4	79.6	79.6	79.6	79.6	79.6
GE 4500	78.2	79.1	80.0	80.1	80.1	80.1	80.1	80.1
GE 4000	78.9	81.0	81.7	81.9	81.9	81.9	82.0	82.0
GE 3500	80.0	84.1	85.2	85.4	85.4	85.4	85.5	85.5
GE 3000	84.3	87.4	88.5	88.7	88.7	88.7	88.8	88.8
GE 2500	85.3	88.0	89.7	90.0	90.2	90.2	90.4	90.4
GE 2000	86.3	89.7	91.0	91.2	91.5	91.6	91.7	91.8
GE 1800	86.4	89.9	91.4	91.6	91.8	91.9	92.0	92.1
GE 1600	86.7	90.2	91.7	91.9	92.2	92.2	92.4	92.4
GE 1500	89.0	91.2	92.9	93.1	93.3	93.3	93.5	93.5
GE 1200	90.2	92.0	94.1	94.6	94.8	94.8	95.1	95.1
GE 1000	90.2	92.7	94.4	95.1	95.4	95.4	95.6	95.6
GE 900	90.3	92.8	94.5	95.2	95.6	95.6	95.8	95.8
GE 800	90.5	92.9	94.8	95.5	96.0	96.0	96.2	96.2
GE 700	90.6	92.7	95.1	95.7	96.3	96.3	96.5	96.5
GE 600	90.9	92.8	95.5	96.1	97.0	97.0	97.2	97.2
GE 500	91.2	93.1	95.8	96.5	97.5	97.6	97.7	97.8
GE 400	91.4	93.2	96.0	96.7	98.1	98.3	98.4	98.5
GE 300	91.8	93.2	96.0	96.8	98.3	98.5	98.7	98.9
GE 200	91.8	93.2	96.0	96.8	98.3	98.5	98.9	99.2
GE 100	91.8	93.2	96.0	96.8	98.3	98.5	98.9	99.2
GE 000	91.8	93.2	96.0	96.8	98.3	98.5	98.9	99.2

TOTAL NUMBER OF OBSERVATIONS 930

...TAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...ROM HOURLY OBSERVATIONS

...AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAY HOURS: 21-23

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES

GE 2 1/2	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
59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
86.7	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
88.2	88.2	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
89.2	89.2	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
91.8	91.8	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
92.2	92.2	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
93.3	93.3	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
94.8	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
95.4	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
95.6	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
96.0	96.0	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
96.3	96.3	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
97.0	97.0	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
97.6	97.7	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
98.3	98.4	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9
98.5	98.7	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2
98.5	98.9	99.2	99.2	99.5	99.5	99.5	99.8	99.8	99.8	99.8
98.5	98.9	99.2	99.2	99.5	99.5	99.5	99.8	99.8	99.8	99.9
98.5	98.9	99.2	99.2	99.5	99.5	99.5	99.8	99.8	99.8	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible]: INNER AFS OK PERIOD OF RECORD: MAR 79 - FEB 89
[illegible]: + 5 MONTH: MAY HOURS: ALL

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES											
	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
[illegible]	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2
[illegible]	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4
[illegible]	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.7
[illegible]	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8
[illegible]	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2
[illegible]	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
[illegible]	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
[illegible]	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
[illegible]	71.0	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2
[illegible]	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
[illegible]	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2
[illegible]	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5
[illegible]	75.5	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
[illegible]	79.4	79.5	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
[illegible]	80.7	80.8	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
[illegible]	83.2	83.3	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5
[illegible]	85.4	85.5	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.8	85.8
[illegible]	88.0	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
[illegible]	89.6	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
[illegible]	90.2	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.8
[illegible]	92.2	92.4	92.5	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
[illegible]	93.8	93.7	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
[illegible]	94.1	94.3	94.5	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7
[illegible]	95.2	95.3	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8
[illegible]	96.1	96.0	96.2	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5
[illegible]	96.8	96.8	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2
[illegible]	97.8	97.8	97.8	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
[illegible]	97.8	98.0	98.0	98.6	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0
[illegible]	97.7	98.2	98.3	98.7	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.4
[illegible]	97.7	98.2	98.9	99.0	99.1	99.4	99.4	99.4	99.5	99.5	99.6	99.6
[illegible]	97.7	98.2	98.9	99.0	99.1	99.4	99.4	99.5	99.6	99.6	99.7	99.8
[illegible]	97.7	98.2	98.9	99.0	99.1	99.4	99.4	99.5	99.6	99.6	99.7	100.0

OPERATING LOCATION NAME
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEI
FROM HOURLY OBSERVATIONS

STATION NUM : 723140 STATION NAME: TINKER AFB, OK
LST TO GTC: + 6

PERIOD
MONTH:

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
	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1	0
NO CEIL	56.0	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
20 OR HI	75.7	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
15 TO 19	75.7	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
10 TO 14	75.7	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
9 TO 10	75.7	76.6	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4
8 TO 9	75.7	76.6	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3
7 TO 8	73.7	74.7	75.7	76.1	76.2	76.2	76.2	76.2	76.2	76.2
6 TO 7	73.7	74.7	75.7	76.1	76.2	76.2	76.2	76.2	76.2	76.2
5 TO 6	73.7	74.7	75.7	76.1	76.2	76.2	76.2	76.2	76.2	76.2
4 TO 5	72.7	73.6	74.6	75.0	75.1	75.1	75.1	75.1	75.1	75.1
3 TO 4	69.8	70.7	71.7	72.1	72.2	72.2	72.2	72.2	72.2	72.2
2 1/2 TO 3	67.9	68.8	69.8	70.2	70.3	70.3	70.3	70.3	70.3	70.3
2 TO 2 1/2	64.2	65.1	66.1	66.5	66.6	66.6	66.6	66.6	66.6	66.6
1 1/2 TO 1 3/4	61.4	62.3	63.3	63.7	63.8	63.8	63.8	63.8	63.8	63.8
1 1/4 TO 1 1/2	59.5	60.4	61.4	61.8	61.9	61.9	61.9	61.9	61.9	61.9
1 TO 1 1/4	57.6	58.5	59.5	59.9	60.0	60.0	60.0	60.0	60.0	60.0
0 TO 1	56.0	56.9	57.9	58.3	58.4	58.4	58.4	58.4	58.4	58.4
7 OR LESS	56.0	56.9	57.9	58.3	58.4	58.4	58.4	58.4	58.4	58.4
6 OR LESS	56.0	56.9	57.9	58.3	58.4	58.4	58.4	58.4	58.4	58.4
5 OR LESS	56.0	56.9	57.9	58.3	58.4	58.4	58.4	58.4	58.4	58.4
4 OR LESS	55.9	56.8	57.8	58.2	58.3	58.3	58.3	58.3	58.3	58.3
3 OR LESS	55.8	56.7	57.7	58.1	58.2	58.2	58.2	58.2	58.2	58.2
2 OR LESS	55.6	56.5	57.5	57.9	58.0	58.0	58.0	58.0	58.0	58.0
1 OR LESS	55.4	56.3	57.3	57.7	57.8	57.8	57.8	57.8	57.8	57.8
0 OR LESS	55.4	56.3	57.3	57.7	57.8	57.8	57.8	57.8	57.8	57.8

TOTAL NUMBER OF OBSERVATIONS 900

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUN HOURS: 00-02

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	5/8	1/2	3/8	1/4	0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	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
15	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
10	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
7	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
5	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
4	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
3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
1 1/2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
1	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
3/4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
1/2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
[illegible]	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
[illegible]	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
[illegible]	[illegible]	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
[illegible]	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
[illegible]	[illegible]	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
[illegible]	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
[illegible]	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
[illegible]	[illegible]	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
[illegible]	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
[illegible]	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
[illegible]	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
[illegible]	[illegible]	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
[illegible]	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
[illegible]	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
[illegible]	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
[illegible]	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
[illegible]	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
FROM MONTHLY OBSERVATIONS

STATION NUM BER: 723640 STATION NAME: TINKER AFB OK PERIOD O
LST TO UTC: + 6 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
NO CEIL	54.4	56.3	60.3	62.1	62.3	62.3	62.3	62.3	62.3	62.4
22000	56.7	57.3	59.2	59.5	61.7	59.7	59.9	59.9	59.9	70.7
18000	56.3	57.4	59.3	69.7	70.0	70.0	70.0	70.0	70.0	70.1
15000	56.7	57.4	59.3	69.7	70.0	70.0	70.0	70.0	70.0	70.1
14000	57.1	58.2	69.1	70.4	70.8	70.8	70.8	70.8	70.8	70.9
12000	57.5	58.7	69.5	70.8	71.2	71.2	71.2	71.2	71.2	71.3
10000	72.5	73.5	74.9	74.8	76.7	76.7	76.7	76.7	76.7	76.8
9000	72.5	73.5	75.1	75.3	76.9	76.9	76.9	76.9	76.9	77.0
8000	74.7	75.9	77.2	76.7	78.1	78.1	78.1	78.1	78.1	78.2
7000	75.3	77.1	78.4	80.3	80.4	80.4	80.4	80.4	80.4	80.5
6000	75.3	77.4	78.6	80.3	80.5	80.5	80.5	80.5	80.5	80.6
5000	77.4	79.7	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.1
4500	78.6	79.4	81.1	82.0	83.2	83.2	83.2	83.2	83.2	83.3
4000	81.6	83.3	84.9	86.9	87.0	87.0	87.1	87.1	87.1	87.2
3500	82.2	84.1	85.4	88.2	88.7	88.7	88.8	88.8	88.8	88.9
3000	82.7	84.1	87.1	89.3	89.5	89.6	89.7	89.7	89.7	89.8
2500	83.1	84.8	87.9	89.7	90.2	90.2	90.3	90.3	90.3	90.4
2000	84.3	85.7	89.0	91.0	91.6	91.6	91.7	91.7	91.7	91.8
1800	84.7	87.3	89.4	91.4	92.0	92.0	92.1	92.1	92.1	92.2
1500	84.7	87.6	89.7	91.8	92.4	92.4	92.5	92.5	92.5	92.7
1200	85.3	88.1	91.2	93.3	94.0	94.0	94.1	94.1	94.1	94.2
1000	85.9	89.2	91.3	93.5	94.2	94.2	94.3	94.4	94.4	94.5
900	86.4	89.4	91.5	93.6	94.4	94.4	94.5	94.7	94.7	94.8
800	86.4	89.4	91.7	93.9	94.5	94.7	94.8	94.9	94.9	95.0
700	86.7	89.7	91.9	94.1	94.9	95.0	95.1	95.2	95.2	95.3
600	86.9	89.9	92.2	94.5	95.4	95.5	95.7	95.8	95.8	95.9
500	88.4	90.5	93.1	95.9	97.0	97.3	97.4	97.5	97.5	97.6
400	88.9	90.7	93.2	96.1	97.2	97.6	97.7	97.9	97.9	98.1
300	88.9	90.7	93.2	96.2	97.4	97.8	97.9	98.4	98.4	98.5
200	88.9	90.7	93.2	96.2	97.4	97.8	98.0	98.5	98.7	98.8
100	88.9	90.7	93.2	96.2	97.6	97.9	98.1	98.7	98.9	99.2
0	88.9	90.7	93.2	96.2	97.6	97.9	98.1	98.7	98.9	99.2

TOTAL NUMBER OF OBSERVATIONS 900

CENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

INGS AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUN HOURS: 03-05

	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	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
	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
	80.4	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6
	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
	89.4	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
	92.4	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
	94.4	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
	95.0	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
	95.6	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
	97.3	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	97.6	97.7	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
	97.8	97.9	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	97.8	98.0	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	97.9	98.1	98.7	98.8	99.2	99.3	99.3	99.6	99.6	99.8	99.8
	97.9	98.1	98.7	98.8	99.2	99.4	99.4	99.7	99.7	99.9	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 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	52.9	54.0	55.0	55.7	55.9	56.0	56.0	56.0	56.0	56.0
GE 20000	61.1	62.2	63.2	64.0	64.3	64.4	64.5	64.5	64.5	64.5
GE 18000	61.4	62.5	63.5	64.3	64.7	64.8	64.9	64.9	64.9	64.9
GE 16000	61.5	62.7	63.7	64.4	64.8	64.9	65.0	65.0	65.0	65.0
GE 14000	61.9	63.1	64.0	64.8	65.1	65.2	65.3	65.3	65.3	65.3
GE 12000	63.6	64.7	65.7	66.4	67.0	67.1	67.2	67.2	67.2	67.2
GE 10000	70.1	71.5	72.5	73.5	74.2	74.3	74.4	74.4	74.4	74.4
GE 9000	70.7	72.2	73.4	74.2	74.9	75.0	75.1	75.1	75.1	75.1
GE 8000	73.6	75.2	76.4	77.2	77.9	78.0	78.1	78.1	78.1	78.1
GE 7000	75.9	77.3	78.5	79.4	79.4	79.8	79.9	79.9	79.9	79.9
GE 6000	76.9	78.2	79.1	79.9	80.6	80.9	81.0	81.0	81.0	81.0
GE 5000	77.9	79.1	80.3	81.2	81.9	82.2	82.3	82.3	82.3	82.3
GE 4500	77.9	79.1	80.1	82.0	82.7	83.0	83.1	83.1	83.1	83.1
GE 4000	81.1	83.1	84.4	85.5	86.2	86.5	86.7	86.7	86.7	86.7
GE 3500	81.3	83.4	86.1	86.8	87.0	87.3	87.4	87.4	87.4	87.4
GE 3000	82.1	84.2	86.7	87.6	87.9	88.1	88.2	88.2	88.2	88.2
GE 2500	82.7	84.7	86.2	87.7	88.4	88.6	88.8	88.9	88.9	88.9
GE 2000	83.4	85.7	87.1	88.7	89.4	89.6	89.8	89.9	89.9	89.9
GE 1500	83.9	86.1	87.5	89.1	89.9	90.2	90.3	90.3	90.3	90.3
GE 1000	84.6	87.1	88.5	90.1	90.9	91.2	91.3	91.3	91.3	91.3
GE 1200	85.0	88.2	89.9	91.4	92.2	92.6	92.7	92.7	92.7	92.7
GE 1000	86.4	89.6	90.4	92.1	92.9	93.3	93.4	93.4	93.4	93.4
GE 900	86.7	89.2	90.7	92.4	93.3	93.8	93.9	93.9	93.9	93.9
GE 800	87.2	89.7	91.4	93.1	94.2	94.7	94.8	94.8	94.8	94.8
GE 700	87.6	89.9	91.7	93.3	94.6	95.0	95.3	95.4	95.4	95.4
GE 600	87.7	90.3	92.1	93.4	95.2	95.8	96.1	96.2	96.2	96.2
GE 500	88.3	90.6	92.4	94.3	96.9	96.4	96.8	97.2	97.2	97.2
GE 400	88.3	90.6	92.4	94.3	96.0	96.7	97.1	97.5	97.5	97.5
GE 300	88.3	90.6	92.4	94.4	96.3	97.0	97.5	98.0	98.0	98.0
GE 200	88.3	90.6	92.4	94.4	96.3	97.0	97.7	98.2	98.2	98.2
GE 100	88.3	90.6	92.4	94.4	96.3	97.0	97.7	98.2	98.2	98.2
GE 000	88.3	90.6	92.4	94.4	96.3	97.0	97.7	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 900

TAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ER AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUN HOURS: 06-08

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	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
	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.2
	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.8
	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.1
	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.2
	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.6
	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.4
	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.7	74.8
	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.4
	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.3	78.4
	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.1	80.2
	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.2	81.3
	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.6	82.7
	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.3	83.4
	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.9	87.0
	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.7	87.8
	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4	88.6
	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.1	89.2
	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.1	90.2
	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.6	90.7
	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.6	91.7
	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9	93.0
	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.7	93.8
	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.1	94.2
	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0	95.1
	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.7	95.8
	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.4	96.6
	96.4	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.6
	96.7	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.9
	97.0	97.6	98.0	98.0	98.6	98.7	98.7	98.7	98.7	98.9	99.0
	97.0	97.7	98.2	98.2	99.0	99.1	99.1	99.1	99.1	99.3	99.6
	97.0	97.7	98.2	98.2	99.0	99.1	99.1	99.2	99.2	99.8	100.0
	97.0	97.7	98.2	98.2	99.0	99.1	99.1	99.2	99.2	99.8	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERI
LST TO UTC: + 6 MONTH

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	57.0	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 20000	66.3	66.6	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 18000	67.0	67.4	68.1	68.2	68.2	68.2	68.2	68.2	68.2
GE 16000	67.2	67.7	68.3	68.4	68.4	68.4	68.4	68.4	68.4
GE 14000	67.6	68.0	68.7	68.9	68.9	68.9	68.9	68.9	68.9
GE 12000	69.4	70.0	70.7	70.9	70.9	70.9	70.9	70.9	70.9
GE 10000	73.4	74.3	75.0	75.2	75.2	75.2	75.2	75.2	75.2
GE 9000	74.0	74.9	75.2	75.4	75.4	75.4	75.4	75.4	75.4
GE 8000	77.0	78.4	79.2	79.4	79.5	79.5	79.5	79.5	79.5
GE 7000	79.5	80.1	80.9	81.1	81.2	81.2	81.2	81.2	81.2
GE 6000	80.2	80.9	81.6	81.8	81.9	81.9	81.9	81.9	81.9
GE 5000	81.6	82.2	83.0	83.2	83.3	83.3	83.3	83.3	83.3
GE 4500	81.9	82.6	83.3	83.5	83.7	83.7	83.7	83.7	83.7
GE 4000	84.0	85.4	86.2	86.7	86.9	86.9	86.9	86.9	86.9
GE 3500	85.4	86.1	86.9	87.3	87.4	87.4	87.4	87.4	87.4
GE 3000	87.1	87.9	88.6	89.0	89.1	89.1	89.2	89.2	89.2
GE 2500	88.3	89.1	89.9	90.3	90.4	90.4	90.5	90.5	90.5
GE 2000	89.4	90.3	91.1	91.6	91.7	91.8	91.9	91.9	91.9
GE 1800	90.1	91.0	91.8	92.2	92.3	92.4	92.5	92.5	92.5
GE 1500	91.2	92.0	93.7	94.3	94.4	94.6	94.7	94.7	94.7
GE 1200	93.6	94.6	95.7	96.3	96.4	96.6	96.8	96.8	96.8
GE 1000	94.2	95.6	96.7	97.4	97.6	97.7	97.9	97.9	97.9
GE 900	94.4	95.8	96.9	97.7	97.8	97.9	98.1	98.1	98.1
GE 800	94.6	96.1	97.3	98.1	98.2	98.3	98.5	98.5	98.5
GE 700	94.7	96.2	97.4	98.2	98.4	98.6	98.9	98.9	98.9
GE 600	94.9	96.4	97.7	98.4	98.7	98.8	99.1	99.1	99.1
GE 500	95.0	96.6	97.8	98.7	99.0	99.1	99.4	99.4	99.4
GE 400	95.0	96.6	97.8	98.7	99.0	99.2	99.6	99.6	99.6
GE 300	95.1	96.7	97.9	98.8	99.2	99.4	99.8	99.8	99.8
GE 200	95.1	96.7	97.9	98.8	99.2	99.4	99.8	99.9	100.0
GE 100	95.1	96.7	97.9	98.8	99.2	99.4	99.8	99.9	100.0
GE 000	95.1	96.7	97.9	98.8	99.2	99.4	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

CENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

INKER AFB OK PERIOD OF RECORD: MAR 79 - FEB 87
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	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
1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
[illegible]	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
[illegible]	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
[illegible]	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
[illegible]	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
[illegible]	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
[illegible]	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
[illegible]	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
[illegible]	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
[illegible]	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
[illegible]	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
[illegible]	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
[illegible]	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
[illegible]	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
[illegible]	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
[illegible]	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
[illegible]	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
[illegible]	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
[illegible]	92.4	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6
[illegible]	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
[illegible]	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
[illegible]	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
[illegible]	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
[illegible]	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
[illegible]	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
[illegible]	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
[illegible]	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
[illegible]	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
[illegible]	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
[illegible]	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.4	99.8	99.9	99.9	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 CE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	M	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
10 CEIL	56.0	56.7	56.6	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
22 20000	56.7	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
21 18000	57.1	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
20 16000	57.2	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
19 14000	57.5	58.2	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
18 12000	70.6	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
17 10000	75.1	75.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
16 9000	75.3	75.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
15 8000	77.0	77.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
14 7000	77.2	77.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
13 6000	77.5	77.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
12 5000	78.4	78.6	80.3	80.3	80.3	80.4	80.4	80.5	80.5	80.5	80.5
11 4500	79.3	79.5	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
09 4000	84.5	85.7	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
08 3500	87.7	89.1	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
07 3000	91.1	92.9	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
06 2500	93.1	94.2	95.1	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8
05 2000	94.1	95.2	96.2	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.8
04 1500	94.3	95.4	96.4	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0
03 1000	94.3	95.4	97.2	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8
02 1200	95.1	96.4	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
01 1000	95.1	96.4	97.2	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4
00 900	95.1	96.4	97.3	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4
29 800	95.1	96.4	97.3	98.1	98.4	98.4	98.5	98.7	98.7	98.7	98.7
28 700	95.3	96.7	98.2	98.6	98.9	98.9	99.0	99.1	99.1	99.1	99.1
27 600	95.3	96.7	98.2	98.7	99.0	99.0	99.1	99.2	99.2	99.2	99.2
26 500	95.3	96.7	98.3	98.8	99.1	99.2	99.3	99.7	99.7	99.7	99.7
25 400	95.3	96.7	98.3	98.8	99.1	99.3	99.7	100.0	100.0	100.0	100.0
24 300	95.3	96.7	98.3	98.8	99.1	99.3	99.7	100.0	100.0	100.0	100.0
23 200	95.3	96.7	98.3	98.8	99.1	99.3	99.7	100.0	100.0	100.0	100.0
09 100	95.3	96.7	98.3	98.8	99.1	99.3	99.7	100.0	100.0	100.0	100.0
00 000	95.3	96.7	98.3	98.8	99.1	99.3	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

CENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TINKER AFB OK

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUN HOURS: 12-14

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	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
	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
.	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
.	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
.	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
.	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
.	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
.	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
.	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
.1	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
.1	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.1	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.1	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.1	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.1	99.3	99.7	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 C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIO
LST TO UTC: + 6 MONTH

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	57.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 20000	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 18000	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 16000	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 14000	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 12000	75.2	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 10000	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 9000	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 8000	84.0	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE 7000	84.9	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
GE 6000	85.0	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5
GE 5000	86.2	86.5	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9
GE 4500	86.9	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5
GE 4000	91.4	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2
GE 3500	93.2	93.7	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1
GE 3000	95.0	95.5	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0
GE 2500	96.7	96.4	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.3
GE 2000	96.2	97.1	97.3	97.5	97.8	97.8	97.9	97.9	97.9	97.9
GE 1800	96.3	97.2	97.4	97.7	97.9	97.9	98.0	98.0	98.0	98.0
GE 1500	96.4	97.3	97.5	97.8	98.0	98.0	98.1	98.1	98.1	98.1
GE 1200	96.3	97.7	97.9	98.1	98.3	98.3	98.4	98.4	98.4	98.4
GE 1000	96.4	97.7	97.9	98.1	98.3	98.3	98.6	98.6	98.6	98.6
GE 900	96.4	97.7	97.9	98.1	98.3	98.3	98.6	98.6	98.6	98.6
GE 800	96.9	97.8	98.0	98.2	98.4	98.4	98.7	98.7	98.7	98.7
GE 700	97.0	97.9	98.1	98.3	98.6	98.6	98.9	98.9	98.9	98.9
GE 600	97.0	97.9	98.1	98.3	98.6	98.6	98.9	98.9	98.9	98.9
GE 500	97.0	97.9	98.2	98.4	98.7	98.8	99.1	99.4	99.4	99.4
GE 400	97.0	97.9	98.3	98.6	98.8	99.0	99.3	99.7	99.7	99.7
GE 300	97.0	97.9	98.3	98.6	98.8	99.0	99.3	99.7	99.7	99.7
GE 200	97.0	97.9	98.3	98.6	98.8	99.0	99.3	99.7	99.7	99.7
GE 100	97.0	97.9	98.3	98.6	98.8	99.0	99.3	99.7	99.7	99.7
GE 000	97.0	97.9	98.3	98.6	98.8	99.0	99.3	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 900

NTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] AFB OK — PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUN HOURS: 15-17

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 3	GE 2 1/2	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
GE 22000	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 20000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 18000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 16000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 14000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 12000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 10000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 9000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 8000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 7000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 6000	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 5000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4500	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3500	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2500	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2000	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1600	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1400	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9
GE 400	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9
GE 300	99.0	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0
GE 200	99.0	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0
GE 100	99.0	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0

OPERATING LOCATION WAM
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723740 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

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	73.7	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 20000	75.7	77.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 18000	75.7	77.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 15000	75.7	77.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 14000	76.1	77.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 12000	77.6	77.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 10000	82.3	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 9000	84.3	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 8000	84.3	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 7000	89.5	89.7	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1
GE 6000	89.4	89.7	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2
GE 5000	90.4	90.8	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
GE 4500	91.4	91.8	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5
GE 4000	94.3	94.7	95.4	95.4	95.4	95.4	95.7	95.7	95.7	95.7
GE 3500	94.3	94.7	95.1	95.1	95.1	95.1	95.3	95.3	95.3	95.3
GE 3000	95.2	95.6	95.9	96.5	96.7	96.7	96.9	96.9	96.9	96.9
GE 2500	95.4	96.0	96.7	96.9	96.9	96.9	97.1	97.1	97.1	97.1
GE 2000	95.5	96.1	96.8	97.0	97.1	97.1	97.3	97.3	97.3	97.3
GE 1800	95.5	96.1	96.8	97.0	97.1	97.1	97.3	97.3	97.3	97.3
GE 1500	95.5	96.1	96.8	97.1	97.2	97.2	97.4	97.4	97.4	97.4
GE 1200	96.0	97.1	97.8	98.1	98.2	98.2	98.4	98.4	98.4	98.4
GE 1000	96.7	97.2	97.9	98.2	98.3	98.3	98.5	98.5	98.5	98.5
GE 900	96.7	97.2	97.9	98.2	98.3	98.3	98.5	98.5	98.5	98.5
GE 800	97.0	97.6	98.2	98.5	98.7	98.7	98.9	98.9	98.9	98.9
GE 700	97.1	97.7	98.3	98.7	98.8	98.8	99.1	99.1	99.1	99.1
GE 600	97.1	97.7	98.3	98.7	98.8	98.8	99.1	99.1	99.1	99.1
GE 500	97.1	97.7	98.3	98.7	98.8	98.8	99.1	99.1	99.1	99.1
GE 400	97.1	97.7	98.4	98.8	98.9	98.9	99.3	99.3	99.3	99.3
GE 300	97.1	97.8	98.4	98.8	99.0	99.0	99.5	99.5	99.5	99.5
GE 200	97.1	97.8	98.4	98.8	99.0	99.0	99.6	99.6	99.6	100.0
GE 100	97.1	97.8	98.4	98.8	99.0	99.0	99.6	99.6	99.6	100.0
GE 000	97.1	97.8	98.4	98.8	99.0	99.0	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

NTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] AFB, TX PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUN HOURS: 13-20

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES: GE 2 1/2	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
	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
	97.2	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	99.2	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	99.3	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	99.3	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.3	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.3	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION: "AM"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE BE
FROM HOURLY OBSERVATI

STATION NUMBER: 723360 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

CEILING IN FEET	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	87.0	87.0	88.1	88.3	88.4	88.5	88.6	88.8	88.8	88
GE 20000	77.7	77.7	79.0	79.3	79.6	79.8	79.9	79.6	79.9	79
GE 15000	77.9	77.9	79.3	79.6	79.9	80.1	80.2	80.4	80.4	80
GE 14000	78.0	78.0	79.4	79.7	80.0	80.2	80.3	80.5	80.5	80
GE 13000	78.2	78.2	79.6	79.9	80.2	80.4	80.5	80.7	80.7	80
GE 12000	80.4	80.4	81.8	82.1	82.4	82.6	82.7	82.9	82.9	82
GE 10000	84.3	84.3	85.8	86.2	86.5	86.7	86.8	87.0	87.0	87
GE 9000	84.7	84.7	86.2	86.6	86.9	87.1	87.2	87.4	87.4	87
GE 8000	86.4	86.4	87.8	88.2	88.5	88.7	88.8	89.0	89.0	89
GE 7000	87.2	87.2	88.7	89.1	89.4	89.6	89.7	89.9	89.9	89
GE 6000	87.2	87.2	88.7	89.1	89.4	89.6	89.7	89.9	89.9	89
GE 5000	90.1	90.1	91.6	92.0	92.3	92.5	92.6	92.8	92.8	92
GE 4500	90.3	90.3	91.8	92.2	92.5	92.7	92.8	93.0	93.0	93
GE 4000	92.3	92.3	93.8	94.2	94.5	94.7	94.8	95.0	95.0	95
GE 3500	93.1	93.1	94.6	95.0	95.3	95.5	95.6	95.8	95.8	95
GE 3000	94.1	94.1	95.6	96.0	96.3	96.5	96.6	96.8	96.8	96
GE 2500	96.0	96.1	97.6	98.0	98.3	98.5	98.6	98.8	98.8	98
GE 2000	96.3	96.3	97.8	98.2	98.5	98.7	98.8	99.0	99.0	99
GE 1800	96.3	96.3	97.8	98.2	98.5	98.7	98.8	99.0	99.0	99
GE 1500	96.2	96.4	97.9	98.3	98.6	98.8	98.9	99.1	99.1	99
GE 1200	96.5	96.7	98.2	98.6	98.9	99.1	99.2	99.4	99.4	99
GE 1000	96.5	96.7	98.2	98.6	98.9	99.1	99.2	99.4	99.4	99
GE 900	96.5	96.7	98.2	98.6	98.9	99.1	99.2	99.4	99.4	99
GE 800	96.7	96.9	98.4	98.8	99.1	99.3	99.4	99.6	99.6	99
GE 700	96.7	96.9	98.4	98.8	99.1	99.3	99.4	99.6	99.6	99
GE 600	96.8	97.0	98.5	98.9	99.2	99.4	99.5	99.7	99.7	99
GE 500	96.8	97.0	98.5	98.9	99.2	99.4	99.5	99.7	99.7	99
GE 400	96.8	97.0	98.5	98.9	99.2	99.4	99.5	99.7	99.7	99
GE 300	96.8	97.0	98.5	98.9	99.2	99.4	99.5	99.7	99.7	99
GE 200	96.8	97.0	98.5	98.9	99.2	99.4	99.5	99.7	99.7	99
GE 100	96.8	97.0	98.5	98.9	99.2	99.4	99.5	99.7	99.7	100
GE 000	96.8	97.0	98.5	98.9	99.2	99.4	99.5	99.7	99.7	100

TOTAL NUMBER OF OBSERVATIONS 909

...AGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible]

PERIOD OF RECORD: MAR 79 - FEB 8?
MONTH: JUN HOURS: 21-23

...IBILITY IN STATUTE MILES

GE [illegible] 1/2	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
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.8	65.5	66.8	68.3	68.9	68.8
[illegible]	79.5	79.6	79.5	79.6	79.6	79.6	79.6	79.5	79.5	79.5
[illegible]	[illegible]	[illegible]	[illegible]	79.8	79.8	79.8	79.8	79.8	79.8	79.8
[illegible]	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
[illegible]	[illegible]	79.8	[illegible]	79.8	79.8	79.8	79.8	79.8	79.8	79.8
[illegible]	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
[illegible]	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
[illegible]	85.5	85.5	85.5	[illegible]	85.5	85.5	85.5	85.5	85.5	85.5
[illegible]	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
[illegible]	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
[illegible]	[illegible]	89.1	88.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
[illegible]	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
[illegible]	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
[illegible]	94.8	[illegible]	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
[illegible]	[illegible]	[illegible]	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
[illegible]	[illegible]	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
[illegible]	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
[illegible]	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
[illegible]	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
[illegible]	[illegible]	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
[illegible]	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.8	98.8	98.8	[illegible]	98.8	98.8
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.9	98.9	[illegible]	98.9	98.9
[illegible]	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
[illegible]	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
[illegible]	[illegible]	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
[illegible]	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
[illegible]	[illegible]	99.6	99.6	[illegible]	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	[illegible]	99.7	99.7	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 C I
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

MONTH:

CEILING IN FEET	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
					VISIBILITY IN STATUTE MILES					
NO CEIL	59.3	60.4	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.4
[illegible]	73.4	73.4	71.6	71.7	72.0	72.0	72.0	72.0	72.0	72.
[illegible]	73.7	71.2	71.5	72.1	72.2	72.2	72.2	72.2	72.2	72.2
[illegible]	73.7	71.2	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.
[illegible]	71.2	71.5	72.2	72.5	72.5	72.6	72.6	72.6	72.6	72.
[illegible]	72.6	73.2	73.5	74.1	74.2	74.3	74.3	74.3	74.3	74.3
[illegible]	77.5	7 .2	7 .3	79.3	79.4	79.4	79.5	79.5	79.5	79.5
[illegible]	7 .7	7 .7	79.4	79.5	79.7	79.8	79.8	79.8	79.8	79.
[illegible]	[illegible]	81.7	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.
[illegible]	81.5	83.2	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7
[illegible]	1.7	[illegible]	83.6	83.	83.9	84.0	84.0	84.0	84.0	84.0
[illegible]	[illegible]	85.3	85.5	85.7	85.1	86.1	86.2	86.2	86.2	86.2
[illegible]	4 .5	85.5	85.8	85.	85.9	86.0	86.0	86.0	86.0	86.0
[illegible]	87.6	87.4	87.8	87.8	87.9	88.1	88.1	88.1	88.1	88.1
[illegible]	89.9	89.6	90.1	91.1	91.3	91.3	91.4	91.4	91.4	91.4
[illegible]	90.3	90.7	91.1	92.4	92.7	92.7	92.8	92.8	92.8	92.8
[illegible]	[illegible]	91.3	92.3	93.1	93.1	93.2	93.3	93.3	93.	93.
[illegible]	91.2	92.4	93.3	94.3	94.3	94.3	94.4	94.4	94.4	94.
[illegible]	91.4	92.7	93.3	94.3	94.4	94.4	94.5	94.5	94.5	94.5
[illegible]	91.9	93.2	94.4	95.2	95.3	95.5	95.7	95.7	95.7	95.7
[illegible]	92.1	93.1	95.2	95.7	95.8	95.9	95.9	95.9	95.9	95.9
[illegible]	94.0	94.4	95.6	96.5	96.7	96.9	97.2	97.1	97.1	97.1
[illegible]	93.1	94.5	95.7	96.5	96.9	97.0	97.2	97.2	97.2	97.3
[illegible]	93.2	94.5	95.9	96.9	97.2	97.3	97.5	97.6	97.6	97.6
[illegible]	93.4	94.7	96.2	97.1	97.5	97.7	97.9	98.0	98.0	98.0
[illegible]	93.5	95.0	96.3	97.3	97.6	97.9	98.1	98.2	98.2	98.2
[illegible]	93.6	95.1	96.5	97.7	98.2	98.3	98.5	98.6	98.6	98.7
[illegible]	93.6	95.2	96.7	97.8	98.3	98.5	98.8	99.0	99.0	99.1
[illegible]	93.6	95.2	96.7	97.8	98.4	98.7	99.0	99.2	99.3	99.4
[illegible]	93.6	95.2	96.7	97.8	98.4	98.7	99.1	99.3	99.4	99.5
[illegible]	93.6	95.2	96.7	97.8	98.4	98.7	99.1	99.4	99.4	99.7

TOTAL NUMBER OF OBSERVATIONS 7200

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] OF PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUN HOURS: ALL

CEILING 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
[illegible]	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
[illegible]	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
[illegible]	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
[illegible]	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
[illegible]	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7
[illegible]	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
[illegible]	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
[illegible]	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
[illegible]	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
[illegible]	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
[illegible]	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1
[illegible]	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
[illegible]	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1
[illegible]	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2
[illegible]	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
[illegible]	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.5
[illegible]	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
[illegible]	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.5
[illegible]	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
[illegible]	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8
[illegible]	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8
[illegible]	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2
[illegible]	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
[illegible]	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
[illegible]	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
[illegible]	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
[illegible]	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
[illegible]	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2
[illegible]	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6
[illegible]	99.3	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
[illegible]	99.4	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.9	99.9
[illegible]	99.4	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.9	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

CEILING IN FEET	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	75.5	77.0	79.4	80.5	80.5	80.5	80.5	80.5	81.5
GE 20000	82.1	84.5	85.5	86.7	86.7	86.7	86.8	86.8	86.8
GE 18000	82.4	84.8	85.8	87.0	87.0	87.0	87.1	87.1	87.1
GE 16000	82.4	84.8	85.8	87.0	87.0	87.0	87.1	87.1	87.1
GE 14000	83.0	85.3	86.3	87.5	87.5	87.6	87.7	87.7	87.7
GE 12000	84.2	86.4	87.5	88.8	88.8	88.9	89.0	89.0	89.0
GE 10000	89.1	91.1	92.2	93.3	93.3	93.4	93.4	93.4	93.4
GE 9000	89.1	91.1	92.2	93.3	93.3	93.3	93.4	93.4	93.4
GE 8000	90.0	92.1	93.2	94.3	94.5	94.5	94.7	94.7	94.7
GE 7000	92.3	94.3	95.4	96.7	96.8	96.8	96.9	96.9	96.9
GE 6000	92.6	94.6	95.7	96.9	96.9	96.9	97.0	97.0	97.0
GE 5000	93.2	95.2	96.3	97.5	97.5	97.5	97.6	97.6	97.6
GE 4500	93.2	95.3	96.4	97.6	97.6	97.6	97.7	97.7	97.7
GE 4000	93.5	95.5	96.6	97.8	97.8	97.8	97.9	97.9	97.9
GE 3500	93.6	95.6	96.7	97.9	97.9	97.9	98.0	98.0	98.0
GE 3000	93.8	95.8	96.9	98.1	98.1	98.1	98.2	98.2	98.2
GE 2500	93.8	95.8	96.9	98.1	98.1	98.1	98.2	98.2	98.2
GE 2200	93.8	95.8	96.9	98.1	98.1	98.1	98.2	98.2	98.2
GE 2000	93.8	95.8	96.9	98.1	98.1	98.1	98.2	98.2	98.2
GE 1800	93.8	95.8	96.9	98.1	98.1	98.1	98.2	98.2	98.2
GE 1600	93.8	95.8	96.9	98.1	98.1	98.1	98.2	98.2	98.2
GE 1400	93.8	95.8	96.9	98.1	98.1	98.1	98.2	98.2	98.2
GE 1200	93.8	95.8	96.9	98.1	98.1	98.1	98.2	98.2	98.2
GE 1000	93.8	95.8	96.9	98.1	98.1	98.1	98.2	98.2	98.2
GE 900	93.8	95.8	96.9	98.1	98.1	98.1	98.2	98.2	98.2
GE 800	93.8	95.8	96.9	98.1	98.1	98.1	98.2	98.2	98.2
GE 700	93.8	95.8	96.9	98.1	98.1	98.1	98.2	98.2	98.2
GE 600	93.8	95.8	96.9	98.1	98.1	98.1	98.2	98.2	98.2
GE 500	93.8	95.8	96.9	98.1	98.1	98.1	98.2	98.2	98.2
GE 400	93.8	95.8	96.9	98.1	98.1	98.1	98.2	98.2	98.2
GE 300	93.8	95.8	96.9	98.1	98.1	98.1	98.2	98.2	98.2
GE 200	93.8	95.8	96.9	98.1	98.1	98.1	98.2	98.2	98.2
GE 100	93.8	95.8	96.9	98.1	98.1	98.1	98.2	98.2	98.2
GE 000	93.8	95.8	96.9	98.1	98.1	98.1	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 930

CENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUL HOURS: 00-02

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	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
GE 0	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 1	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 6	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 7	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 8	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 9	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 10	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 11	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 12	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 13	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 14	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 15	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 16	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 17	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 18	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 19	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 20	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 21	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 22	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 23	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 24	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 25	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 26	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 27	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 28	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 29	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30	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 OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIO
LST TO UTC: + 6 MONTH

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	71.3	72.9	74.3	74.5	74.6	74.7	74.7	74.7	74.7	74.7
GE 20000	78.2	79.8	81.6	82.4	82.5	82.6	82.6	82.6	82.6	82.6
GE 18000	78.2	79.8	81.6	82.4	82.5	82.6	82.6	82.6	82.6	82.6
GE 16000	78.2	79.8	81.6	82.4	82.5	82.6	82.6	82.6	82.6	82.6
GE 14000	78.3	79.9	81.7	82.5	82.6	82.7	82.7	82.7	82.7	82.7
GE 12000	79.9	81.5	83.3	84.1	84.2	84.3	84.3	84.3	84.3	84.3
GE 10000	85.3	87.1	88.9	89.7	89.8	89.9	89.9	89.9	89.9	89.9
GE 9000	85.4	87.2	89.0	89.8	89.9	90.0	90.0	90.0	90.0	90.1
GE 8000	87.2	89.0	91.2	92.0	92.2	92.3	92.3	92.3	92.3	92.3
GE 7000	87.2	89.4	91.5	92.4	92.5	92.6	92.6	92.6	92.6	92.6
GE 6000	87.3	89.5	91.6	92.5	92.6	92.7	92.7	92.7	92.7	92.7
GE 5000	87.7	89.9	92.0	92.9	93.0	93.1	93.1	93.1	93.1	93.1
GE 4500	88.2	90.3	92.5	93.3	93.4	93.5	93.5	93.5	93.5	93.5
GE 4000	90.2	92.2	94.3	95.2	95.3	95.4	95.4	95.4	95.4	95.4
GE 3500	90.3	92.5	94.7	95.5	95.7	95.8	95.9	95.9	95.9	95.9
GE 3000	90.4	92.6	94.8	95.7	95.9	96.0	96.0	96.0	96.0	96.0
GE 2500	90.6	92.7	94.9	95.8	96.1	96.2	96.2	96.2	96.2	96.2
GE 2000	90.8	92.9	95.2	96.0	96.3	96.5	96.5	96.5	96.5	96.5
GE 1800	90.9	93.0	95.3	96.1	96.5	96.6	96.6	96.6	96.6	96.6
GE 1600	91.2	93.3	95.6	96.5	96.8	96.9	96.9	96.9	96.9	96.9
GE 1200	91.6	93.6	96.0	96.9	97.2	97.3	97.3	97.3	97.3	97.3
GE 1000	91.9	94.1	96.3	97.2	97.5	97.5	97.6	97.6	97.7	97.7
GE 900	92.0	94.2	96.4	97.3	97.6	97.7	97.8	97.8	97.8	97.8
GE 800	92.2	94.3	97.1	98.0	98.3	98.4	98.4	98.4	98.5	98.5
GE 700	93.0	95.2	97.4	98.3	98.6	98.7	98.7	98.7	98.8	98.8
GE 600	93.0	95.2	97.4	98.3	98.9	99.0	99.0	99.0	99.1	99.1
GE 500	93.2	95.5	97.7	98.6	99.2	99.4	99.4	99.4	99.5	99.5
GE 400	93.3	95.5	97.7	98.6	99.4	99.5	99.5	99.6	99.7	99.7
GE 300	93.3	95.5	97.7	98.7	99.5	99.6	99.6	99.7	99.8	99.8
GE 200	93.3	95.5	97.7	98.7	99.5	99.6	99.6	99.7	99.8	99.8
GE 100	93.3	95.5	97.7	98.7	99.5	99.6	99.6	99.7	99.8	99.8
GE 000	93.3	95.5	97.7	98.7	99.5	99.6	99.6	99.7	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

...TAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

...R AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUL HOURS: 03-05

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	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
GE 22	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 20	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 18	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 16	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 14	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 12	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 10	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 7	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 5	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2 1/2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1 1/2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1 1/4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 3/4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 5/8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1/2	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 3/8	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5
GE 1/4	98.4	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6
GE 0	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
	99.9	99.9	99.9	99.9	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 C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

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	65.4	69.5	69.9	70.1	70.6	70.8	70.8	70.8	70.8	70.
20000	71.5	74.7	76.1	76.6	77.1	77.3	77.3	77.4	77.4	77.4
18000	71.5	74.7	76.2	76.7	77.2	77.4	77.4	77.4	77.4	77.4
15000	71.5	74.7	76.2	76.7	77.2	77.4	77.4	77.4	77.4	77.4
14000	71.5	75.1	76.2	77.2	77.7	78.0	78.0	78.0	78.0	78.0
12000	73.5	76.7	78.5	79.2	79.5	79.8	79.9	79.9	79.9	79.9
10000	74.5	81.0	83.0	84.0	84.5	85.2	85.2	85.2	85.2	85.2
9000	79.3	82.4	84.1	84.8	85.1	85.7	85.7	85.7	85.7	85.7
8000	81.2	84.7	86.5	87.0	87.5	88.2	88.2	88.2	88.2	88.2
7000	81.3	84.8	86.6	87.2	87.7	88.4	88.4	88.4	88.4	88.4
6000	81.3	84.8	86.9	87.3	87.8	88.5	88.5	88.5	88.5	88.5
5000	82.6	86.0	88.0	88.4	89.0	89.6	89.6	89.6	89.6	89.6
4500	82.6	86.1	88.2	88.6	89.1	89.7	89.7	89.7	89.7	89.7
4000	84.7	88.5	90.5	91.1	91.6	92.3	92.3	92.3	92.3	92.3
3500	85.2	89.0	91.0	91.4	91.9	92.6	92.6	92.6	92.6	92.6
3000	85.4	89.2	91.3	91.7	92.3	92.9	92.9	92.9	92.9	92.9
2500	88.9	92.6	94.8	95.3	95.8	96.4	96.4	96.4	96.4	96.4
2000	89.4	93.0	95.3	95.8	96.2	96.8	96.8	96.8	96.8	96.8
1800	89.6	93.2	95.5	96.0	96.5	97.2	97.2	97.2	97.2	97.2
1500	89.6	93.4	95.7	96.2	96.7	97.4	97.5	97.5	97.5	97.5
1200	89.8	93.6	95.9	96.4	96.9	97.6	97.7	97.7	97.7	97.7
1000	89.9	93.8	96.0	96.5	97.0	97.7	97.8	97.8	97.8	97.8
900	89.9	93.8	96.0	96.5	97.0	97.7	97.8	97.8	97.8	97.8
800	89.7	93.4	96.1	96.7	97.2	98.0	98.1	98.1	98.1	98.1
700	89.7	93.4	96.1	96.7	97.3	98.1	98.3	98.3	98.3	98.3
600	90.1	93.9	96.6	97.1	97.7	98.5	98.7	98.7	98.7	98.7
500	90.4	94.2	96.9	97.5	98.3	99.0	99.4	99.4	99.4	99.4
400	90.6	94.4	97.1	97.7	98.5	99.4	99.8	99.8	99.8	100.0
300	90.6	94.4	97.1	97.7	98.5	99.4	99.8	99.8	99.8	100.0
200	90.6	94.4	97.1	97.7	98.5	99.4	99.8	99.8	99.8	100.0
100	90.6	94.4	97.1	97.7	98.5	99.4	99.8	99.8	99.8	100.0
000	90.6	94.4	97.1	97.7	98.5	99.4	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GF FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUL HOURS: 06-09

CEILING 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
[illegible]	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
[illegible]	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
[illegible]	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
[illegible]	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
[illegible]	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
[illegible]	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
[illegible]	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
[illegible]	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
[illegible]	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
[illegible]	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
[illegible]	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
[illegible]	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
[illegible]	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
[illegible]	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
[illegible]	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
[illegible]	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
[illegible]	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
[illegible]	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
[illegible]	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
[illegible]	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
[illegible]	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
[illegible]	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
[illegible]	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
[illegible]	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
[illegible]	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
[illegible]	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
[illegible]	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
[illegible]	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.8	99.8	99.8	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 C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

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	70.4	72.3	72.4	7.	72.5	72.5	72.5	72.5	72.5	72.5
GE 20000	77.7	79.3	80.1	80.1	80.4	80.6	80.6	80.6	80.6	80.6
GE 18000	77.7	79.3	80.1	80.1	80.4	80.6	80.6	80.6	80.6	80.6
GE 15000	77.7	79.3	80.1	80.1	80.4	80.6	80.6	80.6	80.6	80.6
GE 14000	77.8	79.1	80.3	80.3	80.6	80.8	80.9	80.9	80.9	80.9
GE 12000	78.7	81.0	81.4	81.5	81.9	82.2	82.3	82.3	82.3	82.3
GE 10000	83.2	85.3	86.2	86.3	86.7	87.1	87.2	87.2	87.2	87.2
GE 9000	83.4	86.5	86.9	87.0	87.4	87.7	87.8	87.8	87.8	87.8
GE 8000	86.4	89.4	89.9	90.1	90.5	90.9	91.0	91.0	91.0	91.0
GE 7000	86.7	89.7	90.2	90.4	90.9	91.2	91.3	91.3	91.3	91.3
GE 6000	87.2	90.3	90.8	90.9	91.2	91.5	91.6	91.6	91.6	91.6
GE 5000	87.3	90.5	91.3	91.5	91.9	92.3	92.4	92.4	92.4	92.4
GE 4500	87.6	91.3	91.9	92.2	92.6	92.9	93.0	93.0	93.0	93.0
GE 4000	89.2	92.2	92.7	93.0	93.4	93.8	93.9	93.9	93.9	93.9
GE 3500	89.4	92.4	93.0	93.2	93.7	94.0	94.1	94.1	94.1	94.1
GE 3000	90.2	93.2	93.9	94.1	94.5	94.8	94.9	94.9	94.9	94.9
GE 2500	91.5	94.6	95.3	95.5	95.9	96.2	96.3	96.3	96.3	96.3
GE 2000	93.2	96.5	97.1	97.3	97.7	98.1	98.2	98.2	98.2	98.2
GE 1800	93.4	96.7	97.3	97.5	98.0	98.3	98.4	98.4	98.4	98.4
GE 1500	95.3	97.8	97.5	97.7	98.3	98.6	98.7	98.7	98.7	98.7
GE 1200	94.4	97.1	98.0	98.2	98.7	99.2	99.5	99.5	99.5	99.5
GE 1000	94.7	98.0	98.6	98.8	99.2	99.5	99.8	99.8	99.8	99.8
GE 900	94.7	98.0	98.6	98.8	99.2	99.5	99.8	99.8	99.8	99.8
GE 800	94.9	98.2	98.8	99.0	99.5	99.8	100.0	100.0	100.0	100.0
GE 700	94.9	98.2	98.8	99.0	99.5	99.8	100.0	100.0	100.0	100.0
GE 600	94.9	98.2	98.8	99.0	99.5	99.8	100.0	100.0	100.0	100.0
GE 500	94.9	98.2	98.8	99.0	99.5	99.8	100.0	100.0	100.0	100.0
GE 400	94.9	98.2	98.8	99.0	99.5	99.8	100.0	100.0	100.0	100.0
GE 300	94.9	98.2	98.8	99.0	99.5	99.8	100.0	100.0	100.0	100.0
GE 200	94.9	98.2	98.8	99.0	99.5	99.8	100.0	100.0	100.0	100.0
GE 100	94.9	98.2	98.8	99.0	99.5	99.8	100.0	100.0	100.0	100.0
GE 000	94.9	98.2	98.8	99.0	99.5	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

...NTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

...FB AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUL HOURS: 09-11

CEILING	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	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
...	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
...	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
...	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
...	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
...	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
...	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
...	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
...	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
...	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
...	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
...	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
...	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
...	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
...	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
...	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
...	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
...	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
...	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
...	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
...	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
...	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
...	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
...	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1...	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1...	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1...	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1...	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1...	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1...	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1...	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1...	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1...	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1...	99.8	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
FROM HOURLY OBSERVATION

