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USAFETAC/DS--92/285

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SURFACE OBSERVATION CLIMATIC SUMMARIES

for

FORT SILL, OKLAHOMA

Prepared by

OL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-2723



JULY 1992

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PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCs (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCs NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SPCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCs." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

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*** NOTE: THE AWS CLIMATIC BRIEF IS ATTACHED AT THE END OF THE SOCS ***

INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY DATA: JAN 82 - DEC 91 (AIRWAYS).

SUMMARY OF DAY DATA: SEP 39 - JUN 42, AUG 44 - OCT 91 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

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

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

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

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

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

* UTC REPLACED GMT ON 1 AUGUST 1988

NOTE: OL-A/USAFETAC DERIVES STATION LATITUDE/LONGITUDE COORDINATES AND AIRFIELD ELEVATION DATA FROM THE AWS MASTER STATION CATALOG. THIS INFORMATION IS PRESENTED ON THE AWS CLIMATIC BRIEF FOR EACH STATION. THE STATION DATA MAY DIFFER FROM INFORMATION CONTAINED IN THE SOCS STATION HISTORY (DATA SUPPLIED BY AWS UNITS). THE STATION DATA MAY ALSO VARY FROM DATA PRESENTED IN DOD FLIGHT INFORMATION PUBLICATIONS (FLIP).

STATION NO. ON SUMMARY 723550		STATION NAME FORT SILL AIN, OK		LATITUDE N 34 39		LONGITUDE W 098 24		FLD ELEV (FT) 1188		CALL SIGN FSI		WMO NMBR 72355	
STATION LOCATION AND INSTRUMENTATION HISTORY													
Nbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY				
			From	To			FLD (FT)	BARO (FT)					
1	Ft Sill/Post Field, OK	AAF	Mar 49	Jun 50	N 34 39	W 098 23	1180	1203	24				
2	Same	Same	Jul 50	Feb 53	Same	W 098 24	1184	1170	24				
3	Same	Same	Mar 53	Feb 54	Same	Same	Same	1200	24				
4	Same	Same	Mar 54	Feb 58	Same	Same	1180	1194	24				
5	Same	Same	Mar 58	Feb 63	Same	Same	1187	1200	24				
6	Same	Same	Mar 63	Dec 72	Same	Same	Same	1210	24				
7	Same	Same	Jan 73	Feb 79	Same	Same	1181	Same	24				
8	Same	Same	Mar 79	Mar 84	Same	Same	1188	1189	24				
9	Fort Sill AIN, OK	AIN	Apr 84	Jan 88	Same	Same	Same	1192	24				

Nbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Mar 49	Atop Aircraft Building	Selsyn	ML-144	70 ft	
2	Mar 54	Atop Hangar #1	Same	Same	39 ft	
3	Apr 55	Same	Same	Same	50 ft	
4	Mar 57	Same	Same	Same	60 ft	
5	Mar 58	Same	Same	Same	80 ft	
6	Jun 60	150'W of ctr runway 17/35	AN/GMQ-11	RO-2	12 ft	
7	Mar 68	525'W of runway 17/35	Same	Same	13 ft	
8	Mar 71	600'W runway 17/35, 1745'SW of ROS	AN/GMQ-20	RO-362	Same	
9	Jan 88	Same	Same	Same	Same	

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	AAAAAAAA
PP	AAAAAAAA	RR RR	TT	AAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

A - 1 - 1

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

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

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

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

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

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

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND 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).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

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

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN

HOURS (LST)	TSMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.1	4.3	1.4	3.0		8.7	10.9	.2	.3		20.1	930
03-05	.5	4.6	1.3	1.8		7.7	14.2	.1	.6		22.7	930
06-08	.2	4.3	1.8	2.6		8.7	16.9	.2	.8		26.6	930
09-11	.1	3.8	1.8	2.4		8.0	15.8	1.5	.8		26.0	930
12-14		3.4	.9	2.3		6.6	10.0	1.3	.3		18.2	930
15-17	.4	3.8	1.2	2.4		7.3	7.4	1.0	.6	.1	16.5	930
18-20	.1	3.9	1.3	3.0		8.2	6.5	1.0	.4	.1	16.1	930
21-23		4.0	1.4	3.3		8.7	7.2	.2	.3	.2	16.7	930
ALL HOURS	.2	4.0	1.4	2.6		8.0	11.1	.7	.5	.1	20.3	7440

MONTH: FEB

00-02	.5	5.4	1.1	1.4		7.9	12.4		.5		20.8	846
03-05	.7	7.6	1.4	.9		9.9	14.1		.5		24.5	846
06-08	.2	8.0	1.2	2.5		11.7	19.0	.6	.1	.2	31.7	846
09-11	.1	7.4	.8	4.1		12.4	19.1	3.5		.4	35.5	846
12-14	.2	7.4	.9	2.6		11.0	10.9	1.2	.2	.1	23.4	846
15-17	.4	5.7	.4	2.5		8.5	9.0	1.3			18.8	846
18-20	.9	6.5	.4	2.2		9.1	8.3	.7			18.1	846
21-23	.4	5.6	.5	1.7		7.7	8.9				16.5	846
ALL HOURS	.4	6.7	.8	2.2		9.8	12.7	.9	.2	.1	23.7	6768

A - 2 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR

HOURS (LST)	TSIMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.2	6.6				6.6	7.1			.3	14.0	930
03-05	1.5	6.7	.1	.5		7.3	9.6	.2	.4	.3	17.8	930
06-08	.5	7.2	.3	1.2		8.7	15.4	1.3	.5	.2	26.1	930
09-11	.9	6.8	.2	1.0		8.0	13.0	1.5	.3	.2	23.0	930
12-14	.2	6.1	.3	.8		7.2	8.0	1.2	.3	.4	17.1	930
15-17	1.5	7.0		.6		7.6	7.7	1.2	.1	1.4	18.1	930
18-20	2.0	6.8	.1	.1	.1	7.1	7.5	.3		1.4	16.3	930
21-23	2.6	6.9				6.9	5.6			.8	13.2	930
ALL HOURS	1.3	6.7	.1	.5	.0	7.4	9.2	.7	.2	.6	18.2	7440

MONTH: APR

00-02	2.0	4.8		.2		5.0	4.9			.3	10.2	900
03-05	1.4	5.8				5.8	8.4			.3	14.6	900
06-08	.9	7.0				7.0	14.8	.8			22.6	900
09-11	.7	6.3				6.3	7.4	.7		.1	14.6	900
12-14	.6	4.9				4.9	2.7	.4		.7	8.7	900
15-17	.9	4.1				4.1	1.6	.1		.4	6.2	900
18-20	1.2	4.1				4.1	2.0	.1		.4	6.7	900
21-23	2.2	4.0				4.0	2.7	.2		.1	7.0	900
ALL HOURS	1.2	5.1		.0		5.2	5.6	.3		.3	11.3	7200

A - 2 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	5.3	7.4				7.4	4.2	.1			11.7	930
03-05	3.7	6.1			.1	6.2	10.0	.4			16.7	930
06-08	1.1	5.9				5.9	18.6	3.1			27.6	930
09-11	1.4	5.4				5.4	6.9	2.9			15.2	930
12-14	1.9	5.2			.1	5.3	2.6	1.5			9.4	930
15-17	3.0	4.8			.2	5.1	2.5	.8			8.3	930
18-20	4.4	6.1				6.1	3.0	1.0			10.1	930
21-23	5.9	6.5				6.5	2.2	.3			8.9	930
ALL HOURS	3.3	5.9			.1	6.0	6.2	1.3			13.5	7440

MONTH: JUN

00-02	5.1	6.6				6.6	1.8				8.3	900
03-05	2.9	5.2				5.2	5.2	.3			10.8	900
06-08	1.0	4.4				4.4	10.1	2.7			17.2	900
09-11	1.0	4.7				4.7	2.6	1.8			9.0	900
12-14	2.7	3.7				3.7	.8	.6			5.0	900
15-17	3.7	4.7				4.7	.9	.3			5.9	899
18-20	2.1	3.6				3.6	.8			.1	4.4	900
21-23	4.8	5.1			.1	5.2	.7				5.9	900
ALL HOURS	2.9	4.7			.0	4.8	2.8	.7		.0	8.3	7199

A - 2 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.7	3.0				3.0	1.3	.5			4.8	930
03-05	1.7	2.9				2.9	2.6	1.1			6.6	930
06-08	2.0	4.5				4.5	5.9	4.5			14.9	930
09-11	.6	2.8				2.8	1.1	3.3			7.2	930
12-14	.2	1.9				1.9	.4	1.0			3.3	930
15-17	2.5	2.3				2.3		.8		.1	3.1	930
18-20	1.1	.8				.8		1.0			1.7	930
21-23	1.8	2.2				2.2	.2	.6			3.0	930
ALL HOURS	1.5	2.5				2.5	1.4	1.6		.0	5.6	7440

MONTH: AUG

00-02	1.8	3.3				3.3	1.1	.1			4.5	930
03-05	1.9	5.2				5.2	3.0	.5			8.7	930
06-08	1.2	3.8				3.8	10.1	2.9			16.8	930
09-11	.3	2.9				2.9	3.7	5.6			12.2	930
12-14	.6	3.3				3.3	1.3	2.9			7.5	930
15-17	3.1	4.4				4.4	1.4	.2			6.0	930
18-20	2.9	4.3				4.3	1.2	.6			6.1	930
21-23	1.9	2.9				2.9	.8	.4			4.1	930
ALL HOURS	1.7	3.8				3.8	2.8	1.7			8.2	7440

A - 2 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	2.7	4.8				4.8	2.3				7.1	900
03-05	3.0	6.8				6.8	6.1				12.9	900
06-08	1.7	7.3				7.3	13.6	2.8			23.7	900
09-11	1.3	7.2				7.2	7.1	2.9			17.2	900
12-14	.8	6.0				6.0	3.1	.9			10.0	900
15-17	1.1	5.6				5.6	1.8	.2			7.6	900
18-20	1.7	4.1				4.1	1.6				5.7	900
21-23	2.6	5.1				5.1	2.7				7.8	900
ALL HOURS	1.8	5.9				5.9	4.8	.8			11.5	7200

MONTH: OCT

00-02	2.7	5.6				5.6	6.0				11.6	930
03-05	2.2	6.9				6.9	11.0			.2	18.1	930
06-08	1.1	7.2				7.2	17.6	1.1			25.9	930
09-11	.8	6.5	.1	.1		6.7	11.3	1.8			19.8	930
12-14	.2	4.9				4.9	4.6	.9		.2	10.6	930
15-17	1.1	5.1			.1	5.2	3.5	.1			8.8	930
18-20	1.0	5.9	.2			6.1	3.1			.1	9.4	930
21-23	2.2	5.2				5.2	3.5				8.7	930
ALL HOURS	1.4	5.9	.0	.0	.0	6.0	7.6	.5		.1	14.1	7440

A - 2 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.2	5.2				5.2	9.1				14.3	900
03-05	.6	6.6		.1		6.7	13.3	.2			20.2	900
06-08	1.0	8.9	.2			9.1	18.4	1.0			28.6	900
09-11	.1	9.3				9.3	15.7	1.2			26.2	900
12-14	.1	6.3	.1	.1		6.6	8.8	.1		.1	15.6	899
15-17		6.1	.2	.3		6.7	5.2	.1		.2	12.2	900
18-20	.4	6.1		.8		6.9	5.6	.1			12.6	900
21-23	1.0	6.1	.1	.3		6.6	5.9				12.4	900
ALL HOURS	.4	6.8	.1	.2		7.1	10.3	.3		.0	17.8	7199

MONTH: DEC

00-02	.4	7.2	.4	3.3		11.0	11.4				22.4	930
03-05	.2	8.7	.4	4.4		13.5	14.3		.3		28.2	930
06-08	.1	10.2	1.0	4.2		15.4	15.9	.1			31.4	930
09-11	.1	7.2	1.3	4.3		12.8	16.9	1.4	.3		31.4	930
12-14		6.1	.8	3.3		10.2	12.5	1.3			24.0	930
15-17		5.5	1.3	3.3		10.1	8.9	.5	.3		19.9	930
18-20		5.9	1.0	2.8		9.7	8.0	.3	.3		18.3	927
21-23		6.8	.8	2.5		10.0	10.1	.2	.2		20.6	927
ALL HOURS	.1	7.2	.9	3.5		11.6	12.3	.5	.2		24.5	7434

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.2	4.0	1.4	2.6		8.0	11.1	.7	.5	.1	20.3	7440
FEB	.4	6.7	.8	2.2		9.8	12.7	.9	.2	.1	23.7	6768
MAR	1.3	6.7	.1	.5	.0	7.4	9.2	.7	.2	.6	18.2	7440
APR	1.2	5.1		.0		5.2	5.6	.3		.3	11.3	7200
MAY	3.3	5.9			.1	6.0	6.2	1.3			13.5	7440
JUN	2.9	4.7			.0	4.8	2.8	.7		.0	8.3	7199
JUL	1.5	2.5				2.5	1.4	1.6		.0	5.6	7440
AUG	1.7	3.8				3.8	2.8	1.7			8.2	7440
SEP	1.8	5.9				5.9	4.8	.8			11.5	7200
OCT	1.4	5.9	.0	.0	.0	6.0	7.6	.5		.1	14.1	7440
NOV	.4	6.8	.1	.2		7.1	10.3	.3		.0	17.8	7199
DEC	.1	7.2	.9	3.5		11.6	12.3	.5	.2		24.5	7434
ANNUAL	1.4	5.4	.3	.8	.0	6.5	7.2	.8	.1	.1	14.7	87640

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 3909-4206,4408-9110
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	2.0	22.8	5.7	12.7	.1	29.5	29.9	4.8	1.9	.2	41.6	1444
FEB	4.4	26.8	4.8	12.2	1.0	32.1	31.2	5.4	2.3	.7	44.6	1332
MAR	10.4	28.8	1.2	4.5	1.6	30.8	25.9	4.5	.8	.8	40.2	1456
APR	16.5	34.0	.1	.1	1.8	34.2	21.9	4.6		.4	42.4	1428
MAY	29.4	42.1			3.8	42.3	24.3	5.7		.1	52.0	1457
JUN	24.8	32.3			1.6	32.3	11.8	4.6		.1	39.7	1413
JUL	20.0	27.6			.2	27.6	8.8	4.6		.1	32.1	1428
AUG	19.1	29.4			.5	29.4	10.1	6.1			36.4	1423
SEP	13.4	30.8			.4	30.8	20.5	6.2		.2	40.4	1402
OCT	10.4	27.8	.1	.1	.3	27.8	21.2	3.7			37.1	1455
NOV	4.9	22.4	.7	3.5	.7	23.9	25.2	4.2	.2	.1	35.5	1359
DEC	1.8	23.5	3.7	9.3	.1	27.5	27.3	2.5	1.1	.1	38.1	1420
ANNUAL	13.2	29.1	1.3	3.5	1.0	30.7	21.5	4.7	.5	.2	40.0	17017

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02	.1	.5	1.2	2.0	5.3	5.1	1.7	1.8	2.7	2.7	.2	.4
03-05	.5	.7	1.5	1.4	3.7	2.9	1.7	1.9	3.0	2.2	.6	.2
06-08	.2	.2	.5	.9	1.1	1.0	2.0	1.2	1.7	1.1	1.0	.1
09-11	.1	.1	.9	.7	1.4	1.0	.6	.3	1.3	.8	.1	.1
12-14		.2	.2	.6	1.9	2.7	.2	.6	.8	.2	.1	
15-17	.4	.4	1.5	.9	3.0	3.7	2.5	3.1	1.1	1.1		
18-20	.1	.9	2.0	1.2	4.4	2.1	1.1	2.9	1.7	1.0	.4	
21-23		.4	2.6	2.2	5.9	4.8	1.8	1.9	2.6	2.2	1.0	
ALL HOURS	.2	.4	1.3	1.2	3.3	2.9	1.5	1.7	1.8	1.4	.4	.1
TOTAL OBS	7440	6768	7440	7200	7440	7199	7440	7440	7200	7440	7199	7434

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	300 - 019	020 - 089	090 - 149	150 - 219	220 - 299	NO OF OBS
TSTMS	7.1		28.6	28.6	14.3	21.4		14
LIQUID PRECIP	5.5		34.6	32.5	9.3	16.6	1.4	289
FREEZING PRECIP	1.0		53.4	16.5	16.5	12.6		103
FROZEN PRECIP	5.5		57.5	26.0	5.5	2.5	3.0	200
FOG	13.1		26.3	20.0	10.0	26.6	4.0	826
FOG WITH VIS GR 1/2 MILES	12.6		29.4	19.8	10.0	24.6	3.6	691
TOTAL OBS	1115	0	2377	1152	324	1774	693	7435

MONTH: FEB HOURS: ALL

TSTMS	6.9		17.2	17.2	20.7	27.6	10.3	29
LIQUID PRECIP	4.0		39.3	18.6	20.7	17.4		430
FREEZING PRECIP	1.8		42.9	28.6	5.4	21.4		56
FROZEN PRECIP	1.3		41.9	50.3	5.8	.6		155
FOG	8.1		33.6	20.2	12.9	22.6	2.6	860
FOG WITH VIS GR 1/2 MILES	7.2		35.3	22.0	11.6	21.4	2.6	782
TOTAL OBS	766	0	2357	1102	497	1625	419	6766

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	300 - 019	020 - 089	090 - 149	150 - 219	220 - 299	NO OF OBS
TSTMS	6.1		20.4	22.4	22.4	19.4	9.2	98
LIQUID PRECIP	2.4		24.6	21.1	27.0	21.1	3.8	422
FREEZING PRECIP			80.0	20.0				10
FROZEN PRECIP	2.6		71.8	15.4	10.3			39
FOG	8.2		18.8	17.3	25.3	29.8	.6	687
FOG WITH VIS GE 1/2 MILES	6.3		19.7	18.0	25.9	29.6	.6	646
TOTAL OBS	671	0	2014	1132	984	2055	580	7436

MONTH: APR HOURS: ALL

TSTMS	1.1		20.2	14.6	28.1	28.1	7.9	89
LIQUID PRECIP	7.0		26.6	23.6	17.3	22.6	3.0	301
FREEZING PRECIP								
FROZEN PRECIP								
FOG	10.5		13.3	16.0	23.3	34.5	2.5	400
FOG WITH VIS GE 1/2 MILES	8.0		13.6	16.8	24.2	35.1	2.4	376
TOTAL OBS	526	0	1844	1032	1015	2194	584	7195

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	300 - 019	020 - 089	090 - 149	150 - 219	220 - 299	NO OF OBS
TSMS	3.2		19.5	24.7	22.7	24.3	5.6	251
LIQUID PRECIP	4.5		22.0	24.1	24.1	19.2	6.1	245
FREEZING PRECIP								
FROZEN PRECIP								
FOG	6.7		14.0	18.8	26.9	31.0	2.6	464
FOG WITH VIS GE 1/2 MILES	6.4		14.3	19.2	26.4	31.1	2.6	454
TOTAL OBS	487	0	1239	1136	1497	2620	459	7438

MONTH: JUN HOURS: ALL

TSMS	2.4		26.7	28.1	18.1	18.6	6.2	210
LIQUID PRECIP	8.4		22.5	20.2	16.3	23.0	9.6	178
FREEZING PRECIP								
FROZEN PRECIP								
FOG	19.5		18.5	19.5	16.6	24.4	1.5	205
FOG WITH VIS GE 1/2 MILES	19.3		18.8	19.8	15.8	24.8	1.5	202
TOTAL OBS	727	0	722	962	1295	3113	379	7198

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	300 - 019	020 - 089	090 - 149	150 - 219	220 - 299	NO OF OBS
TSTMS	4.6		21.1	15.6	21.1	25.7	11.9	109
LIQUID PRECIP	6.7		21.7	26.7	18.3	21.7	5.0	120
FREEZING PRECIP								
FROZEN PRECIP								
FOG	15.4		11.5	27.9	21.2	23.1	1.0	104
FOG WITH VIS GE 1/2 MILES	15.7		11.8	28.4	20.6	22.5	1.0	102
TOTAL OBS	639	0	553	776	1409	3536	523	7436

MONTH: AUG HOURS: ALL

TSTMS	5.4		19.4	23.3	14.0	23.3	14.7	129
LIQUID PRECIP	5.8		14.0	27.1	24.6	16.9	11.6	207
FREEZING PRECIP								
FROZEN PRECIP								
FOG	25.0		8.7	20.2	30.8	13.0	2.4	208
FOG WITH VIS GE 1/2 MILES	24.8		7.9	19.8	31.7	13.4	2.5	202
TOTAL OBS	916	0	511	1075	1542	2810	557	7411

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	300 - 019	020 - 089	090 - 149	150 - 219	220 - 299	NO OF OBS
TSMs	5.3		21.8	21.1	19.5	21.8	10.5	133
LIQUID PRECIP	7.9		25.5	29.2	12.6	20.8	4.1	318
FREEZING PRECIP								
FROZEN PRECIP								
FOG	12.8		16.6	27.3	16.9	25.6	.9	344
FOG WITH VIS GE 1/2 MILES	13.0		16.6	27.2	16.3	26.0	.9	338
TOTAL OBS	867	0	979	1000	1076	2976	294	7192

MONTH: OCT HOURS: ALL

TSMs	5.8		16.3	30.8	20.7	22.1	4.8	104
LIQUID PRECIP	2.7		26.7	28.1	13.1	24.1	5.3	374
FREEZING PRECIP			66.7	33.3				3
FROZEN PRECIP			100.0					1
FOG	14.0		19.8	21.2	11.7	30.4	2.8	565
FOG WITH VIS GE 1/2 MILES	12.5		20.0	21.5	12.5	30.6	2.9	526
TOTAL OBS	864	0	1567	1193	733	2681	386	7424

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	300 - 019	020 - 089	090 - 149	150 - 219	220 - 299	NO OF OBS
TSIMS			25.8	32.3	6.5	29.0	6.5	31
LIQUID PRECIP	4.9		29.3	29.7	11.8	19.2	5.1	468
FREEZING PRECIP			33.3	16.7	16.1	16.7	16.7	6
FROZEN PRECIP			78.6	21.4				14
FOG	10.7		19.5	26.2	10.4	29.3	3.9	738
FOG WITH VIS GE 1/2 MILES	8.6		19.9	27.7	10.6	29.1	4.0	649
TOTAL OBS	863	0	1983	860	393	2513	577	7189

MONTH: DEC HOURS: ALL

TSIMS			37.5		25.0	12.5	25.0	5
LIQUID PRECIP	6.8		18.6	23.5	16.1	27.7	7.4	528
FREEZING PRECIP	6.3		48.4	37.5	6.3	1.6		64
FROZEN PRECIP	1.5		51.5	39.4	5.5	2.2		274
FOG	7.2		25.6	21.0	13.2	28.6	4.4	911
FOG WITH VIS GE 1/2 MILES	5.5		28.4	22.3	13.9	25.2	4.6	798
TOTAL OBS	1037	0	2247	1230	457	1815	645	7431

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	300 - 019	020 - 089	090 - 149	150 - 219	220 - 299	NO OF OBS
TSTMS	4.0		21.3	23.4	20.1	22.8	8.4	1205
LIQUID PRECIP	5.3		26.2	25.2	17.3	21.2	4.8	3880
FREEZING PRECIP	2.5		50.4	25.2	10.3	11.2	.4	242
FROZEN PRECIP	2.6		52.9	36.2	5.7	1.8	.9	683
FOG	10.8		21.7	20.9	16.3	27.6	2.8	6312
FOG WITH VIS GE 1/2 MILES	9.7		22.6	21.6	16.6	26.7	2.8	5766
TOTAL OBS	9478	0	18393	12650	11222	29712	6096	87551

A - 5 - 7

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PPPPPPPP	AAAAAAAA	RRRRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBBBB
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	BBBBBBBBBB
PP	AAAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBBB

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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 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 "0" 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 AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR 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 AWS 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 YEAR.