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERI
LST TO UTC: + 6 MONT

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	63.1	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.
GE 20000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.
GE 17000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.
GE 15000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.
GE 14000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.
GE 12000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.
GE 10000	86.7	87.0	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.
GE 9000	87.9	88.2	88.2	88.2	88.4	88.5	88.5	88.5	88.5	88.
GE 8000	90.9	91.0	91.0	91.0	91.3	91.4	91.4	91.4	91.4	91.
GE 7000	91.1	91.2	91.2	91.2	91.5	91.6	91.6	91.6	91.6	91.
GE 6000	91.4	91.5	91.5	91.5	91.8	91.9	91.9	91.9	91.9	91.
GE 5000	92.1	92.2	92.2	92.2	92.5	92.6	92.6	92.6	92.6	92.
GE 4500	92.5	92.6	92.6	92.6	92.9	93.0	93.0	93.0	93.0	93.
GE 4000	93.7	93.8	93.8	93.8	94.1	94.2	94.2	94.2	94.2	94.
GE 3500	94.9	95.2	95.2	95.2	95.5	95.6	95.6	95.6	95.6	95.
GE 3000	96.5	96.7	96.7	96.7	97.4	97.5	97.5	97.5	97.5	97.
GE 2500	96.9	97.5	97.5	97.5	98.3	98.4	98.4	98.4	98.4	98.
GE 2000	97.1	97.3	97.3	97.3	98.2	98.1	98.1	98.1	98.1	98.
GE 1800	97.2	97.5	97.5	97.5	98.2	98.4	98.4	98.4	98.4	98.
GE 1500	97.2	97.5	97.5	97.5	98.2	98.4	98.4	98.4	98.4	98.
GE 1200	97.3	97.5	97.5	97.5	98.4	98.5	98.5	98.5	98.5	98.
GE 1000	97.5	97.8	98.0	98.0	98.7	99.0	100.0	100.0	100.0	100.
GE 900	97.5	97.8	98.0	98.0	98.7	99.0	100.0	100.0	100.0	100.
GE 800	97.5	97.8	98.0	98.0	98.7	99.0	100.0	100.0	100.0	100.
GE 700	97.5	97.8	98.0	98.0	98.7	99.0	100.0	100.0	100.0	100.
GE 600	97.5	97.8	98.0	98.0	98.7	99.0	100.0	100.0	100.0	100.
GE 500	97.5	97.8	98.0	98.0	98.7	99.0	100.0	100.0	100.0	100.
GE 400	97.5	97.8	98.0	98.0	98.7	99.0	100.0	100.0	100.0	100.
GE 300	97.5	97.8	98.0	98.0	98.7	99.0	100.0	100.0	100.0	100.
GE 200	97.5	97.8	98.0	98.0	98.7	99.0	100.0	100.0	100.0	100.
GE 100	97.5	97.8	98.0	98.0	98.7	99.0	100.0	100.0	100.0	100.
GE 000	97.5	97.8	98.0	98.0	98.7	99.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 930

QUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUL HOURS: 12-14

ITY 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
[illegible]	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
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	79.4	79.4	79.4	79.4
79.5	79.5	79.5	79.5	79.5	79.6	79.5	79.5	79.5	79.5
79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
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
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
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	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	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	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	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATION

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERI
MONT

CEILING IN FEET	CA 7	CB 6	CC 5	CD 4	CE 3	CF 2 1/2	CG 2	CH 1 1/2	CJ 1 1/4	CK 1
	VISIBILITY IN STATUTE MILES									
NO CEIL	73.4	73.5	73.5	73.5	73.1	73.1	73.1	73.1	73.1	73.
CA 20000	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.
CB 15000	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.
CC 10000	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.
CD 8000	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.
CE 6000	75.3	75.3	75.4	75.4	75.3	75.3	75.3	75.3	75.3	75.
CF 4500	76.6	77.2	77.3	77.3	77.5	77.6	77.6	77.6	77.6	77.
CG 3500	81.4	81.4	81.4	81.4	81.7	81.7	82.1	82.1	82.1	82.
CH 3000	81.6	81.6	81.7	81.7	82.3	82.3	82.4	82.4	82.4	82.
CJ 2500	83.1	83.9	84.0	84.0	84.3	84.3	84.5	84.5	84.5	84.
CK 2000	84.3	84.3	84.3	84.4	84.9	84.9	84.9	84.9	84.9	84.
CL 1700	84.6	84.6	84.6	84.6	85.1	85.1	85.2	85.2	85.2	85.
CM 1500	85.4	86.4	86.4	86.5	86.4	86.4	86.5	86.5	86.5	86.
CN 1200	86.3	86.7	86.8	86.8	86.5	86.5	86.6	86.6	86.6	86.
CP 1000	87.2	87.3	87.4	87.5	88.1	88.1	88.2	88.2	88.2	88.
CQ 900	87.3	87.4	87.5	87.6	88.4	88.4	88.5	88.5	88.5	88.
CR 800	87.7	88.6	88.8	88.9	89.6	89.6	89.7	89.7	89.7	89.
CS 700	87.8	88.7	89.1	89.1	89.7	89.7	89.8	89.8	89.8	89.
CT 600	88.3	89.4	89.2	89.2	89.8	89.8	89.9	89.9	89.9	89.
CU 550	88.5	89.6	89.2	89.2	89.8	89.8	89.9	89.9	89.9	89.
CV 500	88.7	89.8	89.2	89.2	89.8	89.8	89.9	89.9	89.9	89.
CW 450	88.8	89.9	89.2	89.2	89.8	89.8	89.9	89.9	89.9	89.
CX 400	88.8	89.9	89.2	89.4	89.9	89.9	89.9	89.9	89.9	89.
CY 350	88.8	89.9	89.2	89.4	89.9	89.9	89.9	89.9	89.9	89.
CZ 300	88.8	89.9	89.2	89.4	89.9	89.9	89.9	89.9	89.9	89.
DA 250	88.8	89.9	89.2	89.4	89.9	89.9	89.9	89.9	89.9	89.
DB 200	88.8	89.9	89.2	89.4	89.9	89.9	89.9	89.9	89.9	89.
DC 150	88.8	89.9	89.2	89.4	89.9	89.9	89.9	89.9	89.9	89.
DD 100	88.8	89.9	89.2	89.4	89.9	89.9	89.9	89.9	89.9	89.
DE 050	88.8	89.9	89.2	89.4	89.9	89.9	89.9	89.9	89.9	89.
DF 000	88.8	89.9	89.2	89.4	89.9	89.9	100.0	100.0	100.0	100.
DG 450	88.8	89.9	89.2	89.4	89.9	89.9	100.0	100.0	100.0	100.
DH 300	88.8	89.9	89.2	89.4	89.9	89.9	100.0	100.0	100.0	100.
DJ 200	88.8	89.9	89.2	89.4	89.9	89.9	100.0	100.0	100.0	100.
DK 100	88.8	89.9	89.2	89.4	89.9	89.9	100.0	100.0	100.0	100.
DL 000	88.8	89.9	89.2	89.4	89.9	89.9	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 930

...TAN FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...FROM HOURLY OBSERVATIONS

...ON AFB, NY PERIOD OF RECORD: MAY 73 - FEB 83
MONTHS: JUL HOURS: 15-17

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES	10+	5	3	2 1/2	2	1 1/2	1	3/4	1/2	1/4	0
10	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[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]
2	[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]
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3/4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1/2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1/4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OPERATING LOCATION "A" / USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF [illegible] / FROM HOURLY OBSERVATIONS

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

LST TO UTC: + [illegible]

CEILING IN FEET	GE 7	GE [illegible]	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	75.[illegible]	77.1	77.[illegible]	77.[illegible]	77.[illegible]	77.7	77.7	77.7	77.7	77.7
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]	91.1	91.1	91.1	91.1	91.1
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	93.7	[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]	[illegible]
GE 7000	[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]	97.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	97.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	98.1	[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]	[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]	[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]	[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]

TOTAL NUMBER OF OBSERVATIONS: [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible]: TINKER AFB OK   PERIOD OF RECORD: MAR 79 - FEB 89
[illegible]   MONTH: JUL   HOURS: 18-20

VISIBILITY IN STATUTE MILES

GE 3	GE 2 1/2	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
77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
[illegible]	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
[illegible]	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
[illegible]	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
[illegible]	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
[illegible]	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
[illegible]	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
[illegible]	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.5	97.6	97.6	97.5
[illegible]	97.5	97.5	97.5	97.6	97.5	97.6	97.5	97.5	97.6	97.5	97.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.9	98.9	98.9	98.9
98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
[illegible]	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
[illegible]	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
[illegible]	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
[illegible]	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
[illegible]	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
[illegible]	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9	99.9	99.9	99.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9	99.9	99.9	99.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9	99.9	[illegible]	99.9	99.9	99.9	99.9
[illegible]	99.9	[illegible]	99.9	99.9	[illegible]	[illegible]	99.9	99.9	99.9	99.9	99.9
[illegible]	[illegible]	99.	[illegible]	99.9	99.9	[illegible]	99.9	99.9	99.9	99.9	99.9
[illegible]	[illegible]	[illegible]	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	[illegible]	[illegible]	[illegible]	99.9	[illegible]	[illegible]	99.9	99.9	99.9	99.9	99.9
[illegible]	[illegible]	[illegible]	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	[illegible]	[illegible]	[illegible]	99.9	99.9	[illegible]	99.9	99.9	99.9	99.9	99.9
[illegible]	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
[illegible]	[illegible]	99.9	99.9	99.9	99.9	[illegible]	99.9	100.0	100.0	100.0	100.0

OPERATING LOCATION: WAM
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIO
LST TO UTC: + 6 MONTH:

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES: 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
99 CEIL	77.9	82.4	91.7	92.5	92.5	93.7	93.7	93.7	93.7	93.7
22000	86.2	87.9	94.2	95.7	95.7	96.9	[illegible]	[illegible]	96.9	96.9
18000	86.7	87.5	94.0	95.7	95.7	96.9	96.9	96.9	96.9	96.9
15000	86.7	87.3	93.9	95.7	95.7	96.9	[illegible]	[illegible]	96.9	96.9
14000	86.1	87.5	93.8	95.7	95.7	96.9	96.9	96.9	96.9	96.9
12000	87.1	89.2	95.2	96.9	96.9	98.2	98.2	98.2	98.2	98.2
10000	88.1	91.5	97.5	98.2	98.2	99.4	99.4	99.4	99.4	99.4
9000	88.4	91.7	97.5	98.5	98.5	99.7	99.7	99.7	99.7	99.7
8000	88.4	91.7	96.7	98.5	98.5	99.7	99.7	99.7	99.7	99.7
7000	88.7	94.1	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5
6000	88.4	94.5	98.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5
5000	93.5	94.7	98.1	98.9	99.0	99.2	99.2	99.2	99.2	99.2
4500	93.5	94.7	98.1	98.9	99.0	99.2	99.2	99.2	99.2	99.2
4000	94.1	95.4	98.3	99.2	99.4	99.6	99.6	99.6	99.6	99.6
3500	94.2	95.7	98.2	99.1	99.4	99.6	99.6	99.6	99.6	99.6
3000	94.7	96.1	98.7	99.3	99.5	99.7	99.7	99.7	99.7	99.7
2500	96.7	98.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2000	96.8	98.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1800	96.8	98.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1700	96.8	98.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1600	97.0	98.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1500	97.2	98.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1400	97.2	98.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1300	97.2	98.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1200	97.2	98.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1100	97.2	98.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1000	97.2	98.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
900	97.2	98.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
800	97.2	98.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
700	97.2	98.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
600	97.2	98.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
500	97.2	98.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	97.2	98.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
300	97.2	98.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	97.2	98.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100	97.2	98.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00	97.2	98.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 999

...TAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

...N AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUL HOURS: 21-23

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	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
	..7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
	..9	..9	88.9	..9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
	..9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
	..9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	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
	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
	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	99.7	99.8	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
	99.8	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	99.9	100.0	100.0	100.0	100.0
	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" PERCENTAGE [illegible]
USAFETAC, ASHEVILLE NC [illegible]

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

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	72.6	74.0	74.6	74.9	75.0	75.1	75.1	75.1	75.1	75.1
GE 20000	[illegible]	82.2	82.9	83.3	83.5	83.7	83.7	83.7	83.7	83.7
GE 18000	[illegible]	82.3	83.0	83.4	83.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	[illegible]	82.2	83.1	83.5	83.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 14000	81.0	82.7	83.6	83.9	84.1	84.2	84.2	84.2	84.2	84.2
GE 12000	82.5	84.2	85.1	85.5	85.7	85.9	85.9	85.9	85.9	85.9
GE 10000	[illegible]	88.6	89.4	89.9	90.1	90.3	90.4	90.4	90.4	90.4
GE 9000	87.1	[illegible]	[illegible]	90.2	90.5	90.7	90.7	90.7	90.7	90.7
GE 8000	89.2	91.1	92.1	92.5	92.8	93.0	93.1	93.1	93.1	93.1
GE 7000	[illegible]	[illegible]	92.5	93.1	93.3	93.5	93.5	93.5	93.5	93.5
GE 6000	90.7	[illegible]	92.7	93.2	93.4	93.7	93.7	93.7	93.7	93.7
GE 5000	[illegible]	92.2	93.2	93.7	94.0	[illegible]	[illegible]	94.3	94.3	[illegible]
GE 4500	[illegible]	92.6	93.5	94.0	94.2	94.5	[illegible]	[illegible]	94.5	[illegible]
GE 4000	91.7	93.7	94.5	95.3	95.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	92.1	[illegible]	[illegible]	[illegible]	96.2	96.4	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	96.1	[illegible]	97.0	97.2	97.3	97.3	97.3	97.3
GE 2500	[illegible]	[illegible]	96.6	[illegible]	97.4	97.6	97.7	97.7	97.7	97.7
GE 2000	93.7	[illegible]	97.0	97.5	97.9	98.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	[illegible]	[illegible]	97.1	97.7	98.1	98.3	98.3	[illegible]	[illegible]	[illegible]
GE 1500	94.0	96.1	97.3	[illegible]	98.3	98.6	[illegible]	[illegible]	[illegible]	[illegible]
GE 1200	94.4	[illegible]	97.7	98.2	98.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	95.7	98.0	98.6	99.0	99.2	99.2	99.2	99.3	[illegible]
GE 900	94.7	[illegible]	98.1	98.5	99.0	99.3	[illegible]	99.4	99.4	[illegible]
GE 800	[illegible]	[illegible]	[illegible]	98.7	99.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]	[illegible]	98.2	98.7	99.2	99.4	99.5	[illegible]	[illegible]	[illegible]
GE 600	[illegible]	97.0	98.3	[illegible]	99.3	99.6	99.7	99.7	99.7	99.7
GE 500	[illegible]	97.1	98.3	[illegible]	99.4	99.7	[illegible]	[illegible]	[illegible]	[illegible]
GE 400	[illegible]	97.1	98.4	99.0	99.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 300	[illegible]	97.1	98.4	99.0	99.8	99.8	99.9	99.9	99.9	100.0
GE 200	[illegible]	97.1	98.4	99.0	99.5	[illegible]	99.9	99.9	99.9	100.0
GE 100	95.0	97.1	98.4	99.0	99.5	99.8	99.9	99.9	99.9	100.0
GE 000	[illegible]	97.1	98.4	99.0	99.5	[illegible]	[illegible]	[illegible]	[illegible]	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TINKER AFB OK

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUL HOURS: ALL

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	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
GE 22	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 20	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 18	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 16	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 14	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 12	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 10	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 9	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 5	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 3	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE B	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE M	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE S	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE R	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE Q	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE P	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE N	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE M	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE L	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE K	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE J	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE H	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE G	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE F	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION NAM
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERI
MONTH

CEILING	VISIBILITY IN STATUTE MILES									
IN FEET	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
22 CEIL	71.9	73.2	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1
20 20000	7 .1	77.2	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5
18 18000	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
16 16000	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
14 14000	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
12 12000	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
10 10000	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
09 9000	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
08 8000	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
07 7000	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
06 6000	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
05 5000	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
04 4000	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
03 3000	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
02 2000	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
01 1000	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
00 0000	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
23 2300	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
21 2100	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
19 1900	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
17 1700	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
15 1500	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
13 1300	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
11 1100	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
10 1000	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
09 900	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
08 800	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
07 700	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
06 600	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
05 500	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
04 400	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
03 300	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
02 200	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
01 100	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9
00 000	77.3	79.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9

TOTAL NUMBER OF OBSERVATIONS 931

NTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] AFB OK

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: AUG HOURS: 00-02

VISIBILITY IN STATUTE MILES

GE 2 1/2	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
74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
98.1	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	98.2
98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
99.5	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	99.6
99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	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
99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9
99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9	100.0
99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIO
LST TO UTC: + 6 MONT

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	87.0	89.0	70.2	71.0	71.1	71.1	71.2	71.2	71.2	71.2
25000	74.4	77.1	77.4	78.5	78.7	78.7	78.8	78.8	78.8	78.8
15000	74.5	77.1	77.3	78.5	78.7	78.7	78.8	78.8	78.8	78.8
14000	74.5	77.1	77.4	78.5	78.7	78.7	78.8	78.8	78.8	78.8
13000	75.4	77.4	78.2	79.4	79.5	79.6	79.6	79.6	79.6	79.6
12000	77.1	79.4	80.2	81.3	81.4	81.5	81.5	81.5	81.6	81.6
11000	78.3	80.6	81.3	82.5	82.6	82.6	82.7	82.7	82.7	82.7
10000	79.2	81.7	82.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9
9000	80.4	82.9	83.8	85.0	85.1	85.1	85.2	85.2	85.2	85.2
8000	82.0	84.5	85.5	86.8	86.9	86.9	87.0	87.0	87.0	87.0
7000	83.5	86.0	87.0	88.4	88.5	88.5	88.6	88.6	88.6	88.6
6000	85.6	88.2	89.2	90.6	90.7	90.7	90.8	90.8	90.8	90.8
5000	87.3	90.0	91.0	92.4	92.5	92.5	92.6	92.6	92.6	92.6
4500	88.0	90.7	91.7	93.1	93.2	93.2	93.3	93.3	93.3	93.3
4000	88.9	91.6	92.7	94.1	94.2	94.2	94.3	94.3	94.3	94.3
3500	89.7	92.5	93.6	95.0	95.1	95.1	95.2	95.2	95.2	95.2
3000	90.5	93.3	94.4	95.8	95.9	95.9	96.0	96.0	96.0	96.0
2500	91.3	94.1	95.2	96.6	96.7	96.7	96.8	96.8	96.8	96.8
2000	91.8	94.6	95.7	97.1	97.2	97.2	97.3	97.3	97.3	97.3
1800	92.0	94.8	95.9	97.3	97.4	97.4	97.5	97.5	97.5	97.5
1600	92.2	95.0	96.1	97.5	97.6	97.6	97.7	97.7	97.7	97.7
1400	92.4	95.2	96.3	97.7	97.8	97.8	97.9	97.9	97.9	97.9
1200	92.6	95.4	96.5	97.9	98.0	98.0	98.1	98.1	98.1	98.1
1000	92.8	95.6	96.7	98.1	98.2	98.2	98.3	98.3	98.3	98.3
900	92.9	95.7	96.8	98.2	98.3	98.3	98.4	98.4	98.4	98.4
800	93.0	95.8	96.9	98.3	98.4	98.4	98.5	98.5	98.5	98.5
700	93.1	95.9	97.0	98.4	98.5	98.5	98.6	98.6	98.6	98.6
600	93.2	96.0	97.1	98.5	98.6	98.6	98.7	98.7	98.7	98.7
500	93.3	96.1	97.2	98.6	98.7	98.7	98.8	98.8	98.8	98.8
400	93.4	96.2	97.3	98.7	98.8	98.8	98.9	98.9	98.9	98.9
300	93.5	96.3	97.4	98.8	98.9	98.9	99.0	99.0	99.0	99.0
200	93.6	96.4	97.5	98.9	99.0	99.0	99.1	99.1	99.1	99.1
100	93.6	96.4	97.5	98.9	99.0	99.0	99.1	99.1	99.1	99.1
0	93.6	96.4	97.5	98.9	99.0	99.0	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 930

[illegible]AGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] IK

PERIOD OF RECORD: MAR 79 - FEB [illegible]
MONTH: AUG HOURS: 03-05

[illegible]IBILITY IN STATUTE MILES

[illegible] 1/2	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
71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78.9	[illegible]	78.9	78.9	78.9	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	78.5	[illegible]	[illegible]	78.9	[illegible]	78.9	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	78.8	[illegible]	[illegible]	78.9	[illegible]	[illegible]	[illegible]
[illegible]	79.5	79.5	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7
[illegible]	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1
[illegible]	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3
[illegible]	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8
[illegible]	90.5	90.5	90.5	90.6	[illegible]	90.6	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4
[illegible]	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.9	93.9	93.9	93.9
[illegible]	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
[illegible]	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
[illegible]	96.5	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
[illegible]	[illegible]	[illegible]	[illegible]	96.8	96.8	96.8	96.9	96.9	96.9	96.9
[illegible]	[illegible]	96.9	[illegible]	[illegible]	96.9	96.9	97.0	97.0	97.0	97.0
[illegible]	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
[illegible]	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6
[illegible]	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
[illegible]	[illegible]	97.8	97.8	97.8	98.1	98.1	98.2	98.2	98.2	98.2
[illegible]	98.1	98.1	98.1	98.1	98.3	98.3	98.4	98.4	98.4	98.4
[illegible]	[illegible]	98.3	98.3	98.3	98.5	98.5	98.6	98.6	98.6	98.6
[illegible]	98.4	98.4	98.4	98.4	98.5	98.5	98.7	98.7	98.7	98.7
[illegible]	98.4	98.4	98.4	98.4	98.6	98.6	98.7	98.7	98.7	98.7
[illegible]	98.9	98.9	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2
[illegible]	98.9	98.9	98.9	99.0	99.2	99.2	99.4	99.4	99.4	99.4
[illegible]	98.9	98.9	98.9	99.0	99.2	99.2	99.4	99.5	99.5	99.5
[illegible]	99.1	99.1	99.1	99.2	99.5	99.5	99.6	99.7	99.7	99.7
[illegible]	99.1	99.1	99.1	99.2	99.5	99.5	99.7	[illegible]	100.0	100.0
[illegible]	99.1	99.1	99.1	99.2	99.5	99.5	99.7	[illegible]	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERI
MONT

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
22 000+	55.4	57.1	58.3	58.3	67.1	67.6	67.7	67.7	67.7	67.7
20 000	65.7	71.4	72.5	73.4	74.3	74.4	75.1	75.1	75.1	75.1
18 000	65.7	71.4	72.5	73.4	74.3	74.4	75.1	75.1	75.1	75.1
16 000	65.7	71.5	72.6	73.5	74.4	74.5	75.2	75.2	75.2	75.3
14 000	69.2	71.5	73.0	74.3	75.1	75.8	76.1	76.1	76.	76.
12 000	69.1	72.	74.	75.3	75.7	77.4	77.5	77.5	77.5	77.
10 000	76.2	78.3	81.3	82.3	83.4	84.2	84.3	84.3	84.3	84.
9 000	76.3	78.	81.3	83.0	84.2	84.7	85.1	85.1	85.1	85.1
8 000	79.2	80.7	87.2	88.1	89.2	89.4	90.1	90.1	90.1	90.1
7 000	82.2	84.2	87.6	89.2	90.2	90.5	90.8	90.9	90.9	90.
6 000	89.3	90.1	93.1	94.6	95.7	96.1	96.3	96.3	96.3	96.
5 000	90.2	91.1	94.1	95.7	96.8	97.2	97.4	97.4	97.4	97.
4 500	90.3	91.2	94.2	95.8	96.9	97.3	97.5	97.5	97.5	97.
4 000	90.4	91.3	94.3	95.9	97.0	97.4	97.6	97.6	97.6	97.
3 500	90.5	91.4	94.4	96.0	97.1	97.5	97.7	97.7	97.7	97.
3 000	90.6	91.5	94.5	96.1	97.2	97.6	97.8	97.8	97.8	97.
2 500	90.7	91.6	94.6	96.2	97.3	97.7	97.9	97.9	97.9	97.
2 000	90.8	91.7	94.7	96.3	97.4	97.8	98.0	98.0	98.0	98.
1 500	90.9	91.8	94.8	96.4	97.5	97.9	98.1	98.1	98.1	98.
1 000	91.0	91.9	94.9	96.5	97.6	98.0	98.2	98.2	98.2	98.
500	91.1	92.0	95.0	96.6	97.7	98.1	98.3	98.3	98.3	98.
0	91.2	92.1	95.1	96.7	97.8	98.2	98.4	98.4	98.4	98.

TOTAL NUMBER OF OBSERVATIONS 1111

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: AUG HOURS: 06-08

CEILING IN HUNDREDS OF FEET / VISIBILITY IN STATUTE MILES	GE 10	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
GE 22	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 20	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 18	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 16	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 14	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 12	77.4	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6
GE 10	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 0	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
M	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
M	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
M	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
M	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
M	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
M	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
M	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
M	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
M	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
M	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
M	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
M	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
M	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
M	99.4	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8
M	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	100.0	100.0

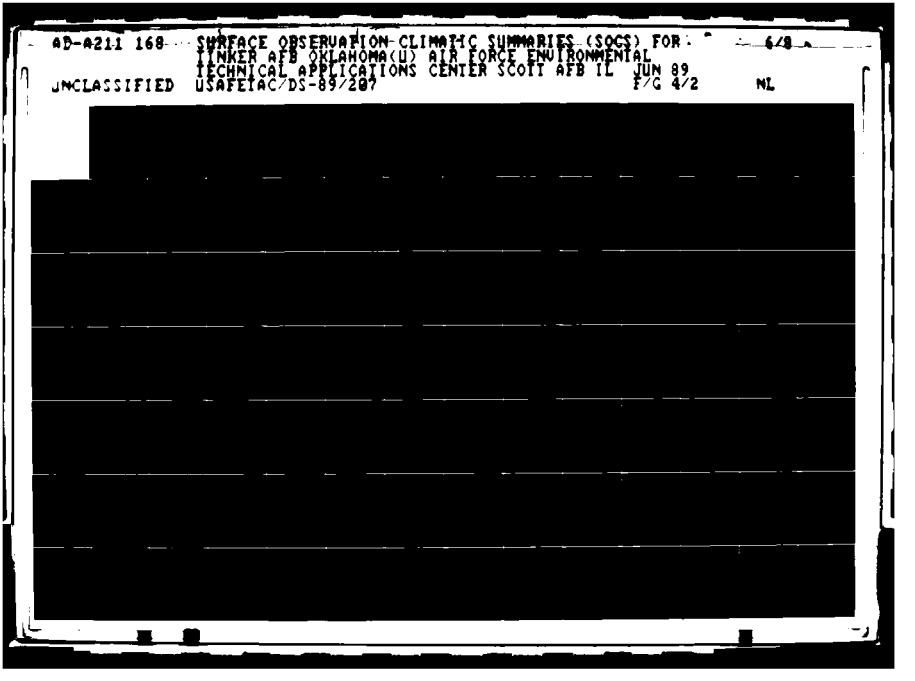
OPERATING LOCATION MAP
USAF ETAC, ASHEVILLE, NC

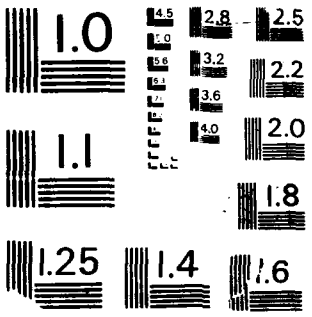
PERCENTAGE FREQUENCY OF OCCURRENCE
FOR HOURLY OBSERVATI

STATION NUMBER: 723430 STATION NAME: TIMMINS A
LST TO UTC: + 5

CEILING	VISIBILITY IN STATUTE MILES									
FEET	7	5	3	2 1/2	2	1 1/2	1 1/4			
0-IL	67.2	70.7	70.9	71.0	72.8	73.3	73.6	73.9	74.1	7
200	74.3	76.1	77.4	78.0	79.2	79.8	79.9	79.9	79.9	7
300	74.3	77.3	77.9	78.2	79.4	79.4	79.4	79.4	79.4	7
400	74.7	78.3	77.9	78.4	79.6	79.9	79.9	79.9	79.9	7
500	75.1	77.9	78.2	78.8	79.8	79.9	79.9	79.9	79.	7
1000	77.1	78.7	81.4	82.3	82.7	82.7	82.7	82.7	82.7	8
1500	75.3	78.1	80.9	81.4	82.0	82.0	82.	82.	82.	
2000	75.4	78.4	81.1	81.7	82.4	82.4	82.4	82.4	82.4	8
2500	77.7	80.7	81.8	82.1	82.9	83.0	83.0	83.1	83.1	8
3000	78.2	81.2	82.1	82.5	83.2	83.2	83.2	83.2	83.2	8
3500	78.3	80.3	82.5	83.2	83.7	83.7	83.7	83.7	83.7	8
4000	79.0	81.1	82.9	83.5	84.2	84.2	84.2	84.2	84.2	8
4500	79.3	81.4	83.0	84.0	84.5	84.5	84.5	84.5	84.5	8
5000	79.5	81.6	83.3	84.2	84.9	85.1	85.1	85.1	85.1	8
5500	79.6	81.7	84.1	84.1	85.7	86.1	86.	86.	86.	8
6000	79.6	81.	83.7	84.0	85.2	85.8	86.1	86.1	86.1	8
6500	79.6	81.	83.1	83.8	85.7	86.3	86.6	86.6	86.6	8
7000	79.6	81.	83.1	83.8	85.7	86.3	86.6	86.6	86.6	8
7500	79.6	81.1	83.1	83.8	85.7	86.3	86.6	86.6	86.6	8
8000	79.6	81.1	83.1	83.8	85.7	86.3	86.6	86.6	86.6	8
8500	79.6	81.1	83.1	83.8	85.7	86.3	86.6	86.6	86.6	8
9000	79.6	81.1	83.1	83.8	85.7	86.3	86.6	86.6	86.6	8
9500	79.6	81.1	83.1	83.8	85.7	86.3	86.6	86.6	86.6	8
10000	79.6	81.1	83.1	83.8	85.7	86.3	86.6	86.6	86.6	8
11000	79.6	81.1	83.1	83.8	85.7	86.3	86.6	86.6	86.6	8
12000	79.6	81.1	83.1	83.8	85.7	86.3	86.6	86.6	86.6	8
13000	79.6	81.1	83.1	83.8	85.7	86.3	86.6	86.6	86.6	8
14000	79.6	81.1	83.1	83.8	85.7	86.3	86.6	86.6	86.6	8
15000	79.6	81.1	83.1	83.8	85.7	86.3	86.6	86.6	86.6	8
16000	79.6	81.1	83.1	83.8	85.7	86.3	86.6	86.6	86.6	8
17000	79.6	81.1	83.1	83.8	85.7	86.3	86.6	86.6	86.6	8
18000	79.6	81.1	83.1	83.8	85.7	86.3	86.6	86.6	86.6	8
19000	79.6	81.1	83.1	83.8	85.7	86.3	86.6	86.6	86.6	8
20000	79.6	81.1	83.1	83.8	85.7	86.3	86.6	86.6	86.6	8

TOTAL NUMBER OF OBSERVATIONS 8832


AD-A211 168 SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR 6/8
TINKER AFB OKLAHOMA(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT AFB IL JUN 89
UNCLASSIFIED USAFETAC/DS-89/207 F/G 4/2 NL


1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 73 - FEB 87
MONTH: AUG HOURS: 09-11

CEILING IN STATUTE MILES									
	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
	87.3	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5
	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
	95.3	95.3	95.3	95.3	95.3	96.3	95.3	95.3	95.3	95.3
	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
	98.0	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
	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	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
	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	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
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD OF [illegible]
LST TO UTC: + 6 MONTH: A[illegible]

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	[illegible]
NO CEIL	67.1	[illegible]	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	7[illegible]
GE 20000	7[illegible]	7[illegible]	7[?].3	7[illegible]	7[?].6	7[illegible]	7[illegible]	7[illegible]	7[illegible]	7[illegible]	7[illegible]
GE 18000	75.7	77.2	7[?].7	79.0	79.0	79.0	79.0	79.0	79.0	79.[?]	7[illegible]
GE 16000	76.[?]	77.[?]	79.[?]	79.4	79.4	79.4	79.4	79.4	79.4	79.4	7[illegible]
GE 14000	76.7	7[?].2	79.7	80.[?]	80.0	80.0	80.0	80.0	80.0	80.[?]	[illegible]
GE 12000	7[?].[?]	[illegible]	[?]2.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	[illegible]
GE 10000	[illegible]	[illegible]	88.3	[illegible]	88.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 8000	87.[?]	[?].1	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	[illegible]
GE 7000	87.[?]	90.1	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	[illegible]
GE 6000	87.[?]	[illegible]	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	[illegible]
GE 5000	[illegible]	90.4	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	[illegible]
GE 4500	[illegible]	91.1	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	[illegible]
GE 4000	91.2	93.[?]	95.[?]	95.[?]	95.1	95.2	95.2	95.2	95.2	95.[?]	[illegible]
GE 3500	91.7	[illegible]	95.1	96.[?]	96.3	96.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 3000	92.[?]	94.[?]	97.[?]	97.5	97.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2500	93.[?]	[illegible]	97.[?]	98.3	98.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	93.4	94.7	98.0	98.4	98.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1800	93.8	95.7	98.[?]	98.4	98.7	98.[?]	[illegible]	98.[?]	[illegible]	[illegible]	[illegible]
GE 1500	93.4	95.[?]	98.2	98.6	99.0	99.1	99.1	99.1	99.1	99.1	[illegible]
GE 1200	93.4	95.[?]	98.[?]	98.6	99.0	99.1	99.1	99.1	99.1	99.1	[illegible]
GE 1000	93.7	96.[?]	98.4	98.8	99.2	99.4	99.4	99.5	99.6	99.[?]	[illegible]
GE 900	93.7	96.[?]	98.4	98.9	99.2	99.4	99.4	99.[?]	99.[?]	99.[?]	[illegible]
GE 800	93.[?]	96.1	98.5	98.9	99.4	99.5	99.5	99.5	99.6	99.[?]	[illegible]
GE 700	93.[?]	96.2	98.[?]	99.1	99.6	99.7	99.7	99.[?]	99.[?]	99.[?]	[illegible]
GE 600	93.9	96.2	98.5	99.2	99.7	99.8	99.8	99.9	99.9	99.9	[illegible]
GE 500	93.9	96.2	98.6	99.2	99.7	99.8	99.9	99.9	99.9	99.9	[illegible]
GE 400	93.9	96.2	98.6	99.2	99.7	99.8	99.9	100.0	100.0	100.0	1[illegible]
GE 300	93.9	96.2	98.6	99.2	99.7	99.8	99.9	100.0	100.0	100.0	1[illegible]
GE 200	93.9	96.2	98.6	99.2	99.7	99.8	99.9	100.0	100.0	100.0	1[illegible]
GE 100	93.9	96.2	98.6	99.2	99.7	99.8	99.9	100.0	100.0	100.0	1[illegible]
GE 000	93.9	96.2	98.6	99.2	99.7	99.8	99.9	100.0	100.0	100.0	1[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] AFB, OK — PERIOD OF RECORD: MAR 73 - FEB 89
MONTH: AUG HOURS: 12-14

CEILING	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	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
GE 20000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 15000	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 10000	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 7000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 5000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 2500	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 2000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1500	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 700	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 500	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 400	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 300	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 200	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 100	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 0	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 0	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 0	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION NAME
HUNTSVILLE, ASHEVILLE AP NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
FOR HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERIOD:
MONTH:

CEILING (FEET)	VISIBILITY IN STATUTE MILES: 10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
ALL CEIL	97.5	94.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
22000	97.7	94.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
18000	97.7	94.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
15000	97.7	94.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
12000	97.7	94.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
10000	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
9000	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
8000	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
7000	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
6000	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
5000	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
4500	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
4000	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
3500	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
3000	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
2500	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
2000	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
1800	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
1500	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
1200	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
1000	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
900	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
800	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
700	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
600	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
500	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
400	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
300	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
200	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
100	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
000	97.7	94.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3

TOTAL NUMBER OF OBSERVATIONS 930

...TABLE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...FROM HOURLY OBSERVATIONS

...AFB, ...K PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: AUG HOURS: 15-17

CEILING IN HUNDREDS OF FEET / VISIBILITY IN STATUTE MILES	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥3/8	≥1/4	≥0
≥20	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥15	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥12	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥10	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥5	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥0	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥0	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥0	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥0	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥0	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥0	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥0	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥0	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥0	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥0	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥0	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥0	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0

OBSERVATIONS LOCATED NEAR
ASHEVILLE, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY
FOR ALL YEARS AND ALL MONTHS

STATION NUMBER: 723talk STATION NAME: TINKER AFB OK HOUR
LST LIMITS: + 6 MONTH:

CEILING (FEET)	VISIBILITY IN STATUTE MILES: 10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	76.2	74.1	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
20000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
15000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
12000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
10000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
9000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
8000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
7000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
6000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
5000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
4500	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
4000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
3500	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
3000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
2500	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
2000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
1800	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
1600	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
1400	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
1200	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
1000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
900	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
800	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
700	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
600	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
500	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
400	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
300	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
200	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
100	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] AFB, IA PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: AUG HOURS: 18-20

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	10	5	3	2	1	3/4	1/2	1/4	1/8	1/16	0
	2 1/2	2	1 1/2	1 1/4	1	3/4	1/2	1/4	1/8	1/16	0
250	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
200	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
150	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
100	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
70	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
50	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
40	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
30	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
25	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
20	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
15	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
12	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
10	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
8	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
5	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
4	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
3	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
M	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C IL
FOR ALL LY OBSERVATIONS

STATION NUMBER: 723430 STATION NAME: HICKORY AFB, NC
LST TO UTC: + 5

CEILING	VISIBILITY IN STATUTE MILES									
FT	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
22 CEIL	75.2	75.4	75.4	75.7	75.7	75.7	77.7	75.7	75.7	75.7
20000	83.4	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8
15000	83.4	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8
12000	83.4	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8
10000	84.1	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5
9000	84.1	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5
8000	87.4	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
7000	87.4	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
6000	87.4	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
5000	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
4500	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
4000	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
3500	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
3000	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
2500	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
2000	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
1800	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
1600	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
1400	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
1200	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
1000	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
900	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
800	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
700	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
600	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
500	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
400	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
300	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
200	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
100	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
0	89.3	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0

TOTAL NUMBER OF OBSERVATIONS 930

AFR FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] DX PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: AUG HOURS: 21-23

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	5/8	1/2	3/8	1/4	0
[illegible]	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
[illegible]	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
[illegible]	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
[illegible]	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
[illegible]	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
[illegible]	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
[illegible]	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
[illegible]	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
[illegible]	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
[illegible]	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
[illegible]	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
[illegible]	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
[illegible]	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
[illegible]	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
[illegible]	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
[illegible]	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
[illegible]	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
[illegible]	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
[illegible]	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
[illegible]	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
[illegible]	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
[illegible]	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
[illegible]	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
[illegible]	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
[illegible]	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
[illegible]	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
[illegible]	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
[illegible]	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
[illegible]	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
[illegible]	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
[illegible]	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

PERCENTAGE FREQUENCY OF OCCURRENCE FOR ALL

STATION NUMBER: 72340 STATION NAME: TIPTON AFLD

CEILING (FT)	VISIBILITY (STATUTE MILES)									
	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
ALL	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
22000	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
18000	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
15000	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
12000	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
10000	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
9000	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
8000	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
7000	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
6000	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
5000	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
4500	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
4000	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
3500	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
3000	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
2500	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
2000	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
1800	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
1600	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
1400	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
1200	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
1000	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
900	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
800	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
700	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
600	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
500	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
400	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
300	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
200	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
100	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6
0	71.0	71.0	71.1	71.1	71.2	71.3	71.4	71.5	71.5	71.6

TOTAL NUMBER OF OBSERVATIONS 7440

[illegible] FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible]

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

VISIBILITY IN STATUTE MILES

[illegible] 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.[illegible]	79.	79.[illegible]	79.[illegible]	79.8	79.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.9	79.9	80.0	[illegible]	80.0	80.0
[illegible]	[illegible].1	[illegible].1	[illegible].1	[illegible].1	80.1	80.1	80.1	80.1	80.1	80.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].9	[illegible]	[illegible]	[illegible]
[illegible].4	[illegible].4	[illegible].4	[illegible].4	[illegible]	[illegible].4	[illegible].4	82.4	82.4	82.4	82.4
[illegible]	[illegible]	[illegible].4	[illegible].4	[illegible].4	[illegible].4	83.4	[illegible].4	[illegible].4	[illegible].4	83.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83.[illegible]
[illegible].7	91.	91.[illegible]	91.	91.[illegible]	91.	91.[illegible]	91.[illegible]	91.	91.[illegible]	91.[illegible]
[illegible].1	92.2	92.[illegible]	[illegible]	[illegible]	[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]
[illegible]	92.7	92.7	92.7	[illegible].7	92.7	92.7	92.7	92.7	92.7	92.7
[illegible].1	[illegible].1	[illegible].1	[illegible].1	94.[illegible]	94.[illegible]	[illegible]	94.[illegible]	94.[illegible]	94.2	94.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.7	94.7	94.7	94.7
[illegible]	95.[illegible]	95.[illegible]	95.[illegible]	95.[illegible]	[illegible]	95.9	[illegible]	[illegible]	95.9	95.[illegible]
97.1	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.2	97.2	97.2	97.2	97.2	97.2
[illegible]	97.[illegible]	97.5	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.5	97.[illegible]	97.[illegible]	97.[illegible]
[illegible]	[illegible].7	97.7	97.7	97.7	97.7	97.7	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]
[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	[illegible]	[illegible]	[illegible].2	98.[illegible]
[illegible]	[illegible]	[illegible].1	[illegible].1	98.1	[illegible].1	98.1	98.1	98.1	98.1	98.1
[illegible]	98.[illegible]	98.3	98.3	98.3	[illegible]	[illegible]	98.3	98.3	98.3	98.3
[illegible].4	[illegible]	[illegible]	98.[illegible]	98.5	[illegible]	[illegible]	98.5	98.[illegible]	98.5	98.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	99.[illegible]	[illegible]	99.[illegible]	99.[illegible]	99.	99.0	99.[illegible]
[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.1	99.1	99.1	99.1	99.1	99.1
[illegible]	99.1	99.2	99.2	99.2	99.[illegible]	99.2	99.2	99.2	99.2	99.2
99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
[illegible].3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
[illegible]	99.[illegible]	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
[illegible]	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
[illegible]	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.[illegible]	99.8	99.8
[illegible]	99.7	99.7	99.7	99.8	99.8	99.[illegible]	99.8	99.9	99.9	99.9
[illegible].5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
[illegible]	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

FINKER AFB, NC PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: SEP HOURS: 00-02

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
10	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	
9	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.7	77.7	
8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	
7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	
6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	
5	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	
4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	
3	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	
2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	
1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	
0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.7	86.7	
9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	
8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	
7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	
6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	
5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	
4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	
3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	
2	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	
1	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9	
0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	
9	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	
8	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	
7	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	
6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	
5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	
4	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	
3	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	
2	99.2	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.2	99.2	
1	99.4	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.5	99.5	
0	99.4	99.2	99.2	99.2	99.3	99.3	99.4	99.6	99.6	99.7	99.7	
9	99.4	99.2	99.2	99.2	99.3	99.3	99.4	99.6	99.6	99.8	100.0	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72356 STATION NAME: TINKER AFB OK PERIOD OF
LST TO UTC: + 6 MONTH: ST

CEILING IN FEET	VISIBILITY IN STATUTE MILES										
	≥ 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	< 1
ALL CEIL	88.5	87.2	84.9	83.8	83.9	83.0	82.0	82.0	82.0	81.1	
≥ 20000	73.2	71.2	72.7	73.4	73.5	73.7	73.7	73.7	73.7	73.8	
≥ 15000	73.8	72.2	73.0	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 10000	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 9000	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 8000	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 7000	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 6000	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 5000	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 4500	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 4000	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 3500	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 3000	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 2500	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 2000	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 1800	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 1600	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 1400	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 1200	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 1000	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 900	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 800	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 700	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 600	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 500	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 400	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 300	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 200	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
≥ 100	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	
< 100	74.5	72.8	73.9	73.8	73.9	74.0	74.0	74.0	74.0	74.1	

TOTAL NUMBER OF OBSERVATIONS 900

USC FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] AFB, IA PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: SEP HOURS: 03-05

CEILING IN STATUTE MILES										
GE 2 1/2	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
[illegible]	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
[illegible]	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
[illegible]	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
[illegible]	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
[illegible]	74.4	74.4	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6
[illegible]	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
[illegible]	79.3	79.3	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9
[illegible]	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
[illegible]	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
[illegible]	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
[illegible]	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
[illegible]	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
[illegible]	85.4	85.4	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9
[illegible]	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
[illegible]	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
[illegible]	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
[illegible]	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
[illegible]	92.6	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8
[illegible]	92.7	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9
[illegible]	92.8	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0
[illegible]	93.7	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9
[illegible]	94.0	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2
[illegible]	94.4	94.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7
[illegible]	95.1	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
[illegible]	95.9	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
[illegible]	96.2	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4
[illegible]	96.8	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
[illegible]	97.3	97.4	97.4	97.8	97.9	97.9	97.9	97.9	98.0	98.0
[illegible]	97.9	98.1	98.1	98.4	98.6	98.6	98.6	98.6	98.7	98.7
[illegible]	98.6	98.9	98.9	99.2	99.4	99.4	99.6	99.6	99.7	99.7
[illegible]	98.6	98.9	98.9	99.2	99.4	99.4	99.6	99.6	99.7	99.9
[illegible]	98.6	98.9	98.9	99.2	99.4	99.4	99.6	99.6	99.7	100.0

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

CEILING In Feet	VISIBILITY IN STATUTE MILES										
	GE 7	GE 5	GE 3	GE 2	GE 1 1/2	GE 1	GE 7/8	GE 3/4	GE 1/2	LT 1/2	
GE CEIL	56.2	59.1	60.4	61.0	61.9	62.3	62.3	62.3	62.3	62.3	
GE 20000	57.1	64.1	65.4	66.0	67.0	67.4	67.4	67.4	67.4	67.4	
GE 18000	57.1	64.1	65.4	66.0	67.0	67.4	67.4	67.4	67.4	67.4	
GE 16000	57.1	64.1	65.4	66.0	67.0	67.4	67.4	67.4	67.4	67.4	
GE 14000	61.1	64.1	65.9	66.4	67.4	67.9	67.9	67.9	67.9	67.9	
GE 12000	63.1	66.4	67.9	68.4	69.4	69.9	69.9	69.9	69.9	69.9	
GE 10000	68.3	72.1	73.5	74.4	75.4	75.9	75.9	75.9	75.9	75.9	
GE 9000	69.1	73.0	74.7	75.8	76.8	76.8	76.8	76.8	76.8	76.8	
GE 8000	72.3	76.5	78.3	79.3	80.1	80.5	80.5	80.5	80.5	80.5	
GE 7000	73.5	77.5	79.5	80.5	81.4	81.9	81.9	81.9	81.9	81.9	
GE 6000	73.9	78.1	79.8	80.7	82.0	82.4	82.4	82.4	82.4	82.4	
GE 5000	74.4	78.7	80.5	81.5	82.6	83.2	83.2	83.2	83.2	83.2	
GE 4500	74.5	78.8	80.7	81.6	82.9	83.5	83.6	83.6	83.6	83.6	
GE 4000	74.9	79.2	81.3	84.3	85.9	86.3	86.5	86.5	86.5	86.7	
GE 3500	75.5	80.0	83.0	84.5	86.2	86.7	86.9	86.9	86.9	87.0	
GE 3000	76.7	81.1	83.9	85.0	86.8	87.2	87.4	87.4	87.4	87.5	
GE 2500	77.5	82.1	84.9	86.2	88.0	88.4	88.7	88.7	88.7	88.8	
GE 2000	78.1	82.9	85.6	86.9	88.7	89.1	89.3	89.3	89.3	89.4	
GE 1800	78.7	83.2	85.9	87.3	89.1	89.5	89.7	89.7	89.7	89.9	
GE 1500	79.3	83.8	86.4	87.8	89.6	90.0	90.2	90.2	90.2	90.3	
GE 1200	79.4	84.1	87.3	88.9	90.6	91.2	91.4	91.4	91.4	91.7	
GE 1000	80.1	84.9	88.1	89.7	91.6	92.0	92.2	92.2	92.2	92.4	
GE 900	80.4	85.7	89.0	90.7	92.7	93.1	93.3	93.3	93.3	93.5	
GE 800	80.7	86.2	89.0	92.0	94.0	94.4	94.7	94.7	94.7	94.9	
GE 700	81.3	86.9	90.6	92.6	94.6	95.0	95.2	95.2	95.2	95.4	
GE 600	81.3	86.9	90.6	92.7	94.9	95.4	95.7	96.0	96.0	96.3	
GE 500	81.7	87.2	91.1	93.3	95.7	96.2	96.5	96.9	96.9	97.3	
GE 400	81.7	87.2	91.1	93.3	96.0	96.7	97.0	97.6	97.6	98.0	
GE 300	82.0	87.6	91.4	93.7	96.3	97.1	97.4	98.0	98.0	98.4	
GE 200	82.1	87.7	91.6	93.8	96.6	97.6	97.9	98.4	98.4	98.8	
GE 100	82.1	87.7	91.6	93.8	96.8	97.6	97.9	98.4	98.4	98.8	
GE 000	82.1	87.7	91.6	93.8	96.8	97.6	97.9	98.4	98.4	98.8	

TOTAL NUMBER OF OBSERVATIONS 900

USE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: SEP HOURS: 06-08

CEILING IN STATUTE MILES										
GE 1/2	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
62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.5
83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
83.4	83.4	83.4	83.4	83.6	83.6	83.5	83.6	83.6	83.6	83.5
86.5	86.5	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
87.4	87.4	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6
88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
93.3	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
95.7	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
96.5	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
97.0	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
97.4	98.0	98.0	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
97.9	98.4	98.4	99.2	99.3	99.3	99.4	99.4	99.4	99.7	99.7
97.9	98.4	98.4	99.2	99.3	99.3	99.4	99.4	99.4	99.7	100.0
97.9	98.4	98.4	99.2	99.3	99.3	99.4	99.4	99.4	99.7	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEIL
FROM MONTHLY OBSERVATIONS

STATION NUMBER: 723-40 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	10+	7	5	0E 5	0E 4	0E 3	0E 2 1/2	0E 2	0E 1 1/2	0E 1 1/4	0E 1
NO CEIL	91.0	89.1	84.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9	
0E 20000	85.4	87.2	88.7	88.8	89.2	89.2	89.2	89.2	89.2	89.2	
0E 15000	85.4	87.2	88.4	88.8	89.2	89.2	89.2	89.2	89.2	89.2	
0E 10000	85.4	87.2	88.2	88.8	89.2	89.2	89.2	89.2	89.2	89.2	
0E 9000	85.7	87.5	70.2	70.3	70.6	70.6	70.6	70.6	70.6	70.6	
0E 8000	70.1	71.9	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	
0E 7000	71.9	74.9	75.3	75.6	75.2	75.2	75.2	75.2	75.2	75.2	
0E 6000	72.5	75.5	76.5	76.7	76.9	76.9	76.9	76.9	76.9	76.9	
0E 5000	73.1	76.1	77.7	77.8	80.1	80.1	80.1	80.1	80.1	80.1	
0E 4500	73.5	76.5	81.4	81.5	81.9	81.9	81.9	81.9	81.9	81.9	
0E 4000	73.1	76.1	82.7	83.1	83.3	83.3	83.3	83.3	83.3	83.3	
0E 3500	74.4	77.4	83.2	83.4	83.7	83.8	83.8	83.8	83.8	83.8	
0E 3000	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 2900	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 2800	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 2700	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 2600	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 2500	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 2400	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 2300	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 2200	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 2100	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 2000	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 1900	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 1800	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 1700	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 1600	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 1500	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 1400	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 1300	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 1200	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 1100	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 1000	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 900	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 800	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 700	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 600	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 500	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 400	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 300	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 200	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 100	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	
0E 000	74.4	77.4	83.3	83.5	83.9	83.9	83.9	83.9	83.9	83.9	

TOTAL NUMBER OF OBSERVATIONS 900

NTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: SEP HOURS: 09-11

CEILING IN HUNDREDS OF FEET / VISIBILITY IN STATUTE MILES	GE 2 1/2	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
	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	99.1	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
	99.2	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.2	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.2	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE FOR CEIL
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72353 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH: S

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	99.7	97.4	96.1	95.9	95.7	95.7	95.9	95.9	95.9	95.9
25000	97.1	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
20000	97.1	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
18000	97.1	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
16000	97.2	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
14000	96.2	97.0	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6
12000	95.9	97.0	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5
10000	94.3	97.1	97.1	97.4	97.5	97.6	97.6	97.6	97.6	97.6
9000	94.3	97.1	97.2	97.3	97.3	97.4	97.5	97.5	97.5	97.5
8000	94.1	97.1	97.2	97.3	97.3	97.4	97.5	97.5	97.5	97.5
7000	93.9	97.0	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4
6000	93.9	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3
5000	93.1	96.7	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1
4500	92.8	96.5	96.7	96.9	97.0	97.1	97.1	97.1	97.1	97.1
4000	92.5	96.4	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8
3500	92.0	96.1	96.4	96.6	96.6	96.7	96.8	96.8	96.8	96.8
3000	91.4	95.9	96.3	96.5	96.5	96.6	96.7	96.7	96.7	96.7
2500	91.2	95.7	96.2	96.3	96.3	96.4	96.5	96.5	96.5	96.5
2000	90.5	95.4	96.0	96.2	96.3	96.4	96.5	96.5	96.5	96.5
1500	89.7	94.1	95.1	95.3	95.3	95.4	95.5	95.6	95.6	95.6
1000	81.2	84.2	85.2	85.5	85.5	85.6	85.7	85.8	85.9	85.9
900	81.0	84.0	85.0	85.3	85.3	85.4	85.5	85.6	85.7	85.7
800	80.2	83.5	84.6	84.9	84.9	85.0	85.1	85.2	85.3	85.3
700	78.4	82.1	83.3	83.7	83.7	83.8	83.9	84.0	84.1	84.1
600	73.7	77.4	78.6	79.1	79.1	79.2	79.4	79.4	79.4	79.4
500	63.7	67.4	68.6	69.1	69.1	69.2	69.4	69.4	69.4	69.4
400	54.0	57.5	58.7	59.2	59.2	59.3	59.7	59.7	59.7	59.7
300	44.0	47.5	48.8	49.0	49.5	49.6	49.7	100.0	100.0	100.0
200	34.0	37.4	38.6	39.0	39.5	39.6	39.7	100.0	100.0	100.0
100	24.0	27.3	28.5	28.9	29.4	29.5	29.7	100.0	100.0	100.0
000	24.0	27.3	28.5	28.9	29.4	29.5	29.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 960

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: SEP HOURS: 12-14

CEILING IN STATUTE MILES

GE 1/2	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
[illegible]	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
[illegible]	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
[illegible]	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
[illegible]	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
[illegible]	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
[illegible]	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
[illegible]	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
[illegible]	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
[illegible]	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
[illegible]	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
[illegible]	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
[illegible]	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
[illegible]	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
[illegible]	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
[illegible]	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
[illegible]	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
[illegible]	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
[illegible]	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
[illegible]	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
[illegible]	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
[illegible]	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
[illegible]	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
[illegible]	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
[illegible]	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
[illegible]	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
[illegible]	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
[illegible]	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
CHARLOTTE, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723140 STATION NAME: TIMMER AFL, NC
LST TO UTC: + 5

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	10	9	8	7	6	5	4	3	2 1/2	2
NO CEIL	51.3	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
22000	73.5	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
18000	73.7	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.
17000	73.7	74.4	74.5	74.5	74.5	74.5	74.5	74.	74.5	74.
16000	73.8	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
15000	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
14000	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
13000	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
12000	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
11000	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
10000	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
9000	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
8000	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
7000	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
6000	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
5000	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
4500	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
4000	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
3500	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
3000	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
2500	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
2200	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
2000	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
1800	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
1600	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
1400	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
1200	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
1000	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
900	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
800	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
700	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
600	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
500	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
400	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
300	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
200	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
100	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
0	73.8	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6

TOTAL NUMBER OF OBSERVATIONS 9

F FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: SEP HOURS: 15-17

CEILING IN HUNDREDS OF FEET | VISIBILITY IN STATUTE MILES

	GE 10	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 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
GE 22	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 20	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 18	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 16	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 14	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 12	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 10	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 8	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1
GE 0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4
	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6
	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	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	99.8	99.8	99.8	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	100.0	100.0	100.0	100.0
	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

OPERATING LOCATION: NAW
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATI

STATION NUMBER: 723140 STATION NAME: TINKER AF OK
LST TO UTC: + 6

CEILING IN FEET	CEILING	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]	67.2	67.2	67.2	67.2	67.2	67.2	67.2	[illegible]
22000	75.7	76.2	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76
14000	76.9	76.6	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77
10000	76.9	76.6	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77
8000	76.9	76.6	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77
7000	77.0	77.1	77.1	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77
6000	81.1	82.7	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83
5000	81.1	82.7	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83
4500	84.1	85.1	85.3	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85
4000	86.1	86.4	87.0	87.2	87.5	87.7	87.7	87.7	87.7	87.7	87
3500	86.1	86.4	87.0	87.2	87.5	87.7	87.7	87.7	87.7	87.7	87
3000	87.3	88.2	88.4	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89
2500	87.7	89.1	90.1	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90
2400	87.7	89.1	90.1	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90
2200	88.2	89.4	90.4	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91
2000	88.2	89.4	90.4	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91
1800	88.6	89.8	90.8	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91
1700	88.6	89.8	90.8	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91
1600	88.6	89.8	90.8	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91
1500	88.6	89.8	90.8	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91
1400	88.6	89.8	90.8	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91
1300	88.6	89.8	90.8	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91
1200	88.6	89.8	90.8	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91
1100	88.6	89.8	90.8	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91
1000	88.6	89.8	90.8	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91
900	88.6	89.8	90.8	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91
800	88.6	89.8	90.8	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91
700	88.6	89.8	90.8	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91
600	88.6	89.8	90.8	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91
500	88.6	89.8	90.8	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91
400	88.6	89.8	90.8	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91
300	88.6	89.8	90.8	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91
200	88.6	89.8	90.8	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91
100	88.6	89.8	90.8	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91
0	88.6	89.8	90.8	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] AFB, OK PERIOD OF RECORD: MAR 73 - FEB 79
MONTH: SEP HOURS: 18-20

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	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
[illegible]	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
[illegible]	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
[illegible]	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
[illegible]	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
[illegible]	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
[illegible]	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
[illegible]	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
[illegible]	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
[illegible]	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
[illegible]	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
[illegible]	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
[illegible]	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
[illegible]	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
[illegible]	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
[illegible]	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
[illegible]	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
[illegible]	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
[illegible]	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
[illegible]	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
[illegible]	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
[illegible]	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
[illegible]	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
[illegible]	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
[illegible]	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
[illegible]	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
[illegible]	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
[illegible]	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	99.5	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION: MAM
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NO: 723170 STATION NAME: TIMMERMAN AGR AP
LST TO UTC: + 5

PERIOD:
YEARS:

CEILING	VISIBILITY IN STATUTE MILES										
FEET	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1		
[illegible]	72.2	72.4	72.7	72.9	73.0	73.1	73.1	73.1	73.1	73.1	
[illegible]	76.6	77.1	77.4	77.7	77.8	77.9	77.9	77.9	77.9	77.9	
[illegible]	76.6	77.2	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	
[illegible]	77.3	77.4	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	
[illegible]	77.5	78.0	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	
[illegible]	78.1	78.6	79.	79.3	79.4	79.4	79.4	79.4	79.4	79.4	
[illegible]	79.3	79.8	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5	
[illegible]	80.7	81.2	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	
[illegible]	81.4	81.9	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6	
[illegible]	81.7	82.2	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	
[illegible]	82.0	82.5	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	
[illegible]	82.2	82.7	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	
[illegible]	82.3	82.8	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	
[illegible]	82.4	82.9	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	
[illegible]	82.5	83.0	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7	
[illegible]	82.6	83.1	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	
[illegible]	82.7	83.2	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	
[illegible]	82.8	83.3	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	
[illegible]	82.9	83.4	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	

TOTAL NUMBER OF OBSERVATIONS 960

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: SEP HOURS: 21-23

CEILING IN STATUTE MILES

VIS IN STATUTE MILES	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 1/2	GE 3/8	GE 1/4	GE 0
	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
	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	77.3	77.3
	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	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
	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF O-
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 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	54.1	55.4	56.9	56.2	56.4	56.4	56.4	56.4	56.4	56.4
≥ 20000	70.7	72.2	72.8	73.0	73.2	73.3	73.3	73.3	73.3	73.3
≥ 15000	71.3	72.4	73.0	73.2	73.4	73.5	73.5	73.5	73.5	73.5
≥ 14000	71.3	72.5	73.1	73.3	73.5	73.5	73.5	73.5	73.5	73.7
≥ 13000	71.4	73.0	73.6	73.8	74.1	74.1	74.1	74.1	74.1	74.1
≥ 12000	72.3	74.0	75.1	75.4	75.6	75.7	75.7	75.7	75.7	75.7
≥ 11000	77.1	79.0	79.7	79.9	80.1	80.2	80.2	80.2	80.2	80.2
≥ 10000	77.4	79.3	80.1	80.3	80.6	80.6	80.6	80.6	80.6	80.6
≥ 9000	78.2	81.0	82.7	83.0	83.2	83.3	83.3	83.3	83.3	83.4
≥ 8000	80.9	83.8	84.8	84.1	84.4	84.5	84.5	84.5	84.5	84.5
≥ 7000	81.4	83.6	84.4	84.7	85.0	85.1	85.1	85.1	85.1	85.1
≥ 6000	82.8	84.9	85.5	85.8	85.9	86.0	86.0	86.0	86.0	86.0
≥ 5000	83.7	86.0	87.1	87.5	87.8	87.9	87.9	87.9	87.9	87.9
≥ 4500	85.0	87.3	88.1	88.5	88.7	88.8	88.8	88.8	88.8	88.8
≥ 4000	85.4	87.8	89.0	89.4	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3500	86.4	88.8	90.1	90.4	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000	86.7	89.1	90.4	91.0	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2500	87.0	89.4	91.7	92.3	92.7	92.8	92.8	92.8	92.8	92.8
≥ 2000	87.4	91.2	92.5	93.2	93.6	93.8	93.8	93.8	93.8	93.8
≥ 1800	87.7	91.4	92.7	93.3	93.8	94.0	94.0	94.0	94.0	94.1
≥ 1600	88.0	91.5	93.0	93.7	94.1	94.3	94.4	94.4	94.4	94.4
≥ 1400	88.3	92.2	93.5	94.5	95.0	95.2	95.3	95.3	95.3	95.3
≥ 1200	89.1	93.2	94.6	95.3	95.8	96.0	96.1	96.1	96.1	96.2
≥ 1000	89.4	93.5	94.9	95.7	96.2	96.4	96.5	96.5	96.5	96.5
≥ 900	89.5	93.7	95.4	96.3	96.9	97.0	97.2	97.2	97.2	97.2
≥ 800	89.7	93.9	95.7	96.6	97.3	97.4	97.5	97.5	97.5	97.5
≥ 700	89.8	94.1	95.9	96.9	97.5	97.6	97.7	97.8	97.8	97.8
≥ 600	90.1	94.4	96.2	97.4	98.2	98.3	98.6	98.7	98.7	98.8
≥ 500	90.2	94.6	96.5	97.5	98.4	98.5	98.9	99.0	99.0	99.1
≥ 400	90.3	94.7	96.7	97.7	98.6	98.9	99.2	99.3	99.3	99.4
≥ 300	90.4	94.7	96.7	97.8	98.6	99.0	99.3	99.5	99.5	99.7
≥ 200	90.4	94.7	96.7	97.8	98.8	99.0	99.4	99.6	99.6	99.7
≥ 100	90.4	94.7	96.7	97.8	98.8	99.0	99.4	99.6	99.6	99.7
< 100	90.4	94.7	96.7	97.8	98.8	99.0	99.4	99.6	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 7209

-CENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TINKER AFB OK — PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	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
.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.5
.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
.5	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2
.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7
.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
.3	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
.3	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1
.7	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
.5	93.5	93.5	93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9
.7	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5
.3	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
.3	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.3	96.3
.2	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
.3	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
.3	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.7	97.7
.3	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
.2	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
.4	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
.5	99.1	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
.3	99.3	99.3	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
.2	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9
.1	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72364 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERIOD
MONTH:

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	51.0	51.0	52.2	52.4	52.5	52.6	52.6	52.7	52.8	52.8
25000	55.1	55.3	55.7	56.0	57.0	57.1	57.3	57.3	57.3	57.3
22000	55.1	55.3	55.7	56.0	57.0	57.1	57.3	57.3	57.3	57.3
20000	55.1	55.3	55.7	56.0	57.0	57.1	57.3	57.3	57.3	57.3
18000	56.3	56.7	57.0	57.2	57.3	57.4	57.5	57.6	57.6	57.6
17000	57.7	58.0	58.3	58.5	58.6	58.7	58.9	59.0	59.0	59.0
16000	58.3	58.6	59.1	59.4	59.5	59.5	59.6	59.7	59.7	59.
15000	60.3	60.6	61.1	61.4	61.5	61.5	61.6	61.8	61.8	61.8
14000	71.0	71.4	71.9	72.2	72.3	72.4	72.5	72.6	72.6	72.6
13000	71.6	72.0	72.6	72.9	72.9	73.0	73.2	73.2	73.2	73.2
12000	72.4	72.8	73.4	73.8	73.9	73.9	74.1	74.2	74.2	74.2
11000	73.2	73.6	74.1	74.5	74.6	74.7	74.9	75.0	75.0	75.0
10000	74.1	74.4	74.9	75.2	75.3	75.4	75.5	75.6	75.6	75.
9000	76.7	77.1	77.6	78.0	78.1	78.2	78.4	78.5	78.5	78.5
8500	77.2	77.6	78.1	78.4	78.5	78.6	78.8	78.9	78.9	78.9
8000	78.3	78.7	79.2	79.6	79.7	79.8	80.0	80.1	80.1	80.1
7500	79.5	79.9	80.4	80.8	80.9	81.0	81.2	81.3	81.3	81.3
7000	81.2	81.6	82.1	82.5	82.6	82.7	82.9	83.0	83.0	83.0
6500	81.9	82.3	82.8	83.1	83.2	83.3	83.5	83.6	83.6	83.6
6000	83.5	83.9	84.4	84.7	84.8	84.9	85.1	85.2	85.2	85.2
5500	84.3	84.7	85.2	85.5	85.6	85.7	85.9	86.0	86.0	86.0
5000	85.1	85.5	86.0	86.3	86.4	86.5	86.7	86.8	86.8	86.8
4500	86.5	86.9	87.4	87.7	87.8	87.9	88.1	88.2	88.2	88.2
4000	87.3	87.7	88.2	88.5	88.6	88.7	88.9	89.0	89.0	89.0
3500	88.2	88.6	89.1	89.4	89.5	89.6	89.8	89.9	89.9	89.9
3000	89.4	89.8	90.3	90.6	90.7	90.8	91.0	91.1	91.1	91.1
2500	90.2	90.6	91.1	91.4	91.5	91.6	91.8	91.9	91.9	91.9
2000	91.9	92.3	92.8	93.1	93.2	93.3	93.4	93.5	93.5	93.5
1800	92.3	92.7	93.2	93.5	93.6	93.7	93.9	94.0	94.0	94.0
1600	92.8	93.2	93.7	94.0	94.1	94.2	94.4	94.5	94.5	94.5
1400	93.4	93.8	94.3	94.6	94.7	94.8	95.0	95.1	95.1	95.1
1200	93.9	94.3	94.8	95.1	95.2	95.3	95.5	95.6	95.6	95.6
1000	94.6	95.0	95.5	95.8	95.9	96.0	96.2	96.3	96.3	96.3
900	94.9	95.3	95.8	96.1	96.2	96.3	96.5	96.6	96.6	96.6
800	95.2	95.6	96.1	96.4	96.5	96.6	96.8	96.9	96.9	96.9
700	95.4	95.8	96.3	96.6	96.7	96.8	97.0	97.1	97.1	97.1
600	95.6	96.0	96.5	96.8	96.9	97.0	97.2	97.3	97.3	97.3
500	96.2	96.6	97.0	97.3	97.4	97.5	97.7	97.8	97.8	97.8
400	96.2	96.6	97.1	97.4	97.5	97.6	97.8	97.9	97.9	97.9
300	96.2	96.6	97.1	97.4	97.5	97.6	97.8	97.9	97.9	97.9
200	96.2	96.6	97.1	97.4	97.5	97.6	97.8	97.9	97.9	97.9
100	96.2	96.6	97.1	97.4	97.5	97.6	97.8	97.9	97.9	97.9
0	96.2	96.6	97.1	97.4	97.5	97.6	97.8	97.9	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS 930

CY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: OCT HOURS: 00-02

STATUTE MILES								
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
62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9
67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4
67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4
67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4
67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7
68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0
69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9
69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9
72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7
73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3
73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9
74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5
75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7
78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5
80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6
82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5
84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4
87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4
89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2
89.1	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4
89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0
91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2
92.0	92.0	92.2	92.4	92.4	92.4	92.4	92.4	92.4
93.7	93.7	93.9	94.1	94.1	94.1	94.1	94.1	94.2
94.8	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.4
95.9	95.9	96.1	96.6	96.6	96.8	96.8	96.8	96.9
96.3	96.3	96.7	97.1	97.1	97.5	97.5	97.6	97.7
96.3	96.3	96.7	97.3	97.3	98.1	98.1	98.3	98.7
96.3	96.3	96.7	97.3	97.3	98.2	98.2	98.4	100.0

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE [illegible]
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 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	59.2	60.0	60.3	60.8	60.9	61.0	61.2	61.2	61.2	61.3
GE 20000	61.7	62.5	62.7	63.2	63.3	63.4	63.7	63.7	63.7	63.
GE 18000	61.7	62.5	62.7	63.2	63.3	63.4	63.7	63.7	63.7	63.
GE 16000	61.9	62.7	63.0	63.4	63.5	63.7	63.9	63.9	63.9	64.
GE 14000	62.5	63.3	63.5	63.9	63.9	64.0	64.2	64.2	64.2	64.
GE 12000	62.7	63.4	63.7	64.2	64.3	64.4	64.5	64.5	64.5	64.7
GE 10000	65.2	66.0	66.2	66.7	66.8	66.9	67.1	67.1	67.1	67.
GE 9000	65.4	66.1	66.3	66.9	67.0	67.1	67.3	67.3	67.3	67.
GE 8000	67.1	67.9	68.2	68.5	68.7	68.8	69.0	69.0	69.0	69.
GE 7000	67.7	68.5	68.8	69.2	69.4	69.5	69.7	69.7	69.7	69.
GE 6000	68.2	68.9	69.2	69.7	69.9	70.0	70.1	70.1	70.1	70.
GE 5000	69.4	70.3	70.6	71.0	71.2	71.3	71.4	71.4	71.4	72.
GE 4500	71.3	71.7	72.0	72.5	72.7	72.8	73.0	73.0	73.0	73.
GE 4000	73.3	74.3	74.7	75.3	75.4	75.5	75.7	75.7	75.7	75.
GE 3500	73.6	74.4	74.9	75.4	75.5	75.6	75.8	75.8	75.8	76.
GE 3000	74.1	75.3	75.7	76.2	76.3	76.5	76.7	76.7	76.7	76.
GE 2500	75.1	75.5	77.2	78.2	78.3	78.4	78.6	78.6	78.6	78.
GE 2000	77.3	78.7	79.5	80.4	80.5	80.5	80.7	80.9	80.9	81.
GE 1800	77.6	79.2	80.0	81.1	81.2	81.3	81.5	81.5	81.5	81.
GE 1500	79.2	80.6	81.4	82.5	82.7	82.8	83.0	83.0	83.0	83.
GE 1200	80.1	81.4	82.4	83.5	83.7	83.8	84.0	84.0	84.0	84.
GE 1000	80.4	82.2	83.2	84.7	84.9	84.9	85.2	85.2	85.2	85.
GE 900	80.4	82.4	83.4	84.9	85.1	85.2	85.4	85.4	85.4	85.
GE 800	81.3	83.4	84.5	86.1	86.5	86.6	86.8	86.8	86.8	86.
GE 700	81.5	83.5	84.6	86.5	86.9	87.0	87.3	87.3	87.3	87.
GE 600	81.8	83.9	85.0	87.4	88.2	88.3	88.8	88.8	88.8	89.
GE 500	82.9	85.2	87.3	89.5	90.5	90.9	91.6	91.6	91.6	91.
GE 400	82.9	85.3	87.7	90.2	91.3	92.2	93.2	93.3	93.3	93.
GE 300	82.9	85.5	88.4	90.9	92.7	93.1	94.4	95.2	95.2	95.
GE 200	82.9	85.5	88.4	91.0	92.8	93.3	95.1	95.9	95.9	96.
GE 100	82.9	85.6	88.4	91.0	92.8	93.3	95.4	96.3	96.3	97.
GE 000	82.9	85.6	88.4	91.0	92.8	93.3	95.4	96.3	96.3	97.

TOTAL NUMBER OF OBSERVATIONS 930

...F FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

...AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: OCT HOURS: 03-05

CEILING IN HUNDREDS OF FEET / VISIBILITY IN STATUTE MILES	GE 1/2	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
	51.0	51.2	51.2	51.2	51.3	51.3	51.3	61.3	61.4	51.5	51.5
	53.4	53.7	53.7	53.7	53.8	53.9	63.9	63.9	64.0	64.1	64.1
	53.4	53.7	53.7	53.7	53.8	53.9	63.9	63.9	64.0	64.1	64.1
	53.7	53.9	53.9	53.9	54.0	64.1	64.1	64.1	64.2	64.3	64.3
	54.0	54.2	54.2	54.2	64.3	54.4	64.4	54.4	64.5	64.5	64.6
	54.4	54.6	54.6	54.6	64.7	54.8	64.8	64.8	64.9	65.1	65.1
	57.0	57.1	57.1	57.1	57.2	57.3	67.3	67.3	67.4	57.5	67.5
	57.1	57.3	57.3	57.3	57.4	57.5	67.5	67.5	67.6	67.7	67.7
	59.0	59.0	59.0	59.0	69.1	69.2	69.2	69.2	69.4	69.5	69.5
	69.6	69.7	69.7	69.7	69.8	69.9	69.9	69.9	70.0	70.1	70.1
	70.0	70.1	70.1	70.1	70.2	70.3	70.3	70.3	70.4	70.5	70.5
	71.7	71.9	71.9	71.9	72.0	72.2	72.2	72.2	72.3	72.4	72.4
	72.9	73.0	73.0	73.0	73.1	73.2	73.2	73.2	73.3	73.4	73.4
	75.6	75.7	75.7	75.7	75.8	75.9	75.9	75.9	76.0	76.1	76.1
	75.8	75.8	75.8	75.8	75.9	76.0	76.0	76.0	76.1	76.2	76.2
	76.5	76.7	76.7	76.7	76.8	76.9	76.9	76.9	77.0	77.1	77.1
	78.4	78.6	78.6	78.6	78.7	78.8	78.8	78.8	78.9	79.0	79.0
	80.8	80.9	80.9	80.9	81.0	81.1	81.1	81.1	81.2	81.3	81.3
	81.3	81.5	81.5	81.5	81.6	81.7	81.7	81.7	81.8	81.9	81.9
	82.9	83.0	83.0	83.0	83.1	83.2	83.2	83.2	83.3	83.4	83.4
	83.9	84.0	84.0	84.0	84.1	84.2	84.2	84.2	84.3	84.4	84.4
	84.9	85.2	85.2	85.2	85.3	85.4	85.4	85.4	85.5	85.6	85.6
	85.2	85.4	85.4	85.4	85.5	85.6	85.6	85.6	85.7	85.8	85.8
	86.6	86.8	86.8	86.8	86.9	87.0	87.0	87.0	87.1	87.2	87.2
	87.0	87.3	87.3	87.3	87.4	87.5	87.5	87.5	87.6	87.7	87.7
	88.7	88.8	88.8	88.8	88.9	89.0	89.0	89.0	89.1	89.2	89.2
	91.0	91.6	91.6	91.6	91.8	91.9	91.9	91.9	92.0	92.2	92.2
	92.2	93.2	93.3	93.3	93.9	94.0	94.0	94.0	94.1	94.2	94.2
	93.1	94.4	95.2	95.2	95.7	96.0	96.0	96.0	96.1	96.2	96.3
	93.3	95.1	95.9	95.9	96.7	97.4	97.4	97.5	97.6	97.7	97.8
	93.3	95.4	96.3	96.3	97.1	98.0	98.0	98.1	98.5	98.9	99.0
	93.3	95.4	96.3	96.3	97.1	98.0	98.0	98.1	98.5	99.0	100.0

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIO

STATION NUMBER: 723643 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

CEILING IN FEET	10	9	8	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
						VISIBILITY IN STATUTE MILES							
NO CEIL	44.0	46.4	48.0	50.3	51.1	51.5	51.7	51.7	51.8	51.8	51.8	51.8	51.8
25000	52.3	53.3	54.0	54.7	55.5	55.9	56.1	56.1	56.2	56.2	56.2	56.2	56.2
20000	53.0	53.4	54.1	54.8	55.6	56.0	56.2	56.2	56.3	56.3	56.3	56.3	56.3
18000	53.0	53.6	54.1	54.9	55.6	56.0	56.2	56.2	56.3	56.3	56.3	56.3	56.3
17000	53.1	53.6	54.2	54.9	55.7	56.1	56.3	56.3	56.5	56.5	56.5	56.5	56.5
16000	53.4	54.	54.5	55.2	56.0	56.4	56.6	56.6	56.7	56.7	56.7	56.7	56.7
15000	53.4	54.1	54.8	55.5	56.3	56.7	56.9	56.9	57.0	57.0	57.0	57.0	57.0
14000	53.7	54.3	55.0	55.7	56.5	56.9	57.1	57.1	57.2	57.2	57.2	57.2	57.2
13000	54.1	54.7	55.4	56.1	56.9	57.3	57.5	57.5	57.6	57.6	57.6	57.6	57.6
12000	54.4	55.0	55.7	56.4	57.2	57.6	57.8	57.8	57.9	57.9	57.9	57.9	57.9
11000	54.7	55.3	56.0	56.7	57.5	57.9	58.1	58.1	58.2	58.2	58.2	58.2	58.2
10000	55.1	55.7	56.4	57.1	57.9	58.3	58.5	58.5	58.6	58.6	58.6	58.6	58.6
9000	55.3	56.0	56.7	57.4	58.2	58.6	58.8	58.8	58.9	58.9	58.9	58.9	58.9
8000	55.8	56.4	57.1	57.8	58.6	59.0	59.2	59.2	59.3	59.3	59.3	59.3	59.3
7000	56.3	56.9	57.6	58.3	59.1	59.5	59.7	59.7	59.8	59.8	59.8	59.8	59.8
6000	56.8	57.4	58.1	58.8	59.6	60.0	60.2	60.2	60.3	60.3	60.3	60.3	60.3
5000	57.1	57.7	58.4	59.1	59.9	60.3	60.5	60.5	60.6	60.6	60.6	60.6	60.6
4500	57.1	57.7	58.4	59.1	59.9	60.3	60.5	60.5	60.6	60.6	60.6	60.6	60.6
4000	57.3	57.9	58.6	59.3	60.1	60.5	60.7	60.7	60.8	60.8	60.8	60.8	60.8
3500	57.6	58.2	58.9	59.6	60.4	60.8	61.0	61.0	61.1	61.1	61.1	61.1	61.1
3000	58.1	58.7	59.4	60.1	60.9	61.3	61.5	61.5	61.6	61.6	61.6	61.6	61.6
2500	58.4	59.0	59.7	60.4	61.3	61.7	61.9	61.9	62.0	62.0	62.0	62.0	62.0
2000	58.6	59.2	59.9	60.6	61.5	61.9	62.1	62.1	62.2	62.2	62.2	62.2	62.2
1800	58.8	59.4	60.1	60.8	61.7	62.1	62.3	62.3	62.4	62.4	62.4	62.4	62.4
1700	58.9	59.5	60.2	60.9	61.8	62.2	62.4	62.4	62.5	62.5	62.5	62.5	62.5
1600	59.0	59.6	60.3	61.0	61.9	62.3	62.5	62.5	62.6	62.6	62.6	62.6	62.6
1500	59.1	59.7	60.4	61.1	62.0	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7
1400	59.2	59.8	60.5	61.2	62.1	62.5	62.7	62.7	62.8	62.8	62.8	62.8	62.8
1300	59.3	59.9	60.6	61.3	62.2	62.6	62.8	62.8	62.9	62.9	62.9	62.9	62.9
1200	59.4	60.0	60.7	61.4	62.3	62.7	62.9	62.9	63.0	63.0	63.0	63.0	63.0
1100	59.5	60.1	60.8	61.5	62.4	62.8	63.0	63.0	63.1	63.1	63.1	63.1	63.1
1000	59.6	60.2	60.9	61.6	62.5	62.9	63.1	63.1	63.2	63.2	63.2	63.2	63.2
900	59.7	60.3	61.0	61.7	62.6	63.0	63.2	63.2	63.3	63.3	63.3	63.3	63.3
800	59.8	60.4	61.1	61.8	62.7	63.1	63.3	63.3	63.4	63.4	63.4	63.4	63.4
700	59.9	60.5	61.2	61.9	62.8	63.2	63.4	63.4	63.5	63.5	63.5	63.5	63.5
600	60.0	60.6	61.3	62.0	62.9	63.3	63.5	63.5	63.6	63.6	63.6	63.6	63.6
500	60.1	60.7	61.4	62.1	63.0	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.7
400	60.2	60.8	61.5	62.2	63.1	63.5	63.7	63.7	63.8	63.8	63.8	63.8	63.8
300	60.3	60.9	61.6	62.3	63.2	63.6	63.8	63.8	63.9	63.9	63.9	63.9	63.9
200	60.3	60.9	61.6	62.3	63.2	63.6	63.8	63.8	63.9	63.9	63.9	63.9	63.9
100	60.3	60.9	61.6	62.3	63.2	63.6	63.8	63.8	63.9	63.9	63.9	63.9	63.9
000	60.3	60.9	61.6	62.3	63.2	63.6	63.8	63.8	63.9	63.9	63.9	63.9	63.9

TOTAL NUMBER OF OBSERVATIONS 930

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: OCT HOURS: 06-08

CEILING IN 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
	51.7	51.7	51.8	52.0	52.0	52.0	52.4	52.4	52.4	52.4
	56.1	56.1	56.2	56.5	56.5	56.5	56.8	56.8	56.8	56.8
	56.2	56.2	56.3	56.6	56.6	56.6	56.9	56.9	56.9	56.9
	56.2	56.2	56.3	56.6	56.6	56.6	56.9	56.9	56.9	56.9
	56.3	56.3	56.5	56.7	56.7	56.7	57.0	57.0	57.0	57.0
	57.6	57.6	57.7	58.0	58.0	58.0	58.3	58.3	58.3	58.3
	60.6	60.6	60.8	61.0	61.0	61.0	61.3	61.3	61.3	61.3
	61.1	61.1	61.2	61.4	61.4	61.4	61.7	61.7	61.7	61.7
	65.5	65.5	65.6	65.8	65.8	65.8	66.1	66.1	66.1	66.1
	66.7	66.7	66.8	67.0	67.0	67.0	67.3	67.3	67.3	67.3
	67.2	67.2	67.3	67.5	67.5	67.5	67.8	67.8	67.8	67.8
	68.8	68.8	68.9	69.1	69.1	69.1	69.5	69.5	69.5	69.5
	70.0	70.0	70.1	70.3	70.3	70.3	70.6	70.6	70.6	70.6
	72.0	72.0	72.2	72.4	72.4	72.4	72.7	72.7	72.7	72.7
	72.6	72.6	72.7	72.9	72.9	72.9	73.2	73.2	73.2	73.2
	73.8	73.8	73.9	74.1	74.1	74.1	74.4	74.4	74.4	74.4
	74.9	74.9	75.1	75.3	75.3	75.3	75.6	75.6	75.6	75.6
	76.7	76.7	76.8	77.0	77.0	77.0	77.3	77.3	77.3	77.3
	77.4	77.4	77.5	77.7	77.7	77.7	78.1	78.1	78.1	78.1
	79.1	79.1	79.2	79.5	79.5	79.5	79.8	79.8	79.8	79.8
	81.5	81.5	81.6	81.8	81.8	81.8	82.2	82.2	82.2	82.2
	82.5	82.5	82.6	82.9	82.9	82.8	83.1	83.1	83.1	83.1
	83.2	83.2	83.3	83.5	83.5	83.5	83.9	83.9	83.9	83.9
	84.1	84.1	84.2	84.4	84.4	84.4	84.7	84.7	84.7	84.7
	85.3	85.3	85.4	85.7	85.8	85.8	86.1	86.1	86.1	86.1
	86.9	86.9	87.0	87.3	87.4	87.4	87.7	87.7	87.7	87.7
	90.4	90.4	90.6	91.0	91.1	91.1	91.4	91.4	91.4	91.4
	93.1	93.1	93.4	93.9	94.0	94.0	94.3	94.3	94.3	94.3
	95.2	95.2	95.5	96.2	96.3	96.5	96.9	96.9	97.0	97.0
	95.5	95.7	96.1	97.0	97.2	97.3	98.0	98.0	98.1	98.1
	95.7	95.9	96.3	97.4	99.1	98.2	98.8	98.9	99.0	99.2
	96.7	96.9	96.3	97.4	98.2	98.3	98.9	98.9	99.4	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

CEILING IN FEET	VISIBILITY IN STATUTE MILES 10	9	8	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
NO CEIL	51.8	51.9	51.9	52.0	52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.
20000	57.1	57.	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.
15000	57.	57.2	57.4	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.
12000	57.4	57.5	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.
10000	57.5	57.7	57.9	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.
9000	57.9	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.
8000	58.7	58.9	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.
7000	62.7	63.0	63.3	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.
6000	65.2	65.7	67.1	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.
5000	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.
4000	68.2	68.3	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.
3500	69.7	70.9	71.0	71.1	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.
3000	70.5	71.4	71.7	71.9	71.9	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.
2500	73.2	73.9	74.0	74.2	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.
2000	73.5	74.7	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.
1800	73.7	74.9	75.1	75.2	75.2	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.
1600	74.2	75.4	75.5	75.6	75.7	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.
1400	74.7	76.0	76.2	76.3	76.4	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.
1200	75.7	77.0	77.2	77.3	77.4	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.
1000	76.2	77.5	77.8	78.0	78.1	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.
900	76.5	77.8	78.1	78.3	78.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.
800	76.7	78.0	78.3	78.5	78.6	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.
700	77.1	78.4	78.7	78.9	79.0	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.
600	77.3	78.6	78.9	79.1	79.2	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.
500	77.4	78.7	79.0	79.2	79.3	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.
400	77.5	78.8	79.1	79.3	79.4	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.
300	77.5	78.8	79.1	79.3	79.4	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.
200	77.5	78.8	79.1	79.3	79.4	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.
100	77.5	78.8	79.1	79.3	79.4	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.
000	77.5	78.8	79.1	79.3	79.4	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.

TOTAL NUMBER OF OBSERVATIONS 930

CENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TINKER AFB OK PERIOD OF RECORD: MAR 79 - FEB 85
MONTH: OCT HOURS: 09-11

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/4	GE 1/4	GE 0
.3	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
.5	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
.8	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
1.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
1.2	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
1.3	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
1.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
1.5	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
1.6	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6
1.8	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
1.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
2.0	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
2.2	74.5	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
2.3	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
2.4	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
2.5	80.1	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
2.6	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
2.8	83.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
2.9	85.9	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
3.0	86.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
3.2	87.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
3.5	89.7	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
3.8	90.4	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
4.0	91.7	92.7	92.7	92.7	92.9	92.9	93.0	93.0	93.0	93.0	93.0
4.3	93.4	94.5	94.8	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.2
4.6	94.3	96.3	96.5	96.5	96.9	96.9	97.0	97.0	97.0	97.0	97.0
4.9	95.2	97.7	98.0	98.0	98.4	98.6	98.8	98.8	98.8	98.9	98.9
5.1	95.9	98.1	98.3	98.4	98.9	99.2	99.5	99.5	99.5	99.6	99.6
5.1	95.9	98.1	98.3	98.4	98.9	99.4	99.6	99.6	99.6	99.9	99.9
5.1	95.9	98.1	98.3	98.4	98.9	99.4	99.6	99.6	99.6	100.0	100.0

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72304 STATION NAME: KINSTON AFLD NC
LST TO UTC: + 5

PERIO
MONTH

CEILING	VISIBILITY IN STATUTE MILES									
	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1
FEET										
3 OR MORE	93.2	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
2 000	91.9	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8
1 500	91.9	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8
1 000	91.9	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8
800	92.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
600	94.1	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
400	97.3	97.1	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
300	97.7	97.5	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
200	98.1	98.0	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
100	98.1	98.0	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
0	98.1	98.0	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
3 OR MORE	73.1	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
2 000	74.1	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
1 500	74.9	75.2	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5
1 000	77.7	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
800	79.4	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
600	81.3	81.7	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3
400	84.1	84.6	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2
300	85.9	86.4	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0
200	87.4	88.1	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6
100	89.1	89.8	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4
0	89.1	89.8	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4
3 OR MORE	90.7	91.4	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1
2 000	91.4	92.2	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
1 500	91.4	92.2	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
1 000	91.4	92.2	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
800	91.4	92.2	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
600	91.4	92.2	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
400	91.4	92.2	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
300	91.4	92.2	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
200	91.4	92.2	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
100	91.4	92.2	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
0	91.4	92.2	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7

TOTAL NUMBER OF OBSERVATIONS 930

...AGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

...A AFB, K PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: OCT HOURS: 12-14

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	0
53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
75.5	75.5	75.5	75.5	75.5	76.5	76.5	76.5	76.5	76.5	76.5
78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
97.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
99.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
99.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
99.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
99.9	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
99.9	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0

OPERATING LOCATION NAME
ASHEVILLE, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM ALL HOURLY OBSERVATIONS

STATION NUMBER: 723140 STATION NAME: ASHEVILLE NC
LST TO UTC: + 5

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
22 OR MORE	54.8	54.	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.
20	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.
18	55.2	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.
16	55.2	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.
14	55.2	55.2	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.
12	57.2	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.
10	71.2	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.
9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.
8	73.2	73.4	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.
7	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.
6	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.
5	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.
4	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.
3	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.
2	79.2	79.2	80.4	81.3	81.3	81.3	81.4	81.4	81.4	81.
1	82.0	82.0	84.1	85.3	85.3	85.4	85.4	85.4	85.4	85.
0	87.1	87.1	89.6	91.2	91.5	91.5	91.6	91.6	91.6	91.
22 OR MORE	91.1	92.0	93.6	94.7	94.7	94.7	94.8	94.8	94.8	94.
20	91.1	92.0	93.5	94.6	94.9	94.9	95.0	95.0	95.0	94.
18	91.3	93.0	94.1	95.4	95.6	95.8	95.9	95.9	95.9	95.
16	91.4	93.1	94.3	95.5	95.8	96.1	96.2	96.2	96.2	95.
14	91.4	93.2	94.4	95.6	95.9	96.2	96.3	96.3	96.3	95.
12	91.5	93.3	94.5	95.7	96.0	96.3	96.4	96.4	96.4	96.
10	91.5	93.3	94.5	95.7	96.0	96.3	96.4	96.4	96.4	96.
9	91.5	93.3	94.5	95.7	96.0	96.3	96.4	96.4	96.4	96.
8	91.5	93.3	94.5	95.7	96.0	96.3	96.4	96.4	96.4	96.
7	91.5	93.3	94.5	95.7	96.0	96.3	96.4	96.4	96.4	96.
6	91.5	93.3	94.5	95.7	96.0	96.3	96.4	96.4	96.4	96.
5	91.5	93.3	94.5	95.7	96.0	96.3	96.4	96.4	96.4	96.
4	91.5	93.3	94.5	95.7	96.0	96.3	96.4	96.4	96.4	96.
3	91.5	93.3	94.5	95.7	96.0	96.3	96.4	96.4	96.4	96.
2	91.5	93.3	94.5	95.7	96.0	96.3	96.4	96.4	96.4	96.
1	91.5	93.3	94.5	95.7	96.0	96.3	96.4	96.4	96.4	96.
0	91.5	93.3	94.5	95.7	96.0	96.3	96.4	96.4	96.4	96.

TOTAL NUMBER OF OBSERVATIONS 930

...CY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: OCT HOURS: 15-17

STATUTE MILES								
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
54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7
99.5	99.5	99.5	99.7	99.7	99.8	99.9	99.9	100.0
99.5	99.5	99.5	99.7	99.7	99.8	99.9	99.9	100.0

OPERATIONAL LOCATION MAP
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TIMMER AFB GA PERIOD:
LST TO UTC: + 5 MONTH:

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	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
20000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
15000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
10000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
9000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
8000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
7000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
6000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
5000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
4500	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
4000	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
3500	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
3000	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
2500	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
2000	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
1800	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
1600	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
1500	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
1400	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
1300	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
1200	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
1100	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
1000	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
900	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
800	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
700	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
600	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
500	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
400	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
300	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
200	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
100	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
000	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5

TOTAL NUMBER OF OBSERVATIONS 931

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: OCT HOURS: 13-20

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
GE 22	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 20	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 18	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 16	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 14	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 12	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 10	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 9	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 8	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7
GE 7	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3
GE 6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
GE 5	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5
GE 4	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0
GE 3	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0
GE 2	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
GE 1	85.9	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1
GE 0	88.5	88.5	88.5	88.9	89.0	89.0	89.0	89.0	89.0	89.0
GE 22	90.3	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5
GE 20	91.1	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3
GE 18	91.4	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 16	91.7	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 14	92.9	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 12	93.5	93.5	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 10	94.6	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8
GE 9	95.6	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 8	96.1	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 7	97.4	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 6	98.1	98.1	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 5	98.6	98.6	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 4	98.6	98.7	98.8	99.2	99.6	99.6	99.8	99.8	99.8	99.8
GE 3	98.6	98.7	98.8	99.2	99.6	99.6	99.8	99.8	100.0	100.0
GE 2	98.6	98.7	98.8	99.2	99.6	99.6	99.8	99.8	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 MONTH:

CEILING	VISIBILITY IN STATUTE MILES									
FEET	≥ 7	≥ 5	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1
NO CEIL	53.2	53.3	53.5	53.7	53.8	53.9	53.9	53.9	53.9	53.9
≥ 20000	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 15000	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 10000	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 9000	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 8000	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 7000	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 6000	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 5000	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 4500	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 4000	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 3500	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 3000	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 2500	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 2000	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 1800	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 1600	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 1400	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 1200	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 1000	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 900	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 800	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 700	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 600	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 500	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 400	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 300	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 200	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 100	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 000	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9

TOTAL NUMBER OF OBSERVATIONS 930

CENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

INKER AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	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
GE 22000	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 20000	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 18000	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 16000	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 14000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 12000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 10000	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 9000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 8000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 7000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 6000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 5000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 4500	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 4000	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3500	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3000	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2500	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2000	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1800	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1600	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1400	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1200	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1000	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 900	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 800	93.3	93.5	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 700	93.7	94.2	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 600	94.8	95.5	95.6	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 500	95.7	96.6	96.9	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5
GE 400	96.2	97.4	97.7	97.7	98.3	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	96.3	97.5	98.2	98.3	98.9	99.5	99.5	99.6	99.6	99.6	99.6
GE 200	96.3	97.5	98.2	98.3	98.9	99.5	99.5	99.7	99.8	99.8	99.8
GE 100	96.3	97.5	98.2	98.3	98.9	99.5	99.5	99.7	99.8	99.8	100.0

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
8334 HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIO
LST TO UTC: + 6 MONTH

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	56.7	57.1	57.3	57.5	57.6	57.7	57.8	57.8	57.8	57.8
GE 20000	62.7	63.2	63.4	63.7	63.8	63.9	64.0	64.0	64.0	64.1
GE 18000	62.8	63.3	63.5	63.8	63.9	64.0	64.0	64.0	64.1	64.1
GE 16000	62.8	63.3	63.5	63.8	63.9	64.0	64.1	64.1	64.1	64.1
GE 14000	63.2	63.7	63.9	64.1	64.3	64.3	64.4	64.4	64.4	64.5
GE 12000	64.7	65.2	65.4	65.7	65.8	65.9	66.0	66.0	66.0	66.1
GE 10000	67.1	67.6	67.9	68.1	68.3	68.4	68.4	68.4	68.5	68.6
GE 9000	67.3	67.8	68.0	68.3	68.4	68.5	68.5	68.5	68.5	68.7
GE 8000	70.2	70.6	71.0	71.3	71.5	71.6	71.6	71.6	71.7	71.8
GE 7000	70.8	71.4	71.8	72.1	72.2	72.3	72.4	72.4	72.4	72.5
GE 6000	71.4	72.0	72.3	72.6	72.7	72.8	72.9	72.9	72.9	73.0
GE 5000	72.6	73.1	73.4	73.6	73.8	74.0	74.1	74.1	74.1	74.2
GE 4500	73.2	73.8	74.2	74.5	74.7	75.0	75.1	75.2	75.4	75.4
GE 4000	73.7	74.3	74.7	77.2	77.5	77.8	77.8	77.9	78.0	78.1
GE 3500	76.2	77.0	77.3	77.4	77.5	77.6	77.7	77.8	77.8	77.9
GE 3000	77.0	77.7	77.9	78.1	78.3	78.4	78.5	78.6	78.6	78.7
GE 2500	79.5	80.3	81.3	81.8	82.0	82.1	82.3	82.4	82.4	82.5
GE 2000	81.0	82.7	83.5	84.0	84.3	84.4	84.6	84.6	84.7	84.7
GE 1500	82.3	83.3	84.1	84.7	85.0	85.1	85.3	85.3	85.4	85.4
GE 1000	83.2	84.4	85.5	86.0	86.2	86.4	86.5	86.7	86.7	86.7
GE 900	84.5	85.9	86.9	87.5	87.9	88.0	88.3	88.3	88.4	88.5
GE 800	85.1	86.7	87.9	88.8	89.1	89.3	89.5	89.7	89.7	89.7
GE 700	85.4	87.0	88.3	89.2	89.5	89.8	90.1	90.2	90.2	90.3
GE 600	85.9	87.6	89.0	90.1	90.6	90.9	91.2	91.3	91.3	91.4
GE 700	86.1	87.9	89.5	90.7	91.4	91.5	92.1	92.1	92.1	92.2
GE 600	86.3	88.4	90.1	91.4	92.2	92.4	93.1	93.2	93.2	93.3
GE 500	86.6	88.9	91.0	92.5	93.7	94.0	95.0	95.0	95.1	95.3
GE 400	86.7	89.0	91.3	93.1	94.5	95.0	96.2	96.4	96.4	96.7
GE 300	86.7	89.1	91.5	93.4	95.0	95.7	97.1	97.5	97.5	97.9
GE 200	86.7	89.1	91.6	93.5	95.1	95.9	97.4	97.8	97.9	98.3
GE 100	86.7	89.1	91.6	93.5	95.1	95.9	97.4	97.9	98.0	98.5
GE 000	86.7	89.1	91.6	93.5	95.1	95.9	97.4	97.9	98.0	98.5

TOTAL NUMBER OF OBSERVATIONS 7440

UENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: OCT HOURS: ALL

ITY 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
57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9
64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1
64.0	64.0	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2
64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2
64.4	64.4	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6
66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1
68.4	68.4	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6
68.5	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.8	68.8
71.6	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8
72.4	72.4	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6
72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.1	73.1	73.1
74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.3	74.3
75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5
78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
78.3	78.3	78.3	78.8	78.9	78.9	78.9	78.9	78.9	78.9
80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.3	80.3
82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5
84.6	84.6	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8
85.3	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5
86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8
88.3	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5
89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.9	89.9
90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.4
91.2	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5
92.1	92.1	92.1	92.2	92.3	92.3	92.4	92.4	92.4	92.4
93.1	93.2	93.2	93.3	93.4	93.4	93.5	93.5	93.5	93.5
95.0	95.0	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4
96.2	96.4	96.4	96.7	96.8	96.8	96.9	96.9	96.9	96.9
97.1	97.5	97.5	97.9	98.1	98.1	98.2	98.2	98.3	98.3
97.4	97.8	97.9	98.3	98.7	98.7	98.9	98.9	99.0	99.0
97.4	97.9	98.0	98.5	98.9	98.9	99.2	99.3	99.4	99.6
97.4	97.9	98.0	98.5	98.9	99.0	99.2	99.3	99.5	100.0

OPERATING LOCATION NAM
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE IN GMT
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72364() STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	≥ 7	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 22000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 15000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[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]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[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]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
< 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 900

...GE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

...SE, OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: NOV HOURS: 00-02

CEILING IN 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
...0	62.2	62.9	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1
...4	67.4	68.5	68.5	68.7	68.8	68.8	68.8	68.8	68.8	68.8
...4	67.9	68.5	68.5	68.7	68.8	68.8	68.8	68.8	68.8	68.8
...4	67.4	68.5	68.5	68.7	68.8	68.8	68.8	68.8	68.8	68.8
...7	68.7	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0
...2	69.2	69.3	69.3	69.4	69.5	69.6	69.6	69.6	69.6	69.6
...2	71.2	71.3	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5
...2	71.2	71.3	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5
...4	72.4	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8
...4	74.3	74.4	74.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7
...1	75.0	75.1	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3
...2	76.0	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2
...8	76.6	76.7	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9
...7	77.7	77.8	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0
...9	77.9	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2
...0	78.8	78.9	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1
...0	80.0	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3
...3	80.4	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8
...1	81.1	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4
...1	82.1	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4
...0	82.9	83.0	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2
...3	85.0	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3
...6	85.6	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9
...2	88.2	88.3	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6
...1	89.1	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4
...2	90.4	90.6	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9
...3	92.3	92.4	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8
...9	93.7	93.8	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2
...5	94.8	95.1	95.2	95.6	96.0	96.1	96.3	96.3	96.3	96.3
...3	95.4	95.8	95.9	96.3	97.0	97.2	97.8	97.8	97.8	97.8
...9	95.6	95.9	96.0	96.4	97.2	97.8	98.3	98.6	99.0	99.8
...9	95.6	95.9	96.0	96.4	97.2	97.8	98.3	98.6	99.1	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILIN
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TIMMER AFB, FL PERIOD OF
LST TO UTC: + 6 MONTHS: JAN