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 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 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

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS

- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 3909-4206,4408-9110
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	70.2	67.8	69.4	64.8	56.5	66.3	72.0	69.9	69.3	71.5	75.1	72.7	68.8
TRACE	14.9	13.0	12.3	13.4	13.4	10.1	9.3	11.1	10.5	9.4	8.8	12.3	11.5
.01	1.7	2.1	1.9	1.9	2.1	1.4	1.6	1.5	1.6	1.7	1.7	1.9	1.8
.02-.05	3.4	3.9	3.3	4.1	4.7	4.2	2.6	3.2	3.0	3.3	3.1	3.9	3.5
.06-.10	2.0	2.3	1.9	1.7	2.7	2.7	2.5	2.1	2.0	1.7	2.1	1.7	2.1
.11-.25	3.5	4.7	3.2	4.1	5.2	3.9	3.8	4.3	3.7	3.7	3.3	2.8	3.9
.26-.50	2.5	2.8	3.4	3.8	4.3	2.7	3.2	2.5	3.4	2.4	2.2	2.5	3.0
.51-1.00	1.2	2.3	3.1	3.9	5.5	4.3	2.6	3.5	2.6	2.8	2.3	1.4	2.9
1.01-2.50	.7	1.2	1.5	2.1	4.5	4.1	1.8	1.9	3.2	2.7	1.3	.8	2.2
2.51-5.00				.2	.8	.5	.5		.7	.7	.1	.1	.3
5.01-10.00					.2					.1			.0
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	14.9	19.3	18.3	21.8	30.1	23.7	18.6	19.0	20.3	19.2	16.1	15.0	19.7
TOTAL NO. OF OBSERVATIONS	1550	1412	1550	1500	1550	1500	1519	1533	1530	1581	1500	1550	18275

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 3909-4206,4408-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
39									TRACE	1.16	.60	.58	2.34*
40	.43	1.48	TRACE	3.78	3.71	3.04	5.31	1.95	1.85	2.25	5.10	1.29	30.19
41	2.62	2.50	.34	4.24	6.58	7.17	1.66	.93	5.41	8.03	.97	1.12	41.57
42	.14	.90	.98	4.79	1.16	4.51							12.48*
44								.83	1.91	4.46	1.44	1.63	10.27*
45	2.69	2.71	3.41	3.88	1.17	7.24	4.59	2.28	8.75	1.32	.82	.05	38.91
46	2.04	1.75	1.38	1.44	7.82	3.50	.39	3.81	3.70	.70	4.19	3.29	34.01
47	.53	.01	1.75	6.45	7.28	1.19	.49	.20*	2.52	4.24	1.54	2.31	28.51*
48	.18	3.90	2.71	2.22	2.50	3.38	2.39	1.14	.14	.43	.79	.19	19.97
49	4.02	.70	1.61	2.88	5.33	3.10	.11	1.77	3.73	4.02	.00	.89	28.16
50	1.10	2.71	.05	1.86	8.45	5.60	2.50	4.18	1.88	.03	TRACE	TRACE	28.36
51	.31	.89	1.25	2.57	10.84	9.49	3.47	1.27	.87	2.89	.56	TRACE	34.41
52	.54	.98	1.49	2.73	9.47	2.39	5.93	.02	.10	.01	2.51	1.46	27.63
53	.38	1.74	6.82	1.34	2.66	6.31	3.89	4.29	.27	11.55	2.73	2.25	44.23
54	.33	.37	.45	2.91	8.91	1.60	.47	1.55	.26	2.52	.24	1.28	20.89
55	1.48	1.68	2.19	.36	10.21	4.00	1.29	2.39	6.06	5.27	TRACE	.02	34.95
56	.58	.77	.29	.48	4.13	.57	2.91	1.23	TRACE	4.78	.78	2.24	18.76
57	1.06	.86	2.94	6.57	11.55	3.44	1.69	.38	3.25	4.25	3.01	.65	39.65
58	2.57	.70	3.22	2.47	3.23	3.23	5.32	1.20	1.53	.10	.70	.77	25.04
59	.90	.49	.32	2.91	6.77	2.72	7.37	2.06	2.78	7.46	2.60	3.02	39.40
60	1.30	2.31	1.35	.37	4.74	1.98	4.73	2.47	1.47	8.61	.24	3.17	32.74
61	.19	1.67	3.90	.31	2.84	5.14	1.94	1.41	8.32	2.28	4.85	1.95	34.80
62	.33	1.32	.86	4.43	6.67	10.88	4.82	.11	3.75	4.86	1.30	2.56	41.89
63	.12	.30	2.93	2.73	1.69	2.46	.99	.68	2.14	.10	2.85	.32	17.31
64	1.75	2.34	.98	.84	4.59	2.06	1.43	4.70	5.21	1.00	5.28	.77	30.95
65	1.02	.81	.78	1.62	4.38	2.82	.49	3.92	2.26	2.47	TRACE	1.16	21.73
66	1.09	.81	.48	4.90	.62	4.02	.63	5.18	4.09	.58	.56	1.03	23.99
67	.28	.13	.97	5.07	3.91	1.75	4.85	1.16	3.49	3.28	.47	.60	25.96
68	3.21	1.73	.92	1.42	6.67	3.18	3.38	.93	4.07	1.84	4.40	1.00	32.75
69	.84	2.67	2.78	1.06	5.82	2.10	.54	4.71	4.58	2.28	.25	1.07	28.70
70	.10	.97	4.49	1.76	1.84	1.05	.81	1.05	5.39	.92	.46	.49	19.33

B - 2 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 3909-4206,4408-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
71	.21	1.63	.13	1.22	5.20	3.42	6.73	6.63	3.97	2.67	.77	2.25	34.83
72	.04	.29	.28	4.71	2.94	2.36	1.05	2.67	1.97	8.48	2.58	.35	27.72
73	3.04	.94	4.76	3.75	1.65	4.78	5.96	.51	6.55	3.01	1.87	.32	37.14
74	.15	1.33	3.13	2.97	3.71	1.52	.37	5.31	6.56	4.64	1.75	1.16	32.60
75	2.10	2.64	1.72	1.57	.194	3.66	5.13	1.06	3.47	1.08	1.73	1.46	37.56
76	TRACE	.27	2.74	6.33	3.30	2.38	2.00	1.48	3.31	3.25	.15	.62	25.83
77	1.74	1.62	1.53	1.80	9.74	2.32	1.65	3.92	.81	1.34	1.30	.03	27.80
78	.71	2.15	1.45	.95	10.00	3.90	1.08	2.96	1.28	.23	3.40	.60	28.71
79	2.67	2.33	2.71	4.40	4.53	4.63	2.16	2.25	.37	.28	.99	2.84	30.16
80	1.93	.93	.58	1.20	5.81	1.02	.00	.91	1.42	.83	.80	2.27	17.70
81	.21	.91	2.24	3.35	3.51	7.41	2.92	4.47	2.13	8.66	1.77	.05	37.63
82	1.25	.73	2.03	1.47	13.91	3.80	3.38	.75	4.63	.58	2.45	.78	35.76
83	2.79	2.56	.36	.90	3.68	2.13	.07	2.63	.18	15.26	.80	.94	32.30
84	.04	.91	3.95	.70	.34	3.74	.18	1.27	1.48	4.59	3.56	7.93	28.69
85	.89	3.49	6.86	3.95	3.34	7.55	1.46	2.85	6.19	5.97	2.05	.20	44.80
86	.00	1.22	1.30	3.53	5.06	4.13	.34	1.28	6.81	9.74	4.04	1.22	38.67
87	1.92	4.08	1.37	.08	10.95	5.28	1.41	1.40	3.91	1.92	.76	2.78	35.86
88	1.57	.17	3.72	2.22	.36	1.15	1.32	1.40	6.10	.99	.77	1.09	20.86
89	1.41	2.54	2.19	.06	5.04	8.26	.79	2.15	5.06	.52	TRACE	.06	28.08
90	2.00	4.63	4.43	5.39	3.20	1.31	6.42	3.39	1.98	1.15	2.10	1.04	37.04
91	1.44	TRACE	1.81	2.44	6.92	3.08	2.83	4.14	9.27	3.91			35.84*

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 3909-4206,4408-9110
MONTH: ALL HOURS: ALL

[illegible]

THE GREATEST VALUE OF 15.26 OCCURRED ON 10/83

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 3909-4206,4408-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
39									TRACE	.97	.38	.24	.97*
40	.43	.77	TRACE	.85	.81	1.43	2.10	.86	.98	.78	1.63	.46	2.10
41	1.90	.60	.10	.93	1.67	2.60	.51	.69	2.62	1.71	.81	.65	2.62
42	.10	.80	.86	1.54	.95	3.00							3.00*
44								.35	.70	3.05	1.05	1.00	3.05*
45	1.52	1.41	1.19	1.46	.54	2.78	1.72	1.22	2.92	.53	.69	.04	2.92
46	.72	1.27	.93	.79	2.93	1.28	.24	2.00	1.48	.29	2.12	1.56	2.93
47	.32	.01	1.70	1.18	2.18	.47	.28	.14*	1.48	2.01	.67	2.10	2.18*
48	.09	1.08	1.31	1.98	1.06	1.17	.56	.79	.14	.25	.40	.10	1.98
49	1.38	.30	.96	1.86	1.05	1.39	.07	.53	1.60	1.46	.00	.32	1.86
50	.44	1.11	.05	1.20	2.98	3.47	.80	1.10	.55	.03	TRACE	TRACE	3.47
51	.21	.39	.52	1.20	6.01	2.02	1.24	.73	.39	1.84	.24	TRACE	6.01
52	.36	.67	.57	.79	6.94	1.49	3.45	.02	.10	.01	1.23	1.34	6.94
53	.38	1.30	2.25	.72	2.28	4.15	3.54	2.05	.23	7.33	1.04	2.24	7.33
54	.20	.37	.40	1.39	3.46	.76	.26	.85	.11	1.50	.23	.76	3.46
55	.55	.74	1.07	.31	3.83	1.65	.53	1.05	2.87	3.40	TRACE	.02	3.83
56	.32	.35	.17	.23	1.49	.42	1.13	1.00	TRACE	1.36	.74	1.32	1.49
57	.46	.41	1.34	2.36	4.03	1.12	.82	.37	2.22	1.66	.76	.57	4.03
58	1.38	.29	.97	.52	1.25	.99	1.01	.70	.90	.08	.49	.45	1.38
59	.90	.14	.27	1.07	2.14	.69	2.87	.81	2.03	2.56	2.60	1.34	2.87
60	.49	1.36	.61	.34	1.19	.61	1.28	.99	1.21	4.95	.21	.92	4.95
61	.10	.62	1.30	.25	1.90	1.52	1.46	.81	3.83	1.33	1.95	1.00	3.83
62	.20	.72	.83	2.36	1.86	3.24	2.32	.06	1.02	2.22	.90	1.58	3.24
63	.10	.24	1.33	2.52	1.09	1.18	.33	.23	.95	.06	1.79	.23	2.52
64	1.00	.91	.33	.38	1.45	1.50	.95	2.31	1.22	.51	1.68	.39	2.31
65	.69	.45	.64	.71	2.04	1.20	.20	1.07	1.25	2.37	TRACE	.42	2.37
66	.40	.30	.42	2.52	.53	1.97	.51	1.67	1.71	.56	.53	.91	2.52
67	.28	.11	.38	2.55	1.50	1.18	3.49	.53	1.17	1.33	.24	.27	3.49
68	2.11	.58	.34	.50	2.13	2.48	1.59	.28	1.83	.88	1.42	.73	2.48
69	.77	.80	1.12	.57	1.63	1.18	.39	2.14	2.85	.59	.17	.45	2.85
70	.08	.42	2.42	.70	1.42	.69	.50	.44	2.70	.26	.41	.39	2.70

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 3909-4206,4408-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
71	.20	1.15	.13	.71	2.46	1.47	3.42	1.60	1.35	.89	.53	.78	3.42
72	.02	.19	.28	2.30	1.32	.84	.36	1.23	1.60	3.14	1.02	.24	3.14
73	.98	.27	1.04	.81	.76	2.06	2.78	.28	2.27	.94	1.36	.31	2.78
74	.10	1.15	1.69	1.74	1.05	.71	.23	1.68	2.92	1.72	.55	.63	2.92
75	.93	.76	.35	.65	3.37	1.63	2.82	.56	1.97	.74	.95	.79	3.37
76	TRACE	.22	1.42	2.04	.59	1.43	1.51	.65	1.92	1.46	.11	.39	2.04
77	.60	1.44	.62	1.12	3.26	1.64	.77	1.80	.35	1.22	1.05	.02	3.26
78	.24	.75	1.35	.37	5.01	1.46	.72	2.17	.43	.15	1.00	.53	5.01
79	1.10	2.18	.80	2.05	1.45	1.62	.98	.73	.36	.13	.93	1.62	2.18
80	1.29	.57	.27	.52	2.18	.63	.00	.68	.74	.39	.32	1.83	2.18
81	.19	.39	.83	.67	1.15	2.16	2.28	1.30	1.38	3.29	.85	.02	3.29
82	.81	.33	.92	1.02	3.09	1.37	1.68	.65	3.55	.44	1.63	.59	3.55
83	1.76	1.96	.12	.71	1.34	.60	.06	1.74	.18	5.31	.35	.52	5.31
84	.02	.44	1.90	.42	.23	.97	.11	.35	1.30	1.56	2.66	3.02	3.02
85	.38	1.77	1.38	1.86	2.71	2.86	.88	1.60	2.18	1.81	1.03	.14	2.86
86	.00	.52	.65	.83	1.30	2.12	.17	.68	2.76	3.40	1.93	.33	3.40
87	1.45	1.48	.94	.05	4.98	2.00	.55	.77	1.56	1.88	.40	1.66	4.98
88	1.35	.17	2.31	.93	.33	.68	.65	.81	1.90	.89	.37	.38	2.31
89	.46	1.16	1.16	.06	2.22	2.30	.22	.67	1.39	.50	TRACE	.03	2.30
90	1.28	1.22	1.50	1.85	1.49	1.00	2.14	1.43	.72	.69	1.10	.44	2.14
91	.61	TRACE	.91	1.42	3.35	1.66	1.57	1.56	2.16	2.71			3.35*
.....													
GREATEST	2.11	2.18	2.42	2.55	6.94	4.15	3.54	2.31	3.83	7.33	2.66	3.02	7.33
.....													
TOTAL OBS	1550	1412	1550	1500	1550	1500	1519	1533	1530	1581	1500	1550	18275
.....													

THE GREATEST VALUE OF 7.33 OCCURRED ON 10/22/53

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 4601-9110
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	87.0	87.7	95.4	99.9	100.0	100.0	100.0	100.0	100.0	99.9	96.5	90.7	96.5
TRACE	8.8	7.9	3.2	.1						.1	2.6	7.0	2.4
0.1-0.4	.8	.8	.4								.3	.4	.2
0.5-1.4	1.4	1.8	.4								.4	.9	.4
1.5-2.4	.7	.8	.1								.1	.3	.2
2.5-3.4	.5	.6	.3									.5	.2
3.5-4.4	.4	.2	.1									.1	.1
4.5-6.4	.3	.2										.1	.0
6.5-10.4	.1		.1										.0
10.5-15.4	.1												.0
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	4.2	4.4	1.3								.9	2.3	1.1
TOTAL NO. OF OBSERVATIONS	1426	1299	1426	1380	1426	1380	1426	1425	1380	1426	1350	1392	16736

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 4601-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
46	1.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.4
47	5.3	TRACE	.5	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.6
48	2.2	2.7	6.4	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	11.3
49	14.7	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	14.7
50	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
51	TRACE	5.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	TRACE	6.1
52	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
53	3.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
54	3.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.6
55	4.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.5
56	TRACE	5.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.4
57	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	1.4
58	.4	4.2	9.8	.0	.0	.0	.0	.0	.0	.0	1.1	9.2	24.7
59	2.0	3.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.5
60	7.1	3.9	1.7	.0	.0	.0	.0	.0	.0	.0	.0	4.8	17.5
61	2.8	5.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.7	8.5
62	2.1	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.2	7.3
63	.2	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.6
64	TRACE	TRACE	3.3	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.3
65	.6	TRACE	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
66	8.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	8.8
67	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	1.0
68	TRACE	10.4	7.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	18.4
69	.0	1.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	6.5	11.7
70	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	TRACE	2.2	1.1	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1	6.4
72	TRACE	1.3	.0	.0	.0	.0	.0	.0	.0	.0	2.2	.4	3.9
73	5.5	3.2	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	8.7
74	1.9	TRACE	.3	.0	.0	.0	.0	.0	.0	.0	1.8	.5	4.5
75	TRACE	2.0	1.2	.0	.0	.0	.0	.0	.0	.0	TRACE	6.0	9.2
76	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.7	TRACE	.7
77	11.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	11.6
78	2.5	11.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.1	15.0
79	7.9	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	11.0
80	TRACE	1.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.6	.0	? 1

B - 3 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 4601-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
82	.0	3.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.5
83	5.8	3.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	8.8
84	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	4.4
85	4.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.0
86	.0	8.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	8.5
87	5.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	5.4	10.4
88	12.0	.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	12.7
89	5.0	TRACE	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.4
90	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.8	.8
91	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE			TRACE*
LEAST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
GREATEST	14.7	11.4	9.8	TRACE	.0	.0	.0	.0	.0	TRACE	2.2	9.2	24.7
MEAN	2.6	2.0	.8	TRACE	.0	.0	.0	.0	.0	TRACE	.2	1.2	6.9
MEDIAN	.5	.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.1
SD	3.664	2.772	2.074	.000	.000	.000	.000	.000	.000	.000	.512	2.169	5.463
TOTAL OBS	1426	1299	1426	1380	1426	1380	1426	1425	1380	1426	1350	1392	16736

THE GREATEST VALUE OF 14.7 OCCURRED ON 01/49

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 4601-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
46	1.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.5
47	3.2	TRACE	.3	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.2
48	1.3	2.5	3.9	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.9
49	6.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.2
50	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
51	TRACE	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.6	TRACE	3.9
52	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
53	3.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
54	2.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.0
55	2.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.5
56	TRACE	4.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.0
57	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	1.4
58	.4	3.0	9.8	.0	.0	.0	.0	.0	.0	.0	1.1	3.3	9.8
59	2.0	1.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.0
60	5.7	2.4	1.7	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.7
61	2.5	3.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.7	3.3
62	2.0	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.2	3.2
63	.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.4
64	TRACE	TRACE	3.3	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.3
65	.6	TRACE	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
66	4.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.0
67	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	1.0
68	TRACE	5.0	4.3	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	5.0
69	.0	1.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.2
70	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	TRACE	1.5	1.1	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1	3.1
72	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.4	1.5
73	3.4	1.9	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.4
74	1.0	TRACE	.3	.0	.0	.0	.0	.0	.0	.0	1.8	.5	1.8
75	TRACE	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.0	5.0
76	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.5	TRACE	.5
77	8.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	8.0
78	1.0	3.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.9
79	4.5	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.5
80	TRACE	1.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.6	.0	1.5

B - 3 - 3A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 4601-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
82	.0	1.8	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.8
83	2.8	3.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.0
84	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	3.8
85	4.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.0
86	.0	5.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.2
87	5.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.4	5.0
88	11.0	.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	11.0
89	4.0	TRACE	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.0
90	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.8	.8
91	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE			TRACE*
GREATEST	11.0	5.2	9.8	TRACE	.0	.0	.0	.0	.0	TRACE	1.8	5.0	11.0
TOTAL OBS	1426	1299	1426	1380	1426	1380	1426	1425	1380	1426	1350	1392	16736

THE GREATEST VALUE OF 11.0 OCCURRED ON 01/06/88

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

B - 3 - 3B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 3909-4206,4408-9110
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	86.5	89.8	97.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	99.2	94.4	97.3
TRACE	5.4	4.2	1.0	.1							.5	3.6	1.2
1	2.9	2.1	.6								.3	.7	.5
2	1.7	1.8	.1								.1	.5	.4
3	1.4	1.2	.1									.3	.2
4-6	1.7	.9	.3									.5	.3
7-12	.5												.0
13-24													
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	8.2	6.0	1.1								.3	1.9	1.4
TOTAL NO. OF OBSERVATIONS	1545	1406	1549	1500	1550	1500	1519	1549	1530	1580	1499	1546	18273

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 3909-4206,4408-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
39									0	0	0	0	0*
40	4	0	0	0	0	0	0	0	0	0	0	0	4
41	0	0	0	0	0	0	0	0	0	0	0	2	2
42	1	0	1	0	0	0							1*
44								0	0	0	0	0	0*
45	0	5	1	0	0	0	0	0	0	0	0	0	5
46	1	3	0	0	0	0	0	0	0	0	0	0	3
47	4	0	TRACE	0	0	0	0	0	0	0	0	TRACE	4
48	2	3	4	0	0	0	0	0	0	0	TRACE	0	4
49	6	5	0	0	0	0	0	0	0	0	0	0	6
50	0	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
51	TRACE	4	0	0	0	0	0	0	0	0	1	0	4
52	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
53	4	TRACE	0	0	0	0	0	0	0	0	0	0	4
54	1	0	1	0	0	0	0	0	0	0	0	3	3
55	5	0	TRACE	0	0	0	0	0	0	0	0	TRACE	5
56	0	3	0	0	0	0	0	0	0	0	0	0	3
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	TRACE	3	5	0	0	0	0	0	0	0	1	5	5
59	4	2	0	0	0	0	0	0	0	0	0	0	4
60	4	2	1	0	0	0	0	0	0	0	0	2	4
61	3	4	TRACE	0	0	0	0	0	0	0	0	TRACE	4
62	2	2	1	0	0	0	0	0	0	0	0	TRACE	2
63	TRACE	2	0	0	0	0	0	0	0	0	0	TRACE	2
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	1	0	0	0	0	0	0	0	0	0	0	0	1
66	5	1	0	0	0	0	0	0	0	0	0	0	5
67	0	0	0	0	0	0	0	0	0	0	0	1	1
68	0	5	4	0	0	0	0	0	0	0	0	1	5
69	0	1	2	0	0	0	0	0	0	0	0	2	2
70	1	0	TRACE	0	0	0	0	0	0	0	0	0	1

B - 4 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 3909-4206,4408-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
71	0	1	1	0	0	0	0	0	0	0	TRACE	3	3
72	TRACE	1	0	0	0	0	0	0	0	0	2	TRACE	2
73	4	1	0	TRACE	0	0	0	0	0	0	0	TRACE	4
74	TRACE	0	TRACE	0	0	0	0	0	0	0	1	TRACE	1
75	0	1	TRACE	0	0	0	0	0	0	0	TRACE	3	3
76	0	0	0	0	0	0	0	0	0	0	1	0	1
77	10	0	0	0	0	0	0	0	0	0	0	0	10
78	1	5	0	0	0	0	0	0	0	0	0	1	5
79	2	3	0	0	0	0	0	0	0	0	0	1	3
80	TRACE	2	0	0	0	0	0	0	0	0	TRACE	0	2
81	0	0	0	0	0	0	0	0	0	0	0	0	0
82	0	2	TRACE	0	0	0	0	0	0	0	0	TRACE	2
83	2	3	0	0	0	0	0	0	0	0	0	1	3
84	TRACE	0	0	0	0	0	0	0	0	0	0	4	4
85	2	3	0	0	0	0	0	0	0	0	0	2	3
86	0	4	0	0	0	0	0	0	0	0	0	0	4
87	5	0	0	0	0	0	0	0	0	0	0	4	5
88	12	TRACE	0	0	0	0	0	0	0	0	0	TRACE	12
89	5	0	1	0	0	0	0	0	0	0	0	TRACE	5
90	0	TRACE	0	0	0	0	0	0	0	0	0	1	1
91	TRACE	0	0	0	0	0	0	0	0	0			TRACE*
GREATEST	12	5	5	TRACE	0	0	0	0	0	0	2	5	12*
TOTAL OBS	1545	1406	1549	1500	1550	1500	1519	1549	1530	1580	1499	1546	18273

THE GREATEST VALUE OF 12 OCCURRED ON 01/07/88

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK

PERIOD OF RECORD: 4901-5206

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
48 ~ 49	JAN 09	JAN 10	JAN 11	MAR 09	JAN 28	FEB 08
49 ~ 50	DEC 21			MAR 12		
50 ~ 51	DEC 05	FEB 13	FEB 14	FEB 15	FEB 15	FEB 17
51 ~ 52	NOV 01	NOV 01	NOV 02	FEB 25	NOV 05	NOV 02
MEDIAN-DATE	DEC 13	JAN 10	JAN 11	MAR 03	JAN 28	FEB 08

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	CCCCC
PPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	CCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPP	AAAAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCC
PP	AA AA	RR RR	TT	CCCCC

C - 1 - 1

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. 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.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA 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).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

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

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

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 5209-5210,5305-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
52									NE *37	NNE 47			NNE*47
53					S *44	SW 47	NE 33	W 48	NE 42	NE 40	S 54	NW 53	S *54
54	N 52	NW 52	SSW 54	SSE 65	NW 75	SSE 55	N 58	SSE 43	SE 44	S 69	SSW 41	N 49	NW 75
55	N 53	N 61	N 63	SSE 55	NW 57	SE 61	S 42	WSW 60	ENE 42	NNE 45	NNE 58	W 45	N 63
56	NNE 38	NW 61	NNE 56	W 51	SW 46	N 40	NW 48	SE 40	SSW 40	S 41	N 46	NW 38	NW 61
57	N 38	NE 44	NW 41	SE 48	WSW 55	N 43	S 27	SSW 47	SSW 74	W 50	NNW 51	NNE*46	SSW*74
58	N *38	SSW*37	NNE 37	NNW 57	SSW 46	ENE 52	WSW 53	ENE 32	NE 44	SSW 40	NNE 43	NE 38	NNW*57
59	NNW 42	WSW 55	N 62	WNW 49	W *63	SSW*43	NNE 47	NNE 45	SE 31	N 40	NNW 44	NNW 30	W *63
60	WSW 44	SW 43	WNW 42	WNW 53	SSE 43	WNW 50	N 50	N 40	W 32	SW 43	N 43	NNW*48	WNW*53
61	N 48	NNE 35	WNW 46	NNW 46	NNE 49	N 44	ESE 34	N 45	N 43	SSE 36	NNW 38	N 42	NNE 49
62	N 43	N 43	SW 40	S 36	W 64	W 48	SSE 40	W 25	NNE 32	NNE 34	NNW 35	N *41	W *64
63	N 41	NNE 41	N 36	SSE 35	SE 39	N 45	N 35	N *37	N *37	N 37	N *43	NNW*43	N *45
64	NNW*41	WNW*42	NNW*38	NNW*60	SSW*57	S *35	ESE*42	N 39	NNE 38	S *39	N 37	N 35	NNW*60
65	N *41	N 52	N 36	WNW 37	S 47	SSW 57	N 34	W *54	N 37	NNE 34	W 48	NW *35	SSW*57
66	N *33	S *37	NW 53	SSE 44	N 41	W 70	ESE 27	NW 49	N 48	WNW 38	N 39	N 40	W *70
67	WSW 44	N 43	N 44	W 64	N 42	SW 42	WNW 39	N 30	ENE 33	NNE*37	S *26	NW 38	W *64
68	N 40	N 40	N 45	N 44	WSW 56	N 70	36/ 39	36/ 30	27/ 48	18/ 37	34/ 39	23/ 46	N 70
69	36/ 45	24/ 40	33/ 40	18/ 39	20/ 42	01/ 32	17/ 27	29/ 40	31/ 42	34/ 32	35/ 34	31/ 39	36/ 45
70	36/ 37	36/ 37	35/ 42	19/ 44	17/ 29	18/ 39	18/ 29	19/ 30	34/ 31	32/ 31	35/ 39	35/ 36	19/ 44
71	34/ 36	33/ 38	36/ 40	02/ 46	36/ 42	33/ 32	35/ 29	21/ 26	01/ 33	28/ 28	01/ 31	36/ 35	02/ 46
72	36/ 36	36/ 36	35/ 36	36/ 42	33/ 30	33/ 29	07/ 35	01/ 37	36/ 32	36/ 33	31/ 38	36/ 44	36/ 44
73	34/ 49	36/ 42	19/ 42	29/ 38	31/ 47	29/ 54	16/ 52	34/ 32	01/ 48	17/ 33	14/ 35	35/ 42	29/ 54
74	36/ 38	36/ 43	01/ 38	17/ 52	24/ 45	35/ 35	18/ 33	01/ 45	10/ 41	02/ 36	01/ 38	34/ 40	17/ 52
75	01/ 54	01/ 41	26/ 36	15/ 40	26/ 50	01/ 49	32/ 36	14/ 31	36/ 34	20/ 31	29/ 43	02/ 36	01/ 54
76	35/ 53	35/ 51	35/ 40	16/ 46	27/ 50	18/ 37	29/ 45	11/ 30	16/ 33	02/ 36	02/ 39	02/ 46	35/ 53
77	02/ 53	26/ 46	29/ 48	33/ 36	14/ 50	01/ 38	03/ 47	27/ 32	32/ 40	01/ 40	34/ 41	24/ 49	02/ 53
78	01/ 44	35/ 43	36/ 39	15/ 47	02/ 55	28/ 32	26/ 36	23/ 34	15/ 36	03/ 39	02/ 32	01/ 34	02/ 55
79	36/ 45	01/ 45	34/ 42	21/ 37	36/ 35	27/ 38	19/ 27	33/ 41	01/ 27	01/ 49	35/ 35	01/ 47	01/ 49
80	01/ 45	36/ 42	01/ 44	31/ 52	15/ 38	29/ 56	21/ 29	17/ 74	05/ 39	01/ 38	01/ 32	01/ 44	17/ 74
81	36/ 36	36/ 43	35/ 44	22/ 38	28/ 58	18/ 38	02/ 27	02/ 38	31/ 36	16/ 36	01/ 41	36/ 36	28/ 58
82	27/ 48	01/ 36	02/ 45	28/ 51	35/ 72	19/ 30	16/ 31	31/ 41	18/ 35	01/ 38	36/ 48	01/ 36	35/ 72
83	01/ 40	35/ 37	36/ 37	36/ 58	27/ 48	21/ 42	13/ 29	12/ 31	01/ 48	18/ 37	34/ 49	34/ 42	36/ 58
84	36/ 40	36/ 55	16/ 37	24/ 50	36/ 40	17/ 43	21/ 29	06/ 30	01/ 38	26/ 46	34/ 41	01/ 43	36/ 55
85	01/ 62	01/ 36	07/ 35	29/ 45	36/ 43	01/ 37	18/ 34	03/ 49	18/ 47	02/ 38	36/ 35	03/ 35	01/ 62

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 5209-5210,5305-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
86	03/ 34	36/ 39	25/ 40	36/ 45	34/ 41	04/ 39	02/ 49	36/ 47	15/ 42	36/ 39	02/ 40	32/ 31	02/ 49
87	33/ 35	26/ 37	34/ 38	03/ 42	18/ 38	36/ 40	02/ 40	27/ 36	30/ 35	03/ 34	02/ 34	01/ 33	03/ 42
88	33/ 33	01/ 40	01/ 36	35/ 36	15/ 33	36/ 37	30/ 32	18/ 40	30/ 42	03/ 33	28/ 49	03/ 35	28/ 49
89	26/ 36	36/ 34	36/ 45	18/ 39	33/ 41	32/ 52	33/ 28	20/ 27	29/ 41	18/ 45	02/ 39	02/ 42	32/ 52
90	03/ 34	33/ 36	30/ 49	34/ 50	14/ 37	18/ 44	03/ 30	05/ 42	11/ 31	35/ 32	35/ 39	35/ 35	34/ 50
91	36/ 41	22/ 35	23/ 42	36/ 36	30/ 40	07/ 40	05/ 30	02/ 42	01/ 35	34/ 31			23/*42
.....													
GREATEST	01/ 62 N	61 N	63 SSE	65 NW	75 W	70 N	58	17/ 74	SSW 74 S	69	NNE 58	NW 53	NW 75
.....													
TOTAL OBS	1150	1040	1161	1124	1161	1149	1185	1186	1169	1215	1108	1150	13798
.....													