CEILING IN FEET	VISIBILITY IN STATUTE MILES										
	≥ 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/
NO CEIL	55.3	57.4	58.0	58.3	58.9	59.0	59.3	59.3	59.4	59.7	
≥ 20000	61.1	61.2	61.7	62.2	62.5	62.8	63.2	63.2	63.2	63.3	
≥ 10000	61.3	61.2	61.7	62.2	62.5	62.8	63.2	63.2	63.2	63.3	
≥ 9000	61.3	61.2	61.7	62.2	62.5	62.8	63.2	63.2	63.2	63.3	
≥ 8000	61.5	61.4	62.1	62.4	63.0	63.0	63.4	63.4	63.4	63.5	
≥ 7000	61.6	62.3	63.1	63.3	63.9	63.9	64.3	64.3	64.3	64.4	
≥ 6000	64.1	64.3	64.7	65.0	65.6	65.8	66.3	66.3	66.3	66.1	
≥ 5000	64.3	64.3	64.9	65.2	65.9	65.8	66.2	66.2	66.2	66.3	
≥ 4500	64.3	65.1	66.1	67.1	67.7	67.7	68.1	68.1	68.1	68.2	
≥ 4000	65.3	67.3	67.9	68.2	68.9	68.8	69.2	69.2	69.2	69.3	
≥ 3500	65.6	67.4	68.1	68.4	69.0	69.0	69.4	69.4	69.4	69.6	
≥ 3000	68.1	69.9	70.5	70.9	71.6	71.6	71.9	71.9	71.9	72.0	
≥ 2500	69.3	71.2	72.0	72.3	73.0	73.0	73.3	73.3	73.3	73.4	
≥ 2000	69.7	71.6	72.4	72.7	73.4	73.4	73.7	73.7	73.7	73.8	
≥ 1800	69.8	71.7	72.5	72.8	73.5	73.5	73.8	73.8	73.8	73.9	
≥ 1600	70.1	72.1	73.0	73.3	74.1	74.1	74.4	74.5	74.5	74.7	
≥ 1400	71.3	73.4	74.3	75.1	75.9	76.0	76.3	76.3	76.3	76.4	
≥ 1200	72.1	74.1	75.0	75.8	76.7	76.8	77.2	77.2	77.3	77.3	
≥ 1000	73.1	75.4	76.3	77.1	78.1	78.1	78.5	78.5	78.5	78.7	
≥ 900	73.2	75.5	76.4	77.4	78.2	78.2	78.7	78.7	78.7	78.8	
≥ 800	73.2	75.7	76.8	77.8	78.6	78.6	79.1	79.1	79.1	79.2	
≥ 700	73.3	75.8	76.9	77.9	78.8	78.8	79.3	79.3	79.3	79.4	
≥ 600	73.4	76.0	77.1	78.1	79.0	79.0	79.5	79.5	79.5	79.6	
≥ 500	73.5	76.1	77.2	78.2	79.1	79.1	79.6	79.6	79.6	79.7	
≥ 400	73.6	76.2	77.3	78.3	79.2	79.2	79.7	79.7	79.7	79.8	
≥ 300	73.6	76.2	77.3	78.3	79.2	79.2	79.7	79.7	79.7	79.8	
≥ 200	73.6	76.2	77.3	78.3	79.2	79.2	79.7	79.7	79.7	79.8	
≥ 100	73.6	76.2	77.3	78.3	79.2	79.2	79.7	79.7	79.7	79.8	
0	73.6	76.2	77.3	78.3	79.2	79.2	79.7	79.7	79.7	79.8	

TOTAL NUMBER OF OBSERVATIONS 900

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: NOV HOURS: 03-05

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES									
	GE 1/2	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
	[illegible]	59.3	59.3	[illegible]	59.3	59.3	59.3	59.3	59.3	59.4	59.6
	[illegible]	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.4	63.6
	[illegible]	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.4	63.6
	[illegible]	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.4	63.6
	[illegible]	63.4	63.4	63.4	63.5	63.6	63.6	63.6	63.6	63.7	63.8
	[illegible]	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.5	64.7
	[illegible]	65.0	65.0	65.0	65.1	66.1	66.1	65.1	65.1	65.2	65.3
	[illegible]	65.2	65.2	65.2	65.3	66.3	66.3	66.3	66.3	66.4	66.5
	[illegible]	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.4
	[illegible]	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.6
	[illegible]	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.7	69.9
	[illegible]	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.1	71.2
	[illegible]	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.9	72.0
	[illegible]	72.5	72.5	72.5	72.9	72.9	72.9	72.9	72.9	73.0	73.1
	[illegible]	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.8	73.9
	[illegible]	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.8	74.9
	[illegible]	75.3	75.3	76.3	76.4	76.4	76.4	76.4	76.4	76.5	76.7
	[illegible]	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.4	78.6
	[illegible]	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.9
	[illegible]	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.9	81.0
	[illegible]	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.5	82.7
	[illegible]	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.6	84.7
	[illegible]	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.1
	[illegible]	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.5	87.7
	[illegible]	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.3
	[illegible]	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.6
	[illegible]	91.5	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.2	92.3
	[illegible]	92.6	93.2	93.3	93.4	93.6	93.6	93.7	93.7	93.8	93.9
	[illegible]	93.7	94.8	94.9	95.2	95.3	95.3	95.7	95.7	95.8	95.9
	[illegible]	94.4	95.7	95.8	96.2	96.6	96.6	97.2	97.4	97.6	97.7
	[illegible]	94.6	96.0	96.2	96.8	97.1	97.2	98.1	98.7	99.0	99.3
	[illegible]	94.6	96.0	96.2	96.8	97.1	97.2	98.1	98.7	99.1	100.0

OPERATING LOCATION: NAW
SANTIAG, ASHEVILLE NC

PERCENTAGE FREQUENCY OF COINCIDENCE OF CE
FOR MONTHLY OBSERVATIONS

STATION NUMBER: 723040 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

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	49.7	51.6	52.2	52.9	53.3	53.5	53.5	53.7	53.7	53.9
GE 20000	53.3	54.1	55.0	54.7	57.1	57.3	57.3	57.5	57.5	57.7
GE 15000	54.1	55.1	55.1	55.3	57.2	57.4	57.4	57.7	57.7	57.9
GE 10000	54.1	55.1	55.1	55.3	57.2	57.4	57.4	57.7	57.7	57.9
GE 9000	54.4	55.4	55.4	57.1	57.5	57.8	57.8	58.0	58.0	58.2
GE 8000	54.8	55.8	57.4	57.1	58.6	58.8	58.8	59.0	59.0	59.2
GE 7000	56.7	57.9	58.4	60.7	61.1	61.3	61.3	61.5	61.5	61.7
GE 6000	56.7	57.9	58.3	60.7	61.1	61.3	61.3	61.5	61.5	61.7
GE 5000	59.1	61.3	62.4	63.6	64.1	64.3	64.3	64.6	64.6	64.8
GE 4000	60.7	61.9	63.1	64.1	64.7	64.9	64.9	65.1	65.1	65.3
GE 3500	60.9	62.2	63.1	64.2	64.9	65.2	65.2	65.4	65.4	65.6
GE 3000	61.7	63.0	63.9	65.1	65.7	66.0	66.2	67.1	67.1	67.3
GE 2500	62.2	64.4	65.4	66.5	67.1	67.3	67.4	67.6	67.6	67.8
GE 2000	62.6	64.9	66.1	67.2	67.8	68.1	68.1	68.4	68.4	68.7
GE 1800	63.3	65.7	66.9	67.8	68.5	68.8	68.9	69.2	69.2	69.4
GE 1600	64.4	66.7	68.0	69.2	69.9	70.1	70.2	70.5	70.5	70.7
GE 1400	67.2	69.6	70.9	72.0	72.6	72.9	73.0	73.3	73.3	73.5
GE 1200	69.5	71.1	72.4	73.7	74.3	74.7	74.8	75.1	75.1	75.3
GE 1000	70.4	72.2	73.8	75.3	75.7	76.0	76.1	76.4	76.4	76.7
GE 900	71.6	73.9	75.4	76.7	77.3	77.7	77.8	78.1	78.1	78.3
GE 800	72.3	74.6	77.0	78.1	79.0	79.4	79.6	79.9	79.9	81.1
GE 700	74.1	77.3	80.0	81.6	82.2	82.6	82.8	83.2	83.2	83.4
GE 600	75.6	78.1	82.0	83.8	84.3	84.7	85.0	85.3	85.3	85.5
GE 500	75.4	78.7	82.7	84.1	85.2	85.7	86.1	86.4	86.4	86.7
GE 400	75.8	80.1	83.2	85.1	85.7	87.4	87.8	88.1	88.1	88.3
GE 300	76.3	80.2	83.4	85.8	87.4	88.9	89.3	89.7	89.7	90.1
GE 200	76.3	82.4	84.3	86.9	88.9	90.8	90.7	91.1	91.1	91.4
GE 150	75.4	80.7	84.6	87.4	90.0	91.5	92.9	93.6	93.6	94.0
GE 100	76.4	80.7	84.8	87.7	90.4	92.1	93.6	94.4	94.6	95.4
GE 050	76.5	80.8	84.9	88.0	90.8	92.4	93.9	95.4	95.4	96.3
GE 000	76.5	80.8	84.9	88.0	90.8	92.4	93.9	95.6	95.6	96.7
GE 000	76.5	80.8	84.9	88.0	90.8	92.4	93.9	95.6	95.6	96.7

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] AFB, [illegible] PERIOD OF RECORD: MAR 73 - FEB 89
MONTH: NOV HOURS: 06-09

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	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
GE 10	53.5	53.6	53.3	53.[illegible]	53.9	53.9	53.9	53.9	54.0	54.0	54.1
GE 9	57.3	57.3	57.6	57.6	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	57.[illegible]	58.1
GE 8	57.4	57.4	57.7	57.7	57.9	57.9	57.9	57.9	58.0	58.0	58.2
GE 7	57.4	57.4	57.7	57.7	57.9	57.9	57.9	57.9	58.0	58.0	58.2
GE 6	57.[illegible]	57.[illegible]	58.0	58.0	58.2	58.2	58.2	58.2	58.3	58.3	58.6
GE 5	59.[illegible]	59.[illegible]	59.0	59.0	59.2	59.2	59.2	59.2	59.3	59.3	59.6
GE 4	61.3	61.3	61.5	61.5	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.9	62.1
GE 3	61.3	61.3	61.5	61.5	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.9	61.9	62.1
GE 2	64.3	64.3	64.6	64.6	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	65.1
GE 1	64.[illegible]	64.[illegible]	65.1	65.1	65.3	65.3	65.3	65.3	65.4	65.4	65.7
GE 0	65.[illegible]	65.[illegible]	65.[illegible]	65.2	65.4	65.4	65.4	65.4	65.5	65.5	65.[illegible]
GE 10	66.[illegible]	66.[illegible]	67.1	67.1	67.3	67.3	67.3	67.3	67.4	67.4	67.7
GE 9	67.3	67.3	67.5	67.5	67.[illegible]	67.[illegible]	67.[illegible]	67.3	67.9	67.9	68.1
GE 8	63.3	63.1	63.4	63.4	63.7	63.7	63.7	63.7	63.8	63.8	64.0
GE 7	69.[illegible]	69.[illegible]	69.2	69.2	69.4	69.4	69.4	69.4	69.5	69.5	69.[illegible]
GE 6	70.1	70.2	70.[illegible]	70.[illegible]	70.[illegible]	70.8	70.8	70.8	70.9	70.9	71.1
GE 5	71.[illegible]	71.[illegible]	71.3	71.3	71.5	71.5	71.5	71.5	71.7	71.7	71.9
GE 4	74.[illegible]	74.[illegible]	75.1	75.1	75.3	75.3	75.3	75.3	75.4	75.4	75.7
GE 3	75.9	75.1	76.4	76.4	76.7	76.7	76.7	76.7	76.8	76.8	77.0
GE 2	77.7	77.[illegible]	78.1	78.1	78.3	78.3	78.3	78.3	78.4	78.4	78.7
GE 1	80.4	80.5	80.9	80.9	81.1	81.1	81.1	81.1	81.2	81.2	81.4
GE 0	82.[illegible]	82.[illegible]	83.2	83.2	83.4	83.4	83.4	83.4	83.5	83.5	83.[illegible]
GE 10	84.[illegible]	85.0	85.3	85.3	85.5	85.6	85.6	85.6	85.7	85.7	85.[illegible]
GE 9	86.9	86.1	86.4	86.4	86.7	86.7	86.7	86.7	86.[illegible]	86.8	87.0
GE 8	87.[illegible]	87.8	88.1	88.1	88.3	88.3	88.3	88.3	88.4	88.4	88.7
GE 7	89.[illegible]	89.[illegible]	89.7	89.7	90.0	90.0	90.0	90.0	90.1	90.1	90.3
GE 6	90.0	90.7	91.1	91.1	91.4	91.4	91.4	91.4	91.5	91.6	91.8
GE 5	91.5	92.9	93.6	93.6	94.0	94.0	94.0	94.1	94.2	94.3	94.7
GE 4	92.1	93.5	94.8	94.8	95.4	95.6	95.6	95.8	95.9	96.0	96.3
GE 3	92.4	93.9	95.4	95.4	96.3	96.4	96.4	97.1	97.2	97.3	97.7
GE 2	92.4	93.9	95.6	95.6	96.7	96.8	96.8	97.8	97.9	98.2	98.9
GE 1	92.4	93.9	95.6	95.6	96.7	96.8	97.0	98.0	98.1	98.7	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO GMT: + 6

CEILING IN FEET	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	[illegible]	[illegible]	51.7	51.	51.	51.	[illegible]	51.	51.	51.
GE 20000	[illegible]	[illegible]	[illegible]	[illegible]	55.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 18000	[illegible]	[illegible]	57.2	57.3	57.5	57.3	57.3	57.3	57.3	57.
GE 16000	[illegible]	57.	57.	57.	57.3	57.3	57.3	57.	57.	57.
GE 14000	[illegible]	[illegible]	57.	57.	57.	57.	57.	57.	57.	[illegible]
GE 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.
GE 9000	[illegible]	[illegible]	61.	61.3	61.3	61.3	61.3	[illegible]	61.	61.
GE 8000	[illegible]	[illegible]	[illegible]	63.	63.	63.	[illegible]	[illegible]	[illegible]	[illegible]
GE 7000	61.	[illegible]	[illegible]	63.	63.	63.	[illegible]	[illegible]	[illegible]	[illegible]
GE 6000	[illegible]	[illegible]	[illegible]	[illegible]	65.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	[illegible]	[illegible]	[illegible]	[illegible]	67.	67.	67.	67.	67.	67.
GE 4000	[illegible]	[illegible]	[illegible]	[illegible]	69.7	69.7	[illegible]	[illegible]	69.7	[illegible]
GE 3500	[illegible]	[illegible]	[illegible]	[illegible]	70.	70.	70.	70.	70.	70.
GE 3000	67.	[illegible]	70.	70.	71.	71.	71.	71.	71.	71.
GE 2500	[illegible]	72.1	72.7	73.1	73.	73.	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	71.	74.	75.3	75.	75.3	76.7	76.	76.	76.	77.
GE 1800	72.	75.	76.3	76.	77.3	77.7	77.	77.	77.	77.
GE 1500	74.	77.	78.	79.	79.6	79.6	79.	79.	79.	[illegible]
GE 1200	77.1	[illegible]	81.	82.1	82.7	83.	83.1	83.1	83.1	[illegible]
GE 1000	77.	81.4	[illegible]	83.7	84.3	84.7	84.	84.	84.	[illegible]
GE 900	7[illegible]	82.1	84.1	85.	85.	86.1	86.	86.	86.	[illegible]
GE 800	78.3	82.7	84.	86.1	87.1	87.	87.	87.	87.	87.
GE 700	78.7	83.	85.	87.1	88.3	89.	89.	89.1	89.1	[illegible]
GE 600	79.	84.	86.7	88.6	90.6	91.	91.7	91.	91.	92.
GE 500	79.1	84.	87.4	89.3	92.1	92.9	93.7	94.	94.	94.
GE 400	79.1	85.	87.6	89.9	92.9	94.	95.3	95.1	95.1	96.
GE 300	79.1	85.	87.6	90.0	93.0	94.2	95.	95.7	95.7	97.
GE 200	79.1	85.	87.6	90.0	93.0	94.2	95.7	95.	95.	97.
GE 100	79.1	85.	87.6	90.0	93.0	94.2	95.	95.	95.	97.
GE 000	79.1	85.	87.6	90.0	93.0	94.2	95.3	95.9	95.9	97.

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] AFB, IA PERIOD OF RECORD: MAR 79 - FEB [illegible]
MONTH: NOV HOURS: 09-11

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	3	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]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	57.3	57.3	57.3	57.3	57.6	57.6	57.6	57.7	57.7	57.7	57.7
[illegible]	57.3	57.3	57.3	57.3	57.6	57.6	57.6	57.7	57.7	57.7	57.7
[illegible]	57.9	57.9	57.9	57.9	58.1	58.1	58.1	58.2	58.2	58.2	58.2
[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]	51.3	51.3	51.3	51.3	51.5	51.5	51.5	51.7	51.7	51.7	51.7
[illegible]	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3
[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]	57.0	57.0	57.0	57.0	57.2	57.2	57.2	57.3	57.3	57.3	57.3
[illegible]	69.7	69.7	69.7	69.7	69.9	69.9	69.9	70.0	70.0	70.0	70.0
[illegible]	70.0	70.0	70.0	70.0	70.2	70.2	70.2	70.3	70.3	70.3	70.3
[illegible]	71.0	71.0	71.0	71.0	71.2	71.2	71.2	71.3	71.3	71.3	71.3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	76.7	76.7	76.7	76.7	77.0	77.0	77.0	77.1	77.1	77.1	77.1
[illegible]	77.7	77.7	77.7	77.7	78.0	78.0	78.0	78.1	78.1	78.1	78.1
[illegible]	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.2	80.2	80.2	80.2
[illegible]	83.0	83.1	83.1	83.1	83.3	83.3	83.3	83.4	83.4	83.4	83.4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	86.1	86.2	86.2	86.2	86.4	86.4	86.4	86.5	86.5	86.5	86.5
[illegible]	87.6	87.6	87.6	87.6	87.8	87.8	87.8	87.9	87.9	87.9	87.9
[illegible]	89.0	89.1	89.1	89.1	89.3	89.3	89.3	89.4	89.4	89.4	89.4
[illegible]	91.6	91.7	91.8	91.8	92.0	92.0	92.0	92.1	92.1	92.1	92.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	94.0	94.1	94.1	94.1	96.6	96.6	96.6	96.7	96.7	96.7	96.7
[illegible]	94.2	96.6	96.7	96.7	97.2	97.2	97.2	97.4	97.4	97.4	97.4
[illegible]	94.2	96.7	96.8	96.8	97.6	97.8	97.8	98.0	98.3	98.3	98.7
[illegible]	94.2	96.8	96.9	96.9	97.8	98.0	98.1	98.4	98.8	98.9	99.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	94.2	96.8	96.9	96.9	97.8	98.0	98.1	98.4	98.8	99.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

CEILING IN FEET	VISIBILITY IN STATUTE MILES 10	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
0 CEIL	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
3F 2500	59.	[illegible]	[illegible]	59.[illegible]	59.[illegible]	59.[illegible]	59.[illegible]	59.[illegible]	[illegible]	[illegible]	[illegible]
3 1800	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
3F 1600	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
4 1400	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]
3F 1200	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
3F 1000	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]
3F [illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]
3F 900	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]
3F 7000	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
3 6000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
3 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3F 4500	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
3F 4000	72.[illegible]	72.[illegible]	72.1	72.[illegible]	72.4	72.4	72.4	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]
3F 3500	72.4	72.[illegible]	72.[illegible]	72.7	72.[illegible]	72.[illegible]	73.[illegible]	73.1	73.1	73.1	73.1
3F 3000	74.[illegible]	74.7	74.7	74.[illegible]	75.[illegible]	75.[illegible]	75.1	75.2	75.2	75.2	75.2
3 2500	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.2	77.2	77.[illegible]	77.4	77.4	77.4	77.4
3F 2200	[illegible]	81.[illegible]	81.[illegible]	81.[illegible]	82.[illegible]	82.[illegible]	82.2	82.3	82.[illegible]	82.[illegible]	82.[illegible]
3F 1900	81.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	83.1	83.2	83.2	83.[illegible]	83.[illegible]
2F 1800	82.[illegible]	83.7	83.[illegible]	84.1	84.4	84.4	84.7	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]
3F 1700	84.[illegible]	86.[illegible]	87.[illegible]	87.[illegible]	87.[illegible]	87.[illegible]	87.[illegible]	88.1	88.[illegible]	88.[illegible]	88.[illegible]
3 1600	88.[illegible]	89.[illegible]	89.[illegible]	89.7	89.4	90.0	90.0	90.2	90.3	90.[illegible]	90.3
3F 1500	89.[illegible]	90.[illegible]	91.[illegible]	90.[illegible]	90.[illegible]	90.[illegible]	91.1	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]
3F [illegible]	89.[illegible]	90.[illegible]	91.[illegible]	91.[illegible]	91.7	91.7	92.1	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]
3F 700	90.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	92.2	92.2	92.7	92.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]
3F 600	91.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	93.[illegible]	94.[illegible]	94.[illegible]	94.7	94.7	94.7	94.7
3F 500	92.[illegible]	93.[illegible]	93.[illegible]	93.6	95.0	95.1	95.[illegible]	95.1	95.1	95.[illegible]	95.[illegible]
3F 400	92.[illegible]	93.[illegible]	93.[illegible]	94.1	95.[illegible]	96.[illegible]	97.3	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]
3F 300	92.3	93.4	93.[illegible]	94.1	95.9	96.[illegible]	97.4	97.[illegible]	97.9	97.9	98.4
3F 200	92.3	93.4	93.[illegible]	94.1	95.9	96.[illegible]	97.4	97.[illegible]	97.9	97.9	98.
3F 100	92.3	93.4	93.[illegible]	94.1	95.9	96.[illegible]	97.4	97.9	97.9	97.9	98.[illegible]
3F 000	92.3	93.4	93.[illegible]	94.1	95.9	96.[illegible]	97.4	97.9	97.9	97.9	98.[illegible]

TOTAL NUMBER OF OBSERVATIONS 900

...TAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

...Y AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: NOV HOURS: 12-14

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	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
	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
	90.4	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
	91.7	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
	92.2	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
	95.1	95.0	95.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
	96.8	97.3	97.8	97.8	98.3	98.3	98.3	99.3	98.3	98.3	98.3
	96.8	97.4	97.9	97.9	98.4	98.4	98.4	98.8	98.8	98.8	98.8
	96.8	97.4	97.9	97.9	98.8	98.9	98.9	99.3	99.4	99.6	99.6
	96.8	97.4	97.9	97.9	98.8	98.9	98.9	99.3	99.4	99.6	99.7
	96.8	97.4	97.9	97.9	98.8	98.9	98.9	99.3	99.4	99.6	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERI
LST TO UTC: + 6 MONT

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	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.
20000	53.3	53.5	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.
18000	53.7	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.
16000	53.7	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.
14000	54.1	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.
12000	55.3	55.5	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.
10000	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.
9000	59.1	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.
8000	70.3	70.5	70.5	70.5	70.5	70.5	70.7	70.7	70.7	70.
7000	70.9	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.
6000	71.3	71.5	71.5	71.5	71.5	71.5	71.7	71.7	71.7	71.
5000	72.2	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.
4500	72.4	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.
4000	74.9	75.2	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.
3500	76.9	77.1	77.1	77.2	77.3	77.3	77.4	77.4	77.4	77.
3000	79.9	80.1	80.1	80.2	80.3	80.3	80.4	80.4	80.4	80.
2500	81.3	82.4	82.4	82.5	82.7	82.7	82.9	82.9	82.9	82.
2200	84.2	84.3	84.3	85.1	85.4	85.4	85.6	85.6	85.6	85.
2000	84.	85.3	85.3	85.5	86.0	86.0	86.2	86.2	86.2	86.
1800	86.1	86.7	86.7	86.9	87.3	87.3	87.7	87.7	87.7	87.
1700	87.5	88.3	88.3	88.	88.3	88.3	88.7	88.7	88.7	88.
1600	87.6	88.3	88.3	88.5	89.1	89.1	89.4	89.4	89.4	89.
1500	89.1	89.3	89.3	89.5	89.7	89.7	90.0	90.0	90.0	90.
1400	89.2	89.4	89.5	89.7	90.2	90.2	90.5	90.5	90.5	90.
1300	89.9	90.1	90.2	91.0	91.3	91.4	92.3	92.4	92.4	92.
1200	90.7	91.4	91.5	91.9	92.3	92.3	93.4	93.9	93.9	94.
1100	92.7	93.9	93.9	93.9	94.5	94.5	94.9	95.0	95.0	95.
1000	94.1	95.2	95.2	95.6	96.0	96.1	97.1	97.3	97.3	97.
900	94.3	96.2	96.4	96.8	97.3	97.4	98.3	98.5	98.5	98.
800	94.9	96.2	96.4	96.8	97.3	97.4	98.3	98.5	98.5	98.
700	94.9	96.2	96.4	96.8	97.3	97.4	98.3	98.5	98.5	98.
600	94.9	96.2	96.4	96.8	97.3	97.4	98.3	98.5	98.5	98.
500	94.9	96.2	96.4	96.8	97.3	97.4	98.3	98.5	98.5	98.
400	94.9	96.2	96.4	96.8	97.3	97.4	98.3	98.5	98.5	98.
300	94.9	96.2	96.4	96.8	97.3	97.4	98.3	98.5	98.5	98.
200	94.9	96.2	96.4	96.8	97.3	97.4	98.3	98.5	98.5	98.
100	94.9	96.2	96.4	96.8	97.3	97.4	98.3	98.5	98.5	98.
000	94.9	96.2	96.4	96.8	97.3	97.4	98.3	98.5	98.5	98.

TOTAL NUMBER OF OBSERVATIONS 900

0 - 2 - 96

AGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

K AFB OK

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: NOV HOURS: 15-17

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 1/2	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
	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
	85.3	85.3	85.3	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
87.3	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
89.3	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
90.1	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
90.7	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
91.2	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
92.4	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
93.0	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
93.8	94.9	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
95.1	97.1	97.3	97.3	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1
95.7	97.8	98.0	98.0	98.7	98.8	98.8	99.1	99.1	99.1	99.2	99.2
95.7	97.8	98.0	98.0	98.7	99.0	99.0	99.3	99.3	99.3	99.4	99.4
95.7	97.8	98.0	98.0	98.7	99.0	99.0	99.3	99.3	99.3	99.6	99.6
95.7	97.8	98.0	98.0	98.7	99.0	99.0	99.3	99.3	99.3	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

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	53.9	53.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 20000	57.1	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 15000	57.1	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 14000	57.1	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 14000	57.8	58.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 12000	58.9	59.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 10000	71.2	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 9000	71.4	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 8000	73.9	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 7000	75.1	75.5	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
GE 6000	75.3	75.9	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 5000	76.2	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 4500	76.7	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 4000	77.4	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 3500	78.5	79.1	80.1	80.2	80.3	80.4	80.5	80.5	80.5	80.5
GE 3000	80.9	81.4	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 2500	82.9	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2000	84.8	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1
GE 1800	85.1	86.3	86.3	86.4	86.4	86.5	86.5	86.6	86.6	86.6
GE 1500	85.9	86.9	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4
GE 1200	86.7	87.9	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3
GE 1000	88.4	89.7	89.9	89.1	89.2	89.3	89.3	89.3	89.3	89.3
GE 900	88.7	89.9	90.1	90.3	90.6	90.8	90.8	90.8	90.8	90.8
GE 800	89.0	90.1	90.5	90.8	91.0	91.2	91.2	91.2	91.2	91.2
GE 700	89.9	91.3	92.0	92.3	92.7	93.0	93.2	93.2	93.2	93.2
GE 600	91.0	92.4	93.4	93.4	93.8	94.4	94.8	94.8	94.8	94.8
GE 500	92.2	93.7	94.1	94.1	94.5	95.1	95.5	95.6	95.6	95.6
GE 400	92.2	93.7	94.1	94.3	94.8	95.4	95.9	96.0	96.0	96.0
GE 300	92.2	93.9	94.4	94.6	95.1	95.8	96.3	96.5	96.5	96.5
GE 200	92.2	93.9	94.4	94.6	95.1	95.8	96.3	96.5	96.5	96.5
GE 100	92.2	93.9	94.4	94.6	95.1	95.8	96.3	96.5	96.5	96.5
GE 000	92.2	93.9	94.4	94.6	95.1	95.8	96.3	96.5	96.5	96.5

TOTAL NUMBER OF OBSERVATIONS 900

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: NOV HOURS: 18-20

CEILING IN HUNDREDS OF FEET / VISIBILITY IN STATUTE MILES	LT 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
	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
	94.2	94.3	94.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7
	95.4	96.0	96.0	96.7	97.0	97.0	97.0	97.0	97.0	97.0
	95.6	97.6	97.6	98.2	98.7	98.7	98.7	98.7	98.7	98.7
	96.7	98.0	98.0	98.7	99.1	99.1	99.3	99.3	99.3	99.3
	96.7	98.0	98.0	98.7	99.1	99.1	99.4	99.4	99.7	99.8
	96.7	98.0	98.0	98.7	99.1	99.1	99.4	99.4	99.7	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

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	62.4	62.5	62.9	63.4	63.1	63.1	63.2	63.2	63.2	63.2
GE 20000	67.7	68.6	68.8	68.7	68.8	68.8	68.9	68.9	68.9	68.9
GE 18000	67.7	68.6	68.8	68.7	68.8	68.8	68.9	68.9	68.9	68.9
GE 15000	67.7	68.6	68.8	68.7	68.8	68.8	68.9	68.9	68.9	68.9
GE 14000	68.2	69.0	69.2	69.2	69.1	69.1	69.2	69.2	69.2	69.2
GE 12000	69.2	69.1	69.1	69.2	69.3	69.3	69.4	69.4	69.4	69.4
GE 10000	71.4	71.5	71.8	71.9	72.0	72.0	72.1	72.1	72.1	72.1
GE 9000	71.4	71.5	71.8	71.9	72.0	72.0	72.1	72.1	72.1	72.1
GE 8000	72.5	73.7	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.1
GE 7000	74.1	75.2	75.4	75.4	75.5	75.6	75.7	75.7	75.7	75.7
GE 6000	75.7	76.8	77.0	77.1	77.2	77.2	77.3	77.3	77.3	77.3
GE 5000	77.1	77.2	77.3	77.5	77.7	77.7	77.8	77.8	77.8	77.8
GE 4500	78.3	77.4	77.7	77.9	78.0	78.0	78.1	78.1	78.1	78.1
GE 4000	77.4	78.4	78.7	79.2	79.4	79.4	79.5	79.6	79.6	79.6
GE 3500	78.1	79.2	79.4	79.6	80.2	80.2	80.3	80.3	80.3	80.3
GE 3000	79.1	79.9	80.1	80.5	80.9	80.9	81.0	81.0	81.0	81.0
GE 2500	79.7	80.9	81.1	81.6	81.8	81.9	82.0	82.0	82.0	82.0
GE 2000	81.0	82.1	82.5	83.0	83.3	83.3	83.4	83.4	83.4	83.4
GE 1800	81.3	82.5	83.1	83.5	83.9	83.9	84.0	84.0	84.0	84.0
GE 1500	81.6	83.1	83.4	84.3	84.7	84.7	84.9	84.9	84.9	84.9
GE 1200	83.1	84.5	85.4	86.2	86.2	86.2	86.3	86.3	86.3	86.3
GE 1000	83.7	85.4	86.3	87.0	87.3	87.3	87.7	87.7	87.7	87.7
GE 900	83.7	85.7	86.6	87.5	87.9	87.9	88.2	88.2	88.2	88.2
GE 800	83.9	86.1	87.2	88.4	89.0	89.0	89.3	89.3	89.3	89.3
GE 700	84.3	86.2	87.9	89.4	90.0	90.0	90.7	90.7	90.7	90.7
GE 600	84.4	86.7	88.4	90.1	90.7	90.7	91.3	91.4	91.4	91.4
GE 500	85.3	87.3	89.4	91.9	93.0	93.1	94.4	94.7	94.7	94.8
GE 400	85.3	87.6	89.7	92.2	93.7	93.8	95.4	96.0	96.0	96.3
GE 300	85.3	87.7	90.1	92.7	94.2	94.4	95.4	97.1	97.1	97.2
GE 200	85.3	87.7	90.1	92.7	94.3	94.7	96.8	97.8	97.8	98.3
GE 100	85.3	87.7	90.1	92.7	94.3	94.7	96.9	97.9	98.0	98.6
GE 000	85.3	87.7	90.1	92.7	94.3	94.7	96.9	97.9	98.0	98.6

TOTAL NUMBER OF OBSERVATIONS 900

AGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible]

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: NOV HOURS: 21-23

VISIBILITY IN STATUTE MILES										
GE 2 1/2	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
63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
[illegible]	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
[illegible]	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
[illegible]	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
94.1	94.4	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
95.3	95.4	96.0	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6
94.4	95.4	97.1	97.1	97.6	97.9	97.9	98.0	98.0	98.0	98.0
94.7	96.8	97.8	97.8	98.3	98.8	98.8	99.2	99.2	99.2	99.2
94.7	96.9	97.9	98.0	98.6	99.0	99.2	99.7	99.7	99.7	99.9
94.7	96.9	97.9	98.0	98.6	99.0	99.2	99.7	99.7	99.7	100.0

OPERATING LOCATION: WAW
USAFETAC, ARNEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK PERIO
LST TO UTC: + 6 MONTH

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	10	9	8	7	6	5	4	3	2	1
	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
00 CIL	55.4	56.7	56.9	57.1	57.3	57.3	57.4	57.5	57.5	57.5
00 20000	61.	62.6	62.9	63.1	63.3	63.3	63.4	63.4	63.4	63.5
00 10000	61.7	62.3	63.1	63.3	63.5	63.5	63.5	63.5	63.5	63.7
00 5000	61.7	62.4	63.1	63.3	63.5	63.5	63.5	63.5	63.5	63.7
00 3000	62.2	62.2	63.5	63.7	63.9	63.9	64.0	64.0	64.0	64.1
00 2000	62.4	63.3	64.3	64.5	64.5	64.7	64.7	64.8	64.8	64.9
00 1000	65.2	65.2	66.0	66.2	67.0	67.0	67.1	67.1	67.1	67.2
00 800	65.3	66.3	67.3	67.5	67.8	67.8	67.9	67.9	67.9	68.0
00 600	67.6	68.4	69.7	69.9	69.2	69.2	69.3	69.4	69.4	69.5
00 400	69.3	70.4	71.7	72.1	72.3	72.3	72.4	72.4	72.4	72.5
00 300	69.5	70.7	72.1	72.7	73.0	73.0	73.1	73.1	73.1	73.2
00 200	69.5	70.7	72.1	72.7	73.0	73.0	73.1	73.1	73.1	73.2
00 100	69.5	70.7	72.1	72.7	73.0	73.0	73.1	73.1	73.1	73.2
00 000	69.5	70.7	72.1	72.7	73.0	73.0	73.1	73.1	73.1	73.2
01 20000	71.3	71.9	71.9	71.7	71.4	72.0	72.0	72.1	72.1	72.2
01 15000	71.3	71.8	72.3	72.3	72.5	72.6	72.5	72.7	72.7	72.8
01 10000	72.1	73.1	73.5	74.0	74.3	74.3	74.4	74.4	74.4	74.5
01 5000	72.1	73.1	74.4	74.8	75.1	75.1	75.2	75.3	75.3	75.4
01 3000	74.3	75.3	75.7	75.7	76.5	76.5	76.7	76.7	76.7	76.8
01 2000	74.7	77.0	77.7	78.1	78.4	78.5	78.6	78.7	78.7	78.7
01 1800	77.4	78.1	78.9	80.3	80.7	80.8	81.0	81.0	81.0	81.1
01 1500	78.1	79.2	80.5	81.0	81.4	81.5	81.7	81.8	81.8	81.9
01 1000	79.4	81.1	82.3	82.5	82.9	83.0	83.1	83.2	83.2	83.3
01 800	80.3	81.9	83.3	84.4	84.9	85.0	85.2	85.3	85.3	85.4
01 600	81.7	84.3	85.3	85.9	86.5	86.6	86.8	86.9	86.9	87.0
01 500	82.2	84.6	86.2	87.0	87.5	87.6	87.8	88.0	88.0	88.1
01 400	82.6	85.3	86.9	87.8	88.6	88.8	89.1	89.2	89.2	89.3
01 300	82.9	85.7	87.5	88.7	89.5	89.9	90.3	90.4	90.4	90.5
01 200	83.1	86.1	88.2	89.5	90.3	91.2	91.8	91.9	91.9	92.0
01 100	83.1	86.1	88.2	89.5	90.3	91.2	91.8	91.9	91.9	92.0
01 000	83.1	86.1	88.2	89.5	90.3	91.2	91.8	91.9	91.9	92.0
02 800	82.3	85.4	88.9	90.5	92.2	92.6	93.6	93.7	93.7	93.8
02 400	82.3	85.4	88.1	91.1	93.0	93.6	95.0	95.5	95.5	95.7
02 300	82.4	85.7	89.3	91.4	93.4	94.2	95.7	96.5	96.5	97.0
02 200	82.4	85.7	89.3	91.5	93.6	94.3	95.8	96.9	96.9	97.0
02 100	82.4	85.7	89.3	91.5	93.6	94.4	95.1	97.0	97.1	97.2
02 000	82.4	85.7	89.3	91.5	93.6	94.4	95.1	97.0	97.1	97.2

TOTAL NUMBER OF OBSERVATIONS 7200

NTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: NOV HOURS: ALL

VISIBILITY IN STATUTE MILES										
GE 2 1/2	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
57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6
63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5
63.5	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.8	63.8
63.5	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.8	63.8
63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.2	64.2	64.2
64.7	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	65.0
67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.3	67.3
67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.5
69.2	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5
70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.6
71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.3	71.3
72.0	72.0	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.3
72.5	72.5	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.6	74.6	74.6	74.6
75.1	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.5
76.5	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.9	76.9
78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
81.0	81.0	81.0	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2
81.5	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9
83.0	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.4
85.0	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.5
86.8	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.1	87.1
87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2
89.1	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.4
90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6
91.2	91.8	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.2
92.5	93.5	93.7	93.7	93.9	93.9	93.9	93.9	94.0	94.0	94.0
93.5	95.0	95.5	95.5	95.9	96.0	96.0	96.1	96.1	96.1	96.2
94.2	95.7	96.5	96.5	97.0	97.2	97.3	97.5	97.5	97.5	97.6
94.3	96.0	96.9	96.9	97.6	97.9	98.0	98.4	98.5	98.6	98.7
94.4	96.1	97.0	97.1	97.8	98.1	98.3	98.8	99.0	99.2	99.6
94.4	96.1	97.0	97.1	97.8	98.1	98.3	98.8	99.0	99.3	100.0

OPERATING LOCATION WAW
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM ALL OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB, OK
LST TO UTC: + 6

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	56.3	56.7	58.0	58.0	58.0	59.0	59.4	59.4	59.4	59.
20000	61.1	61.5	61.7	61.8	61.8	61.8	62.2	62.2	62.2	62.
18000	61.1	61.5	61.7	61.8	61.8	61.8	62.2	62.2	62.2	62.
15000	61.2	61.5	61.7	61.9	61.8	61.8	62.2	62.2	62.2	62.
14000	61.1	61.5	61.7	61.9	61.8	61.8	62.2	62.2	62.2	62.
12000	62.2	62.6	62.7	62.9	62.9	62.9	63.2	63.2	63.2	63.
11000	64.4	64.9	65.2	65.3	65.3	65.3	65.6	65.6	65.6	65.
10000	64.4	64.9	65.2	65.3	65.3	65.3	65.6	65.6	65.6	65.
9000	65.2	65.	65.3	65.2	65.2	65.2	65.7	65.7	65.7	65.
8000	66.9	67.3	67.2	67.4	67.4	67.4	67.8	67.8	67.8	67.
7000	67.2	67.6	67.7	68.0	68.2	68.2	68.6	68.6	68.6	68.
6000	67.3	67.7	68.4	68.6	68.8	68.8	69.4	69.4	69.4	69.
5000	69.1	69.7	70.0	70.2	70.4	70.4	71.0	71.0	71.0	71.
4500	70.3	70.9	71.3	71.7	71.9	71.9	72.5	72.5	72.5	72.
4000	71.7	72.3	72.7	73.2	73.4	73.4	74.0	74.0	74.0	74.
3500	71.9	72.5	72.9	73.4	73.7	73.7	74.2	74.2	74.2	74.
3000	73.1	73.7	74.1	74.5	74.8	74.8	75.4	75.4	75.4	75.
2500	75.1	75.7	76.0	77.2	77.5	77.5	78.1	78.1	78.1	78.
2000	75.3	76.0	76.3	77.5	77.8	77.8	78.4	78.4	78.4	78.
1500	76.7	77.5	78.0	79.2	79.5	79.7	80.3	80.3	80.3	80.
1200	77.4	78.4	81.2	81.7	82.2	82.4	82.9	82.9	82.9	82.
1000	80.2	81.7	82.6	83.3	83.9	84.2	84.7	84.7	84.7	84.
900	80.5	82.2	82.9	83.6	84.3	84.5	85.2	85.2	85.2	85.
800	81.3	82.9	83.5	84.4	84.9	85.3	86.0	86.1	86.1	86.
700	81.7	83.3	85.2	86.2	87.2	87.6	88.3	88.6	88.6	88.
600	82.4	84.3	85.7	87.3	88.4	88.7	89.6	89.9	89.9	90.
500	82.4	84.3	85.9	87.7	89.0	89.7	90.9	91.1	91.2	91.
400	82.5	84.4	86.1	88.2	90.1	91.5	93.1	93.6	94.0	94.
300	82.6	84.5	86.2	88.5	90.5	92.4	94.1	95.1	95.4	95.
200	82.6	84.5	86.5	88.5	90.5	92.5	94.3	95.4	95.7	96.
100	82.6	84.6	86.5	88.6	90.6	92.5	94.3	95.4	95.7	96.
000	82.6	84.6	86.5	88.6	90.6	92.5	94.3	95.4	95.7	96.

TOTAL NUMBER OF OBSERVATIONS 930

...AGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

... AFB, ... PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: DEC HOURS: 00-02

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES									
	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5
	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3
	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3
	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3
	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3
	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3
	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7
	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7
	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8
	67.3	67.3	67.3	67.3	67.3	67.3	68.0	68.0	68.0	68.0
	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7
	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5
	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1
	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6
	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1
	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3
	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5
	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2
	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9
	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3
	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0
	84.7	84.7	84.7	84.7	84.8	84.8	84.9	84.9	84.9	84.9
	85.2	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4
	86.0	86.1	86.1	86.3	86.3	86.3	86.5	86.5	86.5	86.5
	88.3	88.5	88.5	88.7	88.8	88.8	88.9	88.9	88.9	88.9
	89.5	89.6	89.8	89.8	90.0	90.1	90.1	90.2	90.2	90.3
	90.9	91.1	91.2	91.4	91.5	91.5	91.6	91.6	91.7	91.7
	93.1	93.9	94.0	94.2	94.3	94.3	94.4	94.4	94.5	94.5
	94.1	95.1	95.4	96.1	96.3	96.3	96.5	96.5	96.7	96.8
	94.3	95.4	95.7	96.5	97.0	97.0	97.2	97.2	97.5	97.7
	94.3	95.4	95.7	96.7	97.3	97.4	97.7	98.0	98.3	98.9
	94.3	95.4	95.7	96.7	97.3	97.4	97.7	98.0	98.3	100.0

OPERATING LOCATION "WE"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723840 STATION NAME: TUCSON AP/ D
LST TO UTC: + 6

CEILING	VISIBILITY IN STATUTE MILES								
	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4
NO CEIL	58.4	74.3	84.0	84.7	88.2	89.2	90.4	90.9	91.4
20000	56.0	56.7	57.2	57.3	57.7	57.7	58.3	58.4	58.5
15000	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
10000	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
9000	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
8000	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
7000	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
6000	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
5000	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
4500	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
4000	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
3500	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
3000	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
2500	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
2000	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
1800	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
1600	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
1400	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
1200	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
1000	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
900	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
800	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
700	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
600	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
500	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
400	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
300	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
200	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
100	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5
000	56.0	56.6	57.2	57.3	57.7	57.7	58.3	58.4	58.5

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible]: TINKER AFB OK
[illegible]: [illegible]

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: DEC HOURS: 03-05

VISIBILITY IN STATUTE MILES

GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5
57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.2	58.2
57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.2	58.2
57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.2	58.2
57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.2	58.2
[illegible]	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.9	58.9
61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5
61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.9	61.9
[illegible]	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.2	63.2
64.2	64.[illegible]	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.7	64.7
64.4	64.4	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.9	64.9
65.4	65.4	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.9	65.9
[illegible]	[illegible]	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.4	67.4
[illegible]	68.7	[illegible]	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.2	69.2
[illegible]	69.5	[illegible]	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.1	70.1
71.0	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.5	71.5
72.4	72.4	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.9	72.9
74.3	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.8	74.8
75.4	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9	76.0	76.0
77.7	77.[illegible]	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.4	78.4
[illegible]1.2	81.4	[illegible]	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.2	82.2
[illegible]	83.2	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0
[illegible]	84.3	84.7	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]	84.9	85.1	85.1
[illegible].7	[illegible]	[illegible]	86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.8	86.8
87.1	87.[illegible]	88.7	88.[illegible]	88.9	88.9	88.9	88.9	88.9	89.0	89.1	89.1
[illegible]	[illegible]	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.3	91.3
[illegible].7	91.0	92.5	92.8	92.8	92.8	92.9	92.9	92.9	93.0	93.1	93.1
90.4	92.0	93.9	94.1	94.1	94.2	94.3	94.3	94.3	94.4	94.5	94.5
90.6	92.4	94.5	95.1	95.1	95.6	96.2	96.2	96.2	96.5	96.6	96.6
[illegible]	92.4	94.5	95.1	95.2	96.1	96.[illegible]	96.9	97.4	97.5	98.1	98.1
90.6	92.4	94.5	95.1	95.2	96.1	97.1	97.1	97.8	98.2	98.7	98.9
90.6	92.4	94.5	95.1	95.2	96.1	97.1	97.1	97.[illegible]	98.2	98.9	100.0

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM ASSIGNED OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	10	9	8	7	6	5	4	3	2 1/2	2
NO CEIL	50.9	51.7	51.9	52.5	52.5	52.5	52.7	52.9	52.9	52.
20000	54.1	54.3	55.1	55.7	55.7	55.7	55.9	56.0	56.0	56.
18000	54.1	54.3	55.1	55.7	55.7	55.7	55.9	56.0	56.0	56.
15000	54.1	54.3	55.1	55.7	55.7	55.7	55.9	56.0	56.0	56.
14000	54.1	54.3	55.1	55.7	55.7	55.7	55.9	56.0	56.0	56.
12000	54.3	54.5	55.3	55.9	55.9	55.9	56.1	56.2	56.2	56.
10000	57.1	57.4	58.5	59.1	59.1	59.1	59.4	59.5	59.5	59.
9000	57.1	57.4	58.3	59.5	59.5	59.5	59.7	59.8	59.8	59.
8000	57.3	57.6	58.8	61.0	61.5	61.5	61.8	61.9	61.9	62.
7000	61.1	61.3	62.2	62.8	62.8	62.8	63.0	63.2	63.2	63.
6000	61.4	61.6	62.5	63.1	63.1	63.1	63.4	63.5	63.5	63.
5000	62.3	62.5	63.7	64.3	64.3	64.3	64.5	64.7	64.7	64.
4500	62.3	62.5	63.7	64.3	64.3	64.3	64.5	64.7	64.7	64.
4000	64.3	64.5	65.7	66.3	66.7	66.7	66.9	67.1	67.1	67.
3500	66.1	66.3	67.5	68.1	68.1	68.1	68.3	68.5	68.5	68.
3000	66.1	66.3	67.5	68.1	68.4	68.4	68.7	68.9	68.9	69.
2900	69.4	69.6	70.8	71.4	71.7	71.7	72.0	72.2	72.2	72.
2800	69.4	69.6	70.8	71.4	71.7	71.7	72.0	72.2	72.4	72.
2700	69.6	69.8	71.0	71.6	72.0	73.0	73.3	73.5	73.5	73.
2600	71.0	71.2	72.4	73.0	73.4	74.4	74.7	74.9	74.9	75.
2500	73.1	73.3	74.5	75.1	75.4	76.4	76.7	77.0	77.0	77.
2400	74.7	74.9	76.1	76.7	77.0	78.0	78.3	78.5	78.5	78.
2300	75.1	75.3	76.5	77.1	77.4	78.4	78.7	78.9	78.9	79.
2200	75.1	75.3	76.5	77.1	77.4	78.4	78.7	78.9	78.9	79.
2100	75.4	75.6	76.8	77.4	77.7	78.7	79.0	79.2	79.2	79.
2000	77.3	77.5	78.7	79.3	79.6	80.6	80.9	81.1	81.2	81.
1900	77.7	77.9	79.1	79.7	80.0	81.0	81.3	81.5	81.6	81.
1800	78.1	78.3	79.5	80.1	80.4	81.4	81.7	81.9	82.0	82.
1700	78.4	78.6	79.8	80.4	80.7	81.7	82.0	82.2	82.3	82.
1600	78.6	78.8	80.0	80.6	80.9	81.9	82.2	82.4	82.5	82.
1500	78.6	78.8	80.0	80.6	80.9	81.9	82.2	82.4	82.5	82.
1400	78.8	79.0	80.2	80.8	81.1	82.1	82.4	82.6	82.7	82.
1300	79.2	79.4	80.6	81.2	81.5	82.5	82.8	83.0	83.1	83.
1200	79.4	79.6	80.8	81.4	81.7	82.7	83.0	83.2	83.3	83.
1100	79.4	79.6	80.8	81.4	81.7	82.7	83.0	83.2	83.3	83.
1000	79.6	79.8	81.0	81.6	81.9	82.9	83.2	83.4	83.5	83.
900	79.6	79.8	81.0	81.6	81.9	82.9	83.2	83.4	83.5	83.
800	79.6	79.8	81.0	81.6	81.9	82.9	83.2	83.4	83.5	83.
700	79.6	79.8	81.0	81.6	81.9	82.9	83.2	83.4	83.5	83.
600	79.6	79.8	81.0	81.6	81.9	82.9	83.2	83.4	83.5	83.
500	79.6	79.8	81.0	81.6	81.9	82.9	83.2	83.4	83.5	83.