THE PEAK WIND OF 75 FROM NW OCCURRED ON 05/23/54

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 5209-5210,5305-9110

MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN WIND	MEDIAN WIND	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
JAN	.1	3.0	15.2	23.2	22.8	16.7	10.5	4.3	3.7	.5	.0	22.2	21.0	1150
FEB	.0	1.7	12.4	20.6	23.5	18.8	12.0	6.3	3.9	.8	.0	23.6	23.0	1040
MAR	.0	.6	7.5	18.3	22.3	21.9	14.0	8.6	5.6	1.1	.0	25.6	25.0	1161
APR	.0	.4	7.7	17.6	23.8	21.3	14.4	7.3	6.0	1.3	.1	25.6	25.0	1124
MAY	.0	1.1	10.9	20.5	26.5	20.2	10.6	4.9	3.6	1.5	.2	23.8	23.0	1161
JUN	.0	1.7	13.1	25.6	24.3	19.5	7.8	3.8	3.0	.9	.2	22.5	21.0	1149
JUL	.0	.9	13.2	32.7	30.5	14.4	5.0	1.7	1.4	.3	.0	20.7	20.0	1185
AUG	.0	2.4	17.5	32.4	27.4	11.1	5.2	1.6	1.9	.3	.1	20.0	19.0	1186
SEP	.2	4.1	19.4	27.4	23.5	13.8	6.5	3.2	1.9	.0	.1	20.2	19.0	1169
OCT	.1	4.0	15.9	25.9	23.9	16.1	8.6	3.5	1.7	.2	.1	21.2	20.0	1215
NOV	.0	3.1	16.8	21.9	22.0	18.3	9.8	5.2	2.5	.3	.0	22.0	21.0	1108
DEC	.0	2.9	18.9	22.0	20.9	16.2	10.3	4.9	3.8	.2	.0	22.0	21.0	1150
ANNUAL	.0	2.2	14.1	24.1	24.3	17.3	9.5	4.6	3.2	.6	.1	22.4	21.0	13798

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.1	7.1	6.2	2.7	.3							23.4	8.2	8.0
020-040	2.7	5.1	2.9	1.2	.5	.3	.2					12.9	9.7	8.0
050-070	.9	.5	.3	.1								1.8	6.1	6.0
(E) 080-100	.8	.2										1.0	3.8	3.0
110-130	1.3	.8	.3									2.4	5.0	4.0
140-160	2.4	2.5	1.4	.4								6.7	7.0	6.5
(S) 170-190	3.7	4.6	1.8	.3								10.4	6.8	7.0
200-220	2.2	1.4	.6	.1								4.3	5.6	4.5
230-250	3.3	.5										3.9	3.0	2.0
(W) 260-280	1.1	.9										1.9	4.0	4.0
290-310	.6	.6	.1									1.4	5.5	5.0
320-340	2.2	1.4	1.4	.3	.2	.1						5.6	7.8	6.5
VARIABLE														
CALM	////////////////////////////////////											24.3	////////	
TOTALS	28.3	25.6	15.0	5.1	1.0	.4	.2					100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	7.6	9.5	6.6	3.9	1.5	.3	.1					29.5	9.3	8.0
020-040	1.8	4.5	2.4	.5	.6	.2	.2					10.3	9.8	8.0
050-070	.3	.4	.1		.1							1.0	7.7	6.0
(E) 080-100	.2	.2										.4	5.0	5.0
110-130	.5		.9									1.4	8.5	10.0
140-160	3.7	2.0	1.5	.1								7.3	6.1	4.5
(S) 170-190	3.0	3.3	1.9	.1								8.4	6.7	6.0
200-220	3.3	1.1	.4	.2								5.1	4.5	4.0
230-250	2.4	1.2	.3									3.9	4.3	3.5
(W) 260-280	1.2	1.0		.1								2.3	5.0	4.0
290-310	.8	.1	.1									1.0	4.9	4.0
320-340	1.5	2.3	1.7	.4								5.9	8.1	7.0
VARIABLE														
CALM	////////////////////////////////////											23.7	////////	
TOTALS	26.3	25.6	15.9	5.3	2.2	.5	.3					100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.8	9.8	7.6	4.5	1.2	.3	.2					30.4	9.6	8.0
020-040	3.1	3.4	3.1	1.1	.6	.3	.2					11.9	9.8	8.0
050-070	.5	.6	.1									1.3	4.9	5.5
(E) 080-100	.2	.3										.5	5.2	5.0
110-130	.3	.1	.3	.1								.9	7.4	7.5
140-160	2.9	2.6	1.6	.2	.1							7.4	6.9	7.0
(S) 170-190	4.1	4.0	1.7	.1								9.9	6.1	6.0
200-220	1.9	1.3	.1	.2								3.5	5.1	4.0
230-250	3.3	.9										4.2	3.6	4.0
(W) 260-280	1.2	1.0	.1									2.3	4.7	3.0
290-310	.4	.1	.4									1.0	6.1	6.0
320-340	1.0	1.9	2.0	.5								5.5	8.9	9.0
VARIABLE														
CALM	////////////////////											21.2	////////	
TOTALS	25.7	26.0	17.0	6.7	1.9	.6	.4					100.0	6.3	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	3.2	5.7	9.9	5.4	1.4	.4	.1					26.1	11.5	11.0
020-040	2.2	3.5	5.5	2.6	1.2	.1						15.1	11.1	10.0
050-070	.3	.8	.8	.2								2.0	8.9	9.0
(E) 080-100	.3	.5	.5									1.4	7.2	7.0
110-130	.5	.2	.2									1.0	5.6	2.0
140-160	1.5	3.0	2.0	1.1	.1							7.7	8.8	8.0
(S) 170-190	2.5	4.9	3.3	.6	.2							11.6	8.3	8.0
200-220	3.3	4.3	2.5	.3	.1							10.5	7.1	6.5
230-250	2.0	3.2	.9									6.1	6.2	6.0
(W) 260-280	1.1	1.0	.4									2.5	5.6	5.0
290-310	.6	.8	.3									1.7	6.0	5.5
320-340	1.0	1.5	1.5	.8	.1							4.8	9.2	8.0
VARIABLE														
CALM	////////////////////////////////////											9.4	////////	
TOTALS	18.5	29.4	27.8	11.0	3.1	.5	.1					100.0	8.5	9.0

TOTAL NUMBER OF OBSERVATIONS 930

C - 4 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	6.7	8.3	5.6	2.0	.4						24.1	12.3	12.0
020-040	1.3	3.8	4.5	3.4	1.1							14.1	11.7	12.0
050-070	1.0	1.0	1.2									3.1	7.5	8.0
(E) 080-100	.3	.1	.2									.6	5.5	5.0
110-130	.4	.5	.4									1.4	6.8	8.0
140-160	.8	1.9	2.0	1.8	.2							6.8	10.9	10.0
(S) 170-190	1.5	4.6	4.2	1.5	.2							12.0	9.6	9.0
200-220	1.8	5.9	6.7	1.8	.3							16.6	9.8	10.0
230-250	1.8	2.9	2.8	.5								8.1	8.1	8.0
(W) 260-280	.6	.3	.3	.3	.3							1.9	9.9	8.5
290-310	.3	.8	.4	.1								1.6	8.1	9.0
320-340	1.3	1.4	2.2	1.3	.3							6.5	10.5	10.0
VARIABLE														
CALM	////////////////////////////////////											3.2	////////////////////////////////	
TOTALS	12.2	29.9	33.2	16.3	4.4	.4						100.0	10.1	10.0

TOTAL NUMBER OF OBSERVATIONS 930

C - 4 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.9	5.2	6.0	6.1	1.1	.2	.2					20.8	12.0	12.0
020-040	1.9	3.9	6.5	2.3	.1	.1						14.7	10.4	11.0
050-070	1.8	1.2	1.0									4.0	6.2	6.0
(E) 080-100	.9	.9	.3	.1								2.2	6.0	5.5
110-130	.8	.6	.3									1.7	6.4	6.0
140-160	1.4	2.3	2.5	1.5	.1							7.7	9.8	10.0
(S) 170-190	1.8	4.8	5.1	2.5	.8							14.9	10.2	10.0
200-220	3.1	4.7	4.8	1.1								13.8	8.5	9.0
230-250	1.3	2.8	1.0									5.1	6.8	6.0
(W) 260-280	.9	1.1	.6	.5	.1							3.2	9.1	8.0
290-310	.5	.8	.9									2.2	7.8	7.5
320-340	.9	2.7	2.0	.9	.1							6.6	9.6	9.0
VARIABLE														
CALM	////////////////////////////////////										3.2	////////////////////////////////		
TOTALS	17.2	31.0	31.0	15.0	2.3	.3	.2					100.0	9.4	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: PORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.7	6.8	5.3	2.7	.8	.4	.1	.2				21.9	9.4	8.0
020-040	3.9	5.9	2.6	1.0	.2							13.5	7.7	7.0
050-070	1.5	.5	.2	.1								2.4	5.0	3.5
(E) 080-100	1.4	1.0										2.4	4.5	4.0
110-130	1.6	1.5	.4	.1								3.7	5.6	5.0
140-160	4.7	3.2	3.2	.5								11.7	7.0	6.0
(S) 170-190	4.3	4.6	3.9	.4	.1							13.3	7.4	7.0
200-220	2.0	2.3	1.2									5.5	6.4	6.0
230-250	1.6	.5										2.2	3.3	2.0
(W) 260-280	.9	.1										1.0	3.6	4.0
290-310	.8	1.0	.4	.2								2.4	7.2	6.0
320-340	2.9	1.1	.6	.3								4.9	5.8	4.0
VARIABLE														
CALM	////////////////////											15.2	////////	
TOTALS	31.3	28.5	17.8	5.3	1.1	.4	.1	.2				100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	7.8	9.5	4.2	2.6	1.2							25.3	8.1	7.0
020-040	2.5	4.5	3.3	1.0	.1		.1	.2				11.7	9.2	8.0
050-070	.6	.9	.2									1.7	6.3	7.0
(E) 080-100	.6	.3										1.0	3.9	3.0
110-130	1.3	1.1	.6	.2								3.2	7.2	6.5
140-160	2.6	3.3	2.4	.6								8.9	7.8	7.0
(S) 170-190	1.9	4.6	4.4	.5	.1							11.6	8.8	9.0
200-220	2.5	2.2	.9	.1								5.6	5.7	5.0
230-250	1.4	.5	.1									2.0	3.8	2.0
(W) 260-280	1.4	.8		.1								2.3	4.6	4.0
290-310	.4	.4	.3	.3								1.5	8.6	8.5
320-340	2.4	1.6	.8	.3	.1							5.2	6.8	5.5
VARIABLE														
CALM	////////////////////////////////////											20.0	////////////////////////////////	
TOTALS	25.4	29.7	17.2	5.7	1.5		.1	.2				100.0	6.2	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	5.2	7.5	6.8	4.2	1.2	.3	.1	.0				25.2	10.0	9.0
020-040	2.4	4.3	3.8	1.6	.6	.1	.1	.0				13.0	10.0	9.0
050-070	.9	.7	.5	.1	.0							2.2	6.6	6.0
(E) 080-100	.6	.4	.1	.0								1.2	5.3	4.5
110-130	.8	.6	.4	.1								1.9	6.4	6.0
140-160	2.5	2.6	2.1	.8	.1							8.0	7.9	7.0
(S) 170-190	2.8	4.4	3.3	.8	.2							11.5	8.1	8.0
200-220	2.5	2.9	2.2	.5	.1							8.1	7.5	7.0
230-250	2.2	1.6	.6	.1								4.4	5.5	5.0
(W) 260-280	1.0	.8	.2	.1	.1							2.2	6.1	5.0
290-310	.6	.6	.4	.1								1.6	7.0	6.0
320-340	1.6	1.7	1.5	.6	.1	.0						5.6	8.5	8.0
VARIABLE														
CALM	////////////////////////////////////											15.0	////////////////////////////////	
TOTALS	23.1	28.1	21.9	9.0	2.4	.4	.2					100.0	7.3	8.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	7.7	14.9	9.4	3.4	1.0						38.5	12.8	12.0
020-040	1.7	5.5	7.1	2.2	.2							16.8	10.1	10.0
050-070	1.0	1.7	1.1	.1								4.0	7.7	8.0
(E) 080-100	.7	2.4	.5									3.6	6.5	6.0
110-130	1.0	1.0	1.6	.2								3.9	8.4	9.0
140-160	.6	3.4	4.6	1.6	.2							10.4	10.9	10.0
(S) 170-190	.7	3.6	3.5	.4								8.2	9.1	9.0
200-220	.6	1.5	.5									2.6	7.0	8.0
230-250	.6	.5										1.1	4.0	4.0
(W) 260-280	.6	.5	.2									1.4	5.5	5.0
290-310	.1		.1	.1								.4	10.3	14.0
320-340	.7	1.6	1.2	.2								3.9	7.9	7.0
VARIABLE														
CALM	////////////////////											5.3	////////	
TOTALS	10.4	29.4	35.3	14.2	3.8	1.0						100.0	10.0	10.0

TOTAL NUMBER OF OBSERVATIONS 805

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	7.8	8.7	9.0	4.0	.7	.8						31.1	9.4	8.0	
020-040	1.4	3.7	4.3	1.5								10.9	9.6	10.0	
050-070	1.1	1.2										2.2	4.9	5.0	
(E) 080-100	.7											.7	3.0	3.0	
110-130	1.4	2.4	.5									4.3	6.3	6.0	
140-160	2.5	5.1	2.4	.5								10.4	7.4	6.5	
(S) 170-190	3.3	2.6	2.1									8.0	6.4	5.5	
200-220	1.8	1.1	.7									3.5	5.4	4.5	
230-250	2.5	.9										3.4	3.8	4.0	
(W) 260-280	.6	.2										.8	3.6	4.0	
290-310	.4	.8	.2									1.4	6.8	7.5	
320-340	2.2	1.9	.8	.1								5.1	5.9	5.0	
VARIABLE															
CALM	////////////////////////////////////												18.1	////////////////////////////////	
TOTALS	25.7	28.6	20.0	6.1	.7	.8						100.0	6.4	7.0	

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.0	9.2	8.3	4.6	.8	.7						30.6	9.6	9.0
020-040	2.2	3.2	3.9	1.1								10.4	8.7	9.0
050-070	1.1	.5	.1	.1								1.8	4.9	4.0
(E) 080-100	.9	.5	.1									1.5	4.6	3.0
110-130	1.9	.6	.6		.1							3.2	5.9	4.0
140-160	3.2	5.3	1.7	.1								10.3	6.3	6.0
(S) 170-190	2.0	1.9	1.2									5.1	6.4	6.0
200-220	1.4	2.0	.2									3.7	5.7	6.0
230-250	1.9	1.5	.2									3.7	4.7	4.0
(W) 260-280	.9	.5										1.4	3.8	3.0
290-310	.5	1.2										1.7	5.9	6.5
320-340	2.2	2.2	.8	.7	.1	.1						6.3	8.0	6.0
VARIABLE														
CALM	////////////////////											20.4	////////	
TOTALS	25.2	28.6	17.1	6.6	1.0	.8						100.0	6.2	7.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.7	9.8	9.7	4.0	.4	.4						31.9	9.1	8.0
020-040	3.4	3.5	4.8	.9	.1							12.9	8.3	9.0
050-070	.8	.6	.2									1.7	5.4	4.5
(E) 080-100	1.1	.8		.1								2.0	4.7	4.0
110-130	1.5	1.1	.2									2.8	4.8	4.0
140-160	3.1	5.1	2.2	.1								10.5	7.0	7.0
(S) 170-190	2.0	2.8	1.5	.1								6.5	7.0	7.0
200-220	1.7	.8										2.5	4.0	4.0
230-250	.9	.7	.4									2.0	5.3	5.0
(W) 260-280	.8	.2	.4	.1								1.5	6.8	4.0
290-310	.9	.7	.2	.5								2.4	7.8	6.5
320-340	2.6	2.6	.6	.6								6.4	6.5	6.0
VARIABLE														
CALM	////////////////////////////////////											16.9	////////////////////////////////	
TOTALS	26.5	28.7	20.2	6.4	.5	.4						100.0	6.4	7.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	6.0	11.1	6.9	1.2	.2						28.3	11.6	12.0
020-040	2.0	5.2	3.9	2.6	.6	.1						14.4	10.1	9.5
050-070	1.2	1.5	.1									2.8	5.3	5.5
(E) 080-100	.7	.2										.9	3.3	2.5
110-130	1.7	1.7	.6	.2								4.1	6.4	5.0
140-160	1.5	3.5	2.8	1.2	.2							9.3	9.4	9.0
(S) 170-190	2.0	5.0	5.4	2.0	.1							14.5	9.5	10.0
200-220	1.1	3.4	2.1	.2								6.9	8.0	7.0
230-250	1.2	1.8	.7	.1								3.8	7.0	6.5
(W) 260-280	.1	.9	.1									1.2	6.9	6.5
290-310	.5	.1	.7	.1	.1							1.5	10.2	12.0
320-340	1.1	2.2	1.3	1.1	.7							6.4	10.5	9.0
VARIABLE														
CALM	////////////////////											5.8	////////	
TOTALS	15.9	31.5	28.8	14.4	2.9	.3						100.0	9.2	9.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 5

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	5.7	10.8	5.3	2.1	.2						25.7	12.4	12.0
020-040	1.1	3.3	5.4	2.7	.4	.2	.1					13.2	11.6	12.0
050-070	.8	1.8	.1									2.7	5.5	5.0
(E) 080-100	.9	.9	.1									2.0	5.1	6.0
110-130	.2	1.1	.1	.1								1.5	7.1	8.0
140-160	.9	1.4	3.2	1.2	.4							7.1	11.0	11.0
(S) 170-190	2.0	4.0	7.0	5.0	.4							18.3	11.3	12.0
200-220	1.4	3.4	3.8	1.7	.4							10.6	10.1	10.0
230-250	.8	2.2	1.7	.4								5.1	8.3	8.0
(W) 260-280	.5	.7	.4	.2								1.8	7.8	7.0
290-310	.9	1.3	.6	.6								3.4	7.9	7.0
320-340	.9	1.2	2.0	1.3	.4							5.8	11.3	12.0
VARIABLE														
CALM	////////////////////											2.7	////////	
TOTALS	11.9	27.0	35.2	18.5	4.1	.4	.1					100.0	10.5	11.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	5.1	11.1	4.5	1.4	.1	.5					24.2	12.3	12.0
020-040	.9	3.9	6.7	3.0	.5							15.0	11.1	10.0
050-070	.6	.9	.5									2.0	6.6	7.0
(E) 080-100	.9	.8	.4									2.1	6.1	5.5
110-130	.8	2.2	.5	.4								3.9	7.4	7.0
140-160	.7	2.0	4.4	1.4	.2							8.7	10.9	11.0
(S) 170-190	1.8	3.9	5.7	4.4	.5							16.2	11.2	12.0
200-220	2.2	3.0	3.9	1.4	.1							10.6	9.4	10.0
230-250	1.5	1.9	.9	.1								4.5	6.5	6.0
(W) 260-280	.8	.8	.8									2.5	7.9	8.0
290-310	.2	.8	.7	.1								1.9	8.7	8.0
320-340	1.1	1.2	2.4	1.3	.1	.1						6.1	10.8	12.0
VARIABLE														
CALM	////////////////////											2.1	////////	
TOTALS	13.0	26.5	38.0	16.6	2.8	.2	.5					100.0	10.3	10.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64					
(N) 350-010	4.1	7.0	7.3	2.0	1.3	.4	.1					22.2	10.1	9.5	
020-040	2.6	5.7	6.0	2.1	.5							16.9	9.8	10.0	
050-070	1.9	1.2	.1									3.2	4.6	4.0	
(E) 080-100	1.5	1.2	.4									3.1	5.5	4.5	
110-130	1.9	1.9	.5	.2	.1							4.6	6.6	6.0	
140-160	3.9	5.4	4.1	1.1								14.5	7.9	8.0	
(S) 170-190	3.1	5.8	2.4	.8	.1							12.2	7.6	8.0	
200-220	2.4	1.5	.7									4.6	5.4	4.0	
230-250	1.1	.4										1.4	3.5	3.5	
(W) 260-280	.9	.1	.1	.1								1.3	4.7	3.0	
290-310	1.2	.4	.1	.1								1.8	5.4	4.0	
320-340	2.6	1.3	1.5	.1								5.6	6.5	5.0	
VARIABLE															
CALM	////////////////////////////////////											8.6	////////		
TOTALS	27.2	31.9	23.2	6.5	2.0	.4	.1					100.0	7.4	7.0	

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.4	7.9	6.6	2.7	.6	.4	.2					24.8	9.1	8.0
020-040	3.0	3.5	5.4	2.2	.2							14.4	9.6	10.0
050-070	1.3	.7										2.0	4.6	4.0
(E) 080-100	1.4	.8		.1								2.4	4.8	4.0
110-130	1.8	3.2	.9	.1								6.0	6.6	6.0
140-160	3.3	6.7	3.2	.6	.1							13.9	7.7	7.0
(S) 170-190	2.6	2.6	1.9	.4								7.4	7.1	6.0
200-220	.9	.7	.9									2.6	6.8	6.5
230-250	1.2	.4										1.5	3.4	3.0
(W) 260-280	.7	.1		.1								.9	4.3	2.0
290-310	1.1	.6	.4									2.0	5.4	4.0
320-340	2.1	1.7	1.9	.4								6.0	7.4	7.0
VARIABLE														
CALM	////////////////////											15.8	////////	
TOTALS	25.8	28.9	21.2	6.6	.9	.4	.2					100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.9	7.4	9.2	4.3	1.1	.4	.1					27.3	10.4	10.0
020-040	2.1	4.0	5.1	2.0	.3	.0	.0					13.5	9.9	10.0
050-070	1.1	1.0	.1	.0								2.3	5.2	5.0
(E) 080-100	1.0	.7	.1	.0								1.8	5.0	4.0
110-130	1.4	1.8	.5	.1	.0							3.8	6.4	6.0
140-160	2.4	4.3	3.0	.8	.1							10.6	8.2	8.0
(S) 170-190	2.3	3.6	3.4	1.6	.1							11.0	9.1	9.0
200-220	1.6	2.0	1.6	.4	.1							5.6	7.9	7.0
230-250	1.4	1.2	.5	.1								3.2	5.9	5.0
(W) 260-280	.7	.5	.2	.1								1.4	6.1	5.0
290-310	.7	.7	.4	.2	.0							2.0	7.3	6.0
320-340	1.9	1.8	1.4	.7	.2	.0						6.0	8.4	7.0
VARIABLE														
CALM	////////////////////////////////////											11.3	////////////////////////////////	
TOTALS	21.5	29.0	25.5	10.3	1.9	.4	.1					100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	8.9	20.7	9.8	2.4	.2	.3					45.4	12.2	12.0
020-070	1.6	6.3	6.0	4.1	.3	.1	.1					18.5	10.7	10.0
050-070	1.2	1.9	.3									3.4	6.1	6.0
(E) 080-100	.7	.7	.2									1.6	5.9	6.0
110-130	.9	3.5	.6									5.0	6.9	7.0
140-160	1.0	4.0	4.9	.5								10.3	9.4	10.0
(S) 170-190	.9	2.0	3.0	1.0	.1							6.9	9.9	10.0
200-220	.5	.4	.4									1.3	6.3	5.0
230-250	.4	.4										.8	4.5	4.5
(W) 260-280	.2			.1								.3	7.0	3.0
290-310	.2	.1										.3	5.0	4.0
320-340	.6	.9	.5	.7	.2							2.9	9.9	8.0
VARIABLE														
CALM	////////////////////											3.4	////	////
TOTALS	11.3	29.1	36.6	16.2	3.0	.3	.4					100.0	10.3	10.0

TOTAL NUMBER OF OBSERVATIONS 1009

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.0	5.2	5.3	1.9	1.3	.6						21.3	9.1	8.0
020-040	4.0	3.2	1.3	1.5	.2	.1						10.3	8.0	6.0
050-070	1.7	1.2	.5	.1								3.5	6.0	5.0
(E) 080-100	1.9	.4	.9									3.2	5.9	3.5
110-130	2.0	3.0	1.4	.2								6.7	6.8	6.5
140-160	3.8	5.9	3.3	.5								13.5	7.4	7.0
(S) 170-190	1.7	4.1	4.3	.6								10.8	8.9	9.0
200-220	1.9	1.2	.8	.2								4.1	6.3	5.0
230-250	1.9	.3		.1	.1							2.5	5.0	4.0
(W) 260-280	.8	.8	.6	.2								2.4	7.9	7.0
290-310	.8	.5	.4	.3								2.0	8.2	6.0
320-340	1.3	1.1	1.2	1.1	.2							4.8	10.0	10.0
VARIABLE														
CALM	////////////////////											14.8	////////	
TOTALS	28.8	26.9	20.0	6.7	1.8	.7						100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	8.2	7.0	4.7	4.8	1.3	.5	.1					26.7	9.4	8.0
020-040	3.0	3.1	2.5	.5	.1							9.2	7.7	7.0
050-070	1.2	.6	.4	.1	.1							2.5	6.9	5.0
(E) 080-100	1.0	1.0	.4									2.4	6.3	6.5
110-130	2.0	1.7	1.0									4.7	6.2	6.0
140-160	2.8	6.5	3.4	.3								13.0	7.4	7.0
(S) 170-190	2.9	3.7	2.7	.4								9.7	7.5	7.0
200-220	1.5	.9	.4									2.8	4.8	3.5
230-250	1.4	1.2	.3	.2								3.1	6.2	6.0
(W) 260-280	.9	.5	.5									1.9	6.9	6.5
290-310	.3	.6	1.1	.3								2.4	9.8	10.0
320-340	1.3	1.0	1.9	.6	.3							5.2	9.9	10.5
VARIABLE														
CALM	////////////////////////////////////										16.5	////////		
TOTALS	26.5	27.8	19.3	7.2	1.8	.5	.1					100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.7	7.5	5.4	3.4	1.4	.3						23.8	9.5	8.0
020-040	2.6	4.0	2.6	.6	.2	.1						10.1	8.4	8.0
050-070	2.3	1.4	.8	.2								4.6	6.0	5.0
(E) 080-100	1.0	1.1	.5									2.6	6.1	5.5
110-130	1.7	2.0	.8	.1								4.6	6.2	6.0
140-160	3.4	5.1	4.0	1.1								13.5	8.0	8.0
(S) 170-190	3.1	4.3	3.8	.1								11.3	7.5	7.0
200-220	2.0	.4	.2									2.7	4.1	4.0
230-250	1.4	1.2	.8									3.3	6.1	5.0
(W) 260-280	.8	1.3	.2									2.3	6.2	7.0
290-310	.3	.4	1.1	.3	.1							2.3	10.2	11.0
320-340	.9	1.7	1.9	.8	.1							5.4	9.8	10.0
VARIABLE														
CALM	////////////////////											13.5	////////	
TOTALS	25.2	30.4	22.1	6.6	1.8	.4						100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	1.0	4.1	7.6	3.5	1.8	.3	.1					18.5	12.6	12.0
020-040	1.5	2.7	3.4	2.0	.9	.1						10.6	11.3	11.0
050-070	1.1	2.6	1.5	.1								5.3	8.0	8.0
(E) 080-100	1.4	.5	.6									2.6	6.3	4.0
110-130	1.1	2.0	2.8	.6								6.6	9.4	10.0
140-160	1.3	3.7	6.0	1.5	.5							13.0	10.7	11.0
(S) 170-190	1.6	5.3	7.6	1.2	.1							15.8	10.0	10.0
200-220	1.2	3.4	3.3	1.4	.1							9.5	9.7	10.0
230-250	.4	1.6	1.7	.1	.1							4.0	8.9	8.0
(W) 260-280	.2	.9	1.1	.5	.1							2.8	11.0	10.5
290-310	.5	.5	.5	.3	.1							2.0	9.3	9.0
320-340	.5	1.2	2.6	1.8	.6							6.8	12.7	12.0
VARIABLE														
CALM	////////////////////////////////////											2.6	////////////////////////////////	
TOTALS	11.8	28.5	38.7	13.0	4.3	.4	.1					100.0	10.3	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	4.7	6.0	3.1	2.3	.5	.1					17.8	12.8	12.0
020-040	1.2	3.4	2.5	2.0	.3							9.5	10.3	10.0
050-070	.8	1.5	2.0	.3								4.6	9.0	10.0
(E) 080-100	.8	1.0	.8									2.5	6.9	6.0
110-130	1.0	1.8	2.6	.3								5.7	8.9	10.0
140-160	1.0	3.2	6.3	3.7	.3							14.5	11.8	12.0
(S) 170-190	1.1	3.8	7.5	3.0	.5							15.9	11.6	12.0
200-220	.9	3.4	4.4	2.4	.3							11.4	10.7	11.0
230-250	.4	1.9	1.4	.3	.6	.2						4.9	11.3	10.0
(W) 260-280	.2	.4	1.3	.3	.5							2.8	13.3	13.5
290-310	.3	.9	.3	.3	.1							1.9	9.7	8.5
320-340	.4	1.4	3.1	1.8	.2							7.0	11.9	12.0
VARIABLE														
CALM	////////////////////////////////////											1.4	////////	
TOTALS	9.2	27.4	38.2	17.5	5.1	.7	.1					100.0	11.1	11.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	4.1	5.7	4.0	1.7	.5	.1					17.3	12.6	12.0
020-040	.9	3.5	4.2	1.3	.1	.1						10.1	10.1	10.0
050-070	.9	1.8	1.0									3.7	7.1	6.0
(E) 080-100	.5	1.6	1.0	.1								3.2	8.1	8.0
110-130	1.1	2.0	2.0	.5	.1							5.8	9.0	9.0
140-160	1.6	4.2	6.2	4.1	.2							16.3	11.2	12.0
(S) 170-190	1.1	4.0	6.8	4.7	.3							16.9	11.7	12.0
200-220	1.1	2.4	3.4	1.9	.1							8.9	10.5	10.0
230-250		2.4	1.6	.3	.4	.1						4.8	10.4	10.0
(W) 260-280	.4	.9	1.2		.2	.2						2.9	10.8	10.0
290-310	.2	1.2	.6	.6	.2							2.9	10.8	10.0
320-340	.5	1.5	2.6	1.5	.1							6.2	11.2	12.0
VARIABLE														
CALM	////////////////////											.9	////////	
TOTALS	9.5	29.6	36.3	19.0	3.4	.9	.1					100.0	10.8	10.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	2.7	5.5	3.2	2.5	.9	.5						15.3	10.4	9.0
020-040	2.7	4.5	2.3	1.2	.3	.1	.1					11.2	8.7	8.0
050-070	2.8	2.0	.6									5.5	5.0	4.0
(E) 080-100	1.7	2.3	.9									4.8	6.1	5.0
110-130	1.9	4.0	3.3	.8	.1							10.1	8.7	8.0
140-160	4.2	5.7	6.5	1.5	.2							18.1	8.6	8.0
(S) 170-190	2.0	4.4	4.1	.2	.3	.1						11.2	8.8	9.0
200-220	2.5	1.5	.9	.1								4.9	5.7	4.5
230-250	.9	.6	.5	.1	.1							2.3	7.7	6.0
(W) 260-280	.5	.6	.3	.3	.1							1.9	8.9	7.5
290-310	.5	.4	.6	.3	.1							2.0	9.5	10.0
320-340	1.3	1.0	1.9	1.1	.2							5.5	10.4	11.0
VARIABLE														
CALM	////////////////////											7.2	////////	
TOTALS	23.7	32.5	25.1	8.1	2.3	.7	.1					100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	4.6	4.1	2.8	1.4	.6						18.4	10.2	9.0
020-040	2.7	3.4	2.2	1.4	.2							9.9	8.3	6.0
050-070	1.4	1.9	.3	.1								3.8	6.0	6.0
(E) 080-100	2.7	1.3	.5									4.5	4.9	4.0
110-130	2.7	3.4	3.4	.4								10.0	7.9	8.0
140-160	3.7	6.1	5.6	1.3								16.7	8.3	8.0
(S) 170-190	1.7	2.5	3.8	.9	.3							9.1	10.0	10.0
200-220	1.3	.3	.4	.2								2.3	6.0	4.0
230-250	1.1	.4	.1	.1								1.7	4.9	4.0
(W) 260-280	1.1	.2	.6									1.9	5.9	4.0
290-310	.4	.5	.4	.2	.1							1.7	8.6	8.5
320-340	1.6	.8	1.4	.4	.4	.1						4.7	9.8	9.5
VARIABLE														
CALM	////////////////////											15.3	////////	
TOTALS	25.2	25.4	22.8	7.8	2.4	.7						100.0	7.2	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	4.0	5.3	5.3	3.3	1.5	.5	.1					19.9	10.7	10.0
020-040	2.3	3.5	2.6	1.3	.3	.1	.0					10.1	9.1	8.0
050-070	1.5	1.6	.9	.1	.0							4.2	6.8	6.0
(E) 080-100	1.4	1.1	.7	.0								3.2	6.2	6.0
110-130	1.7	2.5	2.2	.4	.0							6.8	8.0	8.0
140-160	2.7	5.0	5.2	1.7	.2							14.8	9.2	9.0
(S) 170-190	1.9	4.0	5.1	1.4	.2	.0						12.6	9.7	10.0
200-220	1.5	1.7	1.7	.8	.1							5.8	8.6	8.0
230-250	.9	1.2	.8	.2	.2	.0						3.3	8.2	7.0
(W) 260-280	.6	.7	.7	.2	.1	.0						2.4	9.2	9.0
290-310	.4	.6	.6	.3	.1							2.2	9.6	10.0
320-340	1.0	1.2	2.1	1.1	.3	.0						5.7	10.8	11.0
VARIABLE														
CALM	////////////////////////////////////											9.0	////////	
TOTALS	19.9	28.4	27.9	10.8	3.0	.6	.1					100.0	8.5	9.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	4.7	9.3	6.3	2.9	1.1	.1					26.2	13.6	13.0
020-040	1.5	4.7	3.7	2.1	.1							12.2	9.7	9.0
050-070	1.5	1.4	1.6	.1								4.6	7.6	7.0
(E) 080-100	2.2	2.0	1.4									5.6	6.6	7.0
110-130	.9	4.3	6.6	.7	.1							12.7	9.9	10.0
140-160	1.9	5.2	7.4	4.5	1.0							20.0	11.5	12.0
(S) 170-190	1.6	3.0	2.2	.5	.4	.1						7.8	9.3	9.0
200-220	.2	.5	.5	.4								1.6	9.9	10.0
230-250	.1	.5	.2									.9	7.6	7.0
(W) 260-280	.1	.1	.6	.1								1.0	10.0	10.0
290-310		.4	.6	.2	.1							1.4	13.0	12.0
320-340	.1	.4	1.7	.6	.4							3.2	13.1	12.0
VARIABLE														
CA/M	////////////////////											3.0	////////	
TOTALS	11.8	27.2	35.8	15.5	5.0	1.2	.1					100.0	10.6	11.0

TOTAL NUMBER OF OBSERVATIONS 806

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.4	6.9	2.3	2.2	.7	.2						19.8	7.7	6.0
020-040	2.8	3.0	1.9	.7	.2	.1						8.7	8.0	6.0
050-070	.7	1.6										2.2	5.0	5.0
(E) 080-100	2.0	1.3	.1									3.4	4.5	4.0
110-130	2.2	2.6	1.4	.6								6.8	7.3	7.0
140-160	4.9	8.7	6.4	.4		.1						20.6	7.6	7.0
(S) 170-190	2.2	4.4	2.6	.6								9.8	7.6	7.0
200-220	.8	.4	.7	.2								2.1	7.5	6.0
230-250	1.3	.6										1.9	3.5	3.0
(W) 260-280	1.4	.9	.3									2.7	5.0	4.0
290-310	.9	.7	.4	.2	.2							2.4	8.5	7.0
320-340	3.0	2.2	.4	.6	.3							6.6	6.8	5.0
VARIABLE														
CALM	////////////////////////////////////											13.1	////////////////////////////////	
TOTALS	29.6	33.3	16.5	5.5	1.4	.4						100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.4	7.1	3.8	1.9	.3	.1						20.7	7.6	6.0
020-040	3.2	2.7	1.8	1.2	.1	.1						9.1	7.9	7.0
050-070	1.3	1.4										2.8	5.0	5.0
(E) 080-100	2.2	1.1	.1									3.4	4.3	4.0
110-130	2.1	1.6	.7									4.3	5.5	5.0
140-160	3.1	7.7	5.4	.7								16.9	8.1	8.0
(S) 170-190	3.0	3.6	2.1	.1	.1							8.9	6.9	6.0
200-220	1.2	1.2	.7	.2								3.3	6.5	5.0
230-250	1.2	.4										1.7	3.2	3.0
(W) 260-280	1.6	1.6	.3	.1								3.6	5.5	5.0
290-310	.3	1.1		.2		.1						1.8	8.1	6.0
320-340	2.6	2.2	1.3	1.3	.8							8.2	9.4	8.0
VARIABLE														
CALM	////////////////////////////////////											15.3	////////	
TOTALS	29.2	31.7	16.2	5.7	1.3	.3						100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.7	7.1	5.1	4.1	1.0	.2						23.2	9.5	9.0
020-040	2.6	4.4	1.7	.9	.7							10.2	8.5	7.0
050-070	1.2	1.6	.1									2.9	5.0	5.0
(E) 080-100	1.2	.8	.1									2.1	4.5	4.0
110-130	1.6	2.0	1.2	.3								5.1	7.2	6.0
140-160	3.6	6.6	4.9	.8	.1							15.9	8.0	8.0
(S) 170-190	2.8	4.4	3.7	.7								11.6	7.9	8.0
200-220	1.4	1.4	1.2	.2								4.3	7.4	7.0
230-250	2.1	1.9										4.0	4.8	4.0
(W) 260-280	.8	.9	.2									1.9	5.6	5.0
290-310	.4	.9	.7	.1								2.1	8.5	9.0
320-340	1.3	1.1	1.4	.8	.7							5.3	10.1	10.0
VARIABLE														
CALM	////////////////////											11.3	////////	
TOTALS	24.7	33.1	20.3	7.9	2.5	.2						100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	3.4	6.7	4.1	1.4	.3	.3					16.9	13.5	13.0
020-040	1.1	2.8	5.4	1.7	.2							11.2	10.7	11.0
050-070	.8	2.0	1.0	.1								3.9	7.3	7.0
(E) 080-100	.8	2.3	.2	.1								3.4	6.5	6.0
110-130	.9	3.1	1.4	.7	.3	.1						6.6	9.0	7.0
140-160	1.4	3.4	5.3	2.2	.1							12.6	10.5	11.0
(S) 170-190	2.3	4.3	7.6	3.1	.3							17.7	10.4	10.0
200-220	1.1	4.0	3.6	.6	.2			.1				9.6	9.1	9.0
230-250	1.7	3.6	1.7	.1	.1		.2					7.3	8.0	7.0
(W) 260-280	.4	.9	.7	.1								2.1	8.1	8.0
290-310	.3	.8	.9	.2								2.2	9.1	9.0
320-340	.4	1.6	2.0	1.1	.3							5.4	11.0	11.0
VARIABLE														
CALM	////////////////////											1.1	////////	
TOTALS	11.6	32.2	36.5	14.1	2.9	.4	.5	.1				100.0	10.2	10.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64					
(N) 350-010	.3	4.6	6.6	2.9	1.4	.3	.2					16.3	12.6	12.0	
020-040	.9	3.2	4.0	1.4	.2							9.8	10.4	10.0	
050-070	.7	1.8	.8		.1							3.3	7.5	6.0	
(E) 080-100	1.0	1.1	.7	.1								2.9	7.0	7.0	
110-130	1.0	1.9	2.3	.1								5.3	8.4	9.0	
140-160	.7	4.0	5.7	3.4	.9							14.7	11.7	11.0	
(S) 170-190	.9	4.9	6.8	5.3	.9							18.8	11.9	12.0	
200-220	.9	4.4	3.9	1.3		.1						10.7	9.7	9.5	
230-250	1.0	2.1	1.9	.6	.1	.2						5.9	9.6	9.0	
(W) 260-280	.4	.4	.7	.4		.1						2.1	11.0	11.0	
290-310	.9	.9	.8	.7		.1						3.3	9.3	8.5	
320-340	.6	1.9	2.2	1.3	.4							6.4	11.1	10.0	
VARIABLE															
CALM	////////////////////////////////////											.4	////////////////////////////////		
TOTALS	9.3	31.2	36.4	17.5	4.0	.8	.2					100.0	10.8	10.0	

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	4.4	6.2	2.9	.7							15.3	11.2	12.0
020-040	.8	3.8	3.6	2.2	.2							10.6	10.6	10.0
050-070	1.0	1.9	.7		.1							3.7	7.3	7.0
(E) 080-100	.8	1.4	.6									2.8	6.6	6.0
110-130	.8	2.6	3.2	.7		.1						7.3	9.7	10.0
140-160	1.0	3.4	6.8	5.1	1.4							17.8	12.5	13.0
(S) 170-190	.9	4.6	6.9	3.7	1.2							17.2	11.6	12.0
200-220	1.0	2.8	2.9	.6	.1							7.3	9.1	8.5
230-250	1.0	2.3	.8	.2								4.3	7.2	7.0
(W) 260-280	.7	1.3	1.7		.1							3.8	9.3	9.0
290-310	.6	.6	.9	.7	.4		.1					3.2	12.2	12.0
320-340	.8	1.0	2.3	.8	.2		.1	.2				5.4	12.0	11.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////////////////////////////	
TOTALS	10.5	30.1	36.6	16.9	4.4	.1	.2	.2				100.0	10.6	10.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	6.3	3.3	1.4	.7							14.9	8.6	7.0
020-040	2.9	7.1	3.2	.7								13.9	7.5	7.0
050-070	1.8	.9	.4	.1								3.2	5.6	4.0
(E) 080-100	1.4	1.0	.8									3.2	5.9	6.0
110-130	2.2	3.9	3.6	.7	.1							10.4	8.4	8.0
140-160	4.9	7.4	9.7	3.0	.4	.1						25.6	9.6	10.0
(S) 170-190	2.3	4.0	2.4	1.0	.1							9.9	8.2	8.0
200-220	.9	1.6	.1	.1								2.7	6.0	6.0
230-250	1.7	1.1	.1	.1	.1							3.1	5.5	4.0
(W) 260-280	.3	.9	.1									1.3	6.0	5.0
290-310	.3	.2	.7	.1	.1							1.4	9.8	10.0
320-340	1.8	1.4	1.6	.6	.1	.1	.1					5.7	8.8	8.0
VARIABLE														
CALM	////////////////////////////////////											4.7	////////////////////////////////	
TOTALS	23.6	35.8	26.0	7.8	1.6	.2	.1					100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.0	6.8	3.2	1.1	.8	.1						17.0	7.9	7.0
020-040	2.1	4.7	1.7	.3	.4							9.2	7.7	6.0
050-070	2.0	1.3	.3									3.7	4.8	4.0
(E) 080-100	2.4	1.6	.7									4.7	5.3	4.0
110-130	2.8	4.2	2.8	1.0	.1							10.9	8.1	8.0
140-160	4.8	9.4	8.0	1.4	.4							24.1	8.5	8.0
(S) 170-190	1.8	2.6	1.9	1.2	.1	.1						7.7	9.2	8.0
200-220	1.1	.8	.3									2.2	5.0	4.5
230-250	1.0	.2	.1									1.3	3.9	2.5
(W) 260-280	.9	.3	.1									1.3	4.4	3.5
290-310	.7	.7	.3	.1	.1							1.9	7.4	7.0
320-340	1.9	1.7	.9	.2	.1							4.8	7.0	6.0
VARIABLE														
CALM	////////////////////											11.2	////////	
TOTALS	26.5	34.3	20.3	5.3	2.0	.2						100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		3.8	5.8	4.7	2.6	.9	.2	.1					18.0	9.7	9.0
020-040		2.0	4.0	2.9	1.1	.3	.0						10.3	8.9	8.0
050-070		1.2	1.6	.4	.0	.0							3.2	6.0	5.0
(E) 080-100		1.5	1.3	.4	.0								3.2	5.6	5.0
110-130		1.7	2.7	2.1	.5	.1	.0						7.1	8.1	8.0
140-160		3.0	6.3	6.5	2.1	.4	.0						18.5	9.4	9.0
(S) 170-190		2.0	4.1	4.2	2.0	.3	.0						12.7	9.7	10.0
200-220		1.1	2.1	1.7	.4	.0	.0		.0				5.3	8.4	8.0
230-250		1.4	1.5	.6	.1	.0	.0	.0					3.7	6.8	6.0
(W) 260-280		.8	.9	.5	.1	.0	.0						2.3	7.1	6.0
290-310		.6	.7	.6	.3	.1	.0	.0					2.3	9.3	8.0
320-340		1.5	1.6	1.5	.8	.4	.0	.0	.0				6.0	9.5	9.0
VARIABLE															
CALM		////////////////////////////////////										7.3	////////		
TOTALS		20.6	32.6	26.1	10.0	2.5	.2	.1					100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	2.2	2.6	3.4	3.4	3.9	.2						15.7	13.3
020-040	2.4	3.4	3.2	.9	.4							10.3	9.5
050-070	2.8	2.6	.6									6.0	5.2
(E) 080-100	2.2	2.2	.4									4.7	5.3
110-130	1.5	2.6	5.4	1.3								10.8	9.8
140-160	3.2	7.5	11.4	3.2	.2							25.6	9.9
(S) 170-190	1.3	3.0	4.1	1.5								9.9	10.0
200-220	.4	1.1	.4	.4		.2		.2				2.8	12.2
230-250	.6	.4	.4		.2	.4						2.2	12.0
(W) 260-280	.6	.2	.2			.2						1.3	8.7
290-310	.4	.4			.4	.2	.2					1.7	14.5
320-340	.9	.6	.9	.6	.4	.2						3.7	11.1
VARIABLE													
CALM	////////////////////										5.4	////////////////	
TOTALS	18.5	26.6	30.4	11.3	5.5	1.4	.2	.2				100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 465

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	7.1	3.8	2.3	.9	.2							14.2	6.5	4.5
020-040	2.7	3.1	1.9	.5								8.3	7.2	6.0
050-070	1.8	1.0	.2	.2								3.2	5.6	4.0
(E) 080-100	1.7	.8	.6									3.1	5.6	4.0
110-130	3.5	4.0	1.9									9.5	6.4	5.5
140-160	5.2	12.8	6.9	.4	.1							25.4	7.6	7.5
(S) 170-190	2.4	6.2	3.2	.6								12.5	7.9	8.0
200-220	1.0	1.1	.5	.2								2.8	7.0	7.0
230-250	1.2	.3	.1									1.6	3.7	3.0
(W) 260-280	.9	.4	.3									1.6	5.0	4.0
290-310	.3	.8	.5	.1								1.7	8.1	9.0
320-340	1.7	1.4	.8	.2								4.1	6.7	5.5
VARIABLE														
CALM	////////////////////////////////////											12.0	////////////////////////////////	
TOTALS	29.5	35.7	19.2	3.1	.3							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	8.0	6.9	2.7	1.2								18.7	6.3	5.0
020-040	3.1	2.4	1.5	.4								7.4	6.8	6.0
050-070	1.5	.8	.5									2.8	5.1	4.0
(E) 080-100	1.5	1.2	.3									3.0	5.2	4.5
110-130	3.1	4.0	1.2	.2								8.5	6.2	5.0
140-160	6.3	10.6	4.4	.5	.1							22.0	6.8	6.0
(S) 170-190	2.5	5.1	4.0	.3								11.8	7.9	8.0
200-220	1.1	.8	.5	.2								2.6	7.1	6.0
230-250	1.6	.3										1.9	3.6	3.0
(W) 260-280	.6	.5	.1									1.3	4.8	4.5
290-310	.2	.3	.4									1.0	7.6	9.0
320-340	1.3	1.9	.6									3.9	5.8	5.5
VARIABLE														
CALM	////////////////////////////////////											15.1	////////////////////////////////	
TOTALS	30.8	34.8	16.2	2.8	.1							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	5.9	5.8	3.5	.5	.4							16.2	7.1	6.0	
020-040	3.3	3.0	2.4	.9								9.6	7.3	6.0	
050-070	1.6	1.4	.5	.1								3.7	5.9	5.5	
(E) 080-100	1.5	1.3	.2									3.0	4.9	4.5	
110-130	2.3	4.4	1.5	.1								8.3	6.6	6.0	
140-160	3.5	9.4	6.5	1.0								20.3	8.1	8.0	
(S) 170-190	2.5	6.0	5.4	.6								14.5	8.5	8.0	
200-220	1.5	2.4	1.0	.3								5.2	6.9	6.0	
230-250	1.2	.9	.3									2.4	5.4	4.5	
(W) 260-280	.5	.8	.2									1.5	6.2	6.5	
290-310	.8	.4	.5	.1								1.8	7.2	8.0	
320-340	1.2	2.0	.8	.1								4.1	6.7	6.0	
VARIABLE															
CALM	////////////////////////////////////												9.5	////////	
TOTALS	25.8	37.8	22.8	3.7	.4							100.0	6.6	7.0	

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	3.0	3.7	1.7	.4							10.0	10.3	10.0
020-040	1.6	4.2	3.9	.8	.1							10.5	8.8	9.0
050-070	1.5	2.7	1.3	.3								5.8	7.5	7.0
(E) 080-100	1.2	2.2	1.2									4.5	7.3	7.0
110-130	1.8	1.8	2.8	.1								6.6	8.1	9.0
140-160	1.6	3.8	8.3	1.1								14.7	9.8	10.0
(S) 170-190	2.0	4.1	10.2	4.3								20.6	11.0	12.0
200-220	1.3	4.0	4.8	1.4								11.5	9.7	10.0
230-250	1.2	2.2	1.7	.3								5.4	8.2	7.0
(W) 260-280	.8	.9	.6	.2								2.5	7.7	9.0
290-310	.5	.4	.6									1.6	7.4	6.0
320-340	.6	1.2	1.5	.3	.2							3.9	9.6	10.0
VARIABLE														
CALM	////////////////////											2.4	////////	
TOTALS	15.3	30.5	40.6	10.5	.7							100.0	9.2	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	2.6	2.3	2.0	.3							8.5	10.5	10.0
020-040	1.1	5.3	3.1	.3	.2							10.0	8.8	8.0
050-070	1.2	3.3	1.1									5.6	6.8	6.0
(E) 080-100	1.3	2.6	1.0									4.8	6.5	6.0
110-130	1.2	3.3	3.7	.8	.2							9.1	9.6	10.0
140-160	.5	4.6	6.6	2.3	.2							14.2	11.0	11.0
(S) 170-190	1.5	5.1	10.2	5.1	.4							22.3	11.4	12.0
200-220	.9	4.2	4.2	1.5								10.8	10.0	10.0
230-250	.8	2.6	1.3	.3								4.9	7.9	7.0
(W) 260-280	.4	1.1	1.2	.3								3.0	9.6	9.5
290-310	.2	.5	.6									1.4	8.7	9.0
320-340	.4	1.6	1.6	.6	.1							4.4	10.0	10.0
VARIABLE														
CALM	////////////////////											1.0	////////	
TOTALS	10.8	36.8	36.9	13.2	1.4							100.0	9.8	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 15-17

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.5	2.8	3.3	1.5	.1							9.2	9.7	10.0
020-040		1.3	3.3	3.4	.4								8.5	8.8	9.0
050-070		1.1	4.2	.8									6.0	6.9	7.0
(E) 080-100		.9	2.0	2.0									4.9	7.7	8.0
110-130		1.1	4.6	3.9	1.1								10.6	9.3	9.0
140-160		1.0	5.1	10.2	5.6	.9							22.7	12.0	12.0
(S) 170-190		.2	4.8	7.0	5.6	.3							18.0	12.4	13.0
200-220		1.5	2.2	2.6	.4	.1							6.8	8.6	8.0
230-250		.5	1.7	1.5	.5								4.3	9.2	9.0
(W) 260-280		.5	1.0	.9	.1								2.5	8.3	8.0
290-310		.1	.8	.5	.1								1.5	8.7	7.5
320-340		.6	1.2	1.1	.5								3.4	9.3	9.0
VARIABLE															
CALM		////////////////////////////////////											1.5	////////	
TOTALS		10.3	33.7	37.2	15.8	1.4							100.0	10.0	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.8	3.0	2.0	.9	.1	.1						8.0	8.5	7.0
020-040	3.1	4.8	2.9	.3	.1							11.3	7.3	7.0
050-070	2.8	2.8	.4	.1								6.1	5.8	5.0
(E) 080-100	2.4	4.1	1.6	.1								8.2	6.7	6.0
110-130	1.3	7.1	5.6	.9		.1						14.9	8.9	9.0
140-160	2.9	10.6	10.6	3.7	.3							28.2	9.8	10.0
(S) 170-190	1.2	4.2	4.8	2.0								12.3	10.2	10.0
200-220	.5	1.2	.4	.1								2.3	6.9	6.0
230-250	.4	1.1	.3									1.8	6.6	7.0
(W) 260-280	.6	.6	.4									1.7	6.6	7.0
290-310	.2	.4	.3									1.0	7.4	8.0
320-340	.3	1.2	.5	.3	.1							2.5	9.8	9.0
VARIABLE														
CALM	////////////////////////////////////											1.8	////////////////////////////////	
TOTALS	17.5	41.1	29.8	8.4	.6	.2						100.0	8.4	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.1	2.9	1.6	.6	.1		.1					10.4	6.3	5.0
020-040	3.5	3.3	2.0	.2								9.1	6.3	5.0
050-070	1.7	1.7	.2	.1								3.8	5.3	5.0
(E) 080-100	1.8	1.8	.4									4.1	5.5	5.0
110-130	3.4	7.3	3.9	.6	.2							15.5	7.8	7.0
140-160	5.9	12.9	7.5	2.4								28.7	8.2	8.0
(S) 170-190	2.6	4.4	3.4	.5								11.0	8.1	8.0
200-220	1.0	.9	.6									2.5	6.6	6.0
230-250	.4	.3										.8	4.4	4.0
(W) 260-280	.3	.3										.6	4.8	5.0
290-310	.4	.8	.6									1.8	6.9	7.0
320-340	.6	1.2	.6	.1								2.6	7.8	7.5
VARIABLE														
CALM	////////////////////											9.1	////	////
TOTALS	26.7	37.8	20.8	4.5	.3		.1					100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		4.0	3.8	2.7	1.2	.2	.0	.0					11.9	7.8	6.5
020-040		2.5	3.7	2.6	.5	.1							9.3	7.7	7.0
050-070		1.7	2.2	.6	.1								4.6	6.3	6.0
(E) 080-100		1.5	2.0	.9	.0								4.5	6.4	6.0
110-130		2.2	4.6	3.1	.5	.1	.0						10.4	8.0	8.0
140-160		3.4	8.7	7.6	2.1	.2							22.0	9.0	9.0
(S) 170-190		1.9	5.0	6.0	2.4	.1							15.4	10.0	10.0
200-220		1.1	2.1	1.8	.5	.0							5.5	8.6	8.0
230-250		.9	1.2	.7	.1								2.9	7.1	6.0
(W) 260-280		.6	.7	.5	.1								1.8	7.2	7.0
290-310		.3	.6	.5	.0								1.5	7.7	8.0
320-340		.9	1.5	.9	.3	.1							3.6	8.1	8.0
VARIABLE															
CALM		////////////////////////////////////										6.5	////////////////////////////////		
TOTALS		21.0	36.1	27.9	7.8	.8							100.0	7.8	8.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: PORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	5.6	3.3	3.4	.4							14.3	10.1	9.0
020-040	2.2	4.9	5.6	2.2								14.9	9.5	10.0
050-070	1.8	2.9	.9	.4								6.0	7.0	7.0
(E) 080-100	2.0	2.4	1.8									6.2	6.7	6.0
110-130	2.2	5.8	5.6	.4	.2							14.1	8.6	9.0
140-160	1.4	13.6	8.2	1.1								24.3	8.8	9.0
(S) 170-190	.9	4.0	3.1	.9								8.9	8.9	9.0
200-220	.7	1.1	.5									2.4	6.3	5.0
230-250	.4	.2										.5	3.7	4.0
(W) 260-280		.5	.2									.7	8.5	8.5
290-310		.5	.2									.7	7.0	6.5
320-340	.7	1.3	.2	.2								2.4	7.4	8.0
VARIABLE														
CALM	////////////////////////////////////											4.7	////////////////////////////////	
TOTALS	13.9	42.8	29.6	8.6	.6							100.0	8.3	9.0