TOTAL NUMBER OF OBSERVATIONS 233

CENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: DEC HOURS: 06-08

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	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
	52.5	52.7	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0
	55.7	55.9	56.0	56.0	56.2	56.3	56.3	56.3	56.3	56.3	56.3
	55.7	55.9	56.0	56.0	56.2	56.3	56.3	56.3	56.3	56.3	56.3	
	55.7	55.9	56.0	56.0	56.2	56.3	56.3	56.3	56.3	56.3	56.3	
	55.7	55.9	56.0	56.0	56.2	56.3	56.3	56.3	56.3	56.3	56.3	
	56.2	56.5	56.6	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9	
	59.1	59.4	59.5	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8	
	59.8	60.1	60.3	60.3	60.5	60.1	60.1	60.1	60.1	60.1	60.1	
	61.6	61.8	61.9	61.9	62.2	62.3	62.3	62.3	62.3	62.3	62.3	
	62.8	63.0	63.2	63.2	63.4	63.5	63.5	63.5	63.5	63.5	63.5	
	63.1	63.3	63.5	63.5	63.8	63.9	63.9	63.9	63.9	63.9	63.9	
	64.3	64.5	64.7	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.1	
	64.9	65.2	65.4	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	
	66.7	66.9	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	
	68.1	68.3	68.5	68.5	68.7	68.8	68.8	68.8	68.8	68.8	68.8	
	68.4	68.7	68.9	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2	
	69.7	70.0	70.2	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	
	71.5	72.2	72.4	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	
	73.0	73.3	73.5	73.5	73.8	73.9	73.9	73.9	73.9	73.9	73.9	
	75.4	75.7	75.9	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	
	77.9	78.2	78.4	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	
	79.7	80.0	80.2	80.3	80.6	80.8	80.8	80.8	80.8	80.8	80.8	
	80.6	80.9	81.1	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.6	
	82.3	82.6	82.8	82.9	83.2	83.3	83.3	83.4	83.4	83.4	83.4	
	84.5	84.8	84.9	84.9	85.2	85.3	85.3	85.4	85.4	85.4	85.4	
	86.9	87.2	87.3	87.3	87.6	88.0	88.0	88.1	88.1	88.1	88.1	
	89.0	89.2	89.3	89.3	90.4	90.5	90.5	90.8	90.8	90.8	90.8	
	89.7	91.1	91.6	91.7	92.5	92.6	92.6	92.9	92.9	92.9	92.9	
	89.9	91.9	92.9	93.3	94.6	94.9	94.9	95.4	95.4	95.4	95.4	
	90.0	92.4	93.3	93.9	95.7	96.2	96.2	96.9	96.9	96.9	96.9	
	90.0	92.4	93.4	94.1	96.0	96.7	96.7	97.4	97.6	98.2	98.5	
	90.0	92.4	93.4	94.1	96.0	96.7	96.7	97.4	97.6	98.2	100.0

OPERATING LOCATION WAW
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERIO
MONTH

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	49.3	50.4	50.7	51.1	51.2	51.2	51.2	51.2	51.2	51.1
GE 20000	56.3	57.1	57.3	57.5	57.7	57.7	57.7	57.7	57.7	57.
GE 18000	56.3	57.5	57.7	58.2	58.3	58.3	58.4	58.4	58.4	58.4
GE 17000	56.3	57.5	57.8	58.2	58.3	58.3	58.4	58.4	58.4	58.4
GE 15000	56.5	57.7	58.0	58.3	58.4	58.4	58.5	58.5	58.5	58.5
GE 12000	57.1	57.9	58.1	58.5	58.6	58.6	58.6	58.6	58.6	58.6
GE 10000	58.4	61.7	62.2	62.5	62.7	62.7	62.8	62.9	62.9	62.9
GE 9000	59.5	61.9	62.4	62.7	62.9	63.0	63.2	63.2	63.2	63.2
GE 8000	62.2	63.4	64.1	64.4	64.5	64.7	64.8	64.9	64.9	64.9
GE 7000	63.2	64.7	65.4	65.7	65.9	66.0	66.2	66.2	66.2	66.2
GE 6000	63.8	64.9	65.6	65.9	66.1	66.2	66.5	66.5	66.5	66.5
GE 5000	64.1	65.1	65.8	66.2	66.5	66.7	67.1	67.1	67.1	67.1
GE 4500	64.5	65.1	66.3	67.1	67.5	67.6	67.9	67.9	67.9	67.9
GE 4000	65.4	66.1	67.3	68.5	68.7	68.8	69.0	69.0	69.0	69.0
GE 3500	66.3	67.4	68.4	69.3	70.1	70.2	70.4	70.4	70.4	70.4
GE 3000	67.1	68.5	69.7	70.2	70.5	70.6	70.9	70.9	70.9	70.9
GE 2500	68.4	69.9	71.1	71.5	71.9	72.0	72.3	72.3	72.3	72.3
GE 2000	70.1	71.5	73.0	73.5	73.9	74.0	74.2	74.2	74.2	74.2
GE 1800	70.5	71.9	73.3	73.9	74.3	74.4	74.6	74.6	74.6	74.6
GE 1500	72.4	74.2	75.6	76.1	76.5	76.6	76.8	76.8	76.8	76.8
GE 1200	73.7	75.9	77.4	78.2	78.5	78.7	78.9	78.9	78.9	78.9
GE 1000	74.7	77.3	79.4	80.1	80.5	80.8	81.0	81.0	81.0	81.0
GE 900	75.1	77.7	80.1	80.9	81.4	81.6	81.8	81.8	81.8	81.8
GE 800	75.4	78.4	81.4	82.2	82.9	83.2	83.7	83.7	83.7	83.7
GE 700	76.3	79.2	82.4	83.7	84.6	84.9	85.7	85.8	85.8	85.8
GE 600	76.6	79.5	83.0	84.0	85.6	86.1	87.2	87.4	87.4	87.4
GE 500	76.9	80.0	84.2	85.6	87.3	87.8	89.5	90.0	90.0	90.0
GE 450	76.9	80.3	84.5	86.2	88.4	89.1	91.1	91.9	92.0	92.0
GE 400	76.9	80.3	84.5	86.5	88.8	89.8	92.5	94.0	94.2	95.0
GE 300	76.9	80.3	84.5	86.5	88.9	89.9	92.7	94.2	94.4	95.2
GE 100	76.9	80.3	84.5	86.5	88.9	89.9	92.7	94.2	94.4	95.3
GE 000	76.9	80.3	84.5	86.5	88.9	89.9	92.7	94.2	94.4	95.3

TOTAL NUMBER OF OBSERVATIONS 930

...F FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

...VEL JK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: DEC HOURS: 09-11

CEILING IN HUNDREDS OF FEET / VISIBILITY IN STATUTE MILES

	GE 2 1/2	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
	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
	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	74.2	74.2	74.2	74.2	74.2	74.2
	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
	83.7	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
	85.7	85.8	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1
	87.2	87.4	87.4	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1
	89.6	90.0	90.0	90.5	90.9	90.9	90.9	91.0	91.0	91.0	91.0
	91.1	91.9	92.0	92.8	93.3	93.3	93.4	93.5	93.5	93.5	93.5
	92.5	94.0	94.2	95.9	96.6	96.7	96.9	97.0	97.0	97.1	97.1
	92.7	94.2	94.4	96.2	97.4	97.6	98.0	98.2	98.3	98.4	98.4
	92.7	94.2	94.4	96.5	97.6	97.8	98.3	98.6	98.8	99.7	99.7
	92.7	94.2	94.4	96.5	97.6	97.8	98.3	98.6	98.8	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 4	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1
NO CEIL	50.3	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 20000	60.3	60.4	60.4	60.5	60.6	60.5	60.5	60.5	60.5	60.5
GE 18000	60.5	60.6	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 16000	60.5	60.6	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 14000	60.5	60.6	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 12000	62.2	62.3	62.3	62.5	62.6	62.6	62.6	62.6	62.6	62.6
GE 10000	65.7	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 9000	66.2	66.3	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 8000	67.7	67.8	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 7000	69.7	69.8	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 6000	70.0	70.1	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 5000	70.2	70.4	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 4500	71.4	71.5	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4000	73.4	73.7	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 3500	73.7	73.8	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 3000	74.1	74.3	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 2500	75.4	75.5	75.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 2000	77.4	77.5	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 1500	77.7	78.2	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 1000	79.	80.8	81.3	81.4	81.7	81.7	81.7	81.7	81.7	81.7
GE 1200	81.2	82.9	84.2	84.6	84.9	84.9	84.9	84.9	84.9	84.9
GE 1000	82.3	83.4	85.2	85.3	86.3	86.5	86.5	86.6	86.6	86.6
GE 900	82.5	84.3	85.7	86.6	87.2	87.3	87.5	87.5	87.5	87.5
GE 800	83.2	85.4	86.9	88.3	89.2	89.5	89.7	89.8	89.8	89.8
GE 700	84.1	86.3	88.1	89.8	90.9	91.2	92.0	92.2	92.2	92.2
GE 600	84.1	86.5	88.5	91.0	92.3	92.6	93.7	93.8	93.8	93.8
GE 500	84.1	86.5	88.8	91.3	92.9	93.2	94.4	94.6	94.6	94.6
GE 400	84.1	86.5	88.8	91.4	93.5	94.0	95.7	96.3	96.3	96.3
GE 300	84.2	86.7	89.2	92.0	94.4	94.8	96.0	97.5	97.5	97.7
GE 200	84.2	86.7	89.4	92.2	94.5	94.9	96.9	97.7	98.0	98.3
GE 100	84.2	86.7	89.4	92.2	94.5	94.9	96.9	97.7	98.0	98.3
GE 000	84.2	86.7	89.4	92.2	94.5	94.9	96.9	97.7	98.0	98.3

TOTAL NUMBER OF OBSERVATIONS 930

TAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: DEC HOURS: 12-14

VISIBILITY IN STATUTE MILES

GE 1/2	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
50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
93.7	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
94.4	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.8	94.8	94.8
95.7	96.3	96.3	96.3	96.3	96.6	96.6	96.6	96.7	96.7	96.7
95.8	97.5	97.5	97.7	98.0	98.0	98.0	98.1	98.2	98.2	98.5
95.9	97.7	98.0	98.3	98.5	98.5	98.6	98.8	99.0	99.4	
95.9	97.7	98.0	98.3	98.5	98.5	98.6	98.9	99.1	99.5	
95.9	97.7	98.0	98.3	98.5	98.5	98.6	98.9	99.1	100.0	

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIO

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

CEILING IN FEET	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
				VISIBILITY IN STATUTE MILES						
NO CEIL	50.4	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51
GE 20000	58.1	58.9	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.
GE 18000	58.1	58.9	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.
GE 16000	58.5	59.3	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.
GE 14000	59.7	60.5	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.
GE 12000	61.0	61.7	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.
GE 10000	64.3	65.0	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.
GE 9000	65.4	66.1	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.
GE 8000	67.3	68.0	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.
GE 7000	69.6	70.4	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.
GE 6000	69.7	70.5	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.
GE 5000	70.9	71.7	72.6	72.7	72.8	72.8	72.9	72.9	72.9	72.
GE 4500	73.2	73.1	74.0	74.1	74.2	74.2	74.3	74.3	74.3	74.
GE 4000	75.6	74.4	75.3	75.5	75.6	75.6	75.7	75.7	75.7	75.
GE 3500	75.7	74.7	75.6	75.8	75.9	75.9	76.0	76.0	76.0	76.
GE 3000	77.1	76.6	77.2	77.5	77.6	77.6	77.7	77.7	77.7	77.
GE 2500	78.0	77.4	78.3	78.5	78.6	78.6	78.7	78.7	78.7	78.
GE 2000	78.9	80.5	81.5	81.7	81.8	81.9	82.2	82.2	82.2	82.
GE 1800	79.2	81.0	81.9	82.2	82.4	82.4	82.6	82.6	82.6	82.
GE 1600	80.8	82.6	83.5	84.2	84.4	84.5	84.7	84.7	84.7	84.
GE 1200	82.4	84.2	85.2	85.8	86.0	86.2	87.3	87.3	87.3	87.
GE 1000	83.2	85.2	86.1	87.5	87.7	87.8	88.3	88.3	88.3	88.
GE 900	83.7	85.7	86.7	88.3	89.1	89.2	89.7	89.7	89.7	89.
GE 800	83.9	85.9	86.9	88.5	89.7	90.3	90.4	91.2	91.2	91.
GE 700	84.4	87.2	88.7	91.3	91.8	92.0	93.3	93.3	93.4	93.
GE 600	84.5	87.3	89.2	92.2	92.3	93.0	94.5	94.7	94.8	95.
GE 500	84.5	87.3	89.4	92.5	93.3	93.5	95.1	95.3	95.5	95.
GE 400	84.5	87.4	89.5	93.1	94.0	94.3	95.3	95.8	96.0	97.
GE 300	84.5	87.4	89.3	93.5	94.4	94.7	95.9	97.5	97.7	98.
GE 200	84.5	87.4	90.9	93.5	94.4	94.7	97.0	97.5	97.7	98.
GE 100	84.5	87.4	90.9	93.5	94.4	94.7	97.1	97.7	98.0	98.
GE 000	84.5	87.4	90.9	93.5	94.4	94.7	97.1	97.7	98.0	98.

TOTAL NUMBER OF OBSERVATIONS 980

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

SITE: TINKER AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
TIME: LST MONTH: DEC HOURS: 15-17

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES											
	GE 3	GE 2 1/2	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
GE 22	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 20	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 18	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 16	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 14	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 12	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 10	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 5	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 3	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 2	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 1	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 0	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
M	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
M	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
M	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
M	86.8	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
M	87.7	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
M	89.1	89.2	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
M	90.3	90.4	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3
M	91.8	92.3	93.3	93.3	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8
M	92.3	93.0	94.5	94.7	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2
M	93.8	93.9	95.1	95.5	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9
M	94.3	94.3	95.3	95.8	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4
M	94.4	94.7	96.1	97.5	97.7	98.4	98.6	98.6	98.7	98.7	98.7	98.7
M	94.4	94.7	97.0	97.6	97.8	98.5	98.8	98.8	98.9	98.9	99.2	99.4
M	94.4	94.7	97.1	97.7	98.0	98.6	99.0	99.0	99.1	99.1	99.5	99.9
M	94.4	94.7	97.1	97.7	98.0	98.6	99.0	99.0	99.1	99.1	99.5	100.0

OPERATING LOCATION WAW
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIO

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERI
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CEILING IN FEET	VISIBILITY IN STATUTE MILES 7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1
ALL CEIL	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.
CE 20000	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.
CE 15000	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.
CE 10000	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.
CE 14000	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.
CE 12000	63.1	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.
CE 10000	66.9	67.3	67.3	67.1	67.1	67.1	67.1	67.1	67.1	67.
CE 9000	67.5	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.
CE 8000	69.1	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.
CE 7000	70.8	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.
CE 6000	70.9	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.
CE 5000	72.9	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.
CE 4500	73.8	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.
CE 4000	74.9	75.5	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.
CE 3500	75.2	75.8	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.
CE 3000	76.5	77.1	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.
CE 2500	77.6	78.1	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.
CE 2000	77.6	78.2	78.7	80.1	80.4	80.5	80.5	80.5	80.5	80.
CE 1500	77.4	78.2	80.6	81.1	81.4	81.5	81.5	81.5	81.5	81.
CE 1000	78.9	81.2	82.5	82.9	83.2	83.4	83.4	83.4	83.4	83.
CE 1200	79.2	83.5	84.6	85.2	85.5	85.6	85.6	85.6	85.6	85.
CE 1000	83.3	84.7	85.0	85.3	87.3	87.5	87.7	87.7	87.7	87.
CE 900	83.7	85.1	86.5	87.3	88.0	88.3	88.4	88.4	88.4	88.
CE 800	83.9	85.4	87.0	89.0	89.2	89.1	89.2	89.4	89.5	89.
CE 700	84.1	85.7	87.5	89.6	89.6	90.3	90.5	91.1	91.2	91.
CE 600	84.1	85.8	87.8	89.1	90.3	91.2	91.9	92.7	92.8	93.
CE 500	84.2	86.2	88.2	89.9	91.2	92.0	93.0	93.8	93.9	94.
CE 400	84.3	86.5	88.5	90.3	91.9	92.9	94.2	94.9	95.1	95.
CE 300	84.3	86.5	88.5	90.5	92.6	93.7	94.9	95.8	95.9	96.
CE 200	84.3	86.5	88.5	90.6	92.7	93.8	95.4	96.2	96.3	97.
CE 100	84.3	86.5	88.5	90.6	92.7	93.8	95.4	96.2	96.3	97.
CE 000	84.3	86.5	88.5	90.6	92.7	93.8	95.4	96.2	96.3	97.

TOTAL NUMBER OF OBSERVATIONS 930

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: DEC HOURS: 18-20

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
	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6
	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.8
	87.7	87.7	87.7	87.8	87.8	87.8	88.0	88.0	88.0	88.0
	88.4	88.4	88.4	88.5	88.6	88.6	88.7	88.7	88.7	88.7
	89.2	89.4	89.5	89.7	89.8	89.8	89.9	89.9	89.9	89.9
	90.6	91.1	91.2	91.4	91.5	91.5	91.6	91.6	91.6	91.6
	91.9	92.7	92.8	93.0	93.1	93.1	93.2	93.2	93.2	93.2
	93.0	93.8	93.9	94.1	94.2	94.2	94.4	94.4	94.4	94.4
	94.2	94.9	95.1	95.3	95.5	95.5	95.7	95.7	95.7	95.7
	94.9	95.8	95.9	96.6	97.2	97.2	97.5	97.5	97.5	97.5
	95.4	96.2	96.3	97.1	98.1	98.2	98.8	99.0	99.0	99.1
	95.4	96.2	96.3	97.1	98.2	98.3	99.1	99.6	99.7	99.9
	95.4	96.2	96.3	97.1	98.2	98.3	99.1	99.6	99.7	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE I
FROM HOURLY OBSERVATI

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

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		
NO CEIL	[illegible]	[illegible]	[illegible]	53.5	54.0	53.0	54.0	55.0	56.0	[illegible]
GE 20000	[illegible]	[illegible]	61.1	61.1	61.4	61.4	61.4	61.4	61.4	[illegible]
GE 15000	[illegible]	[illegible]	61.1	61.1	61.4	61.4	61.4	61.4	61.4	[illegible]
GE 10000	[illegible]	[illegible]	61.1	61.1	61.4	61.4	61.4	61.4	61.4	[illegible]
GE 8000	[illegible]	[illegible]	61.1	61.1	61.4	61.4	61.4	61.4	61.4	[illegible]
GE 7000	[illegible]	[illegible]	62.7	62.7	63.0	63.0	63.0	63.0	63.0	[illegible]
GE 6000	[illegible]	[illegible]	65.1	65.1	65.5	66.0	66.0	66.5	66.5	[illegible]
GE 5000	[illegible]	[illegible]	67.3	67.3	67.3	67.3	67.3	67.3	67.3	[illegible]
GE 4000	[illegible]	[illegible]	68.9	68.9	69.2	69.2	69.2	69.2	69.2	[illegible]
GE 3000	[illegible]	[illegible]	70.2	70.2	70.5	70.5	70.5	70.5	70.5	[illegible]
GE 2500	[illegible]	[illegible]	70.2	70.2	70.5	70.5	70.5	70.5	70.5	[illegible]
GE 2000	[illegible]	[illegible]	71.3	71.3	71.3	71.3	71.3	71.3	71.3	[illegible]
GE 1800	[illegible]	[illegible]	72.7	72.7	73.1	73.1	73.1	73.1	73.1	[illegible]
GE 1500	[illegible]	[illegible]	74.4	74.4	74.7	74.7	74.7	74.7	74.7	[illegible]
GE 1200	[illegible]	[illegible]	75.3	75.4	75.8	75.8	75.8	75.8	75.8	[illegible]
GE 1000	[illegible]	[illegible]	75.4	75.5	75.9	75.9	75.9	75.9	75.9	[illegible]
GE 900	[illegible]	[illegible]	77.1	77.2	77.6	77.6	77.6	77.6	77.6	[illegible]
GE 800	[illegible]	[illegible]	78.0	78.2	78.7	78.7	78.7	78.7	78.7	[illegible]
GE 700	[illegible]	[illegible]	79.7	79.9	80.3	80.3	80.3	80.3	80.3	[illegible]
GE 600	[illegible]	[illegible]	81.7	81.8	82.4	82.4	82.4	82.4	82.4	[illegible]
GE 500	[illegible]	[illegible]	83.2	83.5	84.0	84.0	84.0	84.0	84.0	[illegible]
GE 400	[illegible]	[illegible]	84.9	85.2	85.9	86.2	86.2	86.3	86.3	[illegible]
GE 300	[illegible]	[illegible]	86.7	86.9	87.6	87.9	87.9	87.9	87.9	[illegible]
GE 200	[illegible]	[illegible]	87.6	87.8	88.5	88.8	88.8	88.8	88.8	[illegible]
GE 100	[illegible]	[illegible]	87.7	88.0	88.7	89.0	89.0	89.0	89.0	[illegible]
GE 000	[illegible]	[illegible]	88.4	89.0	91.6	93.4	93.5	93.5	93.5	[illegible]
GE 400	[illegible]	[illegible]	89.5	90.2	91.2	92.6	94.7	95.1	95.1	[illegible]
GE 300	[illegible]	[illegible]	89.5	90.6	91.4	93.2	95.7	96.2	96.3	[illegible]
GE 200	[illegible]	[illegible]	89.9	90.9	92.0	93.4	95.9	96.5	96.5	[illegible]
GE 100	[illegible]	[illegible]	89.9	90.9	92.0	93.4	95.9	96.5	96.6	[illegible]
GE 000	[illegible]	[illegible]	89.9	90.9	92.0	93.4	95.9	96.5	96.6	[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

...AGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

...AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: DEC HOURS: 21-23

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
...9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
...4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
...4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
...4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
...4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
...0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
...5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
...3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
...2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
...5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
...5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
...3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
...1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
...4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
...8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
...9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
...5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
...7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
...3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
...4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
...0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
...3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
...4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
...5	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7
...3	89.3	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0
...9	90.9	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2
...5	93.4	93.5	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0
...5	94.7	95.1	95.1	95.5	95.5	95.5	95.5	95.6	95.6	95.6
...2	95.7	96.2	96.3	97.1	97.2	97.2	97.2	97.4	97.4	97.4
...4	95.9	96.5	96.5	97.5	97.6	97.6	97.7	98.0	98.1	98.2
...4	95.9	96.5	96.6	97.5	97.8	98.0	98.3	98.8	99.1	99.4
...4	95.9	96.5	96.6	97.5	97.9	98.0	98.3	99.0	99.4	100.0

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATION

STATION NUMBER: 72340 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

CEILING	VISIBILITY IN STATUTE MILES									
	10	9	8	7	6	5	4	3	2 1/2	2
	10+	9	8	7	6	5	4	3	2 1/2	2
10 OVC	53.4	54.0	54.1	54.3	54.4	54.4	54.5	54.5	54.5	54.
9										
8										
7										
6										
5										
4										
3										
2 1/2										
2										
1 1/2										
1 1/4										
1										
0										

TOTAL NUMBER OF OBSERVATIONS 7440

...AGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...M HOURLY OBSERVATIONS

...TION ... PERIOD OF RECORD: MAR 77 - FEB ...
MONTHS: DEC HOURS: ALL

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES	10	7	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
10	4.0	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
7	4.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
5	4.1	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
4	4.1	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
3	4.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
2 1/2	4.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
2	4.1	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
1 1/2	4.1	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
1 1/4	4.1	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	55.7	55.7
1	4.2	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
3/4	4.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
5/8	4.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
1/2	4.4	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
3/8	4.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
1/4	4.4	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
0	4.4	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
10	4.4	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
7	4.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
5	4.4	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
4	4.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
3	4.4	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
2 1/2	4.4	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
2	4.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
1 1/2	4.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
1 1/4	4.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
1	4.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
3/4	4.4	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
5/8	4.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
1/2	4.4	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
3/8	4.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1/4	4.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	4.4	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 [illegible]
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C[illegible]
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

CEILING IN FEET	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	[illegible]	[illegible]	59.	59.[illegible]	60.2	60.2	[illegible].3	[illegible].3	60.3	[illegible]
GE 20000	[illegible]	[illegible]	67.3	67.5	67.5	67.5	67.5	67.5	67.5	[illegible]
GE 18000	[illegible]	[illegible]	67.3	67.6	67.7	67.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 16000	[illegible]	[illegible]	67.3	67.[illegible]	67.[illegible]	67.8	67.[illegible]	67.9	67.9	67.[illegible]
GE 14000	[illegible]	[illegible]7.3	67.[illegible]	[illegible]	6[illegible].2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 12000	[illegible]	[illegible]	69.[illegible]	69.3	69.5	69.5	[illegible]	69.5	69.5	[illegible]
GE 10000	71.	72.1	72.7	73.[illegible]	73.2	73.3	73.3	73.[illegible]	73.4	[illegible]
GE 9000	71.[illegible]	72.[illegible]	73.[illegible]	73.3	73.[illegible]	73.[illegible]	73.[illegible]	73.7	73.7	73.7
GE 8000	73.	74.[illegible]	7[illegible].4	75.7	75.[illegible]	75.[illegible]	75.1	75.1	7[illegible].1	75.1
GE 7000	74.[illegible]	[illegible]	76.[illegible]	76.[illegible]	76.[illegible]	76.9	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]
GE 6000	74.[illegible]	[illegible]	76.7	77.1	77.3	77.4	77.4	77.4	77.4	77.[illegible]
GE 5000	7[illegible].	77.1	[illegible]	[illegible]	7[illegible].4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4500	7[illegible].	[illegible]	[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 4000	[illegible]	[illegible]	[illegible]1.1	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]	[illegible]	[illegible]
GE 3500	7[illegible].	[illegible]	[illegible]1.	[illegible]	[illegible]	[illegible].7	[illegible].7	[illegible]	[illegible]	[illegible]
GE 3000	[illegible]	[illegible]	[illegible]3.	[illegible]3.[illegible]	[illegible]	[illegible]3.[illegible]	[illegible]	[illegible]4.1	[illegible]4.1	[illegible].1
GE 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]5.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 2000	[illegible]	[illegible]	[illegible].1	[illegible].7	[illegible]7.1	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]7.[illegible]
GE 1800	[illegible].7	[illegible]	[illegible]	[illegible]7.2	[illegible]7.[illegible]	[illegible]7.7	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]	[illegible]7.[illegible]
GE 1500	[illegible]	[illegible]	[illegible]7.[illegible]	[illegible]	[illegible]	[illegible]	[illegible].1	[illegible]	[illegible]	[illegible]
GE 1200	[illegible].7	7[illegible].	[illegible]	[illegible]	[illegible].4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 1000	[illegible]	[illegible]	[illegible].1	[illegible]1.[illegible]	[illegible]1.[illegible]	[illegible]1.7	[illegible]1.[illegible]	[illegible]	[illegible]	[illegible].1
GE 900	[illegible]	[illegible]	[illegible]	[illegible]1.4	[illegible]2.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GE 800	[illegible]	[illegible]	[illegible]1.1	[illegible]2.1	[illegible]	[illegible]3.1	[illegible]	[illegible]	[illegible]	[illegible]
GE 700	[illegible]7.[illegible]	[illegible]	[illegible]1.[illegible]	[illegible].7	[illegible]	[illegible]3.[illegible]	[illegible]4.[illegible]	[illegible]4.3	[illegible]4.3	[illegible]
GE 600	[illegible]7.[illegible]	[illegible]	[illegible]1.[illegible]	[illegible]	[illegible]4.1	[illegible]4.[illegible]	[illegible]	[illegible].1	[illegible].1	[illegible]
GE 500	[illegible]7.[illegible]	[illegible]	[illegible].3	[illegible]3.[illegible]	[illegible]4.[illegible]	[illegible].3	[illegible]	[illegible].2	[illegible]	[illegible]
GE 400	[illegible]7.[illegible]	[illegible]	[illegible]	[illegible]4.1	[illegible].4	[illegible]	[illegible]	[illegible]7.2	[illegible]7.2	[illegible]7.
GE 300	[illegible]7.[illegible]	[illegible].3	[illegible]	[illegible]4.3	[illegible]5.7	[illegible].3	[illegible]7.4	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]
GE 200	[illegible]7.[illegible]	[illegible]	[illegible]2.7	[illegible]4.3	[illegible]	[illegible]	[illegible]7.5	[illegible]	[illegible].1	[illegible]
GE 100	[illegible]7.[illegible]	[illegible]	[illegible]2.7	[illegible]4.3	[illegible]	[illegible]6.4	[illegible]7.5	[illegible]	[illegible].1	[illegible]
GE 0	[illegible]7.[illegible]	[illegible]	[illegible]2.7	[illegible]4.[illegible]	[illegible]	[illegible].4	[illegible]7.[illegible]	[illegible]	[illegible].1	[illegible]

TOTAL NUMBER OF OBSERVATIONS: 376[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] AFB OK — PERIOD OF RECORD: MAR 73 - FEB 89
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES										
	GE 2 1/2	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
[illegible]	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4
[illegible]	67.5	67.5	67.5	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7
[illegible]	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9
[illegible]	67.8	67.8	67.8	67.8	67.8	67.9	67.9	68.0	68.0	68.0	68.0
[illegible]	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
[illegible]	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7
[illegible]	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
[illegible]	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8
[illegible]	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2
[illegible]	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1
[illegible]	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
[illegible]	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7
[illegible]	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6
[illegible]	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1
[illegible]	2.7	2.7	2.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9
[illegible]	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2
[illegible]	85.4	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7
[illegible]	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5
[illegible]	87.7	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0
[illegible]	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3
[illegible]	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
[illegible]	91.9	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.2
[illegible]	92.3	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8
[illegible]	93.1	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.7
[illegible]	93.8	94.2	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5
[illegible]	94.8	95.0	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
[illegible]	95.3	95.5	95.2	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5
[illegible]	95.8	95.9	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.7	97.7
[illegible]	95.3	97.4	97.5	97.5	98.3	98.4	98.4	98.5	98.5	98.6	98.6
[illegible]	95.4	97.5	98.0	98.1	98.5	98.8	98.8	99.0	99.0	99.1	99.2
[illegible]	96.4	97.5	98.0	98.1	98.5	98.9	98.9	99.2	99.3	99.5	99.7
[illegible]	96.4	97.5	98.0	98.1	98.5	98.9	98.9	99.2	99.3	99.5	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY C
FROM HOURLY OBSERVATIONS

STATION NUM [illegible]: 722[illegible] STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 MONTH:

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES OVERCAST	TOTAL OBSCURATIONS	BY 1/2	[illegible]
[illegible]-02	[illegible]	16.6	9.6	27.1	2.4	41.1	
[illegible]-05	41.6	15.6	12.7	27.0	3.5	43.2	
[illegible]-08	[illegible]	[illegible].1	14.2	27.4	[illegible].[illegible]	[illegible].[illegible]	
09-11	[illegible].7	23.7	20.6	23.5	4.4	48.7	
12-14	[illegible].[illegible]	[illegible].5	19.[illegible]	31.1	1.4	[illegible].[illegible]	
[illegible]-17	[illegible].	[illegible].6	[illegible].8	[illegible].[illegible]	1.2	[illegible].[illegible]	
[illegible]-20	[illegible].	[illegible].[illegible]	19.3	[illegible].4	1.[illegible]	47.5	
[illegible]-23	[illegible].	[illegible].1	12.[illegible]	[illegible].4	1.5	[illegible].[illegible]	
ALL [illegible]	[illegible].[illegible]	[illegible].	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	

[illegible]

[illegible]-02	[illegible].7	[illegible].[illegible]	10.[illegible]	[illegible].5	3.1	[illegible].[illegible]	
[illegible]-05	[illegible].[illegible]	17.4	11.1	[illegible].7	[illegible].	[illegible].[illegible]	
[illegible]-08	[illegible].[illegible]	[illegible].4	14.3	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	
09-11	[illegible].[illegible]	[illegible].[illegible]	15.7	[illegible].[illegible]	[illegible].7	[illegible].[illegible]	
12-14	[illegible].[illegible]	[illegible].	20.[illegible]	[illegible].7	[illegible].[illegible]	[illegible].[illegible]	
[illegible]-17	[illegible].[illegible]	[illegible].[illegible]	22.1	[illegible].[illegible]	[illegible].1	[illegible].1	
[illegible]-20	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	
[illegible]-23	[illegible].[illegible]	[illegible].[illegible]	12.1	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	
ALL [illegible]	[illegible].[illegible]	[illegible].1	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

[illegible]: TINKER AFB OK
UTC: + 6

PERIOD OF RECORD: MAR 73 - FEB [illegible]
MONTH: JAN HOURS:ALL

AIRWAY CLASSES					
[illegible] OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS	
[illegible].6	29.1	2.4	41.1	1.9	930
[illegible].7	27.0	3.6	43.2	2.2	930
[illegible].2	27.4	[illegible].[illegible]	46.5	2.[illegible]	930
[illegible].5	23.5	4.4	53.7	2.5	930
[illegible].9	31.1	1.9	52.9	2.2	930
[illegible].8	30.3	1.2	53.3	1.4	930
[illegible].3	30.4	1.2	47.5	1.1	930
[illegible].2	29.4	1.5	48.9	1.3	930
[illegible].[illegible]	28.9	[illegible].[illegible]	47.9	1.8	7443

MONTH: FEB HOURS: ALL

[illegible].2	35.5	3.1	[illegible].[illegible]	2.4	849
11.1	35.7	2.8	43.8	3.7	849
[illegible].8	33.2	4.9	52.4	3.4	849
[illegible].7	37.6	4.7	54.0	3.[illegible]	849
[illegible].[illegible]	37.7	2.2	60.3	2.7	849
[illegible].1	37.3	2.1	62.1	1.5	849
[illegible].1	33.0	2.[illegible]	56.9	1.5	846
12.1	33.9	2.2	48.2	1.9	846
[illegible].[illegible]	35.5	3.2	[illegible].3	2.[illegible]	5735

OPERATING LOCATION WAW
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	CEILING < 1/2
00-02	38.3	17.3	17.2	31.7	.6	49.7
03-05	36.4	17.4	14.9	32.7	1.4	49.0
06-08	14.7	24.5	18.3	34.5	8.1	56.6
09-11	15.7	24.9	20.5	36.3	2.3	58.7
12-14	14.7	25.3	20.5	39.6		60.2
15-17	9.6	23.9	23.7	42.4	.7	67.2
18-20	15.1	26.1	19.2	39.2	.5	59.7
21-23	31.1	19.4	17.1	32.5	.4	50.1
ALL HOURS	21.7	22.3	18.9	36.6	1.0	56.6

MAY

00-02	43.5	17.7	15.7	27.4	1.3	43.6
03-05	37.1	19.2	14.3	27.9	1.7	44.3
06-08	15.6	28.5	20.9	34.4	1.3	56.6
09-11	16.2	26.4	23.3	33.7		57.0
12-14	14.3	29.4	25.7	30.3	.1	55.9
15-17	12.7	34.1	26.3	26.7		53.0
18-20	17.5	33.1	23.4	25.3	.4	49.7
21-23	34.7	27.1	16.2	26.1	.9	43.2
ALL HOURS	24.3	25.3	21.4	27.5	.7	49.6

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NAME: TINKER AFB OK
TIME ZONE: + 6

PERIOD OF RECORD: MAR 74 - FEB 80
MONTH: MAR HOURS:ALL

	AIRWAY CLASSES					
	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	17.2	31.7	.6	49.7	.4	930
	14.9	32.7	1.4	49.0	1.3	930
	14.3	34.6	3.1	55.5	2.6	930
	20.5	35.1	2.3	59.7	1.6	930
	23.5	39.6		63.2	1.0	930
	23.7	38.3	.7	63.2	.5	924
	19.2	37.2	.3	57.7	.5	930
	17.1	37.5	.4	55.1	.5	930
	19.9	35.3	1.3	56.7	1.0	7433

MONTH: ALL HOURS: ALL

13.7	27.4	1.3	42.4	1.3	900
14.3	27.9	1.7	44.3	1.7	900
20.0	31.4	1.0	52.4	1.5	900
23.3	32.7		56.0	1.0	900
25.7	30.0	.1	55.8	1.0	900
25.3	26.7		53.0	.3	900
23.4	24.3	.4	47.7	.5	900
19.2	25.1	.3	43.2	1.7	900
20.4	29.5	.7	49.6	1.2	7200

OPERATING LOCATION "A"
USAFTAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723409 STATION NAME: TINKER AFB, OK
LST TO UTC: + 6

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	ST 1/2
00-02	34.2	14.0	17.6	30.1	1.1	47.4
03-05	31.1	22.0	21.3	31.0	1.3	54.2
06-08	11.7	23.6	24.7	40.1	.7	62.5
09-11	11.1	24.5	29.2	34.4		63.7
12-14	7.1	29.4	36.3	32.3		68.1
15-17	7.7	30.5	33.0	29.1	.1	62.3
18-20	21.2	34.1	27.4	25.3	.3	53.1
21-23	29.7	23.2	19.1	25.3	.4	47.6
ALL HOURS	17.1	25.1	25.3	33.2	.7	59.2

00-02	34.1	23.1	17.4	24.2	.5	42.3
03-05	33.7	30.3	21.3	24.4	.1	45.8
06-08	14.1	32.1	30.7	24.1	.7	55.5
09-11	11.1	35.3	31.3	21.4	.1	52.9
12-14	5.1	37.3	37.3	19.9	.3	57.4
15-17	7.3	43.9	34.5	16.8	.2	51.5
18-20	17.2	35.2	32.5	15.0		48.5
21-23	32.1	27.3	20.7	20.2		43.9
ALL HOURS	17.3	32.1	24.3	26.3	.3	49.3

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION: TINKER AFB OK
STC: + 6

PERIOD OF RECORD: MAR 73 - FEB 83
MONTH: MAY HOURS:ALL

AIRWAY CLASSES CLEAR	OVERCAST	TOTAL OBSCURATION	OR 1/2	PARTIAL OBSCURATION	TOTAL OBS
17.6	30.1	1.1	48.8	1.2	930
21.9	31.0	1.3	54.2	1.7	930
16.7	35.1	.9	52.6	1.4	930
13.2	34.4		53.7	.4	930
10.9	32.3		43.1	.2	930
13.9	24.9	.1	37.5	.4	930
17.4	25.3	.3	43.0	.5	930
17.2	28.3	.4	47.3	.6	930
15.3	30.0	.3	45.7	.9	7440

STATE: JUN HOURS: ALL

17.4	24.2	.5	42.2	.4	900
21.3	24.4	.7	45.9	1.3	900
17.7	24.1	.7	55.4	2.3	900
21.3	21.4	.1	52.9	.4	900
17.3	14.9	.2	46.4	.4	900
14.3	16.8	.2	51.5	.3	900
12.9	15.0		48.5	.2	900
15.7	20.2		40.9		900
14.3	20.8	.3	49.3	.7	7200

OPERATING LOCATION "XX"
[illegible], ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723643 STATION NAME: TINKER AFB OK PERI
LST TO UTC: + 6 MONT

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES OVERCAST	TOTAL OBSCURATION	GE 1/2
00-02	31.2	23.4	13.3	12.0		25.4
03-05	41.1	25.3	18.7	11.9		30.5
06-08	27.7	34.1	24.6	13.6		38.2
09-11	27.7	37.1	22.6	13.9		36.5
12-14	13.4	47.4	25.4	13.9		39.1
15-17	11.3	34.9	28.0	25.7		53.8
18-20	17.4	44.2	21.2	16.8	.1	37.1
21-23	24.1	27.7	18.6	29.7		34.3
ALL HOURS	23.7	33.3	21.9	19.2	.7	31.2

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES OVERCAST	TOTAL OBSCURATION	GE 1/2
00-02	34.1	27.3	17.4	18.5		35.9
03-05	31.4	32.3	19.5	14.8	.1	34.1
06-08	14.9	41.3	29.5	13.0	.3	41.7
09-11	14.7	41.4	28.9	11.3		39.7
12-14	7.1	52.2	29.5	11.4		39.9
15-17	7.9	36.7	27.1	28.1	.3	55.5
18-20	12.9	41.7	29.3	16.1		45.4
21-23	27.4	32.6	19.3	12.7		31.5
ALL HOURS	22.5	43.3	24.4	12.5	.1	36.9

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NAME: TINKER AFB OK — PERIOD OF RECORD: [illegible]
TIME ZONE: + 6 — MONTH: JUL HOURS:ALL

AIRWAY CLASSES					
CLEAR	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
13.3	12.0		25.4	.9	930
18.7	11.9		30.6	1.4	930
20.5	13.4		33.8	1.6	930
22.5	13.9		36.3	.9	930
28.4	10.7		39.1	.5	930
25.0	9.7		34.7	.9	930
21.2	9.3	.1	30.1	.9	930
18.6	8.7		27.3	.4	930
21.0	13.1	.1	34.2	.4	7440

MONTH: ALL HOURS: ALL

17.5	15.5		33.1	1.0	930
19.5	14.5	.1	34.1	1.4	930
24.0	13.0	.3	41.3	1.7	930
25.9	11.8		38.7	1.3	930
27.5	11.4		39.9	1.5	930
27.1	10.9	.2	38.0	1.6	930
24.3	10.1		34.4	1.3	930
19.3	12.7		31.5	1.1	930
24.4	12.5	.1	36.9	1.5	7440

OPERATING LOCATION "AA"
ICAO/TAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723400 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES OVERCAST	TOTAL OBSCURATION	ST
00-02	43.0	24.7	14.8	17.6	.4	34.3
03-05	37.2	24.0	17.4	15.2	.2	34.4
06-08	31.0	28.7	23.5	16.2	.1	40.4
09-11	21.2	35.1	22.0	21.6	.1	43.7
12-14	18.0	35.4	25.4	20.9		47.3
15-17	17.0	37.4	25.0	19.4		44.4
18-20	24.4	36.0	24.4	14.2		44.1
21-23	27.8	31.3	14.2	26.4	.1	41.4
ALL HOURS	27.0	30.2	22.2	17.4	.1	44.7

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES OVERCAST	TOTAL OBSCURATION	ST
00-02	41.3	19.4	13.2	26.2	2.0	41.2
03-05	34.0	19.7	13.3	27.4	3.4	41.7
06-08	26.2	25.3	23.1	24.1	3.3	51.4
09-11	14.3	30.4	22.9	30.5	.9	54.3
12-14	12.3	31.4	23.9	24.7	.4	53.0
15-17	12.1	31.1	24.2	27.1	.4	51.7
18-20	15.1	27.5	25.5	24.6	.5	49.7
21-23	17.3	20.3	15.3	25.3	.2	42.4
ALL HOURS	17.5	23.2	19.6	25.9	1.3	47.

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NAME: TINKER AFB OK
T - UTC: + 6

PERIOD OF RECORD: MAR 73 - FEB 83
MONTH: SEP HOURS:ALL

AIRWAY CLASSES					
CLEAR	SCATTERED	TOTAL OBSCURATION	BROKEN	PARTIAL OBSCURATION	TOTAL OBS
16.9	17.6	.4	34.3	1.2	900
13.4	15.2	.5	35.2	2.2	900
20.3	19.2	.1	43.5	2.4	900
22.3	21.6	.1	43.7	.4	900
25.4	26.9		47.3	.4	900
21.0	19.4		40.3	.7	900
24.1	24.2		48.1	.8	900
18.3	20.4	.1	31.8	.2	900
23.3	17.1	.3	41.2	1.0	7200

MONTH: OCT HOURS: ALL

13.2	25.2	2.1	41.2	3.2	930
13.1	21.4	3.4	41.7	4.1	930
28.1	24.1	2.3	53.4	4.2	930
27.0	30.5	.8	58.3	3.2	930
29.2	23.7	.4	53.3	1.1	930
24.2	27.1	.4	51.7	.5	930
20.5	24.6	.5	45.7	.5	930
15.8	25.8	.8	42.4	1.5	930
17.6	25.9	1.3	47.4	2.2	7440

OPERATIONS LOCATION MAP
[illegible]

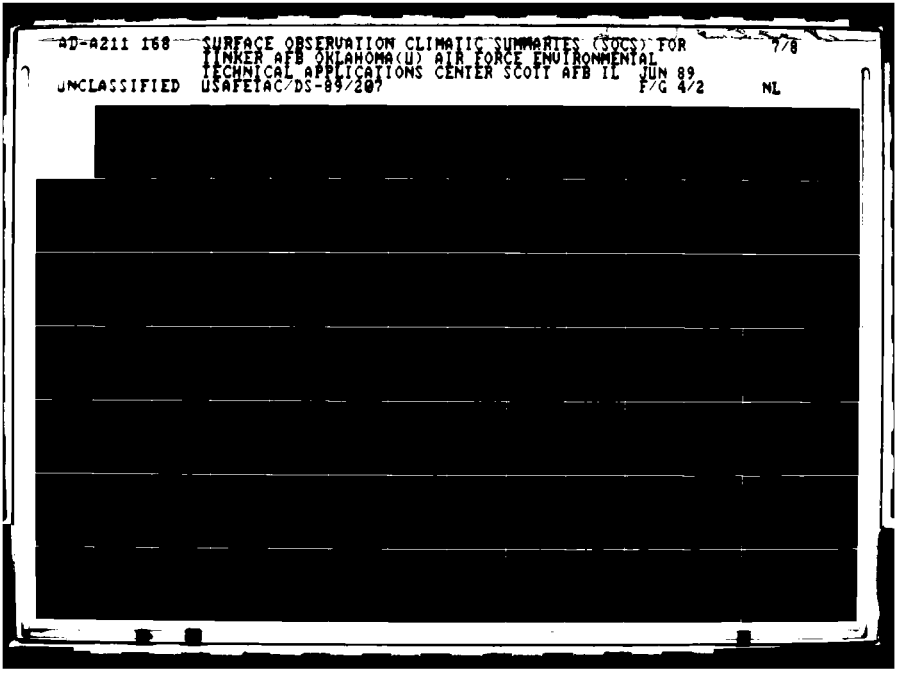
PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY
FOR MONTHLY OBSERVATIONS

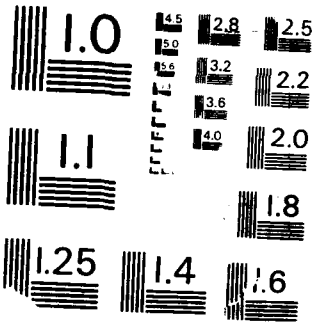
STATION NUMBER : [illegible] STATION NAME: [illegible] [illegible]
GMT TIME DIFF: + [illegible]

WIND (KT)	CLR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSERVATIONS	OF [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]	[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]

AD-A211 168 SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR TINKER AFB OKLAHOMA(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT AFB IL JUN 89 1/8

UNCLASSIFIED USAFETAC/DS-89/207 F/G 4/2 NL




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
5.6

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FOR 24 HOURLY OBSERVATIONS

[illegible] AFB, IA PERIOD OF RECORD: MAR 79 - FEB 87
MONTH: NOV HOURS:ALL

AIRWAY CLASSES AVERAGE	TOTAL OBSCURATION	5/8	PARTIAL OBSCURATION	TOTAL OBS
27.2	2.2	43.0	2.3	900
29.6	2.6	44.3	3.6	900
29.3	2.4	45.2	3.2	900
33.4	2.1	50.2	3.3	900
31.4	1.3	52.4	2.1	900
2 .5	.4	1.	1.	900
35.6	.6	48.7	2.9	900
37.2	1.6	41.7	3.1	900
29.9	1.3	47.3	2.6	7200

MONTH: DEC HOURS: ALL

31.7	2.5	44.5	3.5	930
33.5	2.2	47.5	4.5	930
33.7	2.9	51.5	4.9	930
35.7	2.2	55.4	4.4	930
34.3	1.9	59.3	1.1	930
33.0	1.2	56.7	1.8	930
31.9	2.3	51.4	1.5	930
30.1	2.2	47.7	2.9	930
32.9	2.1	51.5	3.1	7440

[illegible]

[illegible]

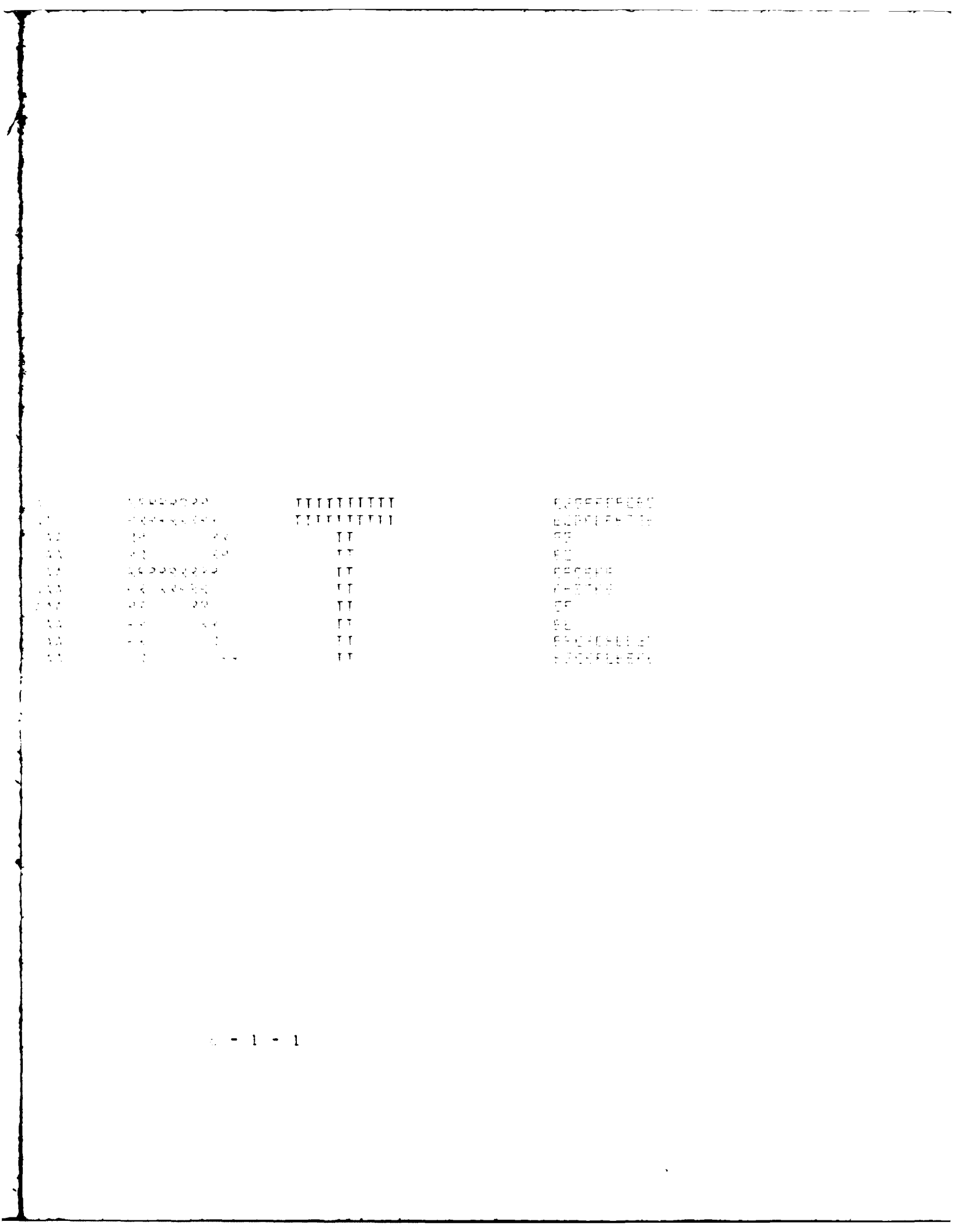
STATION [illegible] : [illegible] STATION NAME: [illegible]
EST TO SEC: [illegible]

[illegible] (EST)	[illegible]	[illegible]	[illegible]	AIRWAY CLASSES [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]

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

[illegible]: TICKLE AFB, SC PERIOD OF RECORD: MAR 79 - FEB 89
TZ: + 5 MONTH: ALL HOURS: ALL

AIRWAY CLASSES					
[illegible]	AVIATION	TOTAL OBSCURATION	SE 1/2	PARTIAL OBSCURATION	TOTAL OBS
14.[illegible]	25.6	1.4	41.2	1.4	10959
14.1	25.6	1.[illegible]	43.3	2.[illegible]	10959
11.7	2[illegible].[illegible]	2.3	[illegible]3.4	2.[illegible]	10959
22.7	23.2	1.4	52.[illegible]	2.3	10959
25.[illegible]	27.2	.[illegible]	53.2	1.2	10959
[illegible].3	24.[illegible]	.[illegible]	51.[illegible]	1.[illegible]	10959
22.5	23.4	.[illegible]	45.7	1.1	10959
19.[illegible]	24.[illegible]	.[illegible]	41.3	1.3	10959
[illegible].[illegible]	25.7	1.1	42.[illegible]	1.7	87655



PART I

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (P.F). THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE ONE FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN YEAR. DATA IS DISPLAYED USING 2-DEGREE FAHRENHEIT INCREMENTS OF 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GT 28" STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIV

NOTE 1. BEGINNING IN JANUARY 1948, DAILY MAXIMUM AND MINIMUM DAST ROUTINELY FROM HOURLY OBSERVATIONS IN ARMS FORMS 10/10 DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER T BASE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.
ALSO FROM SUMMARY OF DAY DATA, THESE TABLES GIVE MONTHLY MAXIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY MEANS ARE ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A MONTH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK WITH 0% OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.
ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURES FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) IS GIVEN MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. A YEAR(S) WITH MORE THAN 90% MISSING AND/OR INCOMPLETE MONTH

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.
THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS

- 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).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS A THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS TH APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH "ENGINEERING WEATHER DATA," AND ANSI 105-76, "METHODOLOGY

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE F, WET BULB TEMPERATURES ARE NOT REPORTED (FM-14). AS A DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMP ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME CASES MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS WARMER BULB TEMPERATURES.