TOTAL NUMBER OF OBSERVATIONS 552

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	1.7	1.3	.3	.2							7.4	6.1	4.0
020-040	4.3	1.9	.9	.3								7.4	5.6	4.0
050-070	2.1	1.2	.4	.2								4.0	5.8	4.0
(E) 080-100	2.3	.9	.2	.1								3.6	4.9	4.0
110-130	5.2	2.1	.8									8.1	4.4	4.0
140-160	10.1	11.8	6.4	.7								29.0	6.7	6.0
(S) 170-190	3.9	7.2	3.9	.4								15.4	7.4	7.0
200-220	1.1	.8	.9	.1								2.9	7.4	6.5
230-250	.4	.1	.1									.7	4.7	2.5
(W) 260-280	.4	.2										.7	3.8	2.5
290-310	.6	.1	.1									.8	4.9	3.0
320-340	1.3	.6	.4	.1								2.4	6.3	4.0
VARIABLE														
CALM	////////////////////////////////////											17.6	////////////////////////////////	
TOTALS	35.6	28.6	15.4	2.2	.2							100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.7	3.9	1.2	.4								13.2	5.2	4.0
020-040	3.0	1.4	.3	.2								5.0	5.2	4.0
050-070	2.6	.6	.4	.1								3.7	4.8	4.0
(E) 080-100	1.1	.8	.2	.1								2.2	5.8	4.5
110-130	3.7	1.8	.3	.1								5.9	4.5	4.0
140-160	9.4	9.2	3.3									22.0	5.8	6.0
(S) 170-190	5.6	6.0	2.8	.3								14.7	6.5	6.0
200-220	2.1	1.8	.6									4.4	5.4	5.0
230-250	1.0	.7	.1									1.8	4.4	4.0
(W) 260-280	.7	.7	.1									1.4	4.8	5.0
290-310	.2	.2	.1									.6	6.0	6.0
320-340	1.2	.3	.4	.1								2.1	5.8	4.0
VARIABLE														
CALM	////////////////////											23.0	////////	
TOTALS	38.3	27.4	9.8	1.3								100.0	4.3	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	5.2	2.2	.1								12.2	6.2	6.0
020-040	2.9	2.4	1.6									6.9	6.2	5.0
050-070	1.4	1.4	.2									3.1	4.6	5.0
(E) 080-100	1.4	.7	.1									2.2	4.3	4.0
110-130	3.6	1.9	.3	.1								5.9	4.7	4.0
140-160	6.4	8.0	3.3	.3								18.1	6.5	6.0
(S) 170-190	5.4	10.2	5.8	.7								22.1	7.4	7.0
200-220	2.2	3.7	.9	.1								6.9	6.4	6.0
230-250	1.0	.9	.1									2.0	4.8	4.5
(W) 260-280	.7	.4	.1									1.2	4.9	4.0
290-310	1.1	.1										1.2	2.8	2.0
320-340	.7	.6	.1									1.3	4.9	4.5
VARIABLE														
CALM	////////////////////											16.8	////////	
TOTALS	31.5	35.5	14.7	1.3								100.0	5.2	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	2.6	1.8	.7	.1							6.3	8.6	8.0
020-040	1.9	3.8	2.2	.3	.1							8.3	7.9	8.0
050-070	1.4	3.4	.4									5.3	5.7	5.0
(E) 080-100	1.7	1.6	.2									3.4	5.2	5.0
110-130	1.9	2.3	.1									4.3	5.0	5.0
140-160	3.1	5.6	2.6	.9								12.1	7.4	7.0
(S) 170-190	3.3	9.3	9.4	2.8	.4							25.3	9.5	9.5
200-220	2.7	8.8	6.2	.7								18.3	8.6	8.0
230-250	2.1	3.7	1.4									7.2	6.2	6.0
(W) 260-280	1.2	.9	.8									2.9	6.0	5.0
290-310	.7	.3										1.0	4.6	4.0
320-340	.7	.9	.3									1.9	6.2	5.0
VARIABLE														
CALM	////////////////////											3.4	////	////
TOTALS	21.9	43.2	25.4	5.4	.6							100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION ---
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	3.1	1.9	.2	.1							6.6	7.7	7.0
020-040	1.3	4.2	1.8	.2	.2							7.8	8.1	8.0
050-070	.8	3.8	.6	.2								5.3	7.0	7.0
(E) 080-100	1.3	2.7	.4	.2								4.7	6.5	6.0
110-130	1.2	3.2	.9									5.3	6.5	6.0
140-160	3.1	8.0	6.7	1.1	.1							19.0	8.7	8.0
(S) 170-190	2.4	8.6	10.9	4.1	.1							26.1	10.2	10.0
200-220	2.4	5.1	4.9	.9								13.3	8.6	8.0
230-250	1.4	2.0	.8	.1								4.3	6.7	7.0
(W) 260-280	.6	1.0	.2									1.8	5.5	6.0
290-310	.3	.7										1.0	4.7	5.0
320-340	.7	1.2	.8	.1								2.8	7.4	7.0
VARIABLE														
CALM	////////////////////											2.0	////	////
TOTALS	16.7	43.6	29.9	7.1	.5							100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	2.1	1.9	.2	.2							5.6	9.0	9.0
020-040	1.6	2.4	2.6	.1								6.7	8.1	8.0
050-070	2.3	3.9	1.4	.1								7.8	6.6	6.0
(E) 080-100	1.4	3.4	1.0									5.9	6.6	6.0
110-130	1.7	6.1	3.6	.1								11.5	8.0	8.0
140-160	1.4	8.0	12.1	2.6	.1							24.2	10.2	10.0
(S) 170-190	1.4	4.9	11.3	4.1	.3		.2					22.4	11.4	11.0
200-220	1.0	3.2	2.3	.7								7.2	8.8	8.0
230-250	1.1	.8	.3									2.2	5.5	4.5
(W) 260-280	.3	1.0										1.3	5.0	5.0
290-310	.4	.4	.1	.1								1.1	6.2	5.0
320-340	.4	1.0	.3									1.8	6.8	6.0
VARIABLE														
CALM	////////////////////											2.3	////////	
TOTALS	14.1	37.2	36.9	8.0	.6		.2					100.0	8.9	9.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	1.4	1.3	.3	.2							4.2	8.8	8.0
020-040	1.6	3.0	1.7	.2								6.4	7.2	6.5
050-070	2.8	3.0	.6		.1							6.4	5.7	5.0
(E) 080-100	4.1	4.7	.9	.2								9.9	5.6	5.0
110-130	4.9	6.4	2.7	.1								14.1	6.4	6.0
140-160	4.4	14.1	11.9	3.4	.1							34.0	9.1	9.0
(S) 170-190	1.9	5.2	7.9	1.0	.2							16.2	9.6	10.0
200-220	.9	.6	.7			.1						2.2	7.4	7.5
230-250	.4	.6										1.0	5.0	5.0
(W) 260-280	.4	.1	.2									.8	5.7	4.0
290-310	.3											.3	2.0	2.0
320-340		.3	.2	.1								.7	9.8	9.5
VARIABLE														
CALM	////////////////////											3.7	////////	
TOTALS	22.6	39.4	28.1	5.3	.6	.1						100.0	7.7	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	1.0	1.4	.6								5.1	7.2	5.5
020-040	2.3	2.1	1.9	.3		.1						6.8	7.4	6.0
050-070	3.6	1.6	.2	.1								5.4	4.3	4.0
(E) 080-100	3.8	1.3	.4									5.6	4.4	3.5
110-130	7.9	5.6	1.2									14.7	5.1	4.0
140-160	8.4	16.0	9.0	.7								34.1	7.4	7.0
(S) 170-190	2.1	6.6	2.7	.4								11.8	7.6	7.0
200-220	.4	1.2	.3	.1								2.1	6.7	6.0
230-250	.2		.1									.3	4.7	2.0
(W) 260-280	.1	.3										.4	5.5	6.5
290-310	.3	.1										.4	3.0	2.5
320-340	.4	.4	.1	.1		.1						1.2	7.8	6.0
VARIABLE														
CALM	////////////////////											12.0	////////	
TOTALS	31.6	36.2	17.3	2.3		.2						100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	2.6	1.6	.4	.1							7.6	6.9	6.0
020-040	2.4	2.7	1.6	.2	.0	.0						6.9	7.0	7.0
050-070	2.1	2.4	.5	.1	.0							5.1	5.7	5.0
(E) 080-100	2.2	2.0	.4	.1								4.7	5.5	5.0
110-130	3.8	3.7	1.2	.1								8.7	5.8	5.0
140-160	5.8	10.1	6.9	1.2	.0							24.1	7.8	8.0
(S) 170-190	3.3	7.3	6.8	1.7	.1		.0					19.3	9.0	9.0
200-220	1.6	3.1	2.1	.3		.0						7.2	7.9	8.0
230-250	1.0	1.1	.4	.0								2.4	5.8	5.5
(W) 260-280	.6	.6	.2									1.3	5.3	5.0
290-310	.5	.3	.0	.0								.8	4.4	4.0
320-340	.7	.7	.3	.1		.0						1.8	6.7	6.0
VARIABLE														
CALM	////////////////////											10.1	////////	
TOTALS	26.8	36.6	22.0	4.2	.2							100.0	6.6	7.0

TOTAL NUMBER OF OBSERVATIONS 7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(W) 350-010	5.0	7.3	5.5	1.8	1.4						21.1	8.8	8.0
020-040	5.0	7.8	2.8	.9							16.5	6.8	7.0
050-070	2.8	2.8	.9								6.4	5.5	5.0
(E) 080-100	1.4	.9		.5							2.8	7.0	4.5
110-130	1.8	4.1	1.4	.5							7.8	7.1	7.0
140-160	.9	7.3	3.7	1.4							13.3	9.4	9.0
(S) 170-190	4.6	6.4	2.3	.5							13.8	6.3	6.0
200-220	.9	.9									1.8	4.8	5.0
230-250	.5										.5	4.0	4.0
(W) 260-280		.9									.9	7.5	7.5
290-310		.5	.9								1.4	11.3	12.0
320-340	1.4	.9		.9							3.2	7.9	5.0
VARIABLE													
CALM	////////////////////										10.6	////////	
TOTALS	24.3	39.8	17.5	6.5	1.4						100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 218

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.1	1.5	.4									7.0	3.9	3.0
020-040	1.7	1.6	.2									3.5	4.8	5.0
050-070	2.0	.4	.1									2.6	3.9	3.5
(E) 080-100	.6	.8	.1									1.5	4.9	5.0
110-130	4.0	3.4	.1									7.5	4.6	4.0
140-160	13.1	16.8	4.1									34.0	5.8	5.0
(S) 170-190	4.7	11.8	6.2	.1								22.9	7.4	7.0
200-220	1.9	1.1	1.0									4.0	5.8	5.0
230-250	.8											.8	2.1	2.0
(W) 260-280	.4	.3										.8	3.6	2.0
290-310	.3	.2										.5	4.4	4.0
320-340	.6	.2	.3									1.2	5.5	4.0
VARIABLE														
CALM	////////////////////////////////////											13.8	////////	
TOTALS	35.2	38.1	12.5	.1								100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.2	3.2	.8									10.2	4.5	4.0
020-040	3.1	1.4	.4									4.9	4.2	3.0
050-070	1.3	.1										1.4	2.5	2.0
(E) 080-100	.5	.3										.9	3.4	2.0
110-130	5.1	1.5										6.6	3.4	3.0
140-160	11.2	7.0	.9									19.0	4.6	4.0
(S) 170-190	8.8	12.0	4.6									25.5	6.2	6.0
200-220	2.6	1.8	.2									4.6	4.5	4.0
230-250	1.0	.3										1.3	3.8	3.0
(W) 260-280	.2											.2	2.0	2.0
290-310	.1	.1	.1									.3	6.3	5.0
320-340	.8											.8	2.7	2.0
VARIABLE														
CALM	////////////////////////////////////											24.3	////////	
TOTALS	40.9	27.7	7.0									100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.3	2.9	.8	.1								10.1	4.7	4.0
020-040	2.7	3.0	.5									6.2	5.2	5.0
050-070	1.5	.5	.1	.1								2.3	4.2	3.0
(E) 080-100	1.8	.9										2.7	4.1	4.0
110-130	3.2	1.3	.1									4.6	3.6	3.0
140-160	8.7	8.5	1.4	.1								18.7	5.2	5.0
(S) 170-190	6.6	11.0	5.4	.2								23.1	6.8	7.0
200-220	4.7	4.2	1.5									10.4	5.7	5.0
230-250	1.2	1.1	.2									2.5	5.1	5.0
(W) 260-280	.3	.3										.6	5.0	4.5
290-310	.1	.2										.3	5.3	6.0
320-340	.8	.2	.1									1.1	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											17.3	////////////////////////////////	
TOTALS	37.9	34.1	10.1	.5								100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.4	2.4	1.4	.3								5.5	7.7	8.0
020-040	1.5	2.4	1.2									5.1	6.5	7.0
050-070	2.4	1.9	.8									5.1	5.6	5.0
(E) 080-100	1.6	1.2	.2									3.0	4.6	4.0
110-130	1.5	2.9	.3									4.7	5.5	5.5
140-160	2.2	4.9	2.4	.1								9.6	7.1	7.0
(S) 170-190	3.3	8.9	6.8	.5	.1							19.7	8.3	8.0
200-220	4.6	12.5	8.3	1.3								26.7	8.3	8.0
230-250	2.5	6.3	3.5	.2								12.6	7.4	7.0
(W) 260-280	1.1	1.6	.5									3.2	6.2	6.0
290-310	.2	.2	.1									.5	5.6	5.0
320-340	1.0	.6	.1									1.7	4.3	3.5
VARIABLE														
CALM	////////////////////////////////////											2.7	//////////	
TOTALS	23.3	45.8	25.6	2.4	.1							100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	2.2	1.1	.2								4.9	6.9	6.0
020-040	1.9	3.1	1.1	.2								6.3	6.6	6.0
050-070	1.3	2.3	1.1									4.6	6.5	6.0
(E) 080-100	2.5	3.9	.6									7.0	5.7	5.0
110-130	2.4	3.7	1.4									7.4	6.2	6.0
140-160	2.2	7.0	5.2	.4								14.7	8.1	8.0
(S) 170-190	2.8	8.4	12.2	2.0								25.4	9.7	10.0
200-220	2.4	7.2	7.0	1.0								17.5	8.9	9.0
230-250	1.3	4.1	1.4									6.8	6.9	6.0
(W) 260-280	.1	.6	.5									1.3	7.7	7.5
290-310	.2	.1										.3	3.7	2.0
320-340	1.1	1.0		.1								2.2	5.3	4.5
VARIABLE														
CALM	////////////////////////////////////											1.5	////////////////////////////////	
TOTALS	19.7	43.6	31.6	3.9								100.0	7.8	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	1.7	1.3	.3								4.3	8.2	8.0
020-040	1.1	2.8	1.2	.3		.1						5.5	8.0	8.0
050-070	1.0	3.7	.9									5.5	7.0	7.0
(E) 080-100	1.9	5.1	1.2									8.2	6.9	7.0
110-130	1.9	6.1	4.0	.1	.1							12.3	8.0	8.0
140-160	2.3	8.1	11.0	1.2								22.5	9.5	10.0
(S) 170-190	.9	5.9	14.1	2.7								23.5	10.9	11.0
200-220	2.2	4.0	4.2	1.2	.2							11.7	9.1	9.0
230-250	1.1	1.4	.3									2.8	5.8	5.0
(W) 260-280	.3	.5										.9	5.1	5.5
290-310	.4	.1			.1							.6	6.7	3.5
320-340	.4	.2		.2								.9	7.3	5.5
VARIABLE														
CALM	////////////////////											1.4	////	////
TOTALS	14.5	39.6	38.2	6.0	.4	.1						100.0	8.8	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	1.2	.5	.2								3.2	6.8	6.5
020-040	1.8	2.7	1.2	.1								5.8	6.8	7.0
050-070	2.5	2.9	.4	.1								5.9	5.6	5.0
(E) 080-100	2.0	4.7	1.1									7.8	6.4	6.0
110-130	3.7	11.2	6.3	.3								21.5	7.7	8.0
140-160	3.2	11.7	12.6	1.6								29.1	9.1	9.0
(S) 170-190	2.2	7.1	9.8	1.3								20.3	9.4	10.0
200-220	.6	1.2	1.8	.1								3.8	8.8	10.0
230-250	.4	.2	.1									.8	5.1	4.0
(W) 260-280	.1		.1									.2	7.0	7.0
290-310	.1	.1	.1									.3	5.7	5.0
320-340	.1											.1	3.0	3.0
VARIABLE														
CALM	////////////////////////////////////											1.1	////////////////////////////////	
TOTALS	18.0	43.0	34.0	3.7								100.0	8.1	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	.3	.4	.2								3.4	4.8	3.0
020-040	2.8	1.2	.4									4.4	4.8	4.0
050-070	3.2	1.1	.1									4.4	3.8	4.0
(E) 080-100	1.9	1.9		.1								4.0	4.7	5.0
110-130	7.0	8.7	.8	.1								16.6	5.5	5.0
140-160	8.9	22.5	8.9	.4								40.8	7.0	7.0
(S) 170-190	1.4	10.5	4.3									16.2	7.7	7.0
200-220	.9	.9	.1	.1								1.9	5.4	6.0
230-250	.2	.2										.4	4.5	4.5
(W) 260-280		.1										.1	8.0	8.0
290-310	.3											.3	1.7	1.0
320-340	.2	.2	.2	.1								.8	8.1	6.0
VARIABLE														
CALM	////////////////////////////////////											6.7	////////	
TOTALS	29.3	47.6	15.2	1.0								100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	1.9	.8	.2								6.1	5.6	4.0
020-040	2.1	2.3	.8	.1		.0						5.2	6.0	5.0
050-070	1.9	1.6	.4	.0								4.0	5.4	5.0
(E) 080-100	1.6	2.3	.4	.0								4.4	5.7	5.0
110-130	3.6	4.9	1.6	.1	.0							10.1	6.2	6.0
140-160	6.5	10.8	5.8	.5								23.5	7.1	7.0
(S) 170-190	3.8	9.5	7.9	.9	.0							22.1	8.3	8.0
200-220	2.5	4.1	3.0	.5	.0							10.1	7.8	8.0
230-250	1.0	1.7	.7	.0								3.5	6.5	6.0
(W) 260-280	.3	.4	.1									.9	5.9	6.0
290-310	.2	.1	.0		.0							.4	5.1	4.0
320-340	.6	.3	.1	.1								1.1	5.2	4.0
VARIABLE														
CALM	////////////////////											8.6	////////	
TOTALS	27.3	39.9	21.6	2.4								100.0	6.4	7.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	2.3	2.3	.8								8.3	7.3	5.0
020-040	3.0	4.5	.8			.8						9.1	7.7	6.5
050-070	3.8	5.3	.8									9.8	5.2	5.0
(E) 080-100	3.0	4.5										7.6	4.8	5.0
110-130	6.8	3.0	1.5									11.4	5.5	4.0
140-160	8.3	14.4	9.1									31.8	7.3	7.5
(S) 170-190	.8	4.5	1.5									6.8	7.6	8.0
200-220	1.5	.8			.8							3.0	7.5	4.0
230-250	.8											.8	2.0	2.0
(W) 260-280														
290-310		.8	.8									1.5	8.0	8.0
320-340	.8	.8										1.5	5.0	5.0
VARIABLE														
CALM	////////////////////////////////////											8.3	////////////////////////////////	
TOTALS	31.8	40.9	16.8	.8	.8	.8						100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 132

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	2.0	.4	.2								7.2	4.8	4.0
020-040	3.7	2.9	1.4									8.0	5.7	5.0
050-070	2.3	.9	.5									3.7	4.8	4.0
(E) 080-100	1.7	1.1	.1									2.9	4.6	4.0
110-130	7.6	3.0	.2									10.9	3.9	3.0
140-160	12.5	12.8	1.2	.2								26.7	5.0	5.0
(S) 170-190	5.4	8.3	1.3	.1								15.1	5.8	6.0
200-220	1.2	.9	.1									2.2	4.3	4.0
230-250	1.0	.3		.1								1.4	4.2	4.0
(W) 260-280	1.0		.1	.1								1.2	4.4	2.0
290-310	.3	.2										.5	4.4	4.0
320-340	.2	.2	.1									.5	5.8	5.0
VARIABLE														
CALM	////////////////////											19.9	////////	
TOTALS	41.4	32.6	5.4	.7								100.0	4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	5.3	3.4	.8	.1								9.6	5.0	4.0
020-040	4.6	2.8	.4									7.8	4.7	4.0
050-070	2.0	.8	.1									2.9	3.5	3.0
(E) 080-100	1.8	.4	.2									2.5	4.2	3.0
110-130	6.1	1.0										7.1	2.8	2.0
140-160	11.6	6.1	1.0									18.7	4.3	4.0
(S) 170-190	6.8	5.4	.6									12.8	4.6	4.0
200-220	2.4	.5	.2									3.1	3.8	3.0
230-250	.6	.1										.8	2.6	2.0
(W) 260-280	.3	.1										.4	3.3	2.5
290-310	.6											.6	2.5	2.0
320-340	.4	.1	.1									.6	4.8	2.5
VARIABLE														
CALM	////////////////////////////////////											33.0	////////	
TOTALS	42.5	20.7	3.4	.1								100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	3.5	1.7									9.7	5.4	5.0
020-040	2.6	4.2	1.6									8.4	6.2	5.0
050-070	2.3	.9	.2									3.3	4.3	4.0
(E) 080-100	1.9	.3										2.3	2.8	3.0
110-130	3.3	1.2	.2									4.7	3.9	3.0
140-160	10.6	6.8	.8									18.2	4.4	4.0
(S) 170-190	6.5	6.7	1.9									15.1	5.6	5.0
200-220	3.5	3.1	.6									7.3	5.1	5.0
230-250	1.4	.4	.1									1.9	3.7	3.5
(W) 260-280	.6	.1	.1									.9	3.9	3.0
290-310	.1	.4	.1	.1								.8	7.4	6.0
320-340	.2	.1										.3	3.7	4.0
VARIABLE														
CALM	////////////////////////////////////											27.2	////////////////////////////////	
TOTALS	37.4	27.7	7.3	.1								100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	1.4	1.9									4.1	8.6	9.0
020-040	2.7	4.5	2.5	.1								9.8	7.1	7.0
050-070	1.4	2.7	.9									4.9	6.6	6.5
(E) 080-100	1.9	1.9	.8									4.6	5.7	5.0
110-130	2.3	1.3	.2	.1								3.9	5.1	4.0
140-160	3.4	5.4	2.5	.1								11.4	6.6	6.0
(S) 170-190	3.4	10.8	3.1	.1								17.4	7.2	7.0
200-220	6.0	12.0	7.0	.3								25.4	7.2	7.0
230-250	2.8	5.9	2.4									11.1	6.6	6.0
(W) 260-280	.6	1.6	.1									2.4	5.6	6.0
290-310	.6	.2										.9	3.6	2.5
320-340	.8		.1									.9	3.9	2.5
VARIABLE														
CALM	////////////////////											3.3	////////	
TOTALS	26.7	47.7	21.5	.7								100.0	6.6	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	1.7	1.6	.1								4.4	8.1	9.0
020-040	1.8	3.8	1.4									7.0	6.8	7.0
050-070	2.2	2.4	.8									5.3	6.0	5.0
(E) 080-100	2.6	3.4	.4	.1								6.6	5.8	5.0
110-130	2.5	5.1	1.5									9.0	6.5	6.0
140-160	2.7	8.6	3.4									14.7	7.2	7.0
(S) 170-190	2.3	11.1	7.0	.3								20.6	8.2	8.0
200-220	4.1	9.4	7.3	.3								21.1	7.9	8.0
230-250	1.2	4.7	.6	.1								6.7	6.6	6.0
(W) 260-280	.9	1.0	.4									2.3	6.2	6.0
290-310		.2	.1									.3	7.7	8.0
320-340	.5	.3										.9	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////////////////////////////	
TOTALS	21.8	51.7	24.5	.9								100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	1.6	.9									2.7	8.2	9.0
020-040	1.3	4.2	2.4	.2								8.1	7.7	8.0
050-070	1.9	4.1	1.5									7.5	6.7	6.0
(E) 080-100	2.4	5.6	1.3	.1								9.4	6.5	6.0
110-130	3.0	8.4	3.4	.2	.1							15.2	7.5	7.0
140-160	2.7	9.5	8.4	.6								21.2	8.6	8.0
(S) 170-190	1.5	8.4	9.0	.6								19.6	9.2	9.0
200-220	1.1	4.2	2.8	.4								8.5	8.2	8.0
230-250	.9	2.2	.9		.1							4.0	7.4	7.0
(W) 260-280	.1	.9	.2									1.2	7.2	7.0
290-310	.1	.4			.1							.6	8.5	6.0
320-340	.2	.4										.6	5.2	5.5
VARIABLE														
CALM	////////////////////											1.5	////////	
TOTALS	15.4	49.9	30.8	2.1	.3							100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.6	1.2	1.0		.1	.1						3.0	8.7	8.0
020-040	3.0	3.7	1.0	.1								7.7	6.2	6.0
050-070	4.1	2.0	.3									6.5	4.3	4.0
(E) 080-100	2.9	6.2	.6									9.8	5.7	6.0
110-130	5.8	13.7	3.0	.3								22.8	6.6	6.0
140-160	4.5	13.3	7.0	.4								25.3	7.7	8.0
(S) 170-190	2.0	5.9	4.6	.8								13.3	8.5	8.0
200-220	1.4	1.9	.4									3.8	5.8	6.0
230-250	1.1	1.4	.1									2.6	5.3	5.0
(W) 260-280	.2	.4	.1									.8	5.4	5.0
290-310	.1		.1	.1								.3	10.0	10.0
320-340	.1		.1									.2	7.0	7.0
VARIABLE														
CALM	////////////////////////////////////											4.0	////////////////////////////////	
TOTALS	25.8	49.7	18.3	1.7	.1	.1						100.0	6.6	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	2.0	1.1	.1								6.3	5.6	5.0
020-040	2.5	2.9	.6	.1		.1						6.2	6.1	5.5
050-070	2.8	2.5	.3									5.6	4.5	4.5
(E) 080-100	3.2	1.5										4.7	4.0	4.0
110-130	9.1	7.5	1.0									17.6	5.0	4.0
140-160	9.9	19.4	4.1	.1								33.4	6.3	6.0
(S) 170-190	3.1	5.8	2.0									11.0	6.7	7.0
200-220	1.2	.8										1.9	4.3	3.5
230-250	1.3	.4										1.7	3.4	3.5
(W) 260-280	.4	.2										.6	3.7	4.0
290-310	.1	.6	.1									.9	7.6	9.0
320-340	.2	.2										.4	5.0	4.5
VARIABLE														
CALM	////////////////////											9.5	////	////
TOTALS	36.9	43.8	9.2	.3		.1						100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	2.1	1.2	.1	.0	.0						5.9	6.2	5.0
020-040	2.8	3.6	1.4	.1		.0						7.9	6.3	6.0
050-070	2.4	2.0	.6									5.0	5.3	5.0
(E) 080-100	2.3	2.6	.4	.0								5.3	5.4	5.0
110-130	5.0	5.1	1.2	.1	.0							11.4	5.6	5.0
140-160	7.2	10.2	3.5	.2								21.2	6.3	6.0
(S) 170-190	3.9	7.8	3.7	.2								15.6	7.1	7.0
200-220	2.6	4.1	2.3	.1								9.2	6.9	6.0
230-250	1.3	1.9	.5	.0	.0							3.8	6.0	6.0
(W) 260-280	.5	.5	.1	.0								1.2	5.4	5.0
290-310	.3	.3	.1	.0	.0							.6	6.2	5.5
320-340	.3	.2	.1									.6	4.7	4.0
VARIABLE														
CALM	////////////////////											12.4	////////	
TOTALS	31.1	40.4	15.1	.8								100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: ALL

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

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010		4.2	6.7			.8						11.7	11.0	10.5
020-040	2.5	11.7	7.5									21.7	7.7	7.0
050-070	5.0	5.8	1.7									12.5	5.7	5.0
(E) 080-100	5.8	6.7	1.7									14.2	5.2	5.0
110-130	5.8	4.2	.8									10.8	4.8	4.0
140-160	2.5	5.0	4.2									11.7	7.5	7.0
(S) 170-190		.8	.8									1.7	8.0	8.0
200-220	.8	1.7										2.5	5.3	6.0
230-250		1.7										1.7	7.0	7.0
(W) 260-280														
290-310														
320-340		.8										.8	5.0	5.0
VARIABLE														
CALM	////////////////////////////////////											10.8	////////	
TOTALS	22.4	42.6	23.4			.8						100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 120

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	8.1	4.1	2.0	.7								14.9	5.7	4.0
020-040	2.1	3.4	1.2	.3	.2							7.3	7.4	6.5
050-070	1.1	.7	.3									2.1	5.2	4.0
(E) 080-100	.6	.6										1.1	4.5	4.5
110-130	4.9	2.1	.3									7.3	4.3	4.0
140-160	6.6	13.0	4.4									24.0	6.6	6.0
(S) 170-190	3.2	7.7	6.6	.9								18.3	8.2	8.0
200-220	1.2	.3										1.6	3.5	3.5
230-250	.2	.3	.1									.7	6.0	6.5
(W) 260-280	.4	.1										.6	2.8	2.0
290-310	.2											.2	4.0	4.0
320-340	1.0	.4		.2								1.7	5.3	4.0
VARIABLE														
CALM	////////////////////////////////////											20.2	////////////////////////////////	
TOTALS	29.6	32.7	14.9	2.1	.2							100.0	5.2	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.6	4.8	2.2	.8	.4		.1					16.9	6.3	4.0
020-040	2.8	3.7	1.8	.7								8.9	7.4	6.5
050-070	.3	.3	.2									.9	6.6	7.0
(E) 080-100	1.0		.2		.1							1.3	5.4	2.5
110-130	3.0	1.3	.1									4.4	3.9	3.0
140-160	6.9	8.4	1.3									16.7	5.4	5.0
(S) 170-190	3.6	9.7	4.2	.2								17.7	7.4	8.0
200-220	1.7	.9	.2									2.8	4.6	4.0
230-250	.8	.4	.2									1.4	4.7	4.0
(W) 260-280		.1										.1	7.0	7.0
290-310	.2	.1	.1	.1	.1							.7	9.0	7.5
320-340	.6	.3	.2									1.1	5.5	5.0
VARIABLE														
CALM	////////////////////											27.1	////////	
TOTALS	29.5	30.0	10.7	1.8	.6		.1					100.0	4.6	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.8	6.6	1.6	1.3	.7	.1	.2					17.2	7.3	5.0
020-040	3.9	3.2	1.8	1.2	.2							10.3	7.7	6.0
050-070	1.3	.9	.1									2.3	4.3	4.0
(E) 080-100	1.4	.4	.2									2.1	4.1	3.0
110-130	2.7	1.0	.2									3.9	3.9	3.0
140-160	7.0	9.0	2.3	.2	.1							18.7	5.9	6.0
(S) 170-190	3.6	9.0	4.1	.6								17.2	7.6	8.0
200-220	1.2	1.6	.2	.1								3.1	5.6	5.5
230-250	.8	.3										1.1	3.4	3.5
(W) 260-280	.1	.1	.1									.3	7.3	6.0
290-310	.6											.6	2.0	2.0
320-340	.7	.7	.1									1.4	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											21.7	////////////////////////////////	
TOTALS	30.1	32.8	10.7	3.4	1.0	.1	.2					100.0	5.1	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	3.4	2.9	1.3	.4		.3	.1				9.7	11.2	10.0
020-040	3.2	4.4	3.6	.6	.3							12.1	8.0	7.0
050-070	2.0	1.2	.3	.2								3.8	5.6	4.0
(E) 080-100	1.9	1.1	.4									3.4	5.1	4.0
110-130	1.8	1.8	.2	.1								3.9	5.3	5.0
140-160	3.4	5.9	3.2	.1								12.7	7.1	8.0
(S) 170-190	2.7	7.2	11.7	1.9	.8							24.2	10.0	10.0
200-220	3.3	6.8	7.8	1.0	.2							19.1	8.7	9.0
230-250	1.2	2.4	.6									4.2	6.3	6.0
(W) 260-280	.3	.4										.8	5.1	5.0
290-310		.2										.2	6.5	6.5
320-340	.7	.2	.1	.1								1.1	5.9	4.0
VARIABLE														
CALM	////////////////////											4.8	////////	
TOTALS	21.6	35.0	30.8	5.3	1.7		.3	.1				100.0	8.0	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	3.0	2.4	2.2	.2	.2	.1					9.2	11.2	11.0
020-040	1.2	4.0	3.1	.9								9.2	7.1	9.0
050-070	1.6	2.2	.1									3.9	5.1	5.0
(E) 080-100	1.3	1.2	.6									3.1	5.6	5.5
110-130	1.9	2.7	.4									5.0	5.9	6.0
140-160	3.4	7.1	4.1	.6								15.2	7.6	7.0
(S) 170-190	2.6	7.6	12.7	4.4	.3	.1						27.7	10.5	10.0
200-220	.9	6.6	6.4	1.3								15.2	9.4	10.0
230-250	1.4	2.7	1.2									5.3	7.0	7.0
(W) 260-280	.2	.4	.3									1.0	7.7	7.0
290-310	.2	.1	.1									.4	7.3	6.5
320-340	1.2	.7	.3									2.2	5.2	4.0
VARIABLE														
CALM	////////////////////////////////////											2.4	////////////////////////////////	
TOTALS	16.9	38.3	31.7	9.4	.5	.3	.1					100.0	8.6	9.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	4.3	2.6	1.4								8.9	10.1	9.0
020-040	1.7	5.1	2.6	.9								10.2	8.2	8.0
050-070	1.4	2.1	.7									4.2	6.3	6.0
(E) 080-100	1.6	2.4	.7									4.7	6.2	6.0
110-130	1.6	6.1	1.6	.1								9.3	7.2	7.5
140-160	2.2	9.1	9.2	1.7	.2							22.4	9.3	9.0
(S) 170-190	1.7	5.1	9.3	5.0	.6							21.7	11.4	12.0
200-220	1.3	5.6	3.7	.9	.1							11.6	8.8	8.0
230-250	.9	1.1	.3									2.3	5.9	6.0
(W) 260-280	.7	.7										1.3	4.9	4.5
290-310	.1	.1	.1									.3	6.3	6.0
320-340	.3	.4	.3	.2								1.3	8.6	6.5
VARIABLE														
CALM	////////////////////											1.7	////////	
TOTALS	14.1	42.1	31.1	10.2	.9							100.0	8.9	9.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	2.8	2.2	.4	.1							7.9	7.9	7.0
020-040	4.4	4.1	1.8	.2								10.6	6.0	5.0
050-070	3.0	3.0	.1									6.1	4.7	5.0
(E) 080-100	2.9	2.1	.4									5.4	5.1	4.0
110-130	5.6	8.2	2.0	.1								15.9	6.0	6.0
140-160	7.9	12.0	8.7	.9	.1							29.6	7.7	7.0
(S) 170-190	2.2	4.6	5.3	.9	.2							13.2	9.2	9.0
200-220	1.7	1.0	.9	.2								3.8	6.2	5.0
230-250		.2	.1									.3	7.0	6.0
(W) 260-280	.2	.2										.4	4.5	4.5
290-310	.2	.1										.3	4.3	4.0
320-340	.2	.3		.1								.7	6.7	5.5
VARIABLE														
CALM	////////////////////											5.8	////////	
TOTALS	30.6	38.6	21.5	2.8	.4							100.0	6.6	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.4	2.6	2.3	.4	.1	.1						11.0	6.5	5.0
020-040	3.6	2.8	1.1	.1								7.6	5.8	5.0
050-070	3.0	2.0	.1									5.1	4.3	4.0
(E) 080-100	2.1	1.0	.2									3.3	4.4	4.0
110-130	4.3	5.8	1.4									11.6	5.8	6.0
140-160	9.4	13.8	9.2	1.0								33.4	7.4	7.0
(S) 170-190	2.1	3.9	4.2	.2								10.4	8.2	8.0
200-220	1.0	.4	.2	.1								1.8	5.7	4.0
230-250	.7					.1						.8	5.7	2.0
(W) 260-280	.2	.3										.6	5.6	6.0
290-310	.3		.1									.4	5.0	3.0
320-340	.8	.3	.1	.1								1.3	5.3	4.0
VARIABLE														
CALM	////////////////////											12.7	////////	
TOTALS	32.9	32.9	18.9	1.9	.1	.2						100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	4.2	3.9	2.3	1.1	.3	.1	.1	.0				12.0	7.9	6.0
020-040	2.9	3.8	2.1	.6	.1							9.5	7.5	7.0
050-070	1.7	1.6	.3	.0								3.6	5.1	5.0
(E) 080-100	1.6	1.1	.3		.0							3.1	5.2	4.0
110-130	3.2	3.6	.8	.0								7.7	5.6	5.0
140-160	5.9	9.8	5.3	.6	.1							21.6	7.2	7.0
(S) 170-190	2.7	6.8	7.3	1.8	.2	.0						18.8	9.3	9.0
200-220	1.5	2.9	2.4	.5	.0							7.4	8.2	8.0
230-250	.8	.9	.3			.0						2.0	6.1	5.5
(W) 260-280	.3	.3	.1									.6	5.5	5.0
290-310	.2	.1	.1	.0	.0							.4	5.7	4.0
320-340	.7	.4	.2	.1								1.4	5.8	4.5
VARIABLE														
CALM	////////////////////											12.0	////////	
TOTALS	25.7	35.2	21.5	4.7	.7	.1	.1					100.0	6.6	7.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	5.3	7.5	4.3	1.5							20.6	11.4	12.0
020-040	4.0	8.5	4.5	2.8	1.3							21.1	9.3	8.0
050-070	2.3	3.3	.5									6.0	5.4	5.0
(E) 080-100	1.8	1.5	.3		.3							3.8	5.7	6.0
110-130	2.3	3.5	.5									6.3	5.8	6.0
140-160	5.3	7.8	3.3									16.3	6.4	6.0
(S) 170-190	1.5	7.8	4.3	.5								14.1	8.6	8.0
200-220	.5	.8	.3									1.5	6.0	6.0
230-250	1.0	.5	.3									1.8	4.7	3.0
(W) 260-280		.3										.3	9.0	9.0
290-310	.5											.5	1.5	1.5
320-340	1.0	1.8	.3	.3								3.3	7.3	8.0
VARIABLE														
CALM	////////////////////////////////////											4.5	////////////////////////////////	
TOTALS	22.2	41.1	21.8	7.9	3.1							100.0	7.9	7.0

TOTAL NUMBER OF OBSERVATIONS 398

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.9	8.4	2.6	2.2	.8							20.8	7.5	6.0
020-040	3.9	3.1	2.4	.9	.2							10.4	7.4	7.0
050-070	1.7	1.5										3.2	4.4	4.0
(E) 080-100	1.0	.3	.1									1.4	3.9	3.0
110-130	2.7	1.7	.1	.2								4.7	5.3	4.0
140-160	4.6	8.5	4.0	.3								17.4	7.0	6.0
(S) 170-190	2.7	6.2	3.7									12.6	7.4	7.0
200-220	2.3	1.3	.6									4.2	5.2	4.0
230-250	1.3	.3										1.6	3.7	3.0
(W) 260-280	.2	.4	.1									.8	6.4	7.0
290-310	.2	.3										.5	4.6	5.0
320-340	1.2	1.0	.2	.3								2.7	6.4	6.0
VARIABLE														
CALM	////////////////////											19.7	////////	
TOTALS	28.7	33.0	13.8	3.9	1.0							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.1	8.6	2.9	2.0	.5							21.2	7.6	6.0
020-040	2.9	4.0	2.8	.4	.2	.2						10.5	7.9	7.0
050-070	1.8	.6	.1									2.6	4.7	4.0
(E) 080-100	1.1	.3										1.4	3.3	3.0
110-130	1.5	.6										2.2	4.1	4.0
140-160	5.7	6.8	2.2	.1	.1							14.8	6.2	6.0
(S) 170-190	4.3	5.5	3.0	.8								13.5	7.1	7.0
200-220	2.2	1.7	.1									4.0	4.5	4.0
230-250	2.0	.1	.1									2.3	2.9	3.0
(W) 260-280	1.7		.1									1.8	3.1	2.0
290-310	.3	.5	.1	.1								1.1	6.7	6.0
320-340	1.5	1.5	.4	.4	.1							4.0	7.3	6.0
VARIABLE														
CALM	////////////////////////////////////											20.6	////////	
TOTALS	32.1	30.2	11.8	3.8	.9	.2						100.0	5.2	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.0	7.4	5.2	2.4								21.9	7.7	7.0
020-040	3.2	4.2	2.2	1.0	.1							10.6	7.6	6.0
050-070	1.9	1.0	.1									3.0	4.1	4.0
(E) 080-100	1.0	.4										1.4	3.8	4.0
110-130	2.0	1.4										3.4	4.1	3.5
140-160	4.8	7.2	2.4	.1								14.5	6.3	6.0
(S) 170-190	4.2	5.4	4.3	.5								14.4	7.4	7.0
200-220	1.8	1.9	.6									4.4	5.8	5.0
230-250	1.1	.1										1.2	3.1	3.0
(W) 260-280	.4	.3										.8	3.6	4.0
290-310	.2	.5	.2									1.0	6.8	7.0
320-340	1.2	1.5	.9									3.5	7.0	6.0
VARIABLE														
CALM	////////////////////											19.8	////////	
TOTALS	28.8	31.3	15.9	4.0	.1							100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.4	3.4	6.2	3.3	.5							14.9	11.3	12.0
020-040	2.2	4.5	4.2	1.7	.5							13.1	9.8	9.0
050-070	2.8	2.2	.3									5.3	5.1	4.0
(E) 080-100	1.6	1.0	.1									2.7	4.8	4.0
110-130	1.9	1.6		.1								3.7	4.7	4.0
140-160	2.5	4.3	2.5	.3								9.6	7.5	8.0
(S) 170-190	2.0	7.6	10.3	2.6	.3							22.9	10.1	10.0
200-220	1.7	6.9	5.4	1.3								15.3	9.1	9.0
230-250	.8	2.7	.6	.5								4.6	8.1	7.0
(W) 260-280	.1	.1	.1									.3	6.7	6.0
290-310	.2	.2	.3									.8	7.0	6.0
320-340	.5	1.4	1.0	.3	.1							3.3	9.1	9.0
VARIABLE														
CALM	////////////////////////////////////											3.5	////////////////////////////////	
TOTALS	17.7	35.9	31.0	10.1	1.4							100.0	8.7	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	4.3	6.0	2.8	.5	.1						15.3	11.0	10.0
020-040	1.0	5.6	4.3	1.0	.1							11.9	9.3	9.0
050-070	1.4	1.7	.4	.5								4.1	7.2	6.0
(E) 080-100	.9	1.0	.1									1.9	5.4	5.0
110-130	1.4	1.4	.5									3.3	6.0	6.0
140-160	1.7	5.1	2.5	1.5								10.8	8.9	8.0
(S) 170-190	1.4	5.8	12.2	3.1	.9	.1						23.4	11.3	11.5
200-220	1.2	5.2	7.5	2.4	.3							16.6	10.4	10.0
230-250	1.6	1.7	1.2	.3								4.8	7.3	8.0
(W) 260-280	.3	.5	.4	.2	.1	.2						1.8	11.5	10.0
290-310	.4	.1	.3									.9	6.6	5.5
320-340	.4	.4	2.4	.2	.3							3.8	10.9	10.0
VARIABLE														
CALM	////////////////////////////////////											1.4	////////////////////////////////	
TOTALS	13.2	32.8	37.8	12.0	2.2	.4						100.0	9.7	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	2.9	4.3	2.6	.3	.3						11.8	11.3	11.0
020-040	2.3	6.0	4.2	1.0								13.4	8.5	8.0
050-070	1.4	2.7	.5	.2								4.8	6.7	6.0
(E) 080-100	1.7	1.4	.1									3.2	4.5	4.0
110-130	1.3	2.3	.9	.1								4.5	6.8	6.0
140-160	2.0	5.6	6.1	1.7	.1							15.6	9.6	10.0
(S) 170-190	2.4	5.1	12.0	4.1	.5							24.1	11.0	11.5
200-220	1.4	3.8	3.4	1.0	.2							9.8	9.3	9.0
230-250	.9	2.4	.5	.3								4.1	7.4	7.0
(W) 260-280	.6	.5	.1	.3	.1							1.7	8.6	6.0
290-310	.1	.6	.3	.3	.1							1.5	10.5	9.5
320-340	.5	1.8	1.3	.1	.2							4.0	9.1	8.0
VARIABLE														
CALM	////////////////////											1.4	////	////
TOTALS	16.0	35.1	33.7	11.7	1.5	.3						100.0	9.3	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.6	4.0	3.2	1.4	.3	.1						13.7	8.0	7.0
020-040	4.0	5.4	2.4	.4								12.2	6.7	6.0
050-070	2.2	1.6										3.8	4.3	4.0
(E) 080-100	2.4	.9	.1									3.3	3.8	4.0
110-130	4.5	2.9	1.6									9.0	5.5	4.5
140-160	6.2	12.6	6.1	.4								25.4	7.2	7.0
(S) 170-190	4.4	6.7	3.8	.4								15.3	7.0	7.0
200-220	1.2	1.0	.5									2.7	6.0	6.0
230-250	.3	.2										.5	4.4	4.0
(W) 260-280	.3	.2	.1									.6	5.7	5.0
290-310	.2		.1	.1								.4	8.5	7.5
320-340	1.8	.6	.3		.3							3.1	6.6	4.0
VARIABLE														
CALM	////////////////////											10.0	////////	
TOTALS	32.1	36.1	18.2	2.7	.6	.1						100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.6	5.7	3.0	1.2	.9							16.3	7.8	6.0
020-040	3.4	4.1	2.4	.9								10.8	7.3	6.0
050-070	2.3	.5	.4									3.2	5.0	4.0
(E) 080-100	1.4	.1	.1									1.6	3.6	2.0
110-130	1.9	2.8	1.0	.1								5.8	6.8	6.0
140-160	4.8	11.7	8.3	.6								25.5	7.9	8.0
(S) 170-190	1.9	7.0	3.4	.3								12.7	8.0	8.0
200-220	.8	1.1	.6	.1								2.6	7.5	8.5
230-250	.4	.2										.6	3.7	3.5
(W) 260-280	.4											.4	2.5	2.5
290-310	.1	.1	.2									.4	9.0	9.5
320-340	2.4	.5	.2	.1	.2							3.4	5.2	3.0
VARIABLE														
CALM	////////////////////											16.6	////////	
TOTALS	25.4	33.8	19.6	3.3	1.1							100.0	6.1	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	5.6	4.2	2.2	.5	.1						17.0	8.8	8.0
020-040	2.8	4.6	3.1	.9	.1	.0						11.6	8.1	8.0
050-070	1.9	1.5	.2	.1								3.7	5.3	4.0
(E) 080-100	1.4	.7	.1									2.1	4.2	4.0
110-130	2.2	1.8	.5	.1								4.6	5.6	5.0
140-160	4.1	7.7	4.2	.6	.0							16.7	7.5	7.0
(S) 170-190	2.9	6.2	6.6	1.5	.2	.0						17.4	9.1	9.0
200-220	1.6	2.8	2.4	.6	.1							7.4	8.4	8.0
230-250	1.0	1.0	.3	.1								2.5	6.3	6.0
(W) 260-280	.5	.3	.1	.1	.0	.0						1.0	6.7	4.0
290-310	.2	.3	.2	.1	.0							.8	7.7	7.0
320-340	1.2	1.1	.8	.2	.2							3.5	7.8	7.0
VARIABLE														
CALM	////////////////////////////////////											11.6	////////////////////////////////	
TOTALS	24.2	33.6	22.7	6.5	1.1	.1						100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	4.6	7.5	2.9	.8							18.3	10.6	11.0
020-040	4.2	6.9	3.4	.3								14.8	6.9	6.0
050-070	6.2	4.6	.5									11.2	4.7	4.0
(E) 080-100	3.2	1.2										4.5	3.6	3.0
110-130	2.8	2.3	.9	.3								6.3	6.2	5.0
140-160	1.7	7.7	3.2	.9								13.5	8.0	8.0
(S) 170-190	2.6	7.8	5.5	.6	.2							16.8	8.3	8.0
200-220	.8	2.3	1.4									4.5	7.9	8.0
230-250	.9	.3	.2									1.4	4.3	4.0
(W) 260-280	.2		.2									.3	7.0	7.0
290-310	.2	.5	.5	.2	.2							1.4	10.6	10.0
320-340	.3	.2	.5		.6							1.5	13.8	12.0
VARIABLE														
CALM	////////////////////////////////////											5.5	////////////////////////////////	
TOTALS	25.6	38.4	23.8	5.2	1.8							100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 650

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	5.8	6.4	5.7	4.3	.9							23.1	9.4	9.0
020-040	1.6	3.1	1.7	1.3	.2							7.9	9.2	8.0
050-070	.6	.6										1.1	4.9	4.5
(E) 080-100	.8	.2										1.0	3.8	3.0
110-130	1.4	1.0	.6									3.0	5.7	5.0
140-160	4.0	5.4	2.8	.2	.1							12.6	7.0	6.0
(S) 170-190	3.2	7.8	6.2	.6								17.8	8.4	8.0
200-220	2.7	1.4	.9									5.0	5.5	4.0
230-250	1.8	.4	.2		.1							2.6	4.4	2.0
(W) 260-280	.6	.8	.1									1.4	4.9	5.0
290-310	.7	.2	.2	.6								1.7	9.1	9.0
320-340	1.4	.9	1.6	.4	.1							4.4	8.7	8.5
VARIABLE														
CALM	////////////////////											18.4	////////	
TOTALS	24.6	28.2	20.0	7.4	1.4							100.0	6.5	7.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.9	5.9	6.0	2.9	1.3	.2						22.2	9.4	8.5
020-040	2.2	2.9	3.3	.6	.2							9.2	8.5	8.0
050-070	1.1	.7	.2	.1								2.1	5.5	4.0
(E) 080-100	.7	.2										.9	3.3	3.0
110-130	1.0	.6	.1									1.7	4.4	4.0
140-160	4.8	4.8	2.2	.9								12.7	6.6	6.0
(S) 170-190	2.6	5.9	3.7	.3								12.4	7.8	8.0
200-220	3.3	2.6	.8									6.7	5.1	4.5
230-250	2.1	.9										3.0	3.7	3.0
(W) 260-280	1.1	.3										1.4	3.7	4.0
290-310	.7	.3	.1	.4								1.6	8.6	8.5
320-340	1.1	.9	2.1	.8	.2	.1						5.2	10.3	10.0
VARIABLE														
CALM	////////////////////											20.9	////////	
TOTALS	26.6	26.0	18.5	6.0	1.7	.3						100.0	6.1	6.5