PART

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).
BLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE
MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS
BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE
TA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5,
E).. THERE IS ONE SPECIAL THRESHOLD FOR "GT 32" DEGREES. MEANS,
VIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

BEGINS IN JANUARY 1948, DAILY MAXIMUM AND MINIMUM TEMPERATURES
DIRECTLY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED
ACTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY"
DETAILED INFORMATION ON REPORTING PRACTICES.

PERATURES.
SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMP-
BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN,
TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR
LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S)
MORE MISSING AND/OR INCOMPLETE MONTHS.

TEMPERATURE.
SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH,
MEANS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A
WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES
WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

BULB, AND DEW POINT TEMPERATURES.
ES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

FOUR 6-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

(ALL YEARS AND ALL HOURS COMBINED).

(ALL YEARS AND ALL HOURS COMBINED).

STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.
NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO
SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 64-2P,
"WEATHER DATA," AND ANSP 105-5b, "METEOROLOGICAL TECHNIQUES."

WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS
USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES
BULB TEMPERATURES ARE NOT REPORTED (FMH-13). AS A RESULT, WINTER MEAN
(AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE
THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT,
BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY
PERATURES.

TEMPERATURE CONVERSIONS: F = 1.8C + 32

C = K - 273.) (BEFORE 5 APRIL 77)
C = K - 273.2 (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (PDF).
CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE PDF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

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

OPERATIONAL LOCATION: [illegible]
[illegible], ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE FOR [illegible]
[illegible] MAY [illegible]

STATION NUMBER: 723430 STATION NAME: TINKER AFB [illegible]
LST TO UTC: +06

TIME (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
00	1.4					.4	1.4	1.3
01	1.3				.1	1.3	11.2	11.7
02	2.5			.2	.3	12.1	27.1	35.7
03	3.3		.1	1.3	5.3	24.5	45.7	55.1
04	4.1		.1	1.3	8.4	28.4	50.1	59.3
05	5.1	.1	.7	4.3	11.3	30.3	49.3	61.3
06	7.3	.3	2.4	12.3	16.3	31.1	49.1	61.4
07	7.3	.3	6.3	24.1	27.7	34.3	43.7	52.3
08	4.3	.3	11.7	40.3	33.3	33.4	31.3	33.3
09	2.1	1.3	23.7	54.3	35.7	27.1	19.3	
10	1.3	3.3	34.3	57.3	33.3	19.4		
11	1.3	4.3	39.3	58.	32.	14.3		
12	1.3	4.3	39.4	57.3	28.6	10.3		
13	1.4	5.1	38.3	53.3	25.3			
14	2.3	5.1	34.4	47.3	19.3			
15	3.3	4.3	28.3	37.3				
16	3.3	3.2	21.3	27.3				
17	3.3	2.2	14.3	19.3				
18	3.3	1.3	9.3	13.3				
19	2.3	1.3	6.3	9.3				
20	2.3	.3	4.3	6.3				
21	2.3	.3	3.3	4.3				
22	2.3	.3	2.3	3.3				
23	1.3	.3	1.3	1.3				
24	1.3	.3	1.3	1.3				

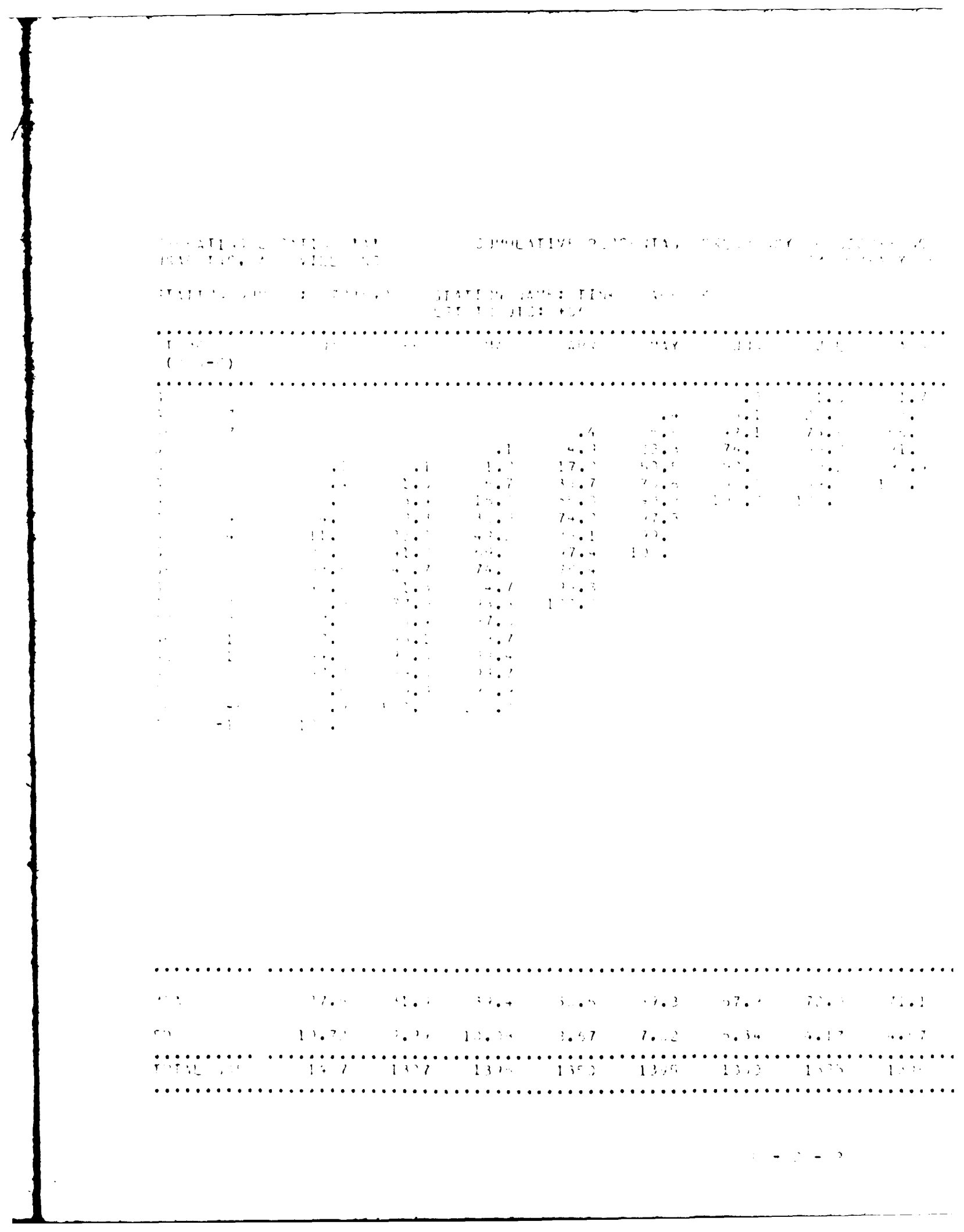
AVG		69.1	71.3	50.1	70.9	74.0	45.7	41.3	31.4
SD		13.44	13.40	12.68	9.54	5.14	5.53	5.58	5.73
TOTAL OBS		1487	1307	1335	1350	1395	1353	1335	1395

PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION: [illegible] PERIOD OF RECORD: 4301-[illegible]
MONTH: ALL HOURS: ALL

	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
		.2	1.5	1.3	.3				.3
	.1	1.3	11.2	11.7	1.9				2.2
	.3	10.1	37.1	35.7	10.3	.4			7.9
	5.5	34.5	65.7	59.1	33.0	2.4			17.0
	23.4	69.5	86.1	85.2	60.1	12.1		.1	27.4
	47.0	86.2	95.3	95.3	79.0	21.3	1.7	.1	37.5
	71.1	95.1	98.9	99.6	94.6	47.4	3.5	.3	46.7
	84.5	98.7	99.9	97.3	92.7	69.0	22.3	3.4	55.1
	93.4	99.5	100.0	100.0	97.3	81.9	37.5	10.4	63.3
	97.9	100.0			98.3	91.4	52.2	23.1	70.7
	99.4				99.1	96.5	69.9	37.3	77.3
	99.9				99.8	99.3	77.5	54.1	84.1
	100.0				100.0	99.8	91.5	69.5	89.0
						100.0	95.1	83.2	93.1
							98.6	92.8	96.2
							99.5	97.2	97.1
							99.9	96.7	97.9
							100.0	97.5	99.2
								99.2	99.6
								99.6	99.9
								99.9	100.0
								100.0	100.0

	79.0	95.6	91.6	91.6	83.7	73.3	59.6	49.8	70.2
	5.14	5.53	5.56	5.72	5.39	9.56	11.31	11.95	18.89
	1395	1350	1395	1395	1350	1425	1380	1425	16656



[illegible] FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
[illegible] SUMMARY OF DAY DATA

[illegible]

PERIOD OF RECORD: 4301-5702
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	.3	1.[illegible]	1.7	.1				.3
.[illegible]	3.1	2[illegible].[illegible]	2[illegible].[illegible]	4.3				3.5
[illegible].[illegible]	12.1	7[illegible].[illegible]	[illegible].	2[illegible].[illegible]	1.5			18.1
[illegible].[illegible]	7[illegible].	[illegible].[illegible]	31.[illegible]	49.8	[illegible].1	.[illegible]	.1	28.[illegible]
[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	72.8	24.1	2.7	.4	38.4
[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	1[illegible].[illegible]	[illegible].[illegible]	44.[illegible]	7.[illegible]	1.[illegible]	46.5
[illegible].[illegible]	1[illegible].[illegible]	1[illegible].		3[illegible].[illegible]	[illegible].[illegible]	1[illegible].[illegible]	[illegible].7	54.[illegible]
[illegible].[illegible]				[illegible].[illegible]	[illegible].7	[illegible].[illegible]	[illegible].[illegible]	61.5
[illegible].				[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	1[illegible].[illegible]	[illegible].[illegible]
[illegible].				1[illegible].[illegible]	[illegible].[illegible]	72.4	[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]	[illegible].[illegible]	92.4
						[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
						[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
						100.0	[illegible].[illegible]	[illegible].[illegible]
							[illegible].[illegible]	[illegible].[illegible]
							1[illegible].[illegible]	[illegible].[illegible]
								100.0
								100.0

[illegible].[illegible]	[illegible].[illegible]	72.[illegible]	71.1	[illegible].7	[illegible].[illegible]	40.3	[illegible].3	50.6
7.[illegible]	[illegible].34	4.17	4.[illegible]7	7.31	[illegible].18	9.34	[illegible].40	17.64
1395	1350	1325	1395	1350	1425	1350	1425	16655

[illegible] - [illegible] - [illegible]

[illegible] CUMULATIVE [illegible]

[illegible]

STATION NUMBER: [illegible] STATION NAME: [illegible]
EST TIME ZONE: +06

YEARS (1961-71)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
[illegible]					.1	.2	.7	.2	
[illegible]				.1	.1	7.3	2.1	21.1	
[illegible]				.4	.4	33.3	7.3	45.7	
[illegible]			.2	3.1	21.3	71.1	23.4	32.	
[illegible]		.1	.3	17.4	7.7	21.	1.	1.	
[illegible]		.1	.1	37.	7.3	27.	2.	4.	
[illegible]	.1	4.	2.	27.	4.	3.	1 .	1 .	
[illegible]	1.	12.7	4.1	7 .	1.	1 .			
[illegible]	1.	2.	1.	1.	1.				
[illegible]	2.	2.	7 .	4.	1 .				
[illegible]	1.	1.	12.7	7 .					
[illegible]	31.1	7.	22.	3.					
[illegible]	7.	23.	4.	3.					
[illegible]	7 .	1.	27.	1 .					
[illegible]	1.	1.	1.						
[illegible]	1.	37.	33.						
[illegible]	1.	1.	1.						
[illegible]	1.	1.	1.						
[illegible]	1.	12.	1 .						
[illegible]	1 .								
[illegible]	47.	41.	49.	57.	58.	77.	32.	41.	7
[illegible]	11.	17.	19.	8.	7.	9.	4.	8.	7.
TOTAL [illegible]	1457	397	1395	1350	1395	1395	1395	1395	1

FIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
DATA SUMMARY OF DAY DATA

PERIOD OF RECORD: 4301-8802
MONTH: ALL HOURS: ALL

	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	.1	.7	5.7	5.3	.6				.0
.1	.4	7.3	38.3	41.1	5.1				6.5
.2	4.1	39.0	78.3	86.7	25.3	1.2			17.4
.3	21.8	71.6	97.6	99.5	49.6	7.9			28.1
.4	43.7	91.1	99.9	99.9	73.2	23.9	1.3		37.8
.5	73.9	97.9	99.	99.9	87.3	46.1	6.4	.7	46.5
.6	94.9	99.3	100.0	100.0	96.8	68.1	14.4	1.8	54.6
.7	99.1	100.0			99.1	85.6	34.3	6.6	62.3
.8	99.8				99.7	94.1	61.4	19.8	70.4
.9	100.0				100.0	98.9	79.7	37.0	78.5
1.0						99.8	95.7	56.6	85.6
1.1						100.0	98.9	75.2	91.5
1.2							99.3	91.3	95.2
1.3							99.8	97.4	98.4
1.4							99.8	99.4	99.5
1.5							100.0	99.3	99.8
1.6								99.1	99.9
1.7								99.6	99.9
1.8								99.9	100.0
1.9								100.0	100.0

.1	69.9	77.4	82.1	81.6	73.1	63.3	50.1	40.7	60.6
.2	7.02	5.55	4.37	5.21	7.67	8.13	9.60	10.02	17.94
.3	1395	1350	1395	1395	1350	1426	1380	1426	16656

OPERATING LOCATION [illegible]
[illegible], [illegible]VILLE [illegible]

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 72[illegible] STATION NAME: TINKER AFB OK
LST TO UTC: +06

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
43	77	77	[illegible]	[illegible]	93	[illegible]	104	[illegible]
44	[illegible]	73	77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
45	71	70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	101
46	[illegible]	72*						
47	[illegible]	73	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
48	[illegible]	71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49	[illegible]	[illegible]	75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
50	[illegible]	73	[illegible]	[illegible]	91	97	[illegible]	[illegible]
51	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
52	77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
53	[illegible]	72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
54	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
55	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
56	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
57	[illegible]	73	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
58	[illegible]	72	[illegible]	[illegible]	97	[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	71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	101	[illegible]
64	71	[illegible]	77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
65	[illegible]	74	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
67	[illegible]	[illegible]	[illegible]	[illegible]	91	[illegible]	[illegible]	[illegible]
68	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
69	[illegible]	74	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
71	[illegible]	[illegible]	[illegible]	[illegible]	97	[illegible]	102	[illegible]
72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
73	[illegible]	[illegible]	[illegible]	[illegible]	94	[illegible]	[illegible]	[illegible]
74	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

CY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 4301-8902
MONTH: ALL HOURS: ALL

	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	93	97	104	104	95	93	77	61	104
	[illegible]	96	100	103	96	85	80	64	103
	93	93	99	101	93	82	83	65	101
					93	86	72	75	90*
	[illegible]	[illegible]	107	102	107	93	71	71	107
	[illegible]	[illegible]	96	104	100	94	75	79	104
	95	99	105	101	96	93	82	65	105
	91	97	92	96	91	91	80	75	97
	93	96	101	107	105	95	77	77	107
	99	99	102	105	99	92	82	70	106
	97	105	103	103	103	96	72	93	105
	[illegible]	97	100	103	102	92	81	74	105
	92	[illegible]	[illegible]	99	95	85	78	[illegible]	94
	95	101	101	107	103	92	74	77	107
	93	94	102	105	97	93	75	63	103
	97	96	99	104	96	95	77	64	104
	91	100	[illegible]	101	[illegible]	94	74	70	101
	[illegible]	[illegible]	[illegible]	97	94	[illegible]	75	[illegible]	96
	92	96	103	97	93	85	74	57	100
	88	93	99	105	99	91	71	59	105
	94	97	101	102	93	95	75	57	102
	92	97	105	107	94	95	79	65	107
	94	94	103	97	102	94	83	71	103
	92	96	104	99	96	83	80	78	104
	91	92	93	99	93	86	76	66	99
	94	93	96	100	93	87	75	65	100
	96	94	101	101	92	87	79	68	101
	97	97	105	105	101	95	76	73	105
	87	96	102	98	93	84	75	66	102
	88	99	100	100	97	95	69	71	100
	94	92	96	97	93	86	77	70	97
	90	94	104	95	90	83	75	65	104
	86	92	96	94	94	89	76	75	96

OPERATING LOCATION XXX
USAFETAC, XXX VILLE, XX

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 72364 STATION NAME: TINKER AFB OK
LST TO UTC: +06

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
73	65	74	86	90	95	96	96	99
74	67	76	89	93	96	97	104	101
75	69	66	82	94	96	98	102	98
76	67	69	86	94	97	98	98	96
77	71	77	79	89	98	101	106	104
78	76	82	89	95	98	96	107	99
79	69	78	87	93	97	99	101	102
80	71	69	84	93	97	98	102	103
81	74	81	83	95	97	99	105	104
82	71	81	84	104	96	101	107	103
83	71	73	79	85	93	96	101	101
84	69	78	86	93	96	98	104	102
85	74	78	84	93	96	98	104	102

HIGHEST	74	82	91	98	104	106	109	107
TOTAL OBS	1457	1307	1395	1350	1395	1350	1395	1395

THE GREATEST VALUE OF 109 OCCURRED ON 07/29/84

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

Y MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

[illegible] AFB OK

PERIOD OF RECORD: 4301-4902
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	[illegible]	[illegible]	[illegible]	91	[illegible]	76	71	[illegible]
[illegible]	[illegible]	104	101	[illegible]	86	74	72	104
[illegible]	[illegible]	100	[illegible]	[illegible]	91	81	76	100
87	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76	[illegible]	98
[illegible]	103	106	104	[illegible]	[illegible]	[illegible]	71	106
[illegible]	[illegible]	107	[illegible]	[illegible]	[illegible]	77	67	107
[illegible]	[illegible]	[illegible]	102	[illegible]	[illegible]	77	74	102
[illegible]	[illegible]	102	103	[illegible]	[illegible]	[illegible]	[illegible]	103
[illegible]	[illegible]	103	106	[illegible]	[illegible]	76	71	106
104	[illegible]	101	100	100	[illegible]	75	[illegible]	104
[illegible]	[illegible]	102	101	[illegible]	[illegible]	[illegible]	56	102
[illegible]	[illegible]	[illegible]	100	[illegible]	[illegible]	[illegible]	[illegible]	100
[illegible]	[illegible]	103	105	[illegible]	[illegible]	[illegible]	74	105
								73*

104	106	107	107	107	93	84	85	109
1395	1350	1395	1395	1380	1426	1330	1426	16656

OCCURRED ON 07/29/36

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

OPERATING LOCATION 'A'
ASHEVILLE, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK
LST TO UTC: +06

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
43	-1	15	[illegible]	41	45	[illegible]	[illegible]	[illegible]
44	[illegible]	15	21	35	37	57	60	[illegible]
45	14	13	24	29	40	55	61	61
46	17	29*						
47	-7	13	15	43	40	52	[illegible]	[illegible]
48	[illegible]	15	-1	35	45	[illegible]	[illegible]	[illegible]
49	[illegible]	15	25	34	52	[illegible]	[illegible]	[illegible]
50		13	15	33	51	52	[illegible]	[illegible]
51	[illegible]	-1	21	34	43	53	[illegible]	[illegible]
52	14	25	21	29	45	[illegible]	[illegible]	[illegible]
53	1	1	[illegible]	31	43	[illegible]	[illegible]	[illegible]
54	[illegible]	23	13	35	39	[illegible]	[illegible]	[illegible]
55	[illegible]	13	13	41	53	[illegible]	[illegible]	[illegible]
56	13	13	[illegible]	37	54	[illegible]	[illegible]	[illegible]
57	13	23	[illegible]	[illegible]	45	[illegible]	[illegible]	[illegible]
58	14	13	[illegible]	37	[illegible]	[illegible]	[illegible]	[illegible]
59	-7	11	[illegible]	32	49	[illegible]	[illegible]	[illegible]
60	13	[illegible]	4	35	37	[illegible]	[illegible]	[illegible]
61	7	13	[illegible]	35	43	[illegible]	[illegible]	[illegible]
62	-1	[illegible]	11	30	47	[illegible]	[illegible]	[illegible]
63	-2	11	[illegible]	43	41	[illegible]	[illegible]	[illegible]
64	[illegible]	17	17	30	50	[illegible]	[illegible]	[illegible]
65	14	7	15	37	50	[illegible]	[illegible]	[illegible]
66	[illegible]	13	23	33	49	[illegible]	71	[illegible]
67	[illegible]	15	[illegible]	33	41	[illegible]	[illegible]	[illegible]
68	[illegible]	16	17	31	[illegible]	[illegible]	[illegible]	[illegible]
69	19	23	13	39	44	[illegible]	[illegible]	[illegible]
70	[illegible]	15	25	26	44	[illegible]	[illegible]	[illegible]
71	[illegible]	3	13	30	41	[illegible]	[illegible]	[illegible]
72	1	[illegible]	20	30	47	[illegible]	[illegible]	[illegible]
73	[illegible]	19	34	30	42	[illegible]	[illegible]	[illegible]
74	[illegible]	23	20	35	50	[illegible]	[illegible]	[illegible]
75	15	16	22	27	50	[illegible]	[illegible]	[illegible]

MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 4301-9902
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	[illegible]	[illegible]	[illegible]	54	35	30	7	-1
57	57	[illegible]	[illegible]	49	40	21	20	3
43	55	61	61	44	34	27	7	7
				42	36	28	10	10*
40	52	[illegible]	70	53	45	26	13	-7
[illegible]	[illegible]	57	[illegible]	49	37	25	20	-1
[illegible]	[illegible]	[illegible]	60	46	32	27	20	3
51	52	[illegible]	55	55	42	15	4	4
48	53	57	64	49	33	13	9	-1
45	57	[illegible]	[illegible]	54	37	22	19	19
42	52	58	63	54	37	29	12	10
59	64	74	67	57	35	26	10	5
53	63	70	65	57	39	17	16	12
54	58	57	58	55	45	19	17	13
45	57	[illegible]	64	54	26	27	15	10
42	52	58	63	49	39	21	8	8
49	59	[illegible]	65	47	35	11	26	-3
47	57	62	64	54	35	22	17	4
43	57	57	59	46	41	28	7	7
47	59	[illegible]	55	47	37	28	9	-1
41	52	[illegible]	55	50	43	27	4	-2
[illegible]	52	51	41	47	36	17	6	5
50	62	55	65	47	39	31	26	7
49	55	71	57	49	35	22	9	3
41	57	57	56	40	35	28	16	6
48	57	[illegible]	57	49	38	28	0	0
44	52	55	57	54	33	19	12	10
44	52	58	52	47	36	18	19	4
41	52	55	60	43	43	28	23	3
47	52	56	53	39	34	25	6	1
42	57	55	53	45	35	32	12	2
50	56	53	60	46	43	25	22	5
50	56	61	56	47	37	18	14	14

OPERATING LOCATION '[illegible]'
USAFETAC, ASHEVILLE, NC

MONTHLY MINIMUM TEMPERATURES IN [illegible]
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723[illegible] STATION NAME: [illegible]
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
76	[illegible]	19	22	3[illegible]	40	54	61	[illegible]
77	7	24	27	3[illegible]	56	[illegible]	[illegible]	[illegible]
78	7	[illegible]	14	39	44	51	[illegible]	53
79	[illegible]	[illegible]	[illegible]	37	46	[illegible]	[illegible]	[illegible]
[illegible]	17	15	13	27	44	[illegible]	57	[illegible]
81	14	[illegible]	35	42	44	57	7[illegible]	[illegible]
82	[illegible]	[illegible]	24	33	44	51	7[illegible]	[illegible]
83	[illegible]	1[illegible]	33	36	4[illegible]	55	[illegible]	71
84	[illegible]	19	[illegible]	35	43	[illegible]	55	[illegible]
85	[illegible]	[illegible]	[illegible]	41	52	[illegible]	57	[illegible]
[illegible]	14	11	27	3[illegible]	4[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	13	27	24	33	[illegible]	5[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	27	3[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]					
LEAST	-7	-1	-1	25	35	51	[illegible]	[illegible]
TOTAL OBS	1477	1337	1395	1392	1395	1350	1395	1395

THE LEAST VALUE OF -7 OCCURRED ON 01/04/47

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

HLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 4301-8302
MONTH: ALL HOURS: ALL

	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	40	54	51	52	44	32	19	10	5
	56	53	57	56	50	40	24	14	7
	44	51	55	59	56	41	29	15	5
7	45	56	58	62	53	40	23	12	3
2	49	53	57	59	50	34	26	13	13
	44	57	70	63	45	35	30	17	5
	44	51	70	67	47	39	22	20	3
	45	55	63	71	41	45	24	1	1
	43	54	55	65	37	40	27	20	2
	52	54	57	61	39	41	21	3	4
	48	53	57	59	53	40	17	25	11
	52	51	53	60	50	37	25	16	13
	50	54	57	55	55	44	29	23	5
									5*
	35	51	53	55	37	25	11	0	-7
	1395	1350	1395	1395	1380	1426	1320	1425	16655

-7 OCCURRED ON 01/04/47

A MONTH WITH LESS THAN 30% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASH VILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FOR PERIOD OF RECORD

STATION NUMBER: 723140 STATION NAME: TIRRELL APT NC
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
43	2	47	43	55	59	72	-	7
44	42	47	47	54	63	77	1	79
45	39	41	55	59	67	77	74	74
46	34	50						
47	-	39	46	52	56	77	-	-
48	43	39	45	57	70	74	4	-
49	-	41	53	54	72	74	-	7
50	2	45	43	59	63	76	76	74
51	34	43	49	54	69	77	3	80
52	41	47	49	54	72	74	3	-
53	49	45	56	57	73	75	-	
54	37	53	44	57	68	-	3	7
55	41	42	51	56	73	74	80	74
56	-	47	48	53	74	-	84	-
57	2	49	49	54	64	76	-	-
58	41	39	42	54	72	7	-	-
59	36	41	51	55	71	77	74	81
60	37	39	47	53	67	77	74	80
61	45	45	52	61	71	77	-	-
62	43	43	47	57	74	74	1	-
63	34	41	54	55	73	73	-	6
64	42	39	45	54	72	7	-	1
65	41	43	41	55	70	77	4	81
66	34	37	54	56	65	75	77	77
67	41	43	55	54	65	75	77	77
68	37	36	51	52	65	75	73	-
69	34	42	43	61	69	75	74	74
70	39	43	45	61	70	75	81	76
71	37	39	49	60	65	1	79	77
72	34	41	54	62	67	77	79	1
73	39	43	53	65	65	75	74	77
74	36	45	57	61	71	74	-	75
75	41	39	47	60	69	75	79	81

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

TINKER AFB OK

PERIOD OF RECORD: 4301-9312
MONTH: ALL HOURS: ALL

APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	65	[illegible]	[illegible]	87	74	62	51	37	62
[illegible]	69	77	81	82	73	65	52	37	61
[illegible]	67	75	79	[illegible]	72	62	53	35	60
					72	65	52	45	64*
[illegible]	65	77	[illegible]	[illegible]	74	70	47	42	61
7	70	74	1	[illegible]	74	64	49	43	61
[illegible]	72	74	[illegible]	79	72	62	55	42	63
[illegible]	69	76	76	74	71	[illegible]	48	39	[illegible]
[illegible]	69	77	[illegible]	[illegible]	74	64	44	42	61
[illegible]	72	[illegible]	[illegible]	6	76	62	[illegible]	41	62
[illegible]	73	[illegible]	[illegible]	[illegible]	77	[illegible]	51	41	63
7	[illegible]	[illegible]	[illegible]	7	71	65	54	44	65
[illegible]	72	74	[illegible]	[illegible]	77	[illegible]	47	40	62
[illegible]	74	[illegible]	[illegible]	86	73	[illegible]	40	44	[illegible]
[illegible]	[illegible]	75	[illegible]	[illegible]	72	[illegible]	[illegible]	47	61
[illegible]	72	73	[illegible]	[illegible]	74	[illegible]	53	36	[illegible]
[illegible]	71	77	[illegible]	81	74	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	77	79	[illegible]	75	[illegible]	[illegible]	37	[illegible]
[illegible]	71	77	[illegible]	[illegible]	71	[illegible]	47	37	[illegible]
7	74	75	1	[illegible]	71	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	70	73	[illegible]	[illegible]	75	71	[illegible]	33	61
[illegible]	70	73	[illegible]	81	73	61	[illegible]	40	61
[illegible]	70	77	[illegible]	81	74	[illegible]	57	43	[illegible]
[illegible]	[illegible]	76	[illegible]	77	[illegible]	[illegible]	54	37	[illegible]
[illegible]	65	75	77	77	[illegible]	61	45	40	[illegible]
[illegible]	[illegible]	75	77	[illegible]	71	[illegible]	47	[illegible]	[illegible]
1	[illegible]	75	[illegible]	[illegible]	74	[illegible]	49	41	[illegible]
1	70	76	[illegible]	[illegible]	75	[illegible]	46	44	[illegible]
[illegible]	65	[illegible]	[illegible]	77	73	[illegible]	50	43	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	81	77	[illegible]	44	[illegible]	[illegible]
[illegible]	[illegible]	75	[illegible]	79	70	[illegible]	[illegible]	40	[illegible]
1	71	74	[illegible]	76	66	[illegible]	51	41	[illegible]
[illegible]	[illegible]	75	[illegible]	81	71	[illegible]	52	43	[illegible]

OPERATING LOCATION [illegible]
[illegible], [illegible]VILLE [illegible]

MONTHLY MEAN TEMPERATURE [illegible]
[illegible] SUMMARY [illegible] DATA

STATION NUMBER: [illegible]   STATION NAME: TINKER [illegible]
LST TO UTC: +05

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
7[illegible]	[illegible]	[illegible]1	[illegible]	[illegible]	[illegible]	7[illegible]	77	[illegible]
72	[illegible]	[illegible]	[illegible]	[illegible]	72	[illegible]	[illegible]	[illegible]
7[illegible]	[illegible]	[illegible]	47	[illegible]	[illegible]	7[illegible]	[illegible]	[illegible]
7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]7	[illegible]	7[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7[illegible]	7[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]1	[illegible]	7[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7[illegible]	7[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]1	[illegible]	71	7[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]						
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.[illegible]	[illegible]	[illegible]
TOTAL OBS	1[illegible]7	1337	13[illegible]	13[illegible]	1395	13[illegible]	[illegible]	13[illegible]

NOTE: [illegible] VALUE IS BASED ON A MONTH WITH LESS THAN [illegible]

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

[illegible] AFB, AK

PERIOD OF RECORD: 4801-4902
MONTHS: ALL HOURS: ALL

[illegible]	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	52	73	77	73	70	56	46	41	59
[illegible]	72	81	[illegible]	81	79	65	52	42	63
[illegible]	55	73	84	80	73	54	52	41	60
[illegible]	48	76	81	81	74	57	48	45	60
[illegible]	63	[illegible]	[illegible]	87	73	53	52	44	63
[illegible]	55	73	[illegible]	79	77	62	53	41	62
[illegible]	62	74	[illegible]	83	74	63	50	44	63
[illegible]	65	78	83	80	75	65	52	37	60
[illegible]	69	73	82	84	73	53	51	45	61
[illegible]	73	74	[illegible]	[illegible]	74	62	47	36	60
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75	[illegible]	46	43	62
[illegible]	72	77	79	79	73	61	51	41	61
[illegible]	71	79	83	84	73	61	54	46	62
									60*

[illegible]	[illegible].4	77.4	[illegible].1	81.5	73.3	58.3	50.1	40.7	60.6
	1395	1350	1395	1395	1340	1425	1340	1425	16656

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

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

[illegible] AFB, [illegible] PERIOD OF RECORD: MAY 71 - FEB 80
MONTH: JAN

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 0	LE 32	GE 55	GE 80	GE 93	HOURS
0	381	0	0	0	930
0	415	0	0	0	930
0	459	0	0	0	930
0	311	0	0	0	930
0	136	25	0	0	930
0	142	49	0	0	930
0	234	4	0	0	930
0	299	0	0	0	930
0	2417	79	0	0	7440

MONTH: FEB

0	229	3	0	0	849
0	272	0	0	0	849
0	299	0	0	0	849
0	210	23	0	0	849
0	144	104	2	0	849
0	126	139	4	0	849
0	171	49	0	0	845
0	299	0	0	0	846
0	1651	327	6	0	6786

OPERATIONAL LOCATIONS MEM
USARIETAC, ASHVILLE, NC

DRY-BULB TEMPERATURE SUMMARY
FOR JULY (ALL YEARS)

STATION NUMBER: 72353 STATION NAME: TINKER AFB, OK PERIOD
LST TO UTC: + 5 MONTH: 7

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN ABSOLUTE DEVIATION FROM HOURLY MEAN 1	2	
00-02	87.9	5.713	930	3	65	
03-05	86.2	5.353	930	3	64	
06-08	86.0	4.357	930	2	53	
09-11	91.2	10.175	930	3	77	
12-14	97.5	11.115	930	3	7	
15-17	97.4	11.331	930	3	7	
18-20	95.7	9.913	930	3	11	
21-23	94.0	8.134	930	2	9	
ALL HOURS	91.9	11.211	7440	3	51	

STAT:

00-02	75.7	5.358	930	3	4	
03-05	75.0	5.353	930	3	4	
06-08	76.3	6.314	930	3	4	
09-11	81.0	8.956	930	3	4	
12-14	87.6	10.636	930	3	4	
15-17	88.7	10.415	930	3	3	
18-20	84.2	9.407	930	3	4	
21-23	81.0	7.435	930	3	4	
ALL HOURS	82.6	10.946	7439	3	5	

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

TINKER AFB OK

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAR

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 0	LE 32	GE 65	GE 80	GE 93	HOURS
0	46	31	0	0	930
0	66	24	0	0	930
0	79	15	0	0	930
0	87	92	0	0	930
0	7	233	12	0	930
0	3	333	14	0	930
0	11	159	0	0	930
0	22	50	0	0	930
0	241	1001	26	0	7440

MONTH: APR

0	0	145	0	0	899
0	3	99	0	0	900
0	3	123	0	0	900
0	0	372	13	0	900
0	0	542	125	3	900
0	0	590	169	5	900
0	0	449	34	0	900
0	0	271	1	0	900
0	6	2592	343	8	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERIOD OF
MONTH: A

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS LE 0	LE 32	
00-02	63.8	6.523	930	0	0	4
03-05	61.7	6.615	930	0	0	3
06-08	63.2	6.699	930	0	0	4
09-11	70.2	7.593	930		0	2
12-14	75.2	6.125	930	0	0	
15-17	75.6	7.006	930	0	0	
18-20	72.2	7.251	930	0	0	2
21-23	67.2	6.479	930	0	0	
ALL HOURS	69.7	8.201	7440	0	0	1

MONTH: J

00-02	71.7	6.411	900	0	0	
03-05	69.8	6.035	900		0	2
06-08	71.3	6.477	900	0	0	
09-11	79.3	6.333	900	0	0	
12-14	83.8	6.756	900	0	0	
15-17	84.5	7.023	900	0	0	
18-20	80.3	6.565	900	0	0	
21-23	74.9	6.469	900	0	0	
ALL HOURS	77.0	8.149	7200	0	0	1

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

[illegible] AFB OK — PERIOD OF RECORD: MAR 79 - FEB 89

MONTH: MAY

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 0	LE 32	GE 55	GE 80	GE 93	HOURS
0	0	449	6	0	930
0	0	334	0	0	930
0	0	413	3	0	930
0	0	714	35	1	930
0	0	835	309	5	930
0	0	846	341	10	930
0	0	794	126	2	930
0	0	626	15	0	930
0	0	6061	835	18	7440

MONTH: JUN

0	0	810	49	0	900
0	0	769	12	0	900
0	0	810	55	0	900
0	0	891	477	14	900
0	0	891	684	74	898
0	0	894	713	100	900
0	0	887	508	21	900
0	0	863	191	2	900
0	0	6805	2639	211	7198

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 MONTH:

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS L[illegible]	L[illegible] 32
00-02	77.1	4.034	930	0	0
03-05	74.5	3.619	930	0	0
06-08	75.2	4.357	930	0	0
09-11	85.2	5.435	930	0	0
12-14	93.5	5.605	930	0	0
15-17	91.7	5.568	930	0	0
18-20	87.7	5.113	930	0	0
21-23	80.7	4.529	930	0	0
ALL HOURS	82.3	8.135	7440	0	0

MONTH:

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS	
00-02	76.3	4.503	930	0	0
03-05	74.5	4.325	930	0	0
06-08	75.2	4.775	930	0	0
09-11	84.2	5.193	930	0	0
12-14	92.3	5.432	930	0	0
15-17	91.3	5.624	930	0	0
18-20	86.1	5.347	930	0	0
21-23	80.3	5.057	930	0	0
ALL HOURS	82.3	8.339	7440	0	0

[illegible] JULY TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

[illegible]

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

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 0	LE 32	GE 65	GE 80	GE 93	HOURS
0	0	928	244	0	930
0	0	924	77	0	930
0	0	926	209	0	930
0	0	930	782	92	930
0	0	930	579	365	930
0	0	930	508	423	930
0	0	930	642	179	930
0	0	930	544	5	930
0	0	7428	4471	1054	7440

MONTH: AUG

0	0	916	277	0	930
0	0	897	81	0	930
0	0	904	130	0	930
0	0	930	733	62	930
0	0	930	462	305	930
0	0	930	874	465	930
0	0	930	785	134	930
0	0	926	576	0	930
0	0	7365	4368	1046	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS LE 0	LE 32
00-02	54.5	7.431	900	1	7
03-05	53.3	7.422	900	1	7
06-08	57.2	7.713	900	1	5
09-11	70.4	9.373	900	0	1
12-14	81.1	9.749	900	0	0
15-17	83.1	9.742	900	0	0
18-20	77.1	8.844	900	0	0
21-23	72.1	7.911	900	0	1
ALL HOURS	74.2	10.[illegible]	7200		

MONTH:

00-02	58.2	8.214	930	0	3
03-05	56.3	8.139	930	1	4
06-08	59.1	8.164	930	0	3
09-11	63.2	8.561	930	0	2
12-14	69.9	9.243	930	0	1
15-17	73.2	9.586	930	0	1
18-20	64.2	8.431	930	0	2
21-23	60.4	8.067	930	0	3
ALL HOURS	62.3	10.035	7440	0	2

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

: TINKER AFB OK
: + 4

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: SEP

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 0	LE 32	GE 65	GE 80	GE 93	HOURS
0	0	700	42	0	900
0	0	631	11	0	900
0	0	610	20	0	900
0	0	791	334	9	900
0	0	843	601	97	900
0	0	861	615	124	900
0	0	829	491	19	900
0	0	751	141	0	900
0	0	6021	2155	250	7200

MONTH: OCT

0	0	213	1	0	930
0	0	156	0	0	930
0	0	151	0	0	930
0	0	434	32	0	930
0	0	667	120	0	930
0	0	673	150	2	930
0	0	465	35	0	930
0	0	295	5	0	930
0	0	3060	343	2	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723-43 STATION NAME: TINKER AFB OK [illegible]
LST TO UTC: + 6 MONT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF DAYS L[illegible]	L 32
00-02	43.4	12.235	930	1	65
03-05	42.3	12.392	930	2	74
06-08	44.5	10.836	930	2	153
09-11	50.3	10.[illegible]	930		91
12-14	54.7	11.993	930	0	16
15-17	54.3	11.981	930	0	19
18-20	51.4	12.243	930		41
21-23	47.3	12.147	930	1	67
ALL HOURS	48.[illegible]	11.[illegible]41	7440	[illegible]	[illegible]

[illegible]

00-02	37.4	11.934	930	3	26
03-05	36.4	11.130	930	4	[illegible]
06-08	39.3	11.137	930	2	82
09-11	47.2	11.634	930	0	232
12-14	55.1	12.767	930	0	127
15-17	56.7	12.822	930	0	127
18-20	51.9	11.184	930	0	164
21-23	44.2	10.764	930	1	277
ALL HOURS	45.5	12.274	7440	0	1719

[illegible]

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

[illegible] AFB, [illegible] PERIOD OF RECORD: MAR 79 - [illegible] 89
MONTH: NOV

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 32	LE 32	GE 68	GE 90	GE 93	HOURS
1	93	47	0	0	900
2	34	45	0	0	900
3	139	43	0	0	900
1	91	105	0	0	900
2	15	252	13	0	900
3	14	262	15	0	900
2	91	101	0	0	900
2	46	93	0	0	900
1	345	913	27	1	7200

MONTH: DEC

3	269	5	0	0	930
3	293	5	0	0	930
3	325	7	0	0	930
6	202	12	0	0	930
3	127	44	0	0	930
3	123	55	0	0	930
3	154	5	0	0	930
3	220	5	0	0	930
0	1719	140	0	0	7440

OPERATING LOCATION A MAP
USAFETAC, ASHEVILLE NC

DAY HOUR TEMPERATURE SUMMARY
FOR JANUARY (ALL YEARS)

STATION NUMBER: 723140 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN MINIMUM	MEAN MAXIMUM
00-01	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
01-02	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
02-03	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
03-04	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
04-05	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
05-06	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
06-07	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
07-08	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
08-09	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
09-10	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
10-11	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
11-12	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
12-13	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
13-14	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
14-15	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
15-16	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
16-17	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
17-18	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
18-19	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
19-20	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
20-21	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
21-22	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
22-23	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
23-24	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	[illegible]	17.[illegible]	[illegible]	[illegible]	[illegible]

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

[illegible] AFB IA PERIOD OF RECORD: MAR 79 - FEB 88
MONTH: ALL

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LT 0	LE 32	GE 55	GE 80	GE 93	HOURS
3	965	4250	519	0	10958
0	1133	3483	151	0	10959
1	1355	4035	493	0	10959
3	741	5234	2455	177	10959
0	421	5352	3503	329	10957
1	427	5573	3736	1131	10959
1	211	5509	2731	365	10956
1	747	4234	1473	7	10956
1	9499	43746	15337	2509	87593

JET FUEL TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

[illegible] AFB, OR PERIOD OF RECORD: MAR 79 - FEB 83
MONTH: JAN

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 32	GT 50	GT 67	GE 73	GE 80	HOURS
532	21	0	0	0	930
571	17	0	0	0	929
[illegible]	10	0	0	0	930
483	32	0	0	0	930
326	77	0	0	0	930
[illegible]	135	0	0	0	930
373	43	0	0	0	930
459	25	0	0	0	930
[illegible]	337	0	0	0	7439

MONTH: FEB

350	63	0	0	0	849
[illegible]	52	0	0	0	849
404	41	0	0	0	849
399	42	0	0	0	849
234	174	0	0	0	849
224	198	0	0	0	849
248	127	0	0	0	846
295	72	0	0	0	846
2441	819	0	0	0	6785

OPERATING LOCATION "A"
USATETAC, ASHEVILLE NC

NET SOLAR TEMPERATION SUMMARY
[illegible] SUPPLY [illegible] VARIATIONS

STATION NUMBER: 723640 STATION NAME: [illegible] AFB, [illegible] [illegible]
LST TO UTC: + 5 [illegible]

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]	[illegible]
00-02	43.4	3.043	230	122	234
03-05	41.3	3.274	483	142	169
06-08	43.5	3.341	333	174	143
09-11	44.1	3.134	447	91	363
12-14	47.3	3.133	337	41	444
15-17	47.1	3.554	333	41	443
18-20	45.4	3.457	337	57	337
21-23	44.3	3.333	333	71	347
ALL HOURS	44.4	3.344	7447	741	3,11

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
00-02	43.5	3.441	343	1	443
03-05	42.7	3.503	337	13	437
06-08	47.4	3.334	443	13	413
09-11	53.1	3.346	393	3	3[illegible]
12-14	55.4	3.499	333	1	537
15-17	56.3	3.331	333	3	333
18-20	53.7	7.323	339	3	525
21-23	51.5	3.236	330	3	513
ALL HOURS	52.1	3.333	7193	33	4343

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

[illegible] AFB, OK PERIOD OF RECORD: MAR 77 - FEB 89
MONTH: MAR

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
122	203	1	0	0	930
142	166	0	0	0	930
174	146	0	0	0	930
81	269	4	0	0	930
42	399	15	0	0	930
35	442	12	0	0	930
57	337	4	0	0	930
68	249	2	0	0	930
741	2211	39	0	0	7440

MONTH: APR

4	449	10	0	0	899
13	402	3	0	0	900
12	418	7	0	0	900
3	565	54	0	0	900
1	675	93	3	0	899
0	698	101	3	0	900
0	626	53	0	0	900
3	515	26	0	0	900
36	4348	352	6	0	7198

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM AUPLY OBSERVATIONS

STATION NUMBER: 723543 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS LE 32	GE 50	
00-02	[illegible]	5.235	930	0	544	
03-05	57.3	5.549	930	0	511	
06-08	59.4	5.492	930	0	534	
09-11	61.3	5.257	930	0	[illegible]	
12-14	63.3	5.221	930	0	813	
15-17	64.3	5.051	930	0	814	
18-20	62.4	5.135	930	0	774	
21-23	61.3	5.305	930	0	699	
ALL HOURS	[illegible]	5.707	7441	0	7021	

MONTH:

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS LE 32	GE 50	
00-02	69.1	4.963	930	0	884	
03-05	67.1	4.933	930	0	845	
06-08	69.4	4.912	930	0	891	
09-11	70.1	4.897	930	0	907	
12-14	71.3	4.915	930	0	916	
15-17	71.3	4.910	900	0	897	
18-20	70.3	4.925	900	0	903	
21-23	67.0	4.737	900	0	850	
ALL HOURS	69.7	5.430	7197	0	7199	

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

AFB OK

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAY

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
0	844	91	9	0	930
0	811	65	1	0	930
0	834	93	5	0	930
0	499	237	25	0	930
0	913	346	56	1	930
0	914	353	56	3	929
0	924	255	36	1	930
0	682	141	13	0	930
0	7001	1583	211	5	7439

MONTH: JUN

0	899	475	55	0	900
0	895	413	25	0	899
0	893	493	59	0	900
0	900	703	316	3	900
0	898	757	452	14	898
0	900	759	450	23	900
0	900	700	318	12	900
0	900	587	142	1	900
0	7190	4893	1837	53	7197

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERIOD OF
MONTH: JU

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WE LT 32	LT 50	LT
00-02	69.0	3.203	930	0	930	
03-05	67.9	3.457	930	0	930	
06-08	69.0	3.423	930	0	930	
09-11	72.7	3.929	930	0	930	
12-14	74.1	2.903	930	0	930	
15-17	74.0	2.774	930	0	930	
18-20	72.6	2.927	930	0	930	
21-23	70.4	3.038	930	0	930	
ALL HOURS	71.2	3.[illegible]	7440	0	7440	

MONTH: S

00-02	68.5	3.316	930	0	930	
03-05	67.6	3.732	930	0	930	
06-08	68.4	3.965	923	0	923	
09-11	72.2	3.765	929	0	929	
12-14	73.9	3.659	930	0	930	
15-17	73.7	3.666	930	0	930	
18-20	72.0	3.691	930	0	930	
21-23	69.9	3.631	930	0	930	
ALL HOURS	70.9	4.445	7437	0	7437	

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

TINKER AFB OK — PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: JUL

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
0	930	727	101	0	930
0	930	523	55	0	930
0	930	717	126	0	930
0	930	892	423	0	930
0	930	917	697	10	930
0	930	917	631	13	930
0	930	905	511	4	930
0	930	827	241	1	930
0	7440	6520	2737	28	7440

MONTH: AUG

0	930	639	107	0	930
0	930	630	41	0	930
0	928	669	106	0	928
0	929	859	492	0	929
0	930	898	665	21	930
0	930	887	644	17	930
0	930	952	447	1	930
0	930	784	224	0	930
0	7437	6253	2726	39	7437

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

NET HOURLY TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 AUG-

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS LT 32	GT 90
00-02	62.6	7.107	930	0	345
03-05	61.3	7.439	900	0	331
06-08	61.4	7.54	930	0	331
09-11	68.9	7.447	930	0	548
12-14	77.3	7.358	930	0	871
15-17	82.4	7.132	930	0	971
18-20	78.7	6.957	930	0	873
21-23	69.5	7.173	930	0	557
ALL HOURS	74.1	7.663	7439	0	4427

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS LT 32	GT 90
00-02	52.3	7.535	930	6	572
03-05	51.5	7.633	930	6	527
06-08	51.3	7.625	930	6	531
09-11	55.4	7.394	930	6	717
12-14	64.3	7.632	930	0	727
15-17	68.4	7.602	930	0	705
18-20	65.7	7.930	929	0	736
21-23	54.3	8.154	930	2	533
ALL HOURS	54.2	8.522	7439	16	5274

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

[illegible] AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: SEP

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LT 32	GE 50	GE 67	GE 73	GE 80	HOURS
0	346	336	8	0	900
0	431	246	6	0	900
0	431	237	10	0	900
0	566	500	167	1	900
0	470	540	276	3	900
0	470	593	256	0	900
0	570	489	120	0	900
0	557	333	24	0	900
0	5540	3473	864	4	7200

MONTH: OCT

6	572	53	0	0	930
4	527	34	0	0	930
6	531	31	0	0	930
0	717	89	5	0	930
0	797	151	14	0	930
0	795	151	18	0	930
0	706	83	8	0	929
2	633	57	2	0	930
18	5278	649	47	0	7439

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERIOD:
MONTH:

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS LE 32	GT 32
00-02	43.0	9.950	930	134	791
03-05	41.7	10.330	930	176	191
06-08	41.2	10.333	930	192	734
09-11	44.9	9.735	930	83	846
12-14	47.7	9.714	930	59	871
15-17	47.7	9.449	930	63	867
18-20	44.9	9.534	930	94	836
21-23	43.3	9.937	930	94	836
ALL HOURS	44.2	10.033	7134	941	6193

MONTH:

00-02	34.3	10.410	930	697	57
03-05	33.2	10.736	930	922	1
06-08	32.9	10.750	930	881	49
09-11	35.1	10.852	930	929	1
12-14	39.4	10.715	930	799	131
15-17	39.7	10.523	930	806	123
18-20	36.9	10.038	930	867	63
21-23	35.2	10.054	930	819	85
ALL HOURS	35.9	10.809	7440	2563	509