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.0	5.7	6.3	2.9	1.6	.1						22.6	9.6	9.0
020-040	2.2	3.8	3.3	.7	.1	.2						10.3	8.7	8.0
050-070	.9	1.1	.2									2.2	5.4	5.0
(E) 080-100	.4	.1										.6	3.4	4.0
110-130	.4	.4	.2									1.1	6.6	6.5
140-160	3.2	5.3	2.4	.3								11.3	7.0	7.0
(S) 170-190	3.9	5.4	4.2	.7								14.2	7.5	7.0
200-220	2.9	1.7	.6									5.1	4.8	3.0
230-250	2.4	.6	.2									3.2	3.6	3.0
(W) 260-280	.4	.8	.1									1.3	5.8	5.5
290-310	.7	.3		.2								1.2	6.1	4.0
320-340	2.1	1.4	2.3	.6								6.4	8.1	8.5
VARIABLE														
CALM	////////////////////											20.3	////////	
TOTALS	25.5	26.6	19.8	5.4	1.7	.3						100.0	6.2	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	3.4	5.6	5.7	1.9	.4		.2				19.3	12.9	12.0
020-040	1.9	3.3	4.1	1.8	.8	.1						12.0	10.4	10.0
050-070	1.3	1.3	.3									3.0	5.1	5.0
(E) 080-100	1.0	.9		.1								2.0	4.8	4.5
110-130	1.1	.6	.3	.1								2.1	5.5	4.0
140-160	2.4	3.2	4.4	.8								10.9	8.6	9.0
(S) 170-190	1.9	6.4	8.3	1.9	.2							18.8	9.8	10.0
200-220	2.2	6.3	3.0	1.4								13.0	8.5	8.0
230-250	2.1	2.9	1.1									6.1	6.1	6.0
(W) 260-280	.6	.2	.6	.3								1.7	8.2	10.0
290-310	.1	.4	.7	.2								1.4	10.1	10.0
320-340	.4	1.0	1.8	1.2	.3	.1						4.9	12.3	12.0
VARIABLE														
CALM	////////////////////											4.8	////	////
TOTALS	17.1	29.9	30.2	13.5	3.2	.6		.2				100.0	9.3	10.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	1.3	2.8	5.7	5.9	2.0	.3						18.0	13.3	14.0
020-040	1.2	3.2	2.8	2.1	.8	.1						10.2	11.3	11.0
050-070	.4	.8	.1									1.3	5.1	5.0
(E) 080-100	.6	.6										1.1	4.6	4.5
110-130	.8	1.1	.3									2.2	6.3	6.0
140-160	.8	2.8	2.8	.7	.1							7.1	9.3	9.5
(S) 170-190	1.3	7.1	8.8	4.8	.6							22.6	11.1	12.0
200-220	2.9	5.6	7.3	1.9	.4							18.1	9.7	10.0
230-250	.9	4.2	2.4	.1	.1							7.8	8.4	8.0
(W) 260-280	.2	.6	.1	.3	.1							1.3	10.5	8.5
290-310	.2	.1	.3	.2								.9	10.8	13.5
320-340	.9	2.0	2.6	1.4	.2	.1						7.2	11.0	11.0
VARIABLE														
CALM	////////////////////											2.0	////////	
TOTALS	11.5	30.9	33.2	17.4	4.3	.5						100.0	10.5	10.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.0	4.7	7.8	4.0	1.4	.1						20.0	11.6	12.0
020-040	.9	3.3	3.2	1.3	.4	.1						9.3	10.4	10.0
050-070	1.0	1.4										2.4	5.0	6.0
(E) 080-100	.9	.2										1.1	3.1	3.0
110-130	.8	1.3	.1									2.2	5.8	5.5
140-160	1.6	5.2	4.3	1.3	.1							12.6	9.1	9.0
(S) 170-190	2.2	6.8	7.6	4.7	.4							21.7	10.7	10.0
200-220	1.9	6.6	4.2	1.1	.2							14.0	8.8	8.0
230-250	1.2	1.7	1.0	.1	.2							4.2	7.5	6.5
(W) 260-280	.2	1.1	.7	.2	.1							2.3	9.6	9.0
290-310	.2	.6	.6	.2		.2						1.8	10.8	10.0
320-340	.9	1.6	2.2	1.4	.2							6.3	11.0	10.0
VARIABLE														
CALM	////////////////////////////////////											2.0	////////	
TOTALS	13.8	34.5	31.7	14.3	3.0	.4						100.0	9.7	10.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	3.0	4.2	4.8	3.4	1.4	.1						17.0	11.1	10.0	
020-040	2.9	3.1	1.6	1.2	.2	.1						9.1	8.4	7.0	
050-070	2.1	.9										3.0	3.7	4.0	
(E) 080-100	1.3	.9										2.2	4.1	4.0	
110-130	2.1	1.6	1.0									4.7	5.9	5.0	
140-160	4.6	8.7	5.0	.9								19.1	7.8	7.5	
(S) 170-190	4.8	6.9	4.6	.3								16.6	7.3	7.0	
200-220	2.3	1.1	.3									3.8	4.5	3.5	
230-250	.6	.2										.8	3.4	2.0	
(W) 260-280	.9	.6	.3		.1							1.9	6.3	5.0	
290-310	1.1	.6	.3	.4								2.4	7.4	5.0	
320-340	2.2	2.8	.8	.2	.3							6.3	7.4	6.0	
VARIABLE															
CALM	////////////////////////////////////											13.1	////////////////////////////////		
TOTALS	27.9	31.6	18.7	6.4	2.0	.2						100.0	6.8	7.0	

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	6.1	7.3	5.0	3.1	1.6	.1						23.2	9.1	8.0	
020-040	2.3	1.3	1.8	.7	.3							6.4	8.7	8.0	
050-070	1.6	1.3										2.9	4.7	4.0	
(E) 080-100	.8	.3										1.1	3.7	4.0	
110-130	1.0	1.1	1.0									3.1	7.1	6.0	
140-160	3.1	8.0	6.4	.6								18.1	8.2	8.0	
(S) 170-190	2.4	7.0	4.8	.6	.1							14.9	8.2	8.0	
200-220	1.0	1.2	.6	.1								2.9	6.4	6.0	
230-250	1.3	.3	.1	.1								1.9	4.8	4.0	
(W) 260-280	2.0	.7	.1	.2								3.0	4.6	4.0	
290-310	.9	.8	.2		.2							2.1	6.9	6.0	
320-340	2.3	1.8	.8	1.0	.1							6.0	8.1	6.0	
VARIABLE															
CALM	////////////////////////////////////												14.3	////////////////////////////////	
TOTALS	24.8	31.1	20.8	6.4	2.3	.1						100.0	6.8	7.0	

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	5.1	5.8	4.0	1.5	.2		.0				20.7	10.7	10.0
020-040	1.9	3.0	2.7	1.2	.4	.1						9.3	9.5	9.0
050-070	1.1	1.0	.1	.0								2.3	4.9	5.0
(E) 080-100	.8	.4		.0								1.3	4.0	4.0
110-130	1.1	1.0	.5	.0								2.5	5.9	5.0
140-160	3.1	5.4	3.8	.7	.0							13.0	7.9	8.0
(S) 170-190	2.8	6.7	6.0	1.7	.2							17.4	9.1	9.0
200-220	2.4	3.3	2.2	.6	.1							8.6	7.7	7.0
230-250	1.6	1.4	.6	.0	.1							3.7	6.1	5.0
(W) 260-280	.8	.6	.3	.1	.0							1.8	6.6	5.0
290-310	.6	.4	.3	.3	.0	.0						1.6	8.5	6.0
320-340	1.4	1.5	1.8	.9	.2	.0						5.9	9.6	9.0
VARIABLE														
CALM	////////////////////////////////////											12.0	////////	
TOTALS	21.6	29.8	24.1	9.5	2.5	.3						100.0	7.7	8.0

TOTAL NUMBER OF OBSERVATIONS 7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	4.4	11.7	6.4	2.5	.1						26.1	12.9	13.0
020-040	2.1	7.5	8.1	3.7	1.0	.2						22.7	10.7	10.0
050-070	2.2	3.1	.4	.1								5.9	5.7	5.0
(E) 080-100	2.1	1.4										3.5	4.3	4.0
110-130	1.7	2.1	.1	.1								4.1	5.4	5.0
140-160	1.7	4.7	3.7	1.4								11.6	8.8	8.0
(S) 170-190	2.4	4.6	6.1	1.5	.1							14.7	9.4	10.0
200-220	.6	1.4	.6									2.6	6.9	7.0
230-250	.4	.1	.2									.7	6.5	5.5
(W) 260-280	.6	.2			.1							1.0	6.3	4.0
290-310	.2	.4										.6	3.6	5.0
320-340		1.0	.7	.4	.1							2.2	11.2	10.0
VARIABLE														
CALM	////////////////////											4.1	////////	
TOTALS	15.0	30.9	31.6	13.6	3.8	.3						100.0	9.5	10.0

TOTAL NUMBER OF OBSERVATIONS 801

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.1	9.5	5.1	3.8	1.2							27.5	8.5	6.0
020-040	2.9	3.3	2.9	1.9	.2							11.3	9.2	9.0
050-070	.9	.8	.2									1.8	5.2	5.0
(E) 080-100	.5	.4	.2	.1								1.3	6.5	5.0
110-130	2.4	.8										3.1	3.8	4.0
140-160	2.7	3.9	.9	.2								7.6	6.3	6.0
(S) 170-190	1.5	3.3	2.8	.8	.1							8.5	8.7	8.0
200-220	2.6	2.8	.8	.1								6.2	5.9	6.0
230-250	2.0	1.6	.3									4.0	4.6	4.0
(W) 260-280	1.0	.8	.1									1.8	4.9	4.0
290-310	.8	.4	.4									1.6	6.3	8.0
320-340	2.6	2.4	.5	.4	.4							6.3	7.1	6.0
VARIABLE														
CALM	////////////////////											18.8	////	////
TOTALS	28.0	30.0	14.2	7.3	1.9							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.6	8.6	5.7	4.4	1.2	.2						28.7	8.9	7.0
020-040	3.3	3.0	2.4	2.4	.4							11.5	9.3	8.0
050-070	.4	.3	.2	.1								1.1	6.7	6.5
(E) 080-100	.6	.5	.4									1.6	6.3	5.0
110-130	1.5	1.1	.2									2.8	4.5	4.0
140-160	3.4	2.2	1.2	.1								6.9	5.5	4.5
(S) 170-190	2.7	4.0	1.9									8.6	6.7	6.0
200-220	2.5	2.0	1.1									5.6	5.8	5.0
230-250	1.7	1.2	.2									3.1	4.4	4.0
(W) 260-280	1.1	.9	.1									2.0	5.0	4.0
290-310	.5	.5	.1	.2								1.4	7.5	8.0
320-340	1.8	2.7	1.2	.3	.2							6.2	7.6	6.0
VARIABLE														
CALM	////////////////////											20.4	////////	
TOTALS	28.1	27.0	14.7	7.5	1.8	.2						100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.9	6.7	6.2	2.9	2.3							24.0	9.7	9.0
020-040	3.8	3.7	3.9	1.8	.9	.1						14.1	9.5	9.0
050-070	1.4	.5	.1									2.0	4.2	4.0
(E) 080-100	.4	.5	.1									1.1	5.0	6.0
110-130	1.4	1.4	.1									2.9	4.9	5.0
140-160	2.9	1.9	1.5	.1								6.5	6.3	5.0
(S) 170-190	2.6	4.0	2.2									8.7	6.7	7.0
200-220	3.1	1.8	.6									5.6	4.8	4.0
230-250	2.7	1.0	.2									3.9	4.1	3.0
(W) 260-280	1.1	.5	.1									1.7	4.4	3.0
290-310	.6	.6		.3								1.6	7.1	5.0
320-340	1.7	1.4	1.2	.5	.1							4.9	8.1	5.5
VARIABLE														
CALM	////////////////////											23.0	////////	
TOTALS	27.6	24.0	16.2	5.6	3.3	.1						100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	4.5	5.7	5.6	3.1	.3						23.1	12.0	12.0
020-040	3.3	4.6	5.8	2.2	.5							16.5	9.6	10.0
050-070	1.3	.8	.5	.1								2.7	5.9	5.0
(E) 080-100	.9	.2	.1									1.2	4.3	3.0
110-130	1.2	1.1	.3									2.6	5.1	5.0
140-160	3.3	4.2	1.9	.1								9.6	6.6	6.0
(S) 170-190	2.6	4.8	3.8	1.4								12.6	8.5	8.0
200-220	2.8	3.8	1.6									8.2	6.5	6.0
230-250	2.3	3.0	.6									5.9	5.8	6.0
(W) 260-280	1.1	1.2	.5	.1								2.9	6.2	5.0
290-310	.4		.5	.1								1.1	8.2	10.5
320-340	1.2	.5	.8	1.1	.4							4.0	10.6	11.0
VARIABLE														
CALM	////////////////////											9.8	////////	
TOTALS	24.3	28.7	22.1	10.7	4.0	.3						100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	5.8	5.2	5.6	2.2	.3	.3					21.2	12.6	13.0
020-040	1.5	3.0	7.0	1.4	.2	.1						13.2	10.5	11.0
050-070	1.2	1.4	.9	.1								3.5	6.8	6.0
(E) 080-100	1.3	.6										1.9	3.8	4.0
110-130	1.1	.9	.6	.3								2.9	7.5	7.0
140-160	1.4	2.3	1.7	.6								6.0	8.6	8.0
(S) 170-190	1.7	7.2	5.6	2.0	.6							17.2	9.9	9.0
200-220	2.2	6.2	3.5	1.0	.1							13.0	8.2	8.0
230-250	1.2	3.3	1.8	.1								6.5	7.6	7.0
(W) 260-280	.9	1.7	.8									3.3	6.8	7.0
290-310	.4	1.2	.4	.1								2.2	7.1	6.0
320-340	.9	1.3	2.2	1.0	.1							5.4	10.2	11.0
VARIABLE														
CALM	////////////////////											3.7	////////	
TOTALS	15.6	34.9	29.7	12.2	3.2	.4	.3					100.0	9.3	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	5.6	7.3	3.2	1.8	.1						20.4	11.3	11.0
020-040	1.6	4.6	5.5	1.9	.1							13.8	9.9	10.0
050-070	.9	1.5	.2	.1								2.7	6.1	6.0
(E) 080-100	.9	.6	.3									1.8	5.9	5.0
110-130	1.7	1.8	.8									4.3	6.2	6.0
140-160	2.5	4.7	1.6	.8								9.6	7.4	6.0
(S) 170-190	2.6	7.3	5.1	1.9								16.9	8.9	8.0
200-220	2.5	5.7	3.1	.9								12.2	8.0	7.0
230-250	1.3	2.5	.8	.1								4.6	6.6	6.0
(W) 260-280	1.2	1.2	.5	.1								3.0	6.8	5.0
290-310	.5	.9	.2									1.6	5.5	6.0
320-340	1.2	2.7	2.2	1.0								7.0	9.4	9.0
VARIABLE														
CALM	////////////////////											2.2	////////	
TOTALS	19.3	39.1	27.6	10.0	1.9	.1						100.0	8.7	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	4.5	5.7	4.7	3.2	.8							19.0	9.4	9.0
020-040	3.3	5.2	3.9	1.7	.6							14.8	8.9	8.0
050-070	2.6	1.5		.2								4.3	4.9	4.0
(E) 080-100	1.0	.8										1.7	4.4	4.0
110-130	1.8	.9	.5	.2								3.5	5.8	4.0
140-160	5.8	6.0	2.3	.6								14.8	6.4	5.0
(S) 170-190	2.0	4.3	2.6									9.0	7.3	8.0
200-220	2.8	2.6	.6	.3								6.4	5.7	5.0
230-250	1.9	.3	.2									2.5	3.6	2.0
(W) 260-280	1.6	.6	.1									2.4	4.1	4.0
290-310	.8	.3	.4									1.5	5.7	4.5
320-340	2.2	2.0	.6	.5								5.4	6.6	5.0
VARIABLE														
CALM	////////////////////////////////////										14.9	////////////////////////////////		
TOTALS	30.3	30.2	15.9	6.7	1.4							100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.8	8.1	6.5	3.2	1.4	.1						25.1	9.2	8.0
020-040	4.3	3.6	3.7	1.5	.4							13.5	8.5	8.0
050-070	1.3	.4	.3	.2								2.3	6.5	4.0
(E) 080-100	.8	.2	.2									1.2	5.5	4.0
110-130	1.5	1.3										2.8	4.8	4.0
140-160	3.1	4.6	1.9	.5	.1							10.4	7.1	6.0
(S) 170-190	1.7	4.9	3.0	.6	.3							10.6	8.6	8.0
200-220	1.8	2.4	.8									5.0	6.0	5.0
230-250	1.2	1.5										2.7	4.5	5.0
(W) 260-280	1.1	.3	.1									1.5	4.2	4.0
290-310	.6	.4	.5	.1								1.7	7.2	7.5
320-340	2.7	.9	.1	.5	.1							4.3	6.0	4.0
VARIABLE														
CALM	////////////////////////////////////											19.0	////////	
TOTALS	25.9	28.6	17.1	6.6	2.3	.1						100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39			
(N) 350-010	5.1	6.8	5.8	4.0	1.7	.1	.0		23.6	10.1	9.0
020-040	3.0	3.9	4.4	1.9	.4	.0			13.6	9.4	9.0
050-070	1.2	.9	.3	.1					2.6	5.8	5.0
(E) 080-100	.8	.5	.2	.0					1.5	5.2	4.0
110-130	1.6	1.1	.3	.1					3.1	5.4	4.0
140-160	3.1	3.7	1.6	.4	.0				8.9	6.7	6.0
(S) 170-190	2.2	5.0	3.4	.8	.1				11.5	8.4	8.0
200-220	2.5	3.4	1.5	.3	.0				7.8	6.8	6.0
230-250	1.8	1.8	.5	.0					4.1	5.5	5.0
(W) 260-280	1.1	.9	.3	.0					2.3	5.6	5.0
290-310	.6	.6	.3	.1					1.6	6.8	6.0
320-340	1.8	1.7	1.1	.7	.2				5.4	8.2	7.0
VARIABLE											
CALM	////////////////////////////////////								14.0	////////////////////////////////	
TOTALS	24.8	30.3	19.7	8.4	2.4	.1			100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS 7434

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	5.5	9.1	7.5	4.3	.6	.3					30.1	13.2	14.0
020-040	2.4	4.2	6.9	4.6	1.4	.1						19.5	11.6	12.0
050-070	2.6	1.4	.6	.4								4.9	6.1	4.0
(E) 080-100	.5	1.8	.6	.1								3.0	7.3	6.0
110-130	1.9	2.2	1.1	.5								5.7	7.0	6.0
140-160	1.8	2.7	3.7	.8	.1							9.1	9.2	10.0
(S) 170-190	1.2	4.8	4.7	1.0	.2							11.9	9.5	9.0
200-220	1.0	1.7	.7									3.4	6.5	6.0
230-250	.9	1.1	.4									2.4	6.1	5.0
(W) 260-280	1.0	.4	.4									1.8	5.9	4.0
290-310	.4	.3	.1									.7	5.0	4.5
320-340	.9	1.0	.5	.3	.1							2.8	7.6	6.5
VARIABLE														
CALM	////////////////////											4.6	////////////////	
TOTALS	17.5	27.1	28.8	15.2	6.1	.7	.3					100.0	9.8	10.0

TOTAL NUMBER OF OBSERVATIONS 1080

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	4.8	4.2	2.3	.7	.1	.0	.0				16.2	9.4	8.0
020-040	2.4	3.6	2.8	1.0	.2	.0	.0	.0				10.0	8.6	8.0
050-070	1.6	1.5	.4	.1	.0							3.6	5.7	5.0
(E) 080-100	1.4	1.3	.3	.0	.0							3.0	5.5	5.0
110-130	2.4	2.8	1.2	.2	.0	.0						6.5	6.5	6.0
140-160	4.1	7.1	4.6	1.0	.1	.0						16.9	7.8	8.0
(S) 170-190	2.7	5.9	5.3	1.4	.2	.0	.0					15.4	8.9	9.0
200-220	1.9	2.9	2.1	.5	.0	.0		.0				7.3	7.8	8.0
230-250	1.3	1.4	.5	.1	.0	.0	.0					3.3	6.3	6.0
(W) 260-280	.7	.6	.3	.1	.0	.0						1.6	6.6	6.0
290-310	.4	.4	.3	.1	.0	.0	.0					1.3	7.7	7.0
320-340	1.1	1.1	1.0	.5	.1	.0	.0	.0				3.9	8.7	8.0
VARIABLE														
CALM	////////////////////											10.8	////////	
TOTALS	24.0	33.4	23.0	7.3	1.3	.1						100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS: 87640

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: ALL HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	5.7	10.4	6.2	2.5	.4	.1					27.5	12.4	12.0
020-040	2.4	5.8	5.5	2.7	.5	.1	.0					17.0	10.0	10.0
050-070	2.4	2.5	.7	.1								5.7	6.0	5.0
(E) 080-100	1.6	1.8	.6	.0	.0							4.0	5.8	5.0
110-130	1.8	3.0	2.2	.4	.0							7.3	7.8	8.0
140-160	1.9	5.8	5.3	1.5	.2							14.7	9.3	9.0
(S) 170-190	1.5	4.3	3.9	.8	.1	.0						10.6	9.1	9.0
200-220	.7	1.2	.6	.1	.0	.0		.0				2.5	7.4	7.0
230-250	.6	.5	.2		.0	.0						1.3	6.1	5.0
(W) 260-280	.4	.3	.2	.0	.0	.0						.9	7.0	5.5
290-310	.2	.3	.2	.1	.1	.0	.0					.8	9.3	8.0
320-340	.6	.9	.7	.4	.2	.0						2.8	9.6	8.0
VARIABLE														
CALM	////////////////////											4.8	////	////
TOTALS	16.4	32.1	30.5	12.3	3.6	.5	.1					100.0	9.3	9.0

TOTAL NUMBER OF OBSERVATIONS: 7036

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	DD DD
PP	AAAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

D - 1 - 1

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND 24 HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. 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 "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 00-02

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.6	69.2	70.0	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.9	70.9	70.9	71.0	71.1	71.1
GE 20000	72.2	72.8	73.5	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.4	74.4	74.4	74.5	74.6	74.6
GE 18000	72.3	72.9	73.7	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.5	74.5	74.5	74.6	74.7	74.7
GE 16000	72.3	72.9	73.7	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.5	74.5	74.5	74.6	74.7	74.7
GE 14000	72.5	73.1	73.9	74.2	74.4	74.5	74.5	74.5	74.5	74.5	74.7	74.7	74.7	74.8	74.9	74.9
GE 12000	73.3	74.0	74.7	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6	75.7	75.8	75.8
GE 10000	74.9	75.8	76.6	76.9	77.2	77.3	77.3	77.3	77.3	77.3	77.5	77.5	77.5	77.6	77.7	77.7
GE 9000	74.9	75.8	76.6	76.9	77.2	77.3	77.3	77.3	77.3	77.3	77.5	77.5	77.5	77.6	77.7	77.7
GE 8000	76.2	77.1	77.8	78.2	78.5	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.9	79.0	79.0
GE 7000	76.6	77.5	78.3	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.4	79.5	79.5
GE 6000	76.7	77.6	78.4	78.7	79.0	79.1	79.1	79.1	79.1	79.1	79.4	79.4	79.4	79.5	79.6	79.6
GE 5000	77.0	78.1	78.8	79.1	79.5	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.9	80.0	80.0
GE 4500	78.1	79.1	80.0	80.3	80.6	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.0	81.1	81.2	81.2
GE 4000	78.1	79.1	80.0	80.3	80.6	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.0	81.1	81.2	81.2
GE 3500	78.9	80.0	80.9	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.8	81.8	81.8	81.9	82.0	82.0
GE 3000	80.0	81.1	81.9	82.4	82.8	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.2	83.3	83.3
GE 2500	81.2	82.3	83.1	83.5	84.0	84.1	84.1	84.1	84.1	84.1	84.3	84.3	84.3	84.4	84.5	84.5
GE 2000	82.8	84.0	84.8	85.3	85.7	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.0	86.1	86.2	86.2
GE 1800	83.0	84.2	85.1	85.5	85.9	86.0	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.3	86.5	86.5
GE 1500	83.3	84.6	85.5	85.9	86.5	86.6	86.7	86.7	86.7	86.7	86.9	86.9	86.9	87.0	87.1	87.1
GE 1200	84.7	86.1	87.1	87.7	88.3	88.4	88.5	88.6	88.6	88.6	88.8	88.8	88.8	88.9	89.0	89.0
GE 1000	85.7	87.3	88.4	89.0	89.7	89.8	89.9	90.0	90.0	90.0	90.4	90.4	90.4	90.5	90.6	90.6
GE 900	85.8	87.6	88.7	89.5	90.1	90.2	90.3	90.4	90.4	90.4	90.9	90.9	90.9	91.0	91.1	91.1
GE 800	86.1	88.2	89.2	90.3	91.0	91.1	91.2	91.5	91.5	91.6	92.2	92.2	92.2	92.3	92.4	92.4
GE 700	86.2	88.4	89.5	90.8	91.7	92.3	92.5	92.8	92.8	92.9	93.4	93.4	93.4	93.5	93.7	93.7
GE 600	86.7	88.9	90.1	91.4	92.4	92.9	93.1	93.4	93.4	93.5	94.2	94.2	94.2	94.3	94.4	94.4
GE 500	86.9	89.1	90.3	91.6	92.7	93.2	93.4	93.8	93.8	93.9	94.5	94.5	94.5	94.6	94.7	94.8
GE 400	86.9	89.5	90.6	92.2	93.2	93.9	94.1	94.4	94.5	94.7	95.4	95.4	95.4	95.5	95.6	95.7
GE 300	86.9	89.5	90.6	92.2	93.4	94.3	94.6	94.9	95.1	95.4	96.1	96.1	96.2	96.3	96.5	96.7
GE 200	86.9	89.5	90.6	92.3	93.7	94.6	95.1	95.8	95.9	96.5	97.3	97.3	97.4	97.5	97.7	98.1
GE 100	86.9	89.5	90.6	92.3	93.7	94.6	95.1	96.1	96.2	96.8	97.6	97.6	97.7	98.0	98.4	98.8
GE 000	86.9	89.5	90.6	92.3	93.7	94.6	95.1	96.1	96.2	96.8	97.6	97.6	97.8	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 03-05