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

[illegible] AFB OK — PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: NOV

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 60	GE 67	GE 73	GE 80	TOTAL HOURS
134	221	6	0	0	900
175	191	7	0	0	900
132	194	4	0	0	900
43	265	17	0	0	900
58	345	22	0	0	900
93	313	14	0	0	900
41	245	3	0	0	900
74	225	3	0	0	900
961	2099	80	0	0	7192

MONTH: DEC

367	97	0	0	0	930
422	91	0	0	0	930
461	49	0	0	0	930
325	80	0	0	0	930
220	131	0	0	0	930
206	123	0	0	0	930
257	59	0	0	0	930
310	55	0	0	0	930
2565	605	0	0	0	7438

OPERATIONAL LOCATION "A"
USAMETAC, ASHEVILLE NC

ART HOURLY TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 23043 STATION NAME: [illegible] AFB SC
LST TO UTC: + 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible] L-32	[illegible] 32-[illegible]
00-03	[illegible].0	[illegible].[illegible]	[illegible]	1607	[illegible]
03-06	[illegible].0	[illegible].[illegible]	[illegible]	1712	[illegible]
06-09	[illegible].1	[illegible].[illegible]	[illegible]	[illegible]	[illegible]
09-11	[illegible].[illegible]	[illegible].[illegible]	[illegible]	[illegible]	[illegible]
12-14	[illegible].[illegible]	[illegible].[illegible]	[illegible]	[illegible]	[illegible]
15-17	[illegible].7	[illegible].[illegible]	[illegible]	74	[illegible]
18-20	[illegible].[illegible]	[illegible].[illegible]	[illegible]	[illegible]	[illegible]
21-23	[illegible].[illegible]	[illegible].[illegible]	[illegible]	[illegible]	[illegible]
ALL					
[illegible]	[illegible].1	[illegible].[illegible]	7481	[illegible]	[illegible]

MET RULA TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

: EIELSON AFB AK
: 4 5

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: ALL

	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
	LE 32	GE 50	GE 67	GE 78	GE 80	HOURS
	1537	5015	2369	247	0	10956
	1717	5798	2345	123	1	10956
	1744	5819	2317	81	0	10957
	1253	5533	2358	172	4	10957
	962	7179	3734	2163	49	10955
	744	7299	3737	2114	55	10957
	1013	6037	3256	1447	17	10956
	1245	5294	2713	540	2	10954
	12213	51534	23847	6927	129	76651

[illegible]

[illegible]

STATION LOCATION: [illegible] STATION NAME: [illegible] [illegible]

[illegible]

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	[illegible]	[illegible]
00-03	29.9	11.915	930	[illegible]	111
03-06	28.3	11.324	929	[illegible]	105
06-09	29.9	11.522	931	[illegible]	[illegible]
09-11	30.	11.764	930	[illegible]	117
12-14	29.7	11.644	930	[illegible]	140
15-17	29.3	11.71	930	[illegible]	14
18-20	29.7	11.766	930	[illegible]	138
21-23	29.4	11.218	930	[illegible]	114
ALL HOURS	29.4	11.[illegible]39	7437	[illegible]	[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
00-03	27.4	14.139	930	415	221
03-06	27.1	14.173	930	402	[illegible]
06-09	25.[illegible]	15.[illegible]43	931	441	134
09-11	27.[illegible]	14.934	930	476	237
12-14	29.3	12.963	930	491	218
15-17	29.[illegible]	12.913	930	447	255
18-20	29.3	12.919	930	442	247
21-23	29.4	12.[illegible]73	930	[illegible]	224
ALL HOURS	28.4	13.992	5576	3101	1544

[illegible]

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

[illegible] PERIOD OF RECORD: MAY 79 - FEB 89
MONTH: JAN

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
LE 27	GE 37	LE 55	GE 55	HOURS
529	111	930	0	930
508	105	929	0	929
514	93	930	0	930
535	112	929	0	930
501	148	929	0	930
510	145	928	0	930
503	133	930	0	930
571	115	930	0	930
4471	962	7435	0	7439

MONTH: FEB

416	221	831	0	849
424	209	831	0	849
431	184	834	0	849
375	230	832	0	849
351	263	829	0	849
347	255	831	0	849
362	247	831	0	849
395	228	830	0	849
3101	1844	6649	0	6786

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERIOD
MONTH: 4

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF MISSING OBS	
				LT 27	GT 87
00-02	43.2	11.412	930	215	436
03-05	39.2	11.522	930	242	409
06-08	34.7	11.[illegible]	930	251	394
09-11	34.7	11.719	930	140	417
12-14	37.4	11.398	930	175	413
15-17	37.1	11.762	930	155	407
18-20	39.4	11.623	930	147	423
21-23	39.[illegible]	11.240	930	140	441
ALL HOURS	39.4	11.549	7440	1365	3440

PERIOD
MONTH: 5

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF MISSING OBS	
				LT 27	GT 87
00-02	43.3	11.079	899	40	529
03-05	41.3	11.147	900	44	534
06-08	43.4	11.427	900	34	515
09-11	45.2	11.419	900	33	557
12-14	48.3	11.747	899	42	545
15-17	44.8	11.407	900	46	553
18-20	44.3	11.393	900	45	554
21-23	44.2	11.217	900	41	554
ALL HOURS	44.1	11.501	7198	503	4172

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

TINKER AFB OK — PERIOD OF RECORD: MAR 79 - FEB 89

MONTH: MAR

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
216	405	872	1	930
242	400	875	0	930
250	354	881	0	930
130	467	364	3	930
176	433	653	6	930
153	457	879	5	930
147	429	890	4	930
190	440	847	4	930
1949	3485	7091	24	7440

MONTH: APR

50	629	759	9	899
54	634	754	6	899
54	619	739	12	899
65	667	691	32	899
62	646	700	34	899
66	663	713	37	899
65	654	737	18	899
61	654	726	15	899
503	5172	5810	170	7198

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD OF
LST TO UTC: + 6 MONTH: MA

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OPS	MEAN NUMBER OF HOURS WI		
				LE 27	GE 37	L
00-02	54.7	7.753	930	0	915	4
03-05	54.1	7.852	930	0	909	4
06-08	54.8	7.929	930	0	910	4
09-11	55.2	7.171	930	0	900	4
12-14	56.7	6.459	930	0	917	4
15-17	56.3	6.650	924	0	911	4
18-20	55.9	6.520	930	0	917	4
21-23	55.5	7.350	930	0	902	4
ALL HOURS	55.5	7.216	7439	0	7319	33

MONTH: J

00-02	63.3	5.922	900	0	899	1
03-05	62.4	5.928	899	0	899	1
06-08	63.4	5.749	900	0	900	
09-11	65.3	6.079	900	0	900	
12-14	65.3	6.446	898	0	898	
15-17	65.4	6.338	900	0	900	
18-20	64.0	6.126	900	0	900	
21-23	64.1	5.799	900	0	900	
ALL HOURS	64.3	6.186	7197	0	7197	

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

INGER AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAY

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
LE 27	GE 37	LE 55	GE 65	HOURS
0	915	446	95	930
0	909	489	72	930
0	910	446	98	930
0	909	400	133	930
0	917	391	174	930
0	911	397	151	929
0	917	412	159	930
0	922	414	126	930
0	7310	3394	1028	7439

MONTH: JUN

0	900	111	430	898
0	899	120	383	898
0	900	99	445	898
0	900	77	595	898
0	893	73	613	893
0	900	85	539	898
0	900	87	556	898
0	900	94	494	898
0	7197	751	4109	7197

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 MONTH:

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS LE 27	GE 37
00-02	54.5	4.745	930	0	930
03-05	54.3	4.850	930	0	930
06-08	55.2	4.703	930	0	930
09-11	55.3	4.157	930	0	930
12-14	55.1	4.735	930	0	930
15-17	55.0	4.950	930	0	930
18-20	55.4	4.753	930	0	930
21-23	55.1	4.774	930	0	930
ALL HOURS	55.3	4.844	7440	0	7440

MONTH:

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS LE 27	GE 37
00-02	54.1	5.049	930	0	930
03-05	53.9	4.914	930	0	930
06-08	54.7	4.969	929	0	929
09-11	55.4	4.835	929	0	929
12-14	55.2	5.332	930	0	930
15-17	55.3	5.451	930	0	930
18-20	54.9	5.292	930	0	930
21-23	54.5	4.963	930	0	930
ALL HOURS	55.0	5.196	7437	0	7437

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

TINKER AFB OK — PERIOD OF RECORD: MAR 73 - FEB 89
MONTH: JUL

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
LE 27	GE 37	LE 55	GE 65	HOURS
0	930	61	518	930
0	930	57	477	930
0	930	36	570	930
0	930	13	697	930
0	930	27	557	930
0	930	39	610	930
0	930	36	594	930
0	930	47	567	930
0	7440	318	4635	7440

MONTH: AUG

0	930	56	489	930
0	930	65	492	930
0	929	50	552	930
0	929	36	661	930
0	930	41	644	930
0	930	61	573	930
0	930	53	566	930
0	930	55	542	930
0	7437	427	4519	7437

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD OF
LST TO UTC: + 6 MONTH: S

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS W		
				LE 27	GE 87	LE
00-02	57.0	9.552	900	0	345	
03-05	57.2	9.478	900	0	385	
06-08	56.1	9.909	900	1	345	
09-11	61.0	9.974	900	0	448	
12-14	69.4	9.570	900	4	570	
15-17	64.9	9.515	900	3	510	
18-20	63.6	9.935	900	1	492	
21-23	59.2	9.544	900	0	446	
ALL HOURS	61.7	9.933	7200	9	7353	9

MONTH:

00-02	47.4	11.176	930	30	751	
03-05	45.9	11.044	930	41	727	
06-08	47.3	10.945	930	25	744	
09-11	49.3	10.969	930	23	736	
12-14	47.9	11.500	930	29	757	
15-17	48.4	11.742	930	31	746	
18-20	48.5	11.295	929	28	752	
21-23	48.2	11.075	930	26	772	
ALL HOURS	48.3	11.264	7439	213	6071	5

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

INKER AFB OK PERIOD OF RECORD: MAR 79 - FEB 89

MONTH: SEP

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
LE 27	GE 37	LE 55	GE 55	HOURS
0	386	304	257	900
0	385	327	251	900
1	395	306	257	900
0	385	247	343	900
4	380	251	319	900
3	380	261	242	900
1	382	273	273	900
0	386	292	264	900
9	7033	2266	2246	7200

MONTH: OCT

30	751	674	50	930
31	737	697	42	930
25	746	691	41	930
23	739	612	67	930
23	767	588	63	930
31	748	609	65	930
23	762	627	50	930
25	772	648	51	930
218	6071	5145	429	7439

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS LT 27	LT 37
00-02	37.3	11.960	900	172	419
03-05	37.0	12.037	900	204	434
06-08	36.7	12.167	900	211	451
09-11	38.5	11.958	900	144	474
12-14	40.5	12.132	900	133	412
15-17	37.7	11.926	900	176	457
18-20	37.4	11.837	900	173	443
21-23	37.1	11.677	900	170	421
ALL HOURS	37.7	11.941	7198	1463	3491

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS LT 27	LT 37
00-02	24.3	12.661	930	439	1[illegible]
03-05	27.7	12.914	930	442	131
06-08	27.8	13.026	930	440	1[illegible]
09-11	29.8	13.169	930	379	241
12-14	30.1	12.857	930	345	274
15-17	29.9	12.657	930	354	265
18-20	29.8	12.136	930	364	224
21-23	28.3	12.200	930	390	192
ALL HOURS	28.9	12.760	7438	3143	1770

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

[illegible] AFB OK — PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: NOV

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
LE 27	GE 37	LE 55	GE 55	HOURS
192	415	811	11	900
206	404	821	12	900
211	406	819	16	900
144	476	807	23	900
153	471	801	16	899
126	450	824	5	899
175	443	827	4	900
1[illegible]0	41[illegible]	821	[illegible]	900
1465	3496	5531	98	7198

UNITS: DEG C

409	193	902	0	930
442	191	902	0	930
455	193	904	0	930
379	241	904	3	930
345	276	897	2	930
354	265	897	0	930
364	224	904	0	930
330	192	901	0	930
3148	1770	7213	5	7434

OPERATING LOCATION: MAW
ASHEVILLE, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM MISPLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS OF 27	OF 37
00-02	44.7	17.830	10933	1534	7232
03-05	44.5	17.865	10955	1555	7232
06-08	44.3	17.811	10957	1552	7155
09-11	47.2	17.813	10957	1711	7542
12-14	47.7	17.931	10958	1532	7560
15-17	47.1	17.767	10957	1713	7534
18-20	46.7	17.711	10955	1741	7441
21-23	46.3	17.841	10954	1718	7317
ALL HRS	46.4	17.813	43951	1677	7371

...POINT TEMPERATURE SUMMARY
...ROM HOURLY OBSERVATIONS

...X

PERIOD OF RECORD: MAR 73 - FEB 89
MONTH: ALL

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
LE 27	GE 37	LE 55	GE 65	HOURS
1584	7292	6757	1560	10958
2006	7292	6367	1740	10955
2592	7156	6735	1941	10957
1711	7532	6402	2557	10957
1532	7556	6325	2532	10955
1713	7534	6523	2350	10957
1744	7481	6614	2229	10955
1913	7374	6645	2074	10956
14795	53221	52340	17323	87951

...- 5 - 3 - 7

OPERATING LOCATION: MSN
DANE CTAC, 550 MILL RD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FOR MONTHLY AVERAGES

STATION NAME: TIMES ARE IN
LST IN UTC: + 6

HOURS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO								
00-03	1[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
03-06	1[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
06-09	1[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-12	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-18	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-21	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-24	1[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]

00-03	1[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
03-06	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
06-09	1[illegible]	1[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
09-12	1[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12-15	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15-18	1[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18-21	1[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21-24	1[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

[illegible]: TINKER AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
[illegible]: + 6 MONTH: JAN

HUMIDITY GREATER THAN OR EQUAL TO							
[illegible]	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
[illegible]	81.9	62.7	41.3	16.7	3.2	64.5	930
[illegible]	85.0	64.3	46.9	23.7	5.3	67.0	929
[illegible]	87.6	73.5	44.3	27.2	6.5	68.5	930
[illegible]	79.2	56.9	34.0	13.4	5.7	62.9	930
[illegible]	49.1	31.6	22.2	9.6	2.9	51.3	930
[illegible]	41.7	27.2	14.9	7.3	1.4	47.9	930
[illegible]	55.1	33.7	24.3	10.3	2.3	55.4	930
[illegible]	74.2	52.4	32.3	14.5	2.7	60.9	930
[illegible]	69.4	51.9	32.4	14.3	5.7	60.9	7439

MONTH: FEB

[illegible]	84.1	64.4	42.5	22.6	5.3	65.2	849
[illegible]	83.9	68.1	47.7	23.2	5.6	68.0	849
[illegible]	91.9	72.2	49.9	24.5	6.7	68.9	849
[illegible]	73.5	56.7	37.6	21.5	5.2	62.6	849
[illegible]	53.5	34.4	24.0	13.4	3.2	53.9	849
[illegible]	47.3	33.2	20.5	9.9	2.4	50.7	849
[illegible]	60.5	42.3	25.4	13.7	3.1	56.5	846
[illegible]	74.5	55.9	34.0	17.7	3.8	62.3	846
[illegible]	71.9	53.9	32.1	15.3	4.7	62.3	6785

OPERATING LOCATION "WAM"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723644

STATION NAME: TIMMS AFB SC

PERIOD OF
HOURS: ALL

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	94.6	83.2	61.7	40.9	22.4	6.1
03-05	100.0	100.0	100.0	96.1	88.9	69.6	46.8	27.2	6.
06-08	100.0	100.0	99.4	91.6	80.2	71.5	53.4	29.7	7.7
09-11	100.0	99.7	97.1	84.9	67.0	47.9	32.2	14.3	4.1
12-14	100.0	97.4	94.1	84.2	65.1	41.7	19.6	11.1	2.4
15-17	100.0	97.4	87.7	75.3	57.5	35.2	16.7	5.9	1.1
18-20	100.0	98.1	93.9	71.9	59.6	39.1	21.7	11.9	3.1
21-23	100.0	99.	99.1	91.9	73.9	54.7	31.1	17.4	4.1
ALL HOURS	100.0	99.1	96.3	82.1	67.0	49.1	32.2	16.2	4.1

MONTH: MAY

00-02	100.0	100.0	99.5	90.3	81.2	59.4	34.1	24.1	.7
03-05	100.0	99.1	98.7	87.7	68.7	54.1	40.1	27.1	4.4
06-08	100.0	100.0	99.4	87.3	66.6	75.2	53.1	29.2	10.4
09-11	100.0	99.1	95.1	82.1	61.6	42.5	27.3	14.5	4.7
12-14	100.0	97.2	94.2	80.7	42.7	27.6	14.7	7.7	1.4
15-17	100.0	99.4	75.1	63.3	37.2	23.3	12.7	7.1	2.1
18-20	100.0	99.4	94.0	67.3	47.2	33.0	19.4	11.2	3.4
21-23	100.0	99.7	97.4	87.6	69.9	49.1	31.7	14.2	4.
ALL HOURS	100.0	99.0	92.2	80.2	64.6	45.9	30.6	17.9	5.4

TIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

TINKER AFB OK — PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAR

ITY GREATER THAN OR EQUAL TO						
10%	50%	70%	90%	99%	MEAN	TOTAL OBS
93.2	51.7	40.9	22.4	4.0	65.2	930
98.9	59.5	46.5	27.2	6.9	68.2	930
99.2	71.5	53.4	29.7	7.0	69.2	930
97.0	44.3	32.3	15.3	4.5	59.7	930
95.1	31.7	15.9	11.0	2.4	50.1	930
94.5	25.2	15.2	7.5	1.9	46.9	930
99.0	34.4	21.2	11.5	3.3	52.5	930
98.9	49.7	31.3	15.3	5.1	63.2	930
97.0	49.1	32.2	19.2	4.1	59.2	7443

MONTH: APR

91.2	69.4	38.5	24.0	4.7	64.9	899
98.7	68.5	47.1	29.1	9.4	69.7	900
99.5	79.2	59.1	39.2	10.4	69.0	900
91.6	42.5	29.3	14.3	4.6	57.4	900
42.7	27.6	14.7	7.8	2.3	44.2	899
97.2	23.0	12.7	7.1	2.1	45.3	900
47.2	33.0	19.4	10.2	2.6	51.0	900
99.7	49.1	31.7	19.2	4.9	60.1	900
94.6	45.9	30.6	17.9	5.4	60.1	7198

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD OF
LST TO UTC: + 6 MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%
00-02	100.0	100.0	99.9	99.4	95.6	84.3	62.0	31.9	12.6
03-05	100.0	100.0	99.9	99.7	98.0	90.4	73.3	44.1	17.5
06-08	100.0	100.0	100.0	99.1	96.1	88.5	70.2	39.7	14.4
09-11	100.0	100.0	98.6	93.8	79.2	57.6	35.6	15.2	4.7
12-14	100.0	97.0	85.8	71.6	60.1	39.6	18.5	6.3	2.4
15-17	100.0	98.4	93.6	78.7	54.8	33.0	15.5	6.7	2.3
18-20	100.0	99.6	97.3	93.3	70.5	49.4	23.6	11.0	3.2
21-23	100.0	100.0	99.7	97.4	89.4	71.6	46.4	22.3	6.2
ALL HOURS	100.0	99.8	97.1	92.2	80.6	64.4	43.9	22.6	7.6

MONTH: J

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	99.4	89.3	67.3	34.2	12.1
03-05	100.0	100.0	100.0	100.0	99.4	94.7	75.3	47.1	15.9
06-08	100.0	100.0	100.0	100.0	99.4	92.1	73.4	37.2	14.9
09-11	100.0	100.0	100.0	97.2	86.1	64.0	38.0	13.6	2.5
12-14	100.0	100.0	99.1	91.6	68.5	36.7	14.3	4.1	2.0
15-17	100.0	100.0	99.1	86.2	61.4	33.3	13.1	4.2	2.0
18-20	100.0	100.0	100.0	96.4	79.9	51.9	25.7	9.5	2.3
21-23	100.0	100.0	100.0	99.9	97.1	80.2	51.4	23.4	5.1
ALL HOURS	100.0	100.0	99.8	96.7	86.3	67.1	43.9	20.9	7.4

ULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

: TINKER AFB OK PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAY

MIDITY GREATER THAN OR EQUAL TO 50%	60%	70%	80%	90%	MEAN	TOTAL OBS
95.6	84.3	62.0	31.9	12.6	73.3	930
98.0	90.4	73.3	44.1	17.5	76.6	930
96.1	82.5	70.2	39.7	14.4	75.1	930
79.2	57.8	35.6	15.2	4.7	63.0	930
60.1	39.8	18.5	8.3	2.4	55.2	930
54.6	33.0	15.5	6.7	2.3	52.7	929
70.5	49.4	28.6	11.9	3.2	59.2	930
89.4	71.6	46.4	22.3	6.2	68.9	930
80.5	64.4	43.9	22.5	9.0	66.0	7439

MONTH: JUN

98.4	89.3	67.3	34.2	12.1	74.3	900
99.4	94.7	75.3	47.1	15.9	79.0	899
97.4	92.1	70.4	38.2	14.9	76.0	900
86.1	64.0	30.0	10.6	2.6	63.6	900
68.5	36.7	14.5	4.1	2.0	56.1	898
61.4	29.0	13.1	4.2	2.0	54.3	900
79.9	51.9	25.7	8.6	2.3	61.1	900
97.1	90.2	51.4	20.4	6.1	70.3	900
86.3	67.1	43.9	20.9	7.4	70.3	7197

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENC
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 MONTH: J

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	98.3	90.1	72.9	42.4	11.5	2.
03-05	100.0	100.0	100.0	99.0	96.0	83.4	59.6	22.9	4.
06-0	100.0	100.0	100.0	99.2	94.5	80.4	52.7	1 .9	4.
09-11	100.0	100.0	98.5	90.0	67.5	35.1	14.	2.0	.
12-14	100.0	99.5	92.4	69.6	40.6	17.3	5.2	1.9	.
15-17	100.0	96.7	87.0	61.7	34.3	12.7	4.0	.	.
18-20	100.0	99.2	95.5	80.5	54.0	25.9	7.6	1.6	.
21-23	100.	100.0	99.5	94.3	80.1	54.	22.2	4.7	1.
ALL HOURS	100.0	99.7	96.9	85.7	69.7	49.2	24.0	.2	1.

JANUARY

00-02	100.0	100.0	99.7	93.7	82.9	72.9	35.	10.	1.
03-05	100.0	100.0	100.0	99.8	96.7	85.4	66.0	1 .1	1.
06-0	100.	100.0	100.0	99.6	97.3	87.1	64.	22.3	5.
09-11	100.0	100.0	96.7	83.4	74.0	. .1	18.	3.1	.
12-14	100.0	99.5	94.0	72.2	36.2	11.0	3.4	1.	
15-17	100.0	98.4	90.3	62.6	27.6	10.6	5.	.0	
18-20	100.0	99.3	97.5	80.8	52.5	23.3	8.1	1.9	
21-23	100.0	100.0	99.9	95.6	82.2	49.7	15.6	5.	.
ALL HOURS	100.0	99.9	97.5	87.9	69.9	47.3	24.8	7.	.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

NAME: TINKER AFB OK
TC: + 6

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

HUMIDITY GREATER THAN OR EQUAL TO							
10%	20%	30%	40%	50%	60%	MEAN	TOTAL OBS
95.3	90.1	72.9	42.4	11.5	2.3	65.4	930
97.9	96.0	83.4	59.6	22.9	4.3	71.3	930
99.2	94.5	90.4	62.7	18.9	4.5	69.9	930
98.9	87.5	68.1	34.2	8.9	.5	65.9	930
93.5	70.6	47.3	17.2	3.9	.2	57.3	930
91.7	64.3	42.7	14.0	2.8	.1	54.5	930
96.5	84.0	65.9	27.3	7.6	.2	61.0	930
94.3	89.1	64.8	32.2	9.7	1.1	60.4	935
95.7	89.7	69.2	36.0	9.2	1.7	63.4	7440

MONTH: AUG

97.7	92.9	72.9	35.3	10.6	1.2	65.8	930
99.3	95.7	85.4	56.9	18.1	1.5	70.4	930
99.5	97.3	87.1	64.9	29.3	2.8	70.7	923
96.4	74.0	47.1	18.6	3.1	.4	56.5	923
93.2	66.2	41.9	9.4	1.9		45.8	930
82.5	27.6	10.6	5.5	.9		44.2	930
96.4	52.5	23.3	9.1	1.9		51.0	930
96.6	82.2	49.7	15.6	5.6	.5	59.9	930
97.9	69.9	47.3	24.8	7.4	.3	59.9	7437

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72354) STATION NAME: TINKER AFB OK PERIOD:
LST TO UTC: + 6 MONTH:

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO								
	[illegible]%	[illegible]%	30%	40%	50%	60%	70%	80%	[illegible]%
00-02	100.0	100.0	100.0	99.3	92.3	73.0	46.2	19.1	3.5
03-05	100.0	100.0	100.0	100.0	97.0	84.7	60.1	38.7	9.5
06-08	100.0	100.0	100.0	100.0	98.2	86.7	68.3	33.2	4.4
09-11	100.0	100.0	99.8	94.2	73.3	47.6	27.4	10.7	1.9
12-14	100.0	99.4	96.2	66.1	43.3	25.1	13.3	4.4	1.0
15-17	100.0	99.4	99.4	62.0	37.0	22.3	10.5	4.3	.4
18-20	100.0	99.8	98.4	82.6	59.9	37.2	14.0	7.4	1.4
21-23	100.0	100.0	100.0	97.0	81.1	57.2	32.6	13.4	3.7
ALL HOURS	100.0	99.9	99.0	87.9	72.7	54.2	34.1	15.7	4.4

[illegible]

00-02	100.0	100.0	99.4	95.3	84.1	63.4	50.3	35.0	14.7
03-05	100.0	100.0	99.7	99.0	96.7	74.3	72.3	41.7	21.1
06-08	100.0	100.0	99.3	98.4	89.8	77.2	57.8	42.8	27.4
09-11	100.0	100.0	97.0	84.9	70.0	55.1	39.9	25.1	12.3
12-14	100.0	99.4	87.1	63.5	51.4	35.3	21.9	13.5	5.1
15-17	100.0	97.5	83.0	62.5	47.7	31.7	20.4	13.7	5.3
18-20	100.0	99.0	94.5	82.6	65.1	50.3	32.5	14.5	3.8
21-23	100.0	100.0	99.3	91.7	79.5	62.0	45.0	24.7	13.0
ALL HOURS	100.0	99.5	95.0	85.3	72.1	55.9	41.0	27.4	13.8

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION: TINKER AFB OK
HR: + 5

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: SEP

HUMIDITY GREATER THAN OR EQUAL TO							
40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
[illegible]	92.3	73.0	46.2	19.1	3.5	67.5	900
[illegible]	97.0	84.7	60.1	30.7	5.6	72.3	900
[illegible]	98.2	86.7	63.3	33.2	6.4	73.5	900
[illegible]	73.3	47.5	27.3	10.2	1.9	60.0	900
[illegible]	43.3	25.1	13.3	4.4	1.5	49.6	900
[illegible]	37.0	22.3	10.5	4.3	.9	47.1	900
[illegible]	55.9	37.2	19.0	7.3	1.5	55.0	900
[illegible]	61.1	57.2	32.[illegible]	13.4	2.7	63.1	900
7.7	72.7	54.2	34.1	15.2	3.3	63.1	7200

MONTH: OCT

[illegible]	84.1	63.4	50.3	36.0	15.7	69.6	930
[illegible]	88.7	74.0	57.0	41.7	20.0	72.4	930
[illegible]	89.8	77.2	60.3	42.3	20.3	73.5	930
[illegible]	70.0	56.1	39.5	25.1	12.2	62.9	930
[illegible]	51.6	35.3	21.9	13.5	5.5	52.7	930
[illegible]	47.7	31.7	20.4	12.7	5.6	50.7	930
[illegible]	65.1	50.3	32.5	18.6	8.9	59.8	929
41.7	79.5	62.0	45.9	28.7	13.0	66.5	930
[illegible]	72.1	56.9	41.0	27.3	12.9	66.5	7434

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENC
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK PERIOD
LST TO UTC: + 6 MONTH:

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	97.9	90.1	73.2	52.0	33.7	13.1
03-05	100.0	100.0	100.0	98.1	94.1	80.6	60.3	39.4	12.
06-08	100.0	100.0	100.0	97.9	96.8	86.2	67.9	48.1	15.
09-11	100.0	100.0	99.3	92.4	77.4	61.9	43.4	27.9	7.
12-14	100.0	99.8	89.5	71.9	54.3	38.8	25.6	13.7	5.
15-17	100.0	99.5	87.4	66.3	49.7	34.7	22.2	12.2	4.
18-20	100.0	99.9	93.0	87.9	68.3	50.6	32.2	17.3	6.
21-23	100.0	100.0	99.3	96.2	82.7	61.9	44.2	29.6	9.
ALL HOURS	100.0	99.7	95.7	87.0	76.7	61.1	42.9	25.4	9.

MONTH:

00-02	100.0	100.0	100.0	96.2	86.6	70.8	51.4	27.9	11.
03-05	100.0	100.0	99.7	96.9	89.7	74.1	54.5	33.8	11.
06-08	100.0	100.0	99.9	99.4	90.3	77.1	57.2	38.5	11.
09-11	100.0	100.0	99.4	94.6	80.1	62.6	42.7	24.7	10.
12-14	100.0	99.4	95.2	74.9	54.9	37.5	26.3	17.9	5.
15-17	100.0	99.9	91.1	70.9	51.1	33.8	25.1	16.8	5.
18-20	100.0	99.9	93.1	89.8	71.6	51.5	33.3	19.5	7.
21-23	100.0	100.0	99.4	94.5	83.4	63.8	44.4	24.1	9.
ALL HOURS	100.0	99.8	97.1	90.6	75.9	58.0	41.9	24.1	9.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

NAME: TINKER AFB OK
UTC: + 6

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: NOV

REL HUMIDITY GREATER THAN OR EQUAL TO							
40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
97.9	90.1	73.2	52.0	33.7	10.1	70.4	900
99.1	94.1	80.6	60.3	39.6	12.9	73.2	900
99.9	96.8	86.2	67.9	40.1	15.3	74.7	900
92.4	77.4	61.4	43.4	27.9	8.9	65.7	900
71.9	54.3	39.3	25.6	13.7	5.5	54.6	899
56.3	43.7	34.7	22.2	12.2	4.6	52.0	899
87.9	68.8	50.6	32.2	15.2	6.7	60.1	900
86.2	62.7	51.2	44.2	25.6	8.4	65.3	900
88.9	76.7	61.1	42.2	26.4	9.0	66.3	7198

MONTH: DEC

96.2	86.6	70.8	51.6	27.8	10.4	69.8	930
96.9	89.7	74.1	54.5	30.2	11.3	70.3	929
99.4	90.3	77.1	57.2	30.2	11.6	71.4	930
94.6	80.1	62.6	42.7	26.7	10.5	66.3	929
74.9	54.9	37.6	26.3	17.2	5.9	55.6	930
71.2	51.1	33.8	25.1	16.8	5.3	53.9	930
93.3	71.6	51.5	33.3	19.5	7.4	61.9	930
94.5	83.4	63.8	44.4	24.1	8.3	66.5	930
87.6	75.9	58.3	41.9	24.1	8.8	66.5	7443

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURR
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723643 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

PERIOD:
MONTH:

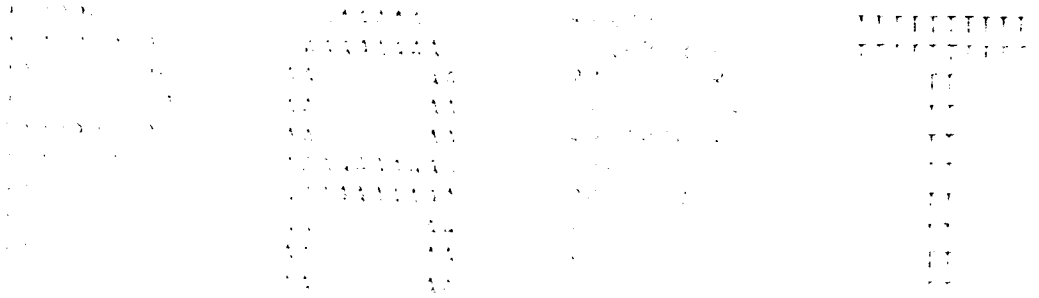
HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	9
00-02	100.0	100.0	99.7	97.1	86.4	71.2	47.6	24.3	7
03-05	100.0	100.0	99.3	98.5	92.6	77.7	57.3	31.5	9
06-08	100.0	100.0	99.3	96.9	93.4	80.3	57.6	31.3	1
09-11	100.0	99.7	98.2	93.7	73.9	52.4	32.1	15.4	5
12-14	100.0	99.1	91.8	72.0	50.0	31.0	17.3	5.5	1
15-17	100.0	99.5	96.1	85.6	64.1	35.2	15.1	7.7	3
18-20	100.0	99.7	97.4	90.3	71.5	48.7	23.1	11.1	3
21-23	100.0	100.0	99.2	96.4	80.4	59.0	36.3	17.9	5
ALL HOURS	100.0	99.9	98.3	87.3	73.0	54.9	35.7	16.5	5

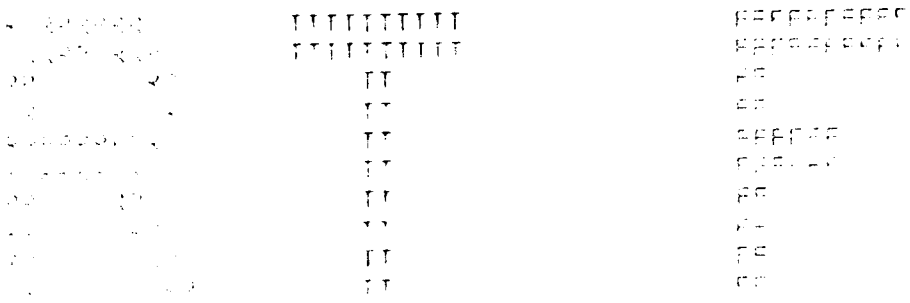
CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION: TINKER AFB OK
TZ: + 5

PERIOD OF RECORD: MAR 79 - FEB 83
MONTH: ALL

LST HUMIDITY GREATER THAN OR EQUAL TO							
4 %	80%	50%	70%	90%	99%	MEAN	TOTAL OBS
97.1	84.4	71.2	47.6	24.3	7.3	63.2	10958
96.5	92.6	79.7	57.3	31.5	9.8	71.4	10956
95.9	93.4	80.3	57.6	31.3	10.3	71.7	10957
93.7	73.9	52.4	32.1	15.4	5.2	51.4	10957
92.0	69.0	51.0	17.3	4.6	2.8	51.3	10955
89.5	64.1	26.2	15.1	7.7	2.4	49.2	10957
92.3	81.5	60.7	23.1	11.1	3.8	56.3	10953
96.4	80.4	59.0	45.3	17.5	5.1	63.7	10956
97.3	73.0	54.7	35.2	14.5	4.2	61.7	87651





PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS (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, AND COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR MANY RECENT

ALTIMETER SETTING.
IN INCHES OF MERCURY (IN), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.
IN INCHES OF MERCURY (IN), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = .02953 INCHES OF MERCURY

PART F

PRESSURE SUMMARIES

DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

...F 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH
...ARS COMBINED).

...M (ALL YEARS AND ALL HOURS COMBINED).

... (ALL YEARS AND ALL HOURS COMBINED).

...SED.
...S, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION
...S SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

...TINGS.
...E MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND
...VATION COUNTS.

...
...F MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND
...VATION COUNTS.

...SIONS ARE: 1 MILLIBAR = ...0 INCHES OF MERCURY (HG).

OPERATING LOCATION: NAW
USAFETAC, ASHEVILLE, NC

SEA LEVEL PRESSURE IN MILLIBARS
FIVE YEAR OBSERVATIONS

STATION NUMBER: 723434 STATION NAME: TINKER AFB, OK [illegible]
LST TIME/UTC: + 6

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	[illegible]
[illegible]	[illegible]	1021.6	1019.6	1014.3	1013.6	1012.6	1013.3	1014.5	1014.7
	[illegible]	7.35	6.302	6.263	6.975	6.403	4.243	3.979	3.237
	TOT [illegible]	93	253	319	299	317	309	313	317
[illegible]	[illegible]	1021.1	1019.1	1014.4	1013.1	1012.2	1013.0	1014.3	1014.6
	[illegible]	6.75	6.377	6.217	7.013	6.441	4.305	3.113	3.234
	TOT [illegible]	93	253	309	299	313	309	313	317
[illegible]	[illegible]	1021.2	1019.4	1015.2	1013.4	1012.9	1013.6	1014.1	1014.1
	[illegible]	6.113	6.356	6.343	7.170	6.453	4.349	3.163	3.324
	TOT [illegible]	91	253	313	299	317	309	313	317
[illegible]	[illegible]	1021.6	1020.0	1016.2	1014.1	1013.3	1014.0	1014.8	1014.9
	[illegible]	6.253	6.282	6.491	7.311	6.563	4.374	3.239	3.344
	TOT [illegible]	91	253	313	299	317	309	313	317
[illegible]	[illegible]	1021.2	1020.0	1016.2	1014.4	1013.4	1014.2	1014.8	1014.9
	[illegible]	6.337	6.253	6.437	7.291	6.493	4.291	3.221	3.344
	TOT [illegible]	91	253	313	299	317	309	313	317
[illegible]	[illegible]	1021.2	1019.4	1015.3	1013.6	1012.6	1011.9	1012.3	1012.7
	[illegible]	6.231	6.253	6.359	7.291	6.383	4.231	3.031	3.177
	TOT [illegible]	91	253	313	299	317	309	313	317
[illegible]	[illegible]	1021.6	1021.6	1018.6	1016.2	1014.1	1013.3	1013.3	1013.7
	[illegible]	6.231	6.443	6.193	6.935	6.261	4.063	2.973	3.211
	TOT [illegible]	91	253	313	299	317	309	313	317
[illegible]	[illegible]	1021.3	1019.6	1014.6	1013.6	1012.3	1013.7	1013.7	1014.1
	[illegible]	7.033	6.358	6.241	6.945	6.253	4.133	3.023	3.224
	TOT [illegible]	91	253	313	299	317	309	313	317
[illegible]	[illegible]	1021.3	1019.6	1014.5	1013.5	1012.5	1013.3	1014.0	1014.3
[illegible]	[illegible]	.193	6.327	6.371	7.123	6.476	4.338	3.121	3.413
	TOT [illegible]	2477	2529	2475	2599	2477	2397	2479	2477

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

[illegible] AFB, MI PERIOD OF RECORD: MAR 79 - FEB 89

APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1013.6	1012.6	1013.3	1014.5	1014.7	1015.7	1017.2	1017.7	1021.0	1016.3
4.379	5.436	4.243	3.079	3.207	4.345	5.087	7.670	8.427	7.173
300	310	300	310	310	300	310	300	310	3651
1013.1	1012.2	1012.9	1014.3	1014.4	1015.5	1017.1	1017.4	1020.3	1016.0
4.083	5.481	4.305	3.112	3.229	4.364	5.222	7.936	8.534	7.256
300	310	300	310	310	300	310	300	309	3650
1013.3	1012.4	1013.1	1014.1	1014.1	1014.3	1017.7	1017.3	1020.8	1016.6
4.139	5.550	4.349	3.103	3.324	4.310	6.259	7.953	8.557	7.201
300	310	300	310	310	300	310	297	310	3650
1013.4	1013.3	1014.0	1015.0	1015.0	1017.4	1015.2	1016.3	1022.0	1017.5
4.311	5.552	4.376	3.054	3.336	4.352	6.336	8.106	8.720	7.311
300	310	300	310	310	300	310	298	310	3651
1013.4	1013.4	1014.2	1015.5	1015.8	1015.2	1014.1	1015.3	1021.6	1017.2
4.291	5.442	4.281	3.021	3.304	4.348	6.297	8.160	8.765	7.327
300	310	300	310	310	300	310	299	310	3652
1012.4	1011.9	1012.3	1014.0	1013.7	1014.8	1015.2	1016.4	1019.6	1015.3
4.241	5.355	4.201	3.031	3.305	4.776	6.113	8.150	8.661	7.139
299	310	299	309	310	300	310	300	310	3650
1012.2	1011.1	1011.6	1013.3	1012.9	1014.5	1015.3	1016.9	1020.3	1015.1
4.235	5.251	4.349	2.979	4.317	4.773	6.093	7.937	8.366	7.204
300	310	299	309	310	300	310	300	309	3649
1013.5	1012.2	1012.7	1013.9	1014.1	1015.7	1017.3	1017.7	1021.2	1016.1
4.145	5.259	4.159	3.023	3.274	4.748	6.970	7.909	8.220	7.164
299	310	300	310	310	300	310	300	310	3651
1013.5	1012.5	1013.3	1014.5	1014.5	1015.8	1017.3	1017.6	1020.9	1016.3
4.173	5.476	4.333	3.191	3.415	4.903	6.215	8.032	8.572	7.266
2349	2478	2398	2478	2460	2400	2480	2396	2478	29204

OPERATING LOCATION: MAW
USAFETAC, ASHEVILLE, NC

ALTIMETER SETTING IN INCHES
FOR HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: [illegible] AFB, NC [illegible]
LST TO UTC: + 5

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
0000	MEAN	30.14	30.09	29.97	29.95	29.93	29.96	30.01	30.01
	SD	.224	.247	.235	.199	.155	.122	.093	.091
	TOT OBS	310	283	310	300	310	300	310	31
0300	MEAN	30.14	30.08	29.96	29.93	29.92	29.95	30.00	30.0
	SD	.224	.252	.234	.204	.159	.126	.092	.0
	TOT OBS	310	283	310	300	310	300	310	31
0600	MEAN	30.13	30.09	29.97	29.96	29.94	29.97	30.02	30.
	SD	.224	.256	.237	.205	.159	.126	.092	.0
	TOT OBS	310	283	310	300	310	300	310	31
0900	MEAN	30.13	30.10	30.01	29.98	29.96	30.00	30.05	30.
	SD	.224	.250	.242	.209	.163	.127	.093	.0
	TOT OBS	310	283	310	300	310	300	310	31
1200	MEAN	30.13	30.10	30.00	29.97	29.95	29.99	30.04	30.
	SD	.224	.246	.244	.209	.163	.124	.093	.0
	TOT OBS	310	283	310	300	310	300	310	31
1500	MEAN	30.13	30.09	29.94	29.92	29.91	29.95	30.01	29.
	SD	.221	.239	.234	.203	.165	.121	.093	.0
	TOT OBS	310	283	310	300	310	300	310	31
1800	MEAN	30.11	30.06	29.93	29.91	29.89	29.93	29.99	29.
	SD	.220	.234	.233	.196	.161	.119	.093	.0
	TOT OBS	310	283	310	300	310	300	310	31
2100	MEAN	30.13	30.09	29.96	29.94	29.92	29.96	30.01	29.
	SD	.220	.237	.234	.197	.149	.119	.087	.0
	TOT OBS	310	282	310	299	310	300	310	31
ALL HOURS	MEAN	30.14	30.09	29.97	29.94	29.93	29.96	30.01	30.01
	SD	.222	.245	.238	.204	.157	.125	.092	.087
	TOT OBS	2479	2261	2480	2399	2480	2399	2479	248

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

[illegible] AFB, OK PERIOD OF RECORD: MAR 79 - FEB 89

APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
[illegible]	29.93	29.96	30.01	30.01	30.03	30.06	30.05	30.14	30.03
.199	.156	.122	.089	.091	.135	.172	.222	.235	.197
300	310	300	310	310	300	310	300	310	3653
[illegible].93	29.92	29.95	30.00	30.00	30.03	30.05	30.06	30.13	30.02
.202	.156	.126	.089	.092	.136	.176	.223	.238	.200
300	310	299	310	310	300	309	300	310	3651
[illegible].96	29.94	29.99	30.02	30.02	30.05	30.07	30.06	30.13	30.03
.206	.159	.125	.092	.095	.134	.174	.225	.242	.199
300	310	300	310	310	300	309	300	310	3652
[illegible].96	29.96	30.00	30.05	30.05	30.08	30.10	30.09	30.16	30.06
.209	.160	.127	.089	.095	.135	.179	.229	.244	.202
300	310	300	310	310	300	310	299	310	3652
[illegible].97	29.95	29.99	30.04	30.03	30.06	30.08	30.07	30.15	30.05
.208	.158	.124	.088	.094	.135	.179	.231	.246	.202
300	310	300	310	310	300	310	300	310	3653
[illegible].92	29.91	29.95	29.99	29.98	30.01	30.03	30.02	30.10	30.00
.203	.153	.121	.088	.094	.133	.174	.230	.243	.197
300	310	300	310	310	299	310	300	310	3652
[illegible].91	29.89	29.92	29.96	29.96	29.99	30.03	30.03	30.11	29.99
.195	.151	.119	.086	.094	.133	.170	.224	.234	.197
300	310	300	310	310	300	310	300	310	3651
[illegible].96	29.92	29.95	29.99	29.99	30.03	30.06	30.05	30.14	30.02
.197	.149	.119	.087	.093	.134	.169	.224	.229	.196
299	310	300	310	310	300	310	300	310	3649
[illegible].94	29.93	29.96	30.01	30.01	30.03	30.06	30.05	30.13	30.03
.204	.157	.125	.092	.097	.137	.175	.227	.240	.200
2399	2480	2399	2480	2480	2399	2478	2399	2480	29213

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE, NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

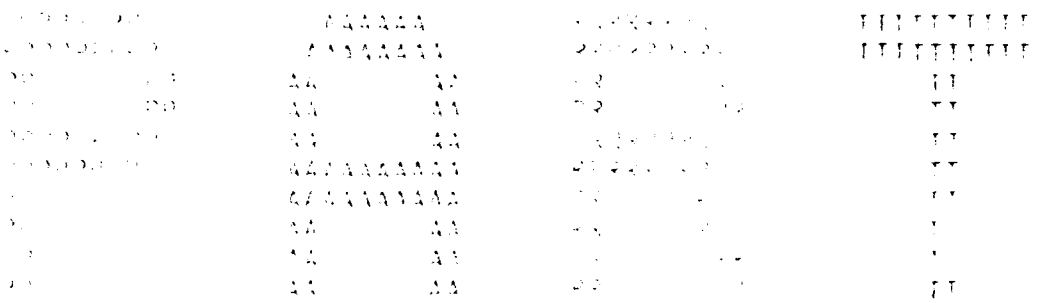
STATION NUMBER: 723540 STATION NAME: TINKER AFB OK PERIOD OF
LST TO UTC: + 6

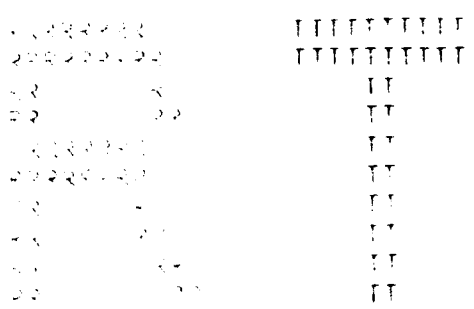
HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
0000	MEAN	23.75	23.71	23.59	23.57	23.55	23.59	23.63	23.63
	SD	.214	.233	.226	.192	.159	.114	.095	.097
	TOT OBS	310	283	310	300	310	300	310	310
0300	MEAN	23.75	23.73	23.59	23.59	23.56	23.60	23.62	23.63
	SD	.217	.243	.226	.195	.162	.115	.098	.101
	TOT OBS	310	283	310	300	310	299	310	310
0600	MEAN	23.75	23.71	23.60	23.58	23.55	23.60	23.65	23.64
	SD	.222	.241	.227	.199	.163	.12	.099	.101
	TOT OBS	310	283	310	300	310	300	310	310
0900	MEAN	23.7	23.74	23.63	23.61	23.64	23.62	23.67	23.67
	SD	.234	.240	.233	.201	.164	.123	.099	.101
	TOT OBS	310	283	310	300	310	300	310	310
1200	MEAN	23.71	23.74	23.62	23.60	23.61	23.61	23.6	23.63
	SD	.228	.237	.234	.201	.168	.119	.099	.101
	TOT OBS	310	283	310	300	310	300	310	310
1500	MEAN	23.72	23.68	23.57	23.56	23.56	23.57	23.62	23.61
	SD	.226	.236	.229	.195	.163	.117	.096	.097
	TOT OBS	310	283	310	300	310	300	310	310
1800	MEAN	23.73	23.69	23.56	23.53	23.51	23.54	23.59	23.59
	SD	.217	.229	.224	.188	.148	.113	.093	.095
	TOT OBS	310	283	310	300	310	300	310	310
2100	MEAN	23.75	23.71	23.59	23.57	23.54	23.57	23.61	23.63
	SD	.217	.227	.225	.190	.164	.114	.095	.098
	TOT OBS	310	283	310	299	310	300	310	310
ALL HOURS	MEAN	23.74	23.71	23.59	23.57	23.55	23.59	23.63	23.63
	SD	.221	.235	.230	.196	.161	.121	.097	.099
	TOT OBS	2477	2261	2480	2399	2480	2399	2480	2480

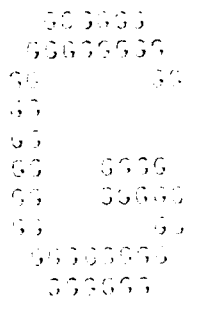
STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

: TINKER AFB OK PERIOD OF RECORD: MAR 79 - FEB 89

APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
28.57	28.55	28.59	28.63	28.63	28.65	28.69	28.68	28.75	28.65
.192	.150	.114	.096	.087	.130	.165	.213	.227	.190
300	310	300	310	310	300	310	300	310	3653
28.59	28.58	28.61	28.62	28.63	28.66	28.65	28.67	28.76	28.64
.196	.152	.121	.096	.088	.131	.170	.215	.229	.193
300	310	299	310	310	300	309	300	310	3651
28.58	28.59	28.63	28.66	28.64	28.67	28.69	28.67	28.75	28.66
.194	.153	.120	.096	.091	.124	.171	.217	.233	.191
300	310	300	310	310	300	309	300	310	3652
28.61	28.59	28.62	28.67	28.67	28.70	28.72	28.71	28.78	28.69
.201	.154	.122	.096	.092	.131	.173	.221	.236	.194
300	310	300	310	310	300	310	299	310	3652
28.60	28.58	28.61	28.65	28.65	28.68	28.71	28.69	28.77	28.68
.201	.152	.119	.094	.090	.130	.172	.222	.237	.195
300	310	300	310	310	300	310	300	310	3653
28.58	28.56	28.57	28.62	28.61	28.63	28.65	28.64	28.72	28.62
.198	.148	.117	.094	.090	.128	.168	.222	.234	.190
300	310	300	310	310	299	310	300	310	3652
28.53	28.51	28.54	28.59	28.63	28.62	28.65	28.68	28.73	28.62
.195	.145	.118	.092	.090	.128	.164	.218	.225	.190
300	310	300	310	310	300	310	300	310	3651
28.57	28.54	28.57	28.61	28.62	28.65	28.68	28.67	28.75	28.64
.196	.144	.114	.093	.089	.129	.168	.216	.221	.189
299	310	300	310	310	300	310	300	310	3649
28.57	28.55	28.59	28.63	28.63	28.66	28.68	28.67	28.75	28.65
.196	.151	.121	.096	.093	.132	.170	.219	.231	.193
2399	2483	2399	2483	2483	2399	2474	2399	2483	29213







PART 5

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.
THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL
(SEE REMARKS). THE TABLES ARE SUMMARIZED AS FOLL

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

THE TABLES GIVE PERCENT OCCURRENCE FOR EACH
COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN
TABLE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE
HOURLY WIND OBSERVATIONS AND SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE
AND DIRECTION FROM ALL OBSERVATIONS INCLUDING
AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A SPECIAL CASE OF
EXCEEDS THE SPECIFIED THRESHOLD OR SPEED VALUE (0).

A TOTAL OBSERVATION COUNT IS INCLUDED.

PART 3

CROSSWIND SUMMARY

[illegible].
ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING
AMOS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

(1) 8-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

(ALL YEARS AND ALL HOURS COMBINED).

(ALL YEARS AND THE HOURS 0001-2000 LST COMBINED).

(ALL YEARS AND ALL HOURS COMBINED).

(ALL YEARS AND THE HOURS 0001-2000 LST COMBINED).

[illegible] PERCENT FREQUENCY (PDF) OF THE CROSS-SUMMARY WIND
AND WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS.
[illegible] CATEGORIES:

[illegible] IS COMPUTED FROM THE OBSERVED WIND DIRECTION AND WIND SPEED
[illegible] HOURLY-SPECIAL OBSERVATIONS.

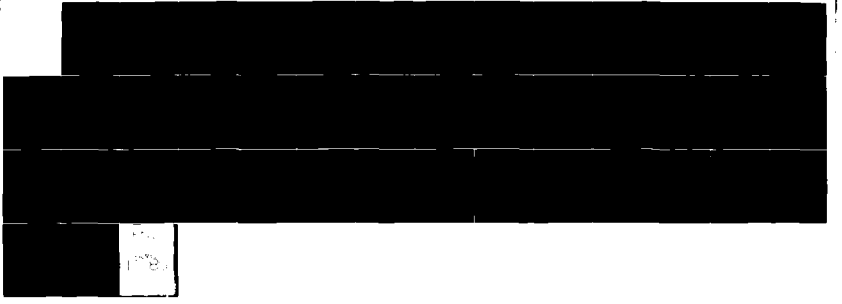
[illegible] IS COMPUTED FROM THE HIGHEST REPORTED WIND
ITEM FROM ALL 3HS VARIOUS INCLUDING REMARKS, GUSTS,
[illegible] VARIOUS.

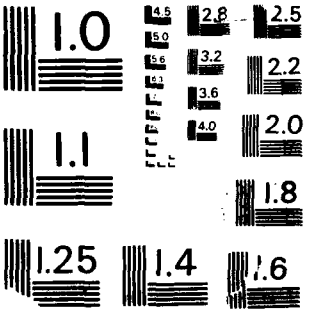
[illegible] INCLUDE CALM WINDS.

[illegible] CONSIDER THE EFFECT EXISTING IN THE SPEED EQUALS OR
[illegible] REPORTED WIND SPEED VALUE(S).

[illegible] COUNT IS INCLUDED.

AD-A211 168 SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR 1/1
TINKER AFB OKLAHOMA(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT AFB IL JUN 89
UNCLASSIFIED USAFETAC/DS-89/207 F/G 4/2 NL




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
5.6
6.3

OPERATIONS LOCATION MAP
ASHEVILLE, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
AND VISIBILITY CATEGORIES

STATION NUMBER: 723544 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

CATEGORY A: ANY CEILING OR VISIBILITY (ALL DAY)

CATEGORY B: HIGHEST AIDS ASSOCIATED APPROACH MINIMA IN

TIME (LST) 0001 - 0259 0300 - 0559

SPEED (KTS)					SPEED (KTS)				
CATEGORY A				.2	CATEGORY A				.1
CATEGORY B	.1			.4	CATEGORY B				.1

TIME (LST) 0600 - 0859 0900 - 1159

SPEED (KTS)					SPEED (KTS)				
CATEGORY A	.2			1.1	CATEGORY A				.1
CATEGORY B	.2	.4		2.1	CATEGORY B	.2			.1

TIME (LST) 1200 - 1459 1500 - 1759

SPEED (KTS)					SPEED (KTS)				
CATEGORY A	.2			1.1	CATEGORY A				.1
CATEGORY B	.2	.4		2.1	CATEGORY B	.2			.1

TIME (LST) 1800 - 2059

SPEED (KTS)					
CATEGORY A	.2			1.1	
CATEGORY B	1.1	.2		4.1	1

...TAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADINGS: 173-353

TINKER AFB OK

PERIOD OF RECORD: MAR 73 - FEB 89
MONTH: JAN

.....

: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

.....

0300 - 0559				0600 - 0859				0900 - 1159			
GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
.1			931	.2			930	.3			930
.3			959	.2			1011	1.6	.1		1004

.....

1500 - 1759				1800 - 2059				2100 - 2300			
GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
1.2			930	.1			930	.2			930
2.4	.3		977	.3			979	.4			932

.....

.....

0600 - 2059				ALL HOURS			
GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
.7			4650	.5			7440
1.4	.2		4950	1.3	.1		7906

OPERATING LOCATION "A"
USAFETAC, ASH VILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE BY CROSS H
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723543 STATION NAME: TINKER AFB OK
EST TO UTC: + 6

CATEGORY A: ANY CEILING OR VISIBILITY (MODIFY
CATEGORY B: HIGHEST WINDS REPORTED WITHIN

TIME (EST) 0000 - 0200 0300 - 0500

SPEED (KTS) 0-16 17-25 26-36 >36 0-15 16-25 26-35 >35

CATEGORY A .6 .2

CATEGORY B .4 2.2 1.3 2.4 1.1 .

TIME (EST) 1200 - 1400 1500 - 1700

SPEED (KTS) 0-15 16-25 26-35 >35 0-15 16-25 26-35 >35

CATEGORY A 1.7 .4 .7 1.2 .2

CATEGORY B .7 .4 .3 2.5 .7 1.7 .5

TIME (EST) 2300 - 0100

SPEED KTS 0-15 16-25 26-35 >35

CATEGORY A 1.0 .0 .0 .2

CATEGORY B 1.0 .3 .3 1.

UENCY OF OCCURRENCE OF CROSSWINDS
- HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 173-353

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: FEB

WIND OR VISIBILITY (HOURLY OBS ONLY)

WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

0300 - 0500				0600 - 0800				0900 - 1100			
GE25	GE35	OBS		GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
				.4	.1		843	1.4			849
				1.1	.1		878	2.4	.4		883

1400 - 1700				1800 - 2000				2100 - 2300			
GE25	GE35	OBS		GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
		841		.2			846	.1			846
.4		847		.4			915	.4			915

- 2300			ALL HOURS		
GE35	OBS		GE15	GE25	GE35	OBS
	4242		.6	.0		6786
	4752		1.5	.2		7533

OPERATING LOCATION: NAW
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING,
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72356
STATION NAME: TINKER AFB OK
LST TO UTC: + 6

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN TH

TIME (LST)	0000 - 0200				0300 - 0500				
SPEED (KTS)	1-15	16-25	26-35	36+	1-15	16-25	26-35	36+	
CATEGORY A	1.7			4.1	1.4			3.3	1.1
CATEGORY B	.7	.5	.1	.04	.5	.7		.04	.7

TIME (LST)	1200 - 1400				1500 - 1700				
SPEED (KTS)	1-15	16-25	26-35	36+	1-15	16-25	26-35	36+	
CATEGORY A	2.4			7.3	2.1			5.3	1.1
CATEGORY B	1.3	.5		3.2	7.5	.7		2.4	3.4

TIME (LST)	1800 - 2000				
SPEED KTS	1-15	16-25	26-35	36+	
CATEGORY A	2.1			4.5	1.
CATEGORY B	5.7	.5		4.5	3.

[illegible]ENCY OF OCCURRENCE OF CROSSWINDS
[illegible] HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 173-353

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAR

[illegible] OR VISIBILITY (HOURLY OBS ONLY)
[illegible] WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

0300 - 0500			0600 - 0800				0900 - 1100			
GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
		930	1.1			930	2.2			930
.[illegible]		[illegible]	3.7			976	5.4	.2		940

1500 - 1700			1800 - 2000				2100 - 2300			
GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
		930	1.1			930	.8			930
.[illegible]		974	3.4	.2		964	3.5	.3		973

- 2300		ALL HOURS			
GE25	OBS	GE15	GE25	GE35	OBS
	4650	1.8			7440
	4[illegible]	6.0	.6	.0	7757

OPERATING LOCATION: "AW
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE IN CONJUNCT
FROM ASSIMILATED OBSERVATIONS

STATION NUMBER: 72364 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

CATEGORY A: ANY CEILING OR VISIBILITY (MOD LY

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE

TIME (LST)	0000 - 0200				0300 - 0500				
SPEED (KTS)									
CATEGORY A	.1				.2				.7
CATEGORY B	.1				2.2				.7

TIME (LST)	1200 - 1400				1500 - 1700				
SPEED (KTS)									
CATEGORY A	1.7	.4			2.2	.4			.4
CATEGORY B	.7	.7	.4		4.4	.7	.4		1.1

TIME (LST)	2100 - 2300				
SPEED KTS					
CATEGORY A	1.3	.2			.1
CATEGORY B	3.2	.4	.2		.4

AGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 173-353

...K AFB, TX

PERIOD OF RECORD: MAR 73 - FEB 89
MONTH: APR

CAT CEILING & VISIBILITY (HOURLY OBS ONLY)

HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

0300 - 0500				0600 - 0800				0900 - 1100			
GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
.2			900	.7			900	1.1			900
.2			942	2.3			941	3.5	.1		933

1200 - 1700				1800 - 2000				2100 - 2300			
GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
2.2	.4		900	.4			900	.3	.1		900
4.3	.7	.4	934	1.4	.3		920	1.5	.3	.1	926

2300 - 0200			ALL HOURS			
GE25	GE35	OBS	GE15	GE25	GE35	OBS
.2		4500	.9	.1		7200
.4	.2	4679	3.2	.3	.1	7479

OPERATING LOCATION: MAW
USATTAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
AND VISIBILITY CONDITIONS

STATION NUMBER: 72364 STATION NAME: TINKER AFB, OK
EST TO UTC: + 6

CATEGORY A: ANY CEILING AND VISIBILITY (NO LIMIT)

CATEGORY B: HIGHEST MINIMUMS = 800 FEET AND 2 MILES OR

TIME (EST)	0000 - 0300				0300 - 0600					
SPEED (KTS)	>22	17-21	11-16	1-10	0	>22	17-21	11-16	1-10	0
CAT B	.1		.3			.2		.4		.1
CAT A	.		.7			.4	.1	.4		.1

TIME (EST)	1200 - 1500					1500 - 1700				
SPEED (KTS)	>22	17-21	11-16	1-10	0	>22	17-21	11-16	1-10	0
CAT B	1.1		.3			.4		.3		.1
CAT A	1.1	.3	.4			2.1	.5	.4		.

TIME (EST)	2100 - 2300				
SPEED KTS	>22	17-21	11-16	1-10	0
CAT B	.6		.4		
CAT A	1.7	.3	.3	.4	.1

FREQUENCY OF OCCURRENCE OF CROSSWINDS
[illegible] HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 173-353

[illegible]

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: MAY

[illegible] VISIBILITY (HOURLY OBS ONLY)

[illegible] KNOTS REPORTED WITHIN THE HOUR (KNOTS + SPECIALS)

0301 - 0500				0501 - 0800				0801 - 1100			
[illegible]	[illegible]	[illegible]	[illegible]	0-15	16-25	26-35	36+	0-15	16-25	26-35	36+
.2			930	.1			930	1.0			930
.4	.2		944	.2	.1		1002	2.1	.3	.1	1000

1101 - 1700				1701 - 2000				2101 - 2300			
[illegible]	[illegible]	[illegible]	[illegible]	0-15	16-25	26-35	36+	0-15	16-25	26-35	36+
.2			930	.1			930	.3			930
.1	.5		944	.3			953	1.7	.4	.1	974

[illegible] - 2400				ALL HOURS			
[illegible]	[illegible]	[illegible]		0-15	16-25	26-35	36+
		4967		.4			7443
.3	.2	4917		1.4	.3	.0	7364

FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 173-353

AFB

PERIOD OF RECORD: MAR 79 - FEB 83
MONTH: JUN

KEY TO KNOTS OF VISIBILITY (HOURLY OBS ONLY)

HIGHEST WIND SPEED ASSOCIATED WITH LAT HOUR (HOURLIES + SPECIALS)

0001 - 0300

1-3	4-6	7-10	11-16	17-21	22-27	28-33	34
.1			.2				.4
.7	.1		.3	.1			2.5

0301 - 0600

1-3	4-6	7-10	11-16	17-21	22-27	28-33	34
.1							
.3			.1				

0601 - 0900

1-3	4-6	7-10	11-16	17-21	22-27	28-33	34
.1							
.3			.1				

0901 - 1200

1-3	4-6	7-10	11-16	17-21	22-27	28-33	34
.1							
.3			.1				

1201 - 1500

1-3	4-6	7-10	11-16	17-21	22-27	28-33	34
.1							
.3			.1				

1501 - 1800

1-3	4-6	7-10	11-16	17-21	22-27	28-33	34
.1							
.3			.1				

1801 - 2100

1-3	4-6	7-10	11-16	17-21	22-27	28-33	34
.1							
.3			.1				

2101 - 2400

1-3	4-6	7-10	11-16	17-21	22-27	28-33	34
.1							
.3			.1				

ALL HOURS

1-3	4-6	7-10	11-16	17-21	22-27	28-33	34
		43.3	.2				72.3
.1		46.7	1.2	.1	.2		74.7

OPERATIONAL CLIMATIC DATA
USAFETAC, ASH VILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
FROM JULY [illegible] SATELLITE

STATION NUMBER: [illegible] STATION NAME: TINKER AFB OK
LST DIFFERENTIAL: + 6

CATEGORY A: ANY CEILING OR VISIBILITY (MONTHLY

CATEGORY B: HIGHEST WIND SPEED WITHIN THAT

TIME (LST)	[illegible] - 0259				0300 - 0559				
CEILING (FT)	[illegible]	[illegible]	[illegible]	[illegible]	0-1500	1501-3000	3001-5000	5001+	[illegible]
CATEGORY A				.10			.07	.1	
CATEGORY B		.		.47	.4		.33	.5	.

TIME (LST)	1200 - 1459				1500 - 1759				
CEILING (FT)	.1	[illegible]	[illegible]	.03	0-1500	1501-3000	3001-5000	5001+	[illegible]
CATEGORY A	.1			.03			.03		
CATEGORY B	1.1			.45	.4		.43	.7	

TIME (LST)	[illegible] - 2059					
[illegible]	0-1500	1501-3000	3001-5000	5001+	[illegible]	
CATEGORY A	.1			.1		.1
CATEGORY B	.1	.3		.1		.

TAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 173-353

TINKER AFB OK

PERIOD OF RECORD: MAR 73 - FEB 89
MONTH: JUL

: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

0300 - 0500

GE15	GE25	GE35	OBS
			930
		.1	930
.3			946
.3		.5	946
.4		.1	948

0600 - 0800

GE15	GE25	GE35	OBS
			930
		.1	930
.3			946
.2			946
.5		.1	948

0900 - 1100

GE15	GE25	GE35	OBS
			930
		.3	930
1.4			946
1.4		.3	946
1.8		.4	948

1400 - 1700

GE15	GE25	GE35	OBS
			930
			930
.4			946
.4		.3	946
.4		.3	948

1700 - 2000

GE15	GE25	GE35	OBS
			930
			930
.2			946
.2		.1	946
.2		.1	948

2100 - 2300

GE15	GE25	GE35	OBS
			930
			930
.2	.1		943
.2	.1		943
.2	.1		948

2300 - 2600

GE15	GE25	GE35	OBS
			930
			930
.2			946
.2		.1	946
.2		.1	948

ALL HOURS

GE15	GE25	GE35	OBS
			7443
.1			7443
.4	.1		7607
.4	.1	.0	7607
.4	.1	.0	7751

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HO

TIME (LST)	0000 - 0300				0300 - 0600					
SPEED (KTS)	0-15	16-25	26-35	>35	0-15	16-25	26-35	>35	0-15	1
CATEGORY A				330				0330		
CATEGORY B	.2			344	.2			350	.4	

TIME (LST)	1200 - 1400				1400 - 1700					
SPEED (KTS)	0-15	16-25	26-35	>35	0-15	16-25	26-35	>35	0-15	1
CATEGORY A	.1			330	.2			0330		
CATEGORY B	2.3			343	1.7	.3	.1	0376	.4	

TIME (LST)	0600 - 2000				
SPEED KTS	0-15	16-25	26-35	>35	0-15
CATEGORY A	.1			4550	.1
CATEGORY B	1.4	.1	.0	4732	1.3

TAGF FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 173-353

INKER AFB OK

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: AUG

ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

0300 - 0500				0600 - 0800				0900 - 1100			
GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
			933				930	.2			930
.2			36	.5			953	1.3			945

1500 - 1700				1800 - 2000				2100 - 2300			
GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
.2			930				930	.1			930
1.7	.3	.1	974	.5			947	.5	.2		957

0300 - 2000			ALL HOURS			
GE25	GE35	OBS	GE15	GE25	GE35	OBS
		4650	.1			7440
.1	.0	4734	1.0	.1	.0	7655

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE

TIME (LST)	0000 - 0200				0300 - 0500				
SPEED (KTS)	0-15	16-25	26-35	36+	0-15	16-25	26-35	36+	
CATEGORY A				.0	.1			.0	
CATEGORY B	.2			.4	.7	.3	.2	.6	.3

TIME (LST)	1200 - 1400				1500 - 1700				
SPEED (KTS)	0-15	16-25	26-35	36+	0-15	16-25	26-35	36+	
CATEGORY A	.1			.0	.2			.0	.3
CATEGORY B	2.7			.9	1.6	.3		.7	1.3

TIME (LST)	1800 - 2000				
SPEED KTS	0-15	16-25	26-35	36+	
CATEGORY A	.3			.0	.3
CATEGORY B	1.7	.1		.4	2.

FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 173-353

[illegible] AFB SK

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: SEP

ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

0300 - 0500				0600 - 0800				0900 - 1100			
GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
.1			900				900	.3			900
.7	.3	.2	952	.5			957	2.5			956

1500 - 1700				1800 - 2000				2100 - 2300			
GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
.2			900	.3			900	.1			900
1.3	.3		954	1.3	.2		933	.4	.2	.1	936

0000 - 0200			ALL HOURS			
GE25	GE35	OBS	GE15	GE25	GE35	OBS
		4500	.2			7200
.1		4746	1.3	.1	.0	7578

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY
CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE

TIME (LST)	0000 - 0200				0300 - 0500					
SPEED (KTS)	GE15	GE25	GE35	ORS	GE15	GE25	GE35	ORS	GE15	G
CATEGORY A				932	.3			93	.1	
CATEGORY B	.7			936	.9	.1		93	.4	

TIME (LST)	1200 - 1400				1500 - 1700					
SPEED (KTS)	GE15	GE25	GE35	ORS	GE15	GE25	GE35	ORS	GE15	G
CATEGORY A	1.0	.1		930	1.1	.2		930		
CATEGORY B	2.7	1.0	.2	926	2.3	.5		929	.4	

TIME (LST)	0600 - 2000				
SPEED KTS	GE15	GE25	GE35	ORS	G
CATEGORY A	.8	.1		4650	.2
CATEGORY B	1.7	.4	.0	4940	1.3

FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 173-353

AFB OK

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: OCT

CEILING OR VISIBILITY (HOURLY OBS ONLY)

ALL WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

0300 - 0600			0600 - 0800			0900 - 1100		
GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
		930	.3			930	.9			930
.1		991	.8			1017	2.1	.3		991

1500 - 1700			1800 - 2000			2100 - 2300			
GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
.2		930				930				930
.4		944	.4			964	.2			957

- 2300			ALL HOURS			
GE35	OBS		GE15	GE25	GE35	OBS
	4650		.6	.0		7440
.0	4940		1.3	.2	.0	7891

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE

TIME (LST)	0000 - 0200				0800 - 1000			
SPEED (KTS)	1-15	16-25	26-35	35+	1-15	16-25	26-35	35+
CATEGORY A	.4			4%	.2			4%
CATEGORY B	1.7	.1		2%	1.4	.1		2%

TIME (LST)	1200 - 1400				1600 - 1800			
SPEED (KTS)	1-15	16-25	26-35	35+	1-15	16-25	26-35	35+
CATEGORY A	1.2			2%	1.1	.3		2%
CATEGORY B	3.7	.5	.1	9%	3.4	.4	.4	7%

TIME (LST)	0600 - 2000			
SPEED KTS	1-15	16-25	26-35	35+
CATEGORY A	.2	.1		4%
CATEGORY B	2.9	.5	.1	4%

...NTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 173-353

...IKER AFB OK

PERIOD OF RECORD: MAR 79 - FEB 89
MONTH: NOV

...: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

...: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

0300 - 0500				0600 - 0800				0900 - 1100			
GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
.2			900				900	.0			900
1.4	.1		954	1.0			989	3.1	.6	.2	963

1500 - 1700				1800 - 2000				2100 - 2300			
GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
1.1	.3		900	.5			900	.7	.1		900
3.4	.9	.4	954	1.5	.4		932	1.4	.2		950

0600 - 2000				ALL HOURS			
GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
.3	.1		4500	.3	.1		7200
1.7	.5	.1	4747	2.1	.4	.1	7641

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
FOR A HOURLY OBSERVATION

STATION NUMBER: 722 43
STATION NAME: TINKER AFB OK
LST TO UTC: + 6

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY

CATEGORY B: HIGHEST CEILING (HOURLY) WITHIN TW

TIME (LST) 0300 - 0459 0900 - 1059

SPEED (KTS)	0-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41+
CATEGORY A	.7			.2					
CATEGORY B	1.7			.9				.4	.7

TIME (LST) 1200 - 1459 1500 - 1759

SPEED (KTS)	0-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41+
CATEGORY A	.3			.8				.2	
CATEGORY B	1.7	.1		1.9	.1			.1	.1

TIME (LST) 1800 - 2059

SPEED KTS	0-10	11-16	17-21	22-27	28-33	34-40	41+
CATEGORY A	.3						
CATEGORY B	1.4	.3					

TAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 173-353

PERIOD OF RECORD: MAR 73 - FEB 89
MONTH: DEC

: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

: HIGHEST WINDS SPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

0300 - 0500

0615	0625	0635	OBS
.2			930
.5			996

0600 - 0800

0615	0625	0635	OBS
.7			1021

0900 - 1100

0615	0625	0635	OBS
.1			930
1.5			1021

1400 - 1700

0615	0625	0635	OBS
.8			930
1.5	.1		996

1800 - 2000

0615	0625	0635	OBS
.1			973

2100 - 2300

0615	0625	0635	OBS
.3			930
.9			996

2300 - 2359

0615	0625	0635	OBS
.3			4550
.4	.0		4998

ALL HOURS

0615	0625	0635	OBS
.3			7440
1.2	.0		7760

OPERATIONAL LOCATION MAP
[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72356
STATION NAME: TINKER AFB, OK
LST TO UTC: +6

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY

CATEGORY B: HIGHEST WINDS (PERIOD TIME)

TIME (LST)	0000 - 0259					0300 - 0559				
CEILING (FT)	≥ 2000	1000-1900	500-900	0-400		≥ 2000	1000-1900	500-900	0-400	
CATEGORY A	.		10.32		.3		10.4			.3
CATEGORY B	.7	.3	.	11.62	1.1	.2	.2	11.7%		1.2

TIME (LST)	1200 - 1459					1500 - 1759				
CEILING (FT)	≥ 2000	1000-1900	500-900	0-400		≥ 2000	1000-1900	500-900	0-400	
CATEGORY A	1.3	.		11.32	1.3	.2		12.2		.4
CATEGORY B	1.1	.3	.1	11.5%	1.3	.3	.1	11.2		1.

TIME (LST)	2100 - 2359				
CEILING (FT)	[illegible]	[illegible]	[illegible]	[illegible]	
CATEGORY A	.7	.3		94.5%	
CATEGORY B	2.1	.2	.	97.5%	

...TIVE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 173-353

...ASE AFB, MI

PERIOD OF RECORD: MAR 73 - FEB 89
MONTHS: ALL

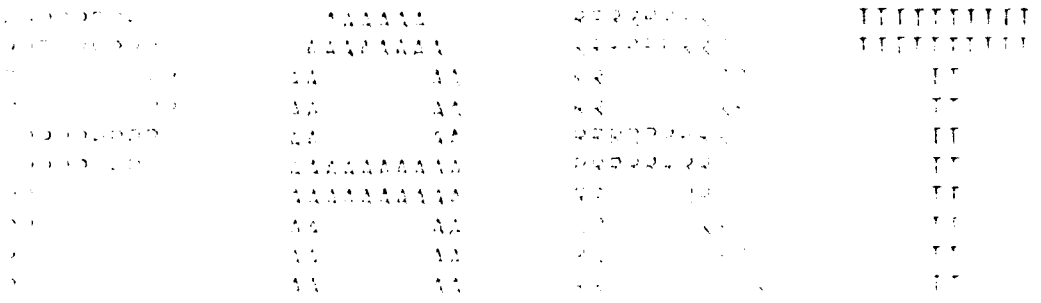
ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

0001 - 0300				0301 - 0600				0601 - 0900			
0-15	16-25	26-35	36+	0-15	16-25	26-35	36+	0-15	16-25	26-35	36+
.3			10459	.3	.2		10453	.3			10459
1.1	.1	.0	11204	1.2	.0		11203	2.2	.2	.0	11258

0901 - 1200				1201 - 1500				1501 - 1800			
0-15	16-25	26-35	36+	0-15	16-25	26-35	36+	0-15	16-25	26-35	36+
1.0	.1		10459	.3			10456	.2	.0		10456
1.0	.4	.1	11329	1.0	.1		11356	1.1	.2	.0	11423

1801 - 2100				ALL HOURS			
0-15	16-25	26-35	36+	0-15	16-25	26-35	36+
.0			84284	.5	.0		87729
.2	.1		87852	1.7	.2	.0	92341



PART A

DEGREE DAY SUMMARIES

DEGREE DAYS.
CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE)
THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON
PER (IF AVAILABLE). THE 30-YEAR PER PROVIDES AN OPTIMUM
CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS,
OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT
CHANGE TO 1951-1980 AS SOON AS DATA FOR DECEMBER 1980

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE
IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE
CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.
ONE "HEATING DEGREE DAY" IS ASSIGNED TO EACH
DAY TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE"
FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE
THAT DAY IS SAID TO HAVE 3 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.
ONE "COOLING DEGREE DAY" IS ASSIGNED TO EACH
TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE"
FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE
DEGREES, THAT DAY IS SAID TO HAVE 5 COOLING DEGREE DAYS.

65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONAL
"BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY)
COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE
TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION,

PART H

DEGREE DAY SUMMARIES

M HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE
OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

WITH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980)
AILABLE). THE 30-YEAR DSR PROVIDES NMS USERS WITH A SUMMARY
WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE
TIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR DSR WILL
1951-1980 AS SOON AS DATA FOR DECEMBER 1980 HAS BEEN PROCESSED.

OF AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS
TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT
CALCULATED (FILLED IN) AUTOMATICALLY.

DAYS.
A DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE
ATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES*
. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES,
IS SAID TO HAVE 8 HEATING DEGREE DAYS.

DAYS.
A DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE
RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES*
. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73
AT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

T HAS BEEN SELECTED AS THE NATIONWIDE STANDARD
ATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR
REQUIRED. IN ANOTHER BASE TEMPERATURE IS USED IN THESE
WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM MONTHLY OBSERVATIONS

STATION NUMBER: 723640 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1943	[illegible]	405	341	99	30			
1944	[illegible]	[illegible]	522	204	46			
1945	[illegible]	[illegible]	*****	214	69			
1946	[illegible]	103						
1947	[illegible]	740	571	193	41	1		
1948	[illegible]	743	510	92	33			
1949	[illegible]	[illegible]	432	122	2			
1950	[illegible]	[illegible]	463	200	33	1		
1951	[illegible]	[illegible]	404	230	23	0	2	
1952	[illegible]	434	457	214	25			
1953	[illegible]	531	277	293	7	0		
1954	[illegible]	329	[illegible]	85	101	1		
1955	[illegible]	435	447	79	1	0		
1956	[illegible]	444	401	190	13			
1957	[illegible]	454	470	226	35	5		
1958	[illegible]	726	[illegible]	212	19			
1959	[illegible]	651	426	215	19			
1960	[illegible]	[illegible]	757	139	64			
1961	[illegible]	603	341	195	24			
1962	[illegible]	515	532	236	7			
1963	1105	570	353	96	50			
1964	[illegible]	742	554	119	31	5		
1965	[illegible]	653	733	79	2			
1966	772	729	364	224	70	1		3
1967	733	593	311	90	101	3		
1968	[illegible]	414	440	152	55			

ATING DEGREE DAYS
OM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

PERIOD OF RECORD: JAN 43 - FEB 89

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
			1	104	401	831	3360
			9	58	372	835	3355
			37	109	346	****	2205
			15	63	405	567	1945
1				35	****	676	3051
			6	83	459	647	3615
			25	146	272	570	3454
1		2	1	28	498	766	3288
6	2		15	141	506	698	3596
			4	149	455	745	3165
	4			101	407	738	3013
1				113	306	640	2829
9			1	83	517	769	3289
				39	463	835	3195
5				208	502	553	3371
			12	127	344	822	3712
			15	170	590	572	3609
			1	92	382	844	3931
			34	96	531	840	3579
			15	118	442	737	3574
			5	18	372	962	3652
5			14	125	391	770	3517
			26	125	224	515	3129
1		3	14	169	341	844	3731
3			34	169	488	769	3396
				141	526	803	3808

1969	826	619	635	139	34	4			
1970	1013	610	507	161	27	15			
1973	874	700	367	236	52	1			
1974	915	517	293	157	16				
1975	723	720	523	194	13				
1976	[illegible]	592	424	150	125				
1977	999	462	309	85	1				
1978	1141	983	643	92	62				
1979	1135	940	361	171	57				
1980	743	593	479	177	21				
1981	715	539	348	52	63				
1982	997	746	339	267	25	2			
1983	771	564	446	239	60	2			
1984	429	562	507	222	33				
1985	954	748	331	75	4				
1986	557	573	325	145	30				
1987	[illegible]	512	447	142	2				
1988	731	549	432	170	13				
1989	673	751							
1990	447	524	456	165	39	1			
59	1[illegible].[illegible]	191.72	119.49	69.05	30.56	3.13	.14	.13	[illegible]

****SPL 30Y% SD(MATI % (1[illegible]-1[illegible])****

1990	733	536	434	147	37	1			
59	132.93	125.91	114.74	75.21	40.03	20.33	2[illegible].[illegible]	[illegible].43	[illegible]

34	4			254	455	740	3736
27	15		20	238	540	602	3829
62	1		41	94	356	755	3676
16			43	70	425	746	3137
13			52	105	380	682	3402
126			27	244	551	719	3435
1				64	379	594	2975
62			2	90	333	735	4036
57			1	66	307	608	3754
21			16	134	415	637	3315
53			12	158	361	737	2980
25	2		14	149	445	630	3580
50	2		13	73	373	1160	3759
33			59	142	416	612	3476
4			44	116	343	434	3725
30			3	124	545	704	3106
2			2	154	406	704	3263
12			6	136	325	576	3245
							1391

39	1	3	0	15	113	429	726
5.96	3.13	.14	.12	16.45	56.67	86.21	120.43

**** 3 YR SUMMATION (1951 -1980)****

39	1	3	3	13	113	401	575
43.03	20.33	24.00	3.40	40.25	55.35	109.01	114.95

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
1974 HOURLY OBSERVATIONS

STATION NUMBER: 723540 STATION NAME: TINKER AFB OK
LST TO UTC: + 6

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1943			12	112	14[illegible]	472	63	[illegible]
1944		4		2[illegible]	234	44[illegible]	546	576
1945			****	32	177	31[illegible]	471	49[illegible]
1946								
1947			7	31	133	395	[illegible]	[illegible]
1948			[illegible]	14[illegible]	17[illegible]	441	53	[illegible]
1949				57	23[illegible]	4[illegible]	5[illegible]	[illegible]
1950			5	41	130	365	37	3[illegible]
1951			[illegible]	45	153	372	[illegible]	551
1952	1		7	32	193	5[illegible]	[illegible]	652
1953			11	24	250	535	[illegible]	[illegible]
1954		4	12	134	11[illegible]	[illegible]	757	731
1955		1	2[illegible]	12[illegible]	231	331	[illegible]	[illegible]
1956			29	[illegible]	305	471	[illegible]	[illegible]
1957				36	139	3[illegible]	[illegible]	540
1958				23	241	[illegible]17	[illegible]	[illegible]
1959			12	[illegible]	227	371	4[illegible]	[illegible]17
1960			[illegible]	57	140	[illegible]	[illegible]	[illegible]
1961			[illegible]	91	230	[illegible]	47[illegible]	[illegible]72
1962		12	[illegible]	30	304	[illegible]	[illegible]14	[illegible]44
1963			35	196	225	43[illegible]	[illegible]	[illegible]37
1964				39	292	[illegible]05	[illegible]	[illegible]23
1965				93	190	376	[illegible]	[illegible]1[illegible]
1966			20	17	164	352	[illegible]	[illegible]3[illegible]
1967			39	81	101	[illegible]40	[illegible]27	[illegible]01
1968			15	24	31	[illegible]20	[illegible]44[illegible]	474

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

[illegible] AFB IN — PERIOD OF RECORD: JAN 43 - FEB 89

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
144	472	53	542	299	45			2410
234	445	545	576	354	93	22		2190
177	315	471	495	303	41	19	****	1857
				255	117		1	384
133	395	552	552	413	225	****		2364
19[illegible]	441	583	599	355	74		3	2274
234	442	547	441	213	94	5		2141
140	365	371	390	199	154	4		1717
153	372	564	551	295	113	3	2	2220
193	552	556	652	353	55	17		2425
252	535	434	455	336	130			2339
115	469	757	701	489	153			2953
231	331	533	555	377	54		3	2350
305	471	515	555	421	175	3		2751
139	363	551	540	214	55	4		2093
241	417	535	532	307	104	9		2156
227	371	433	517	297	17	2		1952
140	348	459	465	333	105	5		1755
230	356	470	472	227	61			1945
304	303	514	544	219	135			2071
225	439	555	537	320	226	5		2455
202	405	547	522	275	27	13		2186
140	376	501	515	309	60	10		2151
154	352	685	393	154	42	19		1851
101	345	397	401	174	74			1507
81	329	447	474	195	71	6		1634

19[illegible]				35	152	822	511	4[illegible]
1973				53	201	87[illegible]	624	5[illegible]
1973				14	97	2[illegible]	4[illegible]	4[illegible]
1974			44	29	206	2[illegible]	523	3[illegible]
1975			2	39	155	322	4[illegible]	4[illegible]
1976			15	24	37	2[illegible]	3[illegible]	45[illegible]
1977		1	[illegible]	65	238	474	[illegible]75	51[illegible]
1978			2	61	166	3[illegible]	5[illegible]	4[illegible]1
1979			15	37	1[illegible]	823	[illegible]17	5[illegible]
1980				35	157	611	736	57[illegible]
1981		[illegible]		111	194	4[illegible]	[illegible]27	[illegible]
1982			[illegible]	23	132	247	[illegible]4[illegible]	[illegible]7[illegible]
1983			7	39	117	3[illegible]	[illegible]4[illegible]	[illegible]3[illegible]
1984			2	21	167	413	[illegible]31	[illegible]
1985			[illegible]4	[illegible]2	259	[illegible]5[illegible]	[illegible]4[illegible]	[illegible]51
1986		[illegible]	15	43	114	411	[illegible]24	[illegible]4[illegible]
1987				[illegible]7	213	3[illegible]4	45[illegible]	[illegible]24
1988			[illegible]	34	132	41[illegible]	[illegible]17	[illegible]1[illegible]
.....								
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]57	177	3[illegible]	[illegible]4[illegible]	[illegible]3[illegible]
[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible]1.[illegible]	[illegible]5.[illegible]	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]1.[illegible]	[illegible].[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]1[illegible]	[illegible]4	[illegible]1[illegible]	[illegible]4[illegible]	[illegible]1	[illegible]4[illegible]
[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible]7.[illegible]	[illegible]4[illegible].[illegible]	[illegible]1[illegible].[illegible]	[illegible]2[illegible].[illegible]	[illegible]5[illegible].[illegible]	[illegible]4[illegible].[illegible]

								1974
152	322	511	469	258	43	1		2150
291	378	524	538	367	47			
								1550
67	203	442	442	141	33	5		1582
206	288	523	360	93	63			1758
155	327	493	453	136	42	2		
								1335
97	253	343	455	173	31			2378
238	474	575	519	426	72	2		2178
166	345	504	481	305	78	13	3	1755
154	333	507	527	274	139			2527
157	511	735	573	410	80	13	2	
								2177
114	409	523	494	340	54			1909
132	247	566	573	291	67	4		2090
117	369	543	523	347	53	15		2134
169	413	531	499	317	77	7		2215
233	450	564	531	322	64	4		
								2012
114	411	524	453	305	53			1994
213	354	453	576	245	32	18		2191
132	424	547	534	233	39	12		

177	[illegible]	545	532	339	55	6	3
[illegible]7.33	77.19	[illegible]8.19	[illegible]5.73	[illegible]4.41	4[illegible].89	3.07	.33

[illegible] [illegible]SAILING (1951 -1991)****

133	[illegible]2	[illegible]13	443	273	73	4	2
[illegible]5.38	259.14	512.37	4[illegible]7.13	264.57	77.41	1.41	.33

```
                    STATION NAME:  TINKER AFB OK
                    LATITUDE/LONGITUDE:  35 25 N     97 24 W
CLIMATIC DATA       MONTHLY NORMALS:  MAR 73 - FEB 03
                    SUMMARY OF DAY DATA:  JAN 43 - FEB 03
                    HOURLY SUMMARIZATION:  0000 - 2300     LST
                    UTC TO LST:  +06
```

	JAN	FEB	MAR	APR	MAY	JUN	JUL
(T) MEAN DAILY MAX (F)	50	55	01	03	104	103	103
MEAN DAILY MIN (F)	30.1	51.0	03.1	7 .	7 .	. .	1 .
MEAN DAILY (F)	37.1	41.7	40.7	3.0	0 . 3	77.4	2.1
MEAN DEW PT (F)	27.7	31.3	37.4	3 . 3	3.8	2.3	7 .
(T) MEAN DAILY DIFF (F)	-7	-1	-1	25	35	21	25
MEAN NUMBER OF DAYS (-)	3	5	7	7	7	1	4
MEAN NUMBER OF DAYS (-)	4	3	3	1	3	1	3
MEAN NUMBER OF DAYS (F)	21	14	1	1	2	3	
MEAN NUMBER OF DAYS (F)	7	3	1				
HEATING DEGREE DAYS	1447	924	455	1 3	3	1	
COOLING DEGREE DAYS	0	0	3	7	177	3	7
MEAN HOURLY DEW PT (F)	24.4	2 . 4	3 . 3	4 . 1	3 . 3	3 . 7	3 . 3
MEAN HOURLY WET BULB (F)	32.7	35.1	4 . 4	3 . 1	3 . 7	3 . 7	7 . 3
MEAN HOURLY (F)	1753	1353	1353	1 3 3	1753	1753	1453
MEAN HOURLY RELATIVE HUMIDITY (%)	73.1	73.7	73.3	73.7	7 . 1	7 . 1	73.7
MEAN HOURLY WET BULB DEPRESSION (F)	11.3	13.7	5 . 1	7 . 3	7 .	7 . 1	7 . 3
MEAN HOURLY WIND SPEED (MPH)	3.33	3.53	3 . 3	3.39	3 . 3	3 . 1	3 . 3
MEAN HOURLY WIND SPEED (KTS)	3.3	3.73	.73	3 . 3	13.31	11.1	3 . 3
MEAN HOURLY STATION PRESSURE (IN)	1.24	1.43	3 . 3	3 . 3	3 . 3	3 . 1	3 . 3
MEAN HOURLY SEA LEVEL PRESSURE (IN)	.33	.3	.11	.33	.3	.3	.3
MEAN HOURLY ALTIMETER SETTING (IN)	3	3	7	7	3	3	3
MEAN HOURLY ALTIMETER SETTING (IN)	1	1	2	2	4	3	2
MAX 24-HR PRECIP (IN)	3.3	3.3	3.7	1.3	3	3	3
MAX SNOWFALL (IN)	13.3	14.3	17.7	1.3	3	3	3
MEAN SNOWFALL (IN)	3.3	2.3	1.4	3	3	3	3
MEAN NUMBER OF DAYS WITH .1 (IN)	2	1	1	3	3	3	3
MEAN NUMBER OF DAYS WITH 1.3 (IN)	1	1	1	3	3	3	3
MAX MONTHLY SNOWFALL (IN)	12	7	7	3	3	3	3
MEAN SEA LEVEL PRESS (MB)	353	353	133	133	133	133	133
MEAN WIND SPEED (KTS)	3.2	3.3	3.3	3.7	7.7	7.3	7.3
MAX WIND SPEED (KTS)	33	33	37	33	73	73	73
PREV SUNSET TO NEXT SUNRISE (HRS)	47.3	34.3	33.3	43.3	33.3	43.3	31.3
MEAN TOTAL POSSIBLE SUNSHINE	1	1	3	3	3	3	3
MEAN SKY COVER (VISBY LT 7 MI)	10	10	10	7	3	4	3

LEGEND: ANN = ANNUAL
M = MEAN NUMBER OF DAYS WITH
3 = BASED ON LESS THAN FULL MONTHS
** = EXTRAPOLATED OR PEAK WINDS
3 = MISSING OR NOT AVAILABLE
MM/YY = MM-YY/YEARS
NORM = ADJUST CASE
= LESS THAN 3.5
I = NON-CONTIGUOUS

FIELD ELEV: 1291 FT
STATION MSC: 723540
CALL SIGN: KTIK

SUPERCEDES: JUN 85

41	88	134	135	107	137	107	92	84	85	109	43
73.1	73.9	73.6	66.5	71.6	71.6	83.7	78.1	69.6	64.8	70.2	46
60.9	60.9	64.9	77.4	82.1	81.6	73.9	68.3	50.1	40.7	60.6	46
54.4	57.5	63.3	67.3	72.3	71.1	65.7	63.9	49.3	31.3	50.5	46
-1	29	35	51	53	55	37	24	11	0	-7	43
2	3	#	1	3	4	1	0	0	0	9	43
2	1	2	1	3	2	0	1	0	2	53	43
	1	0	2	2	2	0	3	5	17	67	43
1	1	0	0	0	1	2	0	1	3	15	43
470	195	31	1	0	5	15	119	432	725	3431	43
0	57	177	331	340	432	295	55	5	0	2095	43
44.3	44.1	55.5	54.3	65.5	55.2	61.7	43.3	37.6	28.9	46.5	10
44.4	43.1	53.4	53.7	71.2	73.1	64.5	54.2	44.3	35.9	53.1	10
1350	1450	1750	1600	1450	1500	1500	1650	1450	1300	1750	10
76.2	69.3	75.1	75.3	69.3	73.7	73.5	73.5	74.7	71.4	71.7	10
46.1	44.3	55.3	55.1	47.3	45.3	49.5	52.7	54.5	55.5	51.3	10
3.22	3.28	5.22	3.13	4.54	3.47	5.15	5.33	3.37	3.52	5.15	43
.79	5.33	12.71	11.11	2.22	3.27	11.35	13.45	7.25	2.53	50.19	43
2.24	3.33	5.52	4.15	5.35	2.32	3.42	3.22	1.93	1.64	33.53	43
.11	.35	.34	.35	#	.01	#	#	.00	.02	17.35	43
7	7	9		5	5	7	6	5	5	77	43
3	3	4	3	2	1	2	2	1	1	22	43
9.7	10.0	0	0	0	0	0	0	4.7	10.2	10.2	43
17.4	10.3	0	0	0	0	0	0	5.3	12.6	26.0	43
1.6	0	0	0	0	0	0	0	.5	1.9	9.5	43
1	0	0	0	0	0	0	0	1	1	6	43
1	0	0	0	0	0	0	0	0	1	4	43
7	8	0	0	0	0	0	0	3	5	12	43
180	180	190	180	180	180	180	180	180	360	180	10
8.0	8.7	7.7	7.3	7.0	6.3	7.3	7.0	8.6	8.4	7.9	10
67	65	72	72	79	82	82	64	64	64	37	43
53.0	49.6	56.0	49.3	31.0	36.9	40.0	47.3	47.0	51.3	47.5	10
8	9	9		6	5	4	3	1	1	47	40
10	7	8	4	3	4	7	7	8	10	38	43

PERIOD/YEARS OF RECORD

MONTHS

MPPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

= LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

1 = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY BY

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	A
EST								
[illegible]	19.7	26.3	14.9	14.9	15.7	5.3	1.3	
[illegible]	21.4	30.0	22.7	16.2	20.9	13.4	4.1	
[illegible]	23.7	33.7	27.6	21.8	25.7	12.2	7.7	
[illegible]	25.4	34.0	28.0	21.7	24.1	10.3	5.5	
[illegible]	20.3	29.6	24.2	15.7	17.3	5.7	2.9	
[illegible]	15.3	25.1	19.9	12.3	13.4	4.9	.9	
[illegible]	14.5	22.5	17.4	9.9	9.1	4.3	.5	
[illegible]	14.7	22.2	17.1	10.2	11.7	4.2	1.9	
ALL	20.5	29.1	22.2	15.3	15.8	7.3	3.0	
[illegible]	19.1	19.9	11.5	9.1	5.9	4.1	1.4	
[illegible]	17.9	22.9	15.2	10.7	14.4	7.5	3.3	
[illegible]	23.2	27.7	23.4	15.1	15.1	6.1	2.3	
[illegible]	22.2	25.9	19.5	14.2	12.1	6.5	1.7	
[illegible]	15.5	21.4	12.7	7.3	5.5	2.2	.9	
[illegible]	12.6	17.4	13.1	6.5	4.5	2.1	.7	
[illegible]	13.1	15.5	13.5	7.2	5.4	2.5	.5	
[illegible]	14.6	16.4	9.8	6.5	4.7	2.5	.7	
ALL	17.1	21.1	13.1	8.5	6.7	4.3	1.7	
[illegible]	11.7	13.1	6.3	3.9	2.1	3.2	.9	
[illegible]	14.1	17.3	13.5	7.7	12.4	6.7	2.4	
[illegible]	15.7	17.1	14.9	12.4	12.3	6.1	2.3	
[illegible]	17.7	21.7	12.3	7.9	5.1	2.1	.9	
[illegible]	11.9	16.3	7.1	4.1	3.7	1.5	.5	
[illegible]	9.5	13.3	5.1	3.7	3.3	1.3	.1	
[illegible]	9.1	12.1	7.3	3.7	4.2	1.4	.1	
[illegible]	9.5	13.2	7.2	4.1	4.5	1.5	.3	
ALL	12.1	16.3	9.3	6.2	5.3	4.2	.7	
[illegible]	3.4	2.3	.7	1.1	1.1	.3	.1	
[illegible]	3.1	3.5	1.3	2.1	1.3	.9	.1	
[illegible]	3.4	3.3	2.2	1.3	.7	.3	.1	
[illegible]	3.3	4.1	1.5	.5	.2	.5	.1	
[illegible]	1.2	.7	.3	.1	.1	.1	.1	
[illegible]	1.1	.7	.1	.1	.1	.3	.1	
[illegible]	1.3	1.1	.2	.2	.3	.3	.1	
[illegible]	1.3	1.4	.1	.3	.2	.1	.1	
ALL	2.1	2.3	.9	.5	.5	.3	.1	

[illegible] MODEL STORMS RESERVED FOR THE PERIOD 1900 - 1[illegible]:

[illegible]	JUN	JUL	AUG	[illegible]	[illegible]
60NM	0/3	0/0	0/1	3/3	3/1
120NM	0/2	0/0	0/1	0/1	3/4
240NM	0/2	0/1	3/5	4/4	4/1

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
14.0	19.7	6.3	1.8	1.8	7.9	19.8	21.2	26.3	15.0	10
16.2	20.4	10.4	4.1	3.4	9.3	23.7	25.9	29.0	18.0	10
21.8	25.7	12.2	7.7	6.1	13.2	27.0	30.2	31.6	21.8	10
21.7	24.1	10.9	5.5	4.3	12.3	24.9	29.0	29.5	20.8	10
16.8	17.3	6.7	2.6	2.2	9.2	19.9	25.0	25.2	16.6	10
12.0	10.4	4.0	.6	1.4	5.1	16.2	19.7	22.4	12.9	10
9.9	9.1	3.3	.6	1.3	4.4	14.1	17.9	22.2	11.6	10
10.2	11.1	4.2	1.0	1.3	5.3	15.9	19.1	24.1	12.8	10
15.3	15.8	7.3	3.0	2.7	8.4	20.2	23.5	26.3	16.1	10
9.1	8.9	4.1	1.6	1.7	6.3	15.4	17.9	20.4	11.0	10
10.7	14.4	7.5	3.2	2.7	7.4	17.3	19.8	22.3	13.5	10
15.1	19.3	9.1	5.2	5.1	10.4	22.0	22.7	24.6	16.8	10
14.2	12.3	5.5	1.7	2.2	8.9	16.5	20.6	23.5	14.3	10
7.3	5.5	2.2	.5	1.0	4.4	10.9	15.5	18.3	9.8	10
5.9	4.5	2.0	.2	1.1	2.9	9.5	12.7	15.6	7.9	10
7.2	5.4	2.5	.5	.9	2.7	8.5	12.7	16.8	7.7	10
6.5	6.7	2.7	.6	.9	3.5	10.9	15.3	17.6	8.7	10
9.5	9.7	4.5	1.7	1.9	5.9	13.9	17.1	19.9	11.2	10
7.3	8.2	3.3	.7	1.0	4.4	11.2	15.0	15.3	8.1	10
9.7	10.4	5.7	2.4	2.2	6.0	14.3	15.7	16.3	10.3	10
10.4	12.3	6.5	2.2	2.9	7.3	17.5	17.1	20.0	12.3	10
7.8	6.4	3.1	.7	1.1	5.1	12.5	15.2	19.0	10.0	10
4.5	3.7	1.5	.3	.5	2.5	7.3	9.5	13.4	6.5	10
3.7	3.9	1.4	.1	.3	1.1	4.7	9.6	11.7	5.3	10
3.7	4.2	1.4	.1	.2	1.1	7.1	10.7	12.3	5.7	10
4.1	4.5	1.5	.2	.5	2.5	8.1	12.3	13.7	6.5	10
7.2	6.2	4.0	.7	1.1	3.9	10.9	13.2	15.2	8.1	10
1.1	1.3	.7	.3	.3	.5	2.5	2.2	2.8	1.4	10
1.1	1.5	.9	.3	.4	.4	2.5	2.6	2.5	1.7	10
1.2	.9	.9	.3	.4	.6	2.0	2.9	3.1	2.0	10
.7	.3	.0	.0	.0	.0	.5	2.0	2.0	1.1	10
.1	.1	.3	.0	.0	.0	.3	.7	1.4	.4	10
.1	.1	.2	.0	.1	.0	.3	.7	1.1	.4	10
.2	.3	.3	.1	.0	.0	.2	.7	1.2	.4	10
.3	.2	.1	.0	.0	.2	.4	.8	2.3	.6	10
.5	.5	.3	.0	.2	.2	1.1	1.6	2.1	1.0	10

[illegible] 1900 - 1965:

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	0/1	0/0	0/1
[illegible]	0/1	0/1	0/4
[illegible]	0/5	0/4	0/12