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.3	64.5	65.1	65.5	65.6	65.7	65.8	65.9	65.9	66.0	66.1	66.3	66.3	66.5	66.5	66.6
GE 20000	67.1	68.4	69.0	69.6	69.7	69.8	69.9	70.0	70.0	70.1	70.2	70.4	70.4	70.5	70.5	70.6
GE 18000	67.1	68.4	69.0	69.6	69.7	69.8	69.9	70.0	70.0	70.1	70.2	70.4	70.4	70.5	70.5	70.6
GE 16000	67.1	68.4	69.0	69.6	69.7	69.8	69.9	70.0	70.0	70.1	70.2	70.4	70.4	70.5	70.5	70.6
GE 14000	67.4	68.7	69.4	69.9	70.0	70.1	70.2	70.3	70.3	70.4	70.5	70.8	70.8	70.9	70.9	71.0
GE 12000	68.3	69.6	70.2	70.8	70.9	71.0	71.1	71.2	71.2	71.3	71.4	71.6	71.6	71.7	71.7	71.8
GE 10000	71.0	72.3	72.9	73.4	73.5	73.7	73.8	73.9	73.9	74.0	74.1	74.3	74.3	74.4	74.4	74.6
GE 9000	71.2	72.5	73.1	73.7	73.8	73.9	74.0	74.1	74.1	74.2	74.3	74.5	74.5	74.6	74.6	74.8
GE 8000	72.7	74.0	74.6	75.2	75.3	75.4	75.5	75.6	75.6	75.7	75.8	76.0	76.0	76.1	76.1	76.3
GE 7000	72.9	74.2	74.8	75.4	75.5	75.6	75.7	75.8	75.8	75.9	76.0	76.2	76.2	76.3	76.3	76.6
GE 6000	73.2	74.5	75.2	75.7	75.8	75.9	76.0	76.1	76.1	76.2	76.3	76.6	76.6	76.7	76.7	76.9
GE 5000	73.4	74.7	75.4	75.9	76.1	76.2	76.3	76.5	76.5	76.6	76.7	76.9	76.9	77.0	77.0	77.2
GE 4500	74.1	75.4	76.0	76.6	76.8	76.9	77.0	77.1	77.1	77.2	77.3	77.5	77.5	77.6	77.6	77.8
GE 4000	74.2	75.5	76.1	76.7	76.9	77.0	77.1	77.2	77.2	77.3	77.4	77.6	77.6	77.7	77.7	78.0
GE 3500	74.5	75.8	76.5	77.0	77.2	77.3	77.4	77.5	77.5	77.6	77.7	78.0	78.0	78.1	78.1	78.3
GE 3000	76.1	77.4	78.1	78.6	78.8	78.9	79.0	79.1	79.1	79.2	79.4	79.6	79.6	79.7	79.7	79.9
GE 2500	76.9	78.2	78.9	79.5	79.7	79.8	79.9	80.0	80.0	80.1	80.2	80.4	80.4	80.5	80.5	80.8
GE 2000	78.4	80.0	80.9	81.6	81.8	81.9	82.0	82.2	82.2	82.3	82.4	82.6	82.6	82.7	82.7	82.9
GE 1800	79.2	80.9	81.7	82.5	82.8	82.9	83.0	83.1	83.1	83.2	83.3	83.5	83.5	83.7	83.7	83.9
GE 1500	80.4	82.2	83.1	83.9	84.3	84.4	84.5	84.6	84.6	84.7	84.8	85.1	85.1	85.2	85.2	85.4
GE 1200	81.7	83.4	84.4	85.2	85.8	85.9	86.2	86.3	86.3	86.5	86.6	86.8	86.8	86.9	86.9	87.1
GE 1000	82.3	84.1	85.1	85.8	86.6	86.8	87.3	87.4	87.5	87.6	87.7	88.0	88.0	88.1	88.1	88.3
GE 900	82.5	84.3	85.3	86.0	86.8	87.0	87.5	87.6	87.7	87.8	88.0	88.2	88.2	88.3	88.3	88.5
GE 800	83.1	85.3	86.3	87.2	88.0	88.2	88.8	89.0	89.1	89.2	89.4	89.6	89.6	89.7	89.7	90.1
GE 700	83.1	85.6	86.8	87.6	88.6	89.0	89.7	89.9	90.0	90.2	90.3	90.5	90.5	90.6	90.6	91.1
GE 600	83.1	85.7	86.9	88.0	88.9	89.7	90.3	90.5	90.6	90.9	91.0	91.2	91.2	91.3	91.3	91.7
GE 500	83.3	85.9	87.2	88.7	89.9	90.6	91.3	91.5	91.6	91.8	91.9	92.2	92.2	92.3	92.3	92.8
GE 400	83.8	86.7	88.0	89.7	91.1	91.8	92.5	92.8	92.9	93.3	93.9	94.1	94.2	94.3	94.3	94.8
GE 300	83.8	86.7	88.0	89.7	91.3	92.0	92.8	93.1	93.2	93.7	94.2	94.4	94.7	94.8	94.8	95.5
GE 200	83.8	86.7	88.0	89.7	91.5	92.4	93.3	94.0	94.1	94.7	95.4	95.6	95.9	96.0	96.0	96.7
GE 100	83.8	86.7	88.0	89.7	91.5	92.4	93.3	94.0	94.1	94.9	95.9	96.1	96.5	96.6	96.8	98.0
GE 000	83.8	86.7	88.0	89.7	91.5	92.4	93.3	94.0	94.1	94.9	95.9	96.1	96.6	96.7	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 06-08

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.8	58.8	59.0	59.6	59.8	59.9	60.3	60.6	60.8	60.8	60.9	60.9	61.0	61.1	61.2	61.5
GE 20000	62.3	63.2	63.4	64.0	64.3	64.4	64.8	65.2	65.3	65.3	65.4	65.4	65.5	65.6	65.7	66.0
GE 18000	62.4	63.3	63.5	64.1	64.4	64.5	64.9	65.3	65.4	65.4	65.5	65.5	65.6	65.7	65.8	66.1
GE 16000	62.4	63.3	63.5	64.1	64.4	64.5	64.9	65.3	65.4	65.4	65.5	65.5	65.6	65.7	65.8	66.1
GE 14000	62.7	63.7	63.9	64.4	64.7	64.8	65.3	65.6	65.7	65.7	65.8	65.8	65.9	66.0	66.1	66.5
GE 12000	64.2	65.2	65.4	65.9	66.3	66.5	66.9	67.2	67.3	67.3	67.4	67.4	67.5	67.6	67.7	68.1
GE 10000	67.6	68.6	68.8	69.4	69.9	70.0	70.5	70.9	71.0	71.0	71.1	71.1	71.2	71.4	71.5	71.9
GE 9000	67.7	68.7	68.9	69.5	70.0	70.1	70.6	71.0	71.1	71.1	71.2	71.2	71.3	71.5	71.6	72.0
GE 8000	69.6	70.5	70.8	71.3	71.8	71.9	72.5	72.8	72.9	72.9	73.0	73.0	73.1	73.3	73.4	73.9
GE 7000	69.9	70.9	71.1	71.6	72.2	72.3	72.8	73.1	73.2	73.2	73.3	73.3	73.4	73.7	73.8	74.2
GE 6000	70.2	71.3	71.5	72.0	72.6	72.7	73.2	73.5	73.7	73.7	73.8	73.8	73.9	74.1	74.2	74.6
GE 5000	70.3	71.4	71.6	72.2	72.7	72.8	73.3	73.7	73.8	73.8	73.9	73.9	74.0	74.2	74.3	74.7
GE 4500	71.2	72.3	72.5	73.0	73.5	73.7	74.2	74.6	74.7	74.7	74.8	74.8	74.9	75.2	75.3	75.7
GE 4000	71.3	72.4	72.6	73.1	73.7	73.8	74.3	74.7	74.8	74.9	75.1	75.1	75.2	75.4	75.5	75.9
GE 3500	71.4	72.5	72.7	73.2	73.8	73.9	74.4	74.8	74.9	75.1	75.2	75.2	75.3	75.5	75.6	76.0
GE 3000	72.4	73.4	73.8	74.3	74.8	74.9	75.5	75.9	76.0	76.1	76.2	76.2	76.3	76.6	76.7	77.1
GE 2500	73.8	74.9	75.3	75.8	76.5	76.6	77.1	77.5	77.6	77.7	77.8	77.8	78.0	78.2	78.3	78.7
GE 2000	75.8	77.0	77.3	78.0	78.8	78.9	79.5	79.9	80.0	80.1	80.2	80.2	80.3	80.5	80.6	81.1
GE 1800	76.1	77.3	77.6	78.3	79.2	79.4	79.9	80.3	80.4	80.5	80.6	80.6	80.9	81.1	81.2	81.6
GE 1500	77.8	79.1	79.6	80.2	81.4	81.5	82.0	82.6	82.7	82.8	82.9	82.9	83.1	83.3	83.5	84.0
GE 1200	78.9	80.3	80.8	81.5	82.7	82.8	83.5	84.1	84.2	84.4	84.5	84.5	84.7	84.9	85.2	85.6
GE 1000	79.5	80.9	81.3	82.0	83.4	83.5	84.3	84.8	84.9	85.2	85.3	85.3	85.5	85.7	85.9	86.3
GE 900	79.6	81.0	81.4	82.2	83.5	83.7	84.5	85.1	85.2	85.4	85.5	85.5	85.7	85.9	86.1	86.6
GE 800	80.3	81.7	82.2	83.0	84.4	84.6	85.6	86.1	86.2	86.5	86.6	86.6	86.8	87.0	87.2	88.0
GE 700	80.5	82.0	82.8	83.7	85.3	85.5	86.7	87.3	87.4	87.7	87.8	87.8	88.1	88.3	88.5	89.2
GE 600	80.8	82.6	83.4	84.4	86.0	86.2	87.6	88.3	88.4	88.7	88.8	88.8	89.0	89.2	89.5	90.2
GE 500	80.8	82.6	83.7	84.7	86.5	86.7	88.3	89.2	89.6	89.9	90.0	90.0	90.3	90.5	90.8	91.6
GE 400	81.1	83.0	84.2	85.6	87.8	88.1	89.8	90.9	91.3	91.7	91.9	91.9	92.3	92.5	92.7	93.7
GE 300	81.1	83.0	84.2	85.7	88.1	88.3	90.1	91.4	91.8	92.4	92.7	92.7	93.2	93.4	93.8	94.7
GE 200	81.1	83.0	84.2	85.7	88.3	88.5	90.3	91.8	92.6	93.3	93.7	93.9	94.6	94.8	95.5	96.7
GE 100	81.1	83.0	84.2	85.7	88.3	88.5	90.3	91.8	92.6	93.3	93.7	93.9	94.7	95.1	96.0	97.8
GE 000	81.1	83.0	84.2	85.8	88.4	88.6	90.4	91.9	92.7	93.4	93.8	94.0	94.8	95.2	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 09-11

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.8	57.6	57.8	58.3	58.6	58.8	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.6
GE 20000	64.0	64.8	65.1	65.5	65.8	66.0	66.2	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.9
GE 18000	64.0	64.8	65.1	65.5	65.8	66.0	66.2	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.9
GE 16000	64.0	64.8	65.1	65.5	65.8	66.0	66.2	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.9
GE 14000	64.6	65.5	65.7	66.1	66.5	66.7	66.9	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.5
GE 12000	65.8	66.7	67.0	67.4	67.7	68.0	68.2	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.8
GE 10000	69.5	70.4	70.8	71.2	71.6	71.8	72.0	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.7
GE 9000	69.5	70.4	70.8	71.2	71.6	71.8	72.0	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.7
GE 8000	70.9	71.8	72.2	72.7	73.1	73.3	73.5	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	74.2
GE 7000	71.2	72.2	72.5	73.0	73.4	73.7	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.5
GE 6000	71.8	72.8	73.1	73.7	74.1	74.3	74.5	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	75.2
GE 5000	72.6	73.5	73.9	74.4	74.8	75.1	75.3	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.9
GE 4500	73.2	74.2	74.7	75.3	75.7	75.9	76.1	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.8
GE 4000	74.0	74.9	75.6	76.1	76.7	76.9	77.1	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.8
GE 3500	74.7	75.7	76.3	76.9	77.4	77.6	77.8	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.6
GE 3000	75.8	76.9	77.6	78.2	78.8	79.0	79.4	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	80.1
GE 2500	76.5	77.6	78.6	79.1	79.8	80.0	80.3	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	81.1
GE 2000	78.2	79.4	80.4	81.1	81.9	82.2	82.5	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	83.2
GE 1800	78.6	79.8	80.9	81.5	82.4	82.6	82.9	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.7
GE 1500	79.5	80.9	82.0	82.8	83.9	84.1	84.4	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.4
GE 1200	79.7	81.3	82.7	83.5	84.6	84.8	85.3	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	86.2
GE 1000	80.1	82.3	84.0	85.2	86.3	86.6	87.0	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	88.0
GE 900	80.2	82.5	84.2	85.4	86.6	86.8	87.2	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	88.2
GE 800	80.3	82.8	84.5	85.7	87.2	87.4	87.8	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.7	89.2
GE 700	80.5	83.1	84.8	86.1	87.6	88.1	89.0	89.6	89.7	89.7	90.0	90.0	90.0	90.0	90.1	90.6
GE 600	80.5	83.2	84.9	86.5	88.0	88.5	89.6	90.1	90.3	90.3	90.6	90.6	90.6	90.6	90.9	91.4
GE 500	80.5	83.2	85.4	86.9	88.6	89.2	90.9	91.8	92.3	92.7	93.0	93.0	93.1	93.1	93.3	93.9
GE 400	80.6	83.3	85.5	87.4	89.1	89.9	92.0	93.3	93.9	94.3	94.8	94.8	94.9	94.9	95.2	96.0
GE 300	80.6	83.3	85.5	87.4	89.4	90.1	92.3	93.5	94.2	94.7	95.7	95.9	96.1	96.1	96.3	97.2
GE 200	80.6	83.3	85.5	87.4	89.4	90.1	92.4	93.7	94.3	95.2	96.6	96.8	97.2	97.5	97.8	98.7
GE 100	80.6	83.3	85.5	87.4	89.4	90.1	92.4	93.7	94.3	95.2	96.6	96.8	97.3	97.8	98.5	99.6
GE 000	80.6	83.3	85.5	87.4	89.4	90.1	92.4	93.7	94.3	95.2	96.6	96.8	97.3	97.8	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 12-14

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.9	62.5	62.6	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 20000	70.4	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 18000	70.9	71.4	71.5	71.6	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 16000	71.0	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 14000	71.7	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 12000	73.1	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 10000	75.8	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 9000	75.8	76.5	76.7	76.8	76.8	76.8	76.8	75.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 8000	77.4	78.1	78.3	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
GE 7000	77.5	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 6000	77.8	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 5000	78.0	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 4500	78.4	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 4000	79.4	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 3500	79.9	80.6	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3000	81.2	82.2	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 2500	82.3	83.2	83.7	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2000	83.2	84.5	84.9	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1800	84.5	85.9	86.3	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1500	85.3	86.8	87.2	87.6	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1200	85.7	87.3	87.7	88.2	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1000	86.5	88.5	89.2	89.8	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.2	90.2
GE 900	86.6	88.9	89.8	90.3	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2
GE 800	86.8	89.5	90.6	91.5	92.3	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.9	92.9
GE 700	87.1	89.9	91.2	92.2	93.4	93.9	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.7	94.7
GE 600	87.1	90.1	91.4	92.4	93.9	94.3	94.8	94.9	95.1	95.2	95.3	95.3	95.3	95.3	95.4	95.4
GE 500	87.1	90.2	91.5	92.6	94.4	94.8	95.6	95.9	96.0	96.2	96.6	96.7	96.7	96.7	96.8	96.8
GE 400	87.1	90.2	91.5	92.6	94.6	95.2	96.1	96.7	97.0	97.5	97.8	98.1	98.1	98.1	98.2	98.2
GE 300	87.1	90.2	91.5	92.7	94.7	95.3	96.6	97.1	97.6	98.2	98.6	98.8	98.8	98.8	98.9	98.9
GE 200	87.1	90.2	91.5	92.7	94.8	95.4	96.7	97.2	97.7	98.3	98.8	99.0	99.0	99.0	99.5	99.5
GE 100	87.1	90.2	91.5	92.7	94.8	95.4	96.7	97.2	97.7	98.3	98.8	99.0	99.1	99.2	99.7	99.9
GE 000	87.1	90.2	91.5	92.7	94.8	95.4	96.7	97.2	97.7	98.3	98.8	99.0	99.1	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 15-17

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.4	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 20000	71.9	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 18000	72.8	73.5	73.7	73.7	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 16000	72.8	73.5	73.7	73.7	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 14000	74.2	74.9	75.1	75.1	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 12000	75.3	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 10000	77.8	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 9000	78.0	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 8000	79.2	80.1	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 7000	79.4	80.2	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 6000	79.8	80.6	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 5000	80.0	81.0	81.2	81.3	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 4500	80.8	81.7	81.9	82.2	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 4000	81.3	82.3	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3500	81.7	82.7	83.1	83.4	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 3000	82.9	84.1	84.5	84.8	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 2500	84.0	85.2	85.6	85.9	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2000	85.7	87.1	87.6	88.0	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1800	85.8	87.2	87.7	88.2	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1500	87.7	89.1	89.9	90.3	90.5	90.5	90.5	90.5	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.8
GE 1200	88.3	89.8	90.5	91.0	91.2	91.2	91.2	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4
GE 1000	88.5	90.0	91.1	91.6	92.0	92.0	92.4	92.6	92.6	92.7	92.8	92.8	92.8	92.9	92.9	92.9
GE 900	88.7	90.2	91.6	92.2	92.6	92.7	93.2	93.4	93.4	93.7	93.8	93.8	93.8	93.9	93.9	93.9
GE 800	89.2	91.0	92.5	93.4	94.0	94.1	94.6	94.8	94.8	95.1	95.2	95.2	95.2	95.3	95.3	95.3
GE 700	89.4	91.4	93.0	94.1	95.1	95.2	95.9	96.2	96.2	96.5	96.6	96.6	96.6	96.7	96.7	96.7
GE 600	89.5	91.5	93.1	94.2	95.3	95.4	96.1	96.5	96.5	96.7	96.8	96.8	96.8	96.9	96.9	96.9
GE 500	89.5	91.9	93.5	94.6	96.1	96.2	97.1	97.5	97.5	97.7	98.0	98.0	98.0	98.1	98.1	98.1
GE 400	89.5	91.9	93.5	94.6	96.2	96.3	97.2	97.7	98.0	98.2	98.5	98.7	98.7	98.8	98.8	98.8
GE 300	89.5	91.9	93.5	94.6	96.2	96.3	97.2	97.8	98.1	98.4	98.8	99.0	99.2	99.4	99.4	99.5
GE 200	89.5	91.9	93.5	94.6	96.2	96.3	97.2	97.8	98.1	98.5	98.9	99.2	99.6	99.7	99.7	99.8
GE 100	89.5	91.9	93.5	94.6	96.2	96.3	97.2	97.8	98.1	98.5	98.9	99.2	99.6	99.7	99.7	99.8
GE 000	89.5	91.9	93.5	94.6	96.2	96.3	97.2	97.8	98.1	98.5	98.9	99.2	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 18-20

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.7	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 20000	74.5	75.5	75.6	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
GE 18000	75.2	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 16000	75.2	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 14000	75.8	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 12000	76.2	77.2	77.3	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
GE 10000	77.8	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 9000	78.0	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 8000	79.4	80.3	80.5	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
GE 7000	79.9	80.9	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 6000	80.4	81.4	81.8	81.9	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 5000	81.0	82.0	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4500	82.0	83.1	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 4000	82.2	83.2	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 3500	82.3	83.3	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 3000	83.9	84.9	85.5	85.7	86.0	86.0	86.0	86.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 2500	85.3	86.3	86.9	87.1	87.5	87.5	87.5	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 2000	86.5	87.5	88.1	88.3	88.7	88.7	88.7	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1800	86.9	88.0	88.5	88.7	89.1	89.1	89.1	89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1500	88.2	89.4	90.0	90.2	90.6	90.6	90.6	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1200	89.4	90.8	91.4	91.6	92.0	92.0	92.0	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1000	90.3	91.8	92.5	92.8	93.2	93.3	93.4	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 900	90.5	92.0	92.8	93.2	93.7	93.8	93.9	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 800	90.9	92.6	93.3	94.1	94.5	94.6	94.7	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 700	91.0	92.7	93.4	94.3	94.7	94.9	95.1	95.3	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 600	91.1	92.8	93.5	94.6	95.3	95.5	95.7	95.9	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 500	91.2	93.0	93.9	95.2	96.0	96.2	96.6	97.0	97.1	97.5	97.6	97.6	97.6	97.7	97.7	97.7
GE 400	91.2	93.0	93.9	95.2	96.2	96.5	96.9	97.8	98.0	98.5	98.7	98.7	98.7	98.9	98.9	98.9
GE 300	91.2	93.0	93.9	95.2	96.2	96.5	97.1	98.2	98.5	99.0	99.5	99.5	99.5	99.7	99.7	99.7
GE 200	91.2	93.0	93.9	95.2	96.2	96.6	97.2	98.3	98.6	99.1	99.7	99.7	99.7	99.9	99.9	99.9
GE 100	91.2	93.0	93.9	95.2	96.2	96.6	97.2	98.3	98.6	99.1	99.7	99.7	99.7	99.9	99.9	100.0
GE 000	91.2	93.0	93.9	95.2	96.2	96.6	97.2	98.3	98.6	99.1	99.7	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 21-23

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.2	68.8	69.1	69.1	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.6	69.6
GE 20000	72.9	73.5	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.4	74.4
GE 18000	73.1	73.8	74.2	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.6	74.6
GE 16000	73.1	73.8	74.2	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.6	74.6
GE 14000	73.8	74.4	74.8	74.8	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.3	75.3
GE 12000	74.8	75.5	75.9	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.3	76.3
GE 10000	76.6	77.2	77.7	77.7	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.2	78.2
GE 9000	76.6	77.2	77.7	77.7	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.2	78.2
GE 8000	78.8	79.6	80.1	80.1	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.6	80.6
GE 7000	79.0	79.8	80.3	80.3	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.8	80.8	80.9	80.9
GE 6000	79.4	80.2	80.8	80.8	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.3	81.3
GE 5000	79.7	80.5	81.3	81.3	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.8	81.8
GE 4500	81.1	81.9	82.8	82.8	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.3	83.3
GE 4000	81.4	82.3	83.1	83.1	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.7	83.7
GE 3500	81.8	82.7	83.7	83.7	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.2	84.2
GE 3000	83.5	84.5	85.5	85.5	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.2	86.2
GE 2500	84.4	85.4	86.3	86.3	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.3	87.3
GE 2000	85.5	86.6	87.5	87.5	88.1	88.1	88.3	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.6	88.6
GE 1800	85.8	86.9	87.8	87.8	88.4	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.9	88.9
GE 1500	86.6	87.7	88.7	88.7	89.2	89.2	89.5	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.9	89.9
GE 1200	87.6	89.0	90.2	90.5	91.1	91.1	91.3	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.7	91.7
GE 1000	88.8	90.4	91.7	92.0	92.6	92.6	93.0	93.1	93.3	93.3	93.3	93.3	93.4	93.4	93.5	93.5
GE 900	88.8	90.4	91.7	92.0	92.6	92.6	93.0	93.1	93.3	93.3	93.3	93.3	93.4	93.4	93.5	93.5
GE 800	89.4	91.1	92.4	93.0	93.8	93.8	94.2	94.5	94.7	94.7	94.7	94.7	94.8	94.8	94.9	94.9
GE 700	89.5	91.5	93.0	93.7	94.5	94.8	95.3	95.6	95.8	95.8	95.9	95.9	96.0	96.1	96.2	96.2
GE 600	89.6	91.6	93.3	94.0	94.9	95.3	95.7	96.0	96.2	96.2	96.3	96.3	96.5	96.6	96.7	96.7
GE 500	89.8	92.0	93.8	94.6	95.7	96.0	96.5	96.9	97.1	97.1	97.2	97.2	97.3	97.4	97.5	97.5
GE 400	89.9	92.2	93.9	94.8	96.1	96.6	97.0	97.5	98.0	98.0	98.1	98.1	98.2	98.3	98.4	98.4
GE 300	90.0	92.3	94.0	94.9	96.2	96.9	97.3	97.8	98.4	98.4	98.6	98.7	98.8	98.9	99.0	99.0
GE 200	90.0	92.3	94.0	94.9	96.2	96.9	97.3	98.3	98.8	98.8	99.1	99.2	99.4	99.5	99.6	99.6
GE 100	90.0	92.3	94.0	95.1	96.3	97.0	97.4	98.4	98.9	99.1	99.5	99.6	99.7	99.8	99.9	100.0
GE 000	90.0	92.3	94.0	95.1	96.3	97.0	97.4	98.4	98.9	99.1	99.5	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: ALL

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.5	64.3	64.6	64.8	64.9	65.0	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.5
GE 20000	69.4	70.2	70.6	70.8	71.0	71.0	71.1	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.5	71.5
GE 18000	69.7	70.5	70.9	71.1	71.3	71.3	71.4	71.5	71.5	71.5	71.6	71.6	71.7	71.7	71.7	71.8
GE 16000	69.7	70.6	70.9	71.1	71.3	71.3	71.5	71.5	71.5	71.6	71.6	71.7	71.7	71.7	71.8	71.9
GE 14000	70.3	71.2	71.5	71.7	71.9	71.9	72.1	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.4	72.5
GE 12000	71.4	72.2	72.6	72.8	73.0	73.0	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.5	73.6
GE 10000	73.9	74.8	75.1	75.4	75.6	75.6	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.2
GE 9000	74.0	74.8	75.2	75.5	75.6	75.7	75.8	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.2	76.3
GE 8000	75.5	76.4	76.8	77.1	77.3	77.4	77.5	77.6	77.6	77.6	77.7	77.7	77.8	77.8	77.8	78.0
GE 7000	75.8	76.7	77.1	77.4	77.6	77.7	77.8	77.9	77.9	77.9	78.0	78.0	78.1	78.1	78.1	78.3
GE 6000	76.2	77.1	77.5	77.8	78.0	78.1	78.2	78.3	78.3	78.4	78.4	78.5	78.5	78.5	78.6	78.7
GE 5000	76.5	77.5	77.9	78.2	78.4	78.5	78.6	78.7	78.7	78.8	78.8	78.9	78.9	78.9	79.0	79.1
GE 4500	77.4	78.3	78.8	79.1	79.4	79.4	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.9	79.9	80.0
GE 4000	77.7	78.7	79.2	79.5	79.8	79.8	80.0	80.1	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.5
GE 3500	78.2	79.2	79.7	80.1	80.3	80.4	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.9	80.9	81.1
GE 3000	79.5	80.6	81.2	81.5	81.9	82.0	82.1	82.2	82.2	82.3	82.4	82.4	82.5	82.5	82.6	82.7
GE 2500	80.5	81.6	82.3	82.7	83.1	83.1	83.3	83.4	83.4	83.5	83.6	83.6	83.6	83.7	83.7	83.8
GE 2000	82.0	83.3	84.0	84.4	84.8	84.9	85.1	85.2	85.2	85.3	85.4	85.4	85.4	85.5	85.5	85.6
GE 1800	82.5	83.8	84.5	84.9	85.4	85.5	85.6	85.7	85.8	85.8	85.9	85.9	86.0	86.0	86.1	86.2
GE 1500	83.6	85.0	85.8	86.2	86.8	86.8	87.0	87.2	87.2	87.3	87.4	87.4	87.4	87.5	87.6	87.7
GE 1200	84.5	86.0	86.9	87.4	88.0	88.1	88.3	88.5	88.5	88.6	88.7	88.7	88.8	88.8	88.9	89.0
GE 1000	85.2	86.9	87.9	88.5	89.2	89.3	89.7	89.9	89.9	90.1	90.2	90.2	90.2	90.3	90.4	90.5
GE 900	85.3	87.1	88.2	88.8	89.6	89.7	90.1	90.3	90.4	90.5	90.6	90.6	90.7	90.7	90.8	90.9
GE 800	85.8	87.8	88.9	89.8	90.6	90.8	91.2	91.5	91.6	91.7	91.8	91.9	91.9	92.0	92.0	92.3
GE 700	85.9	88.1	89.3	90.3	91.4	91.7	92.3	92.6	92.7	92.9	93.1	93.1	93.1	93.2	93.3	93.5
GE 600	86.0	88.3	89.6	90.7	91.8	92.2	92.9	93.2	93.3	93.5	93.7	93.7	93.7	93.8	93.9	94.1
GE 500	86.1	88.5	89.9	91.1	92.5	92.9	93.7	94.2	94.4	94.6	94.9	94.9	95.0	95.1	95.1	95.4
GE 400	86.3	88.7	90.1	91.5	93.1	93.5	94.4	95.1	95.4	95.8	96.1	96.2	96.3	96.4	96.5	96.8
GE 300	86.3	88.7	90.1	91.5	93.2	93.7	94.7	95.5	95.9	96.3	96.8	96.9	97.1	97.2	97.3	97.6
GE 200	86.3	88.7	90.1	91.6	93.3	93.8	94.9	95.9	96.3	96.8	97.4	97.6	97.8	98.0	98.2	98.6
GE 100	86.3	88.7	90.1	91.6	93.3	93.9	94.9	95.9	96.3	96.9	97.6	97.7	98.0	98.3	98.6	99.2
GE 000	86.3	88.7	90.1	91.6	93.3	93.9	95.0	95.9	96.3	96.9	97.6	97.8	98.1	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 00-02

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.5	59.9	60.4	60.4	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 20000	63.6	64.1	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 18000	63.6	64.1	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 16000	63.6	64.1	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 14000	63.9	64.4	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 12000	65.6	66.1	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 10000	67.7	68.2	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 9000	67.7	68.2	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 8000	68.7	69.1	69.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 7000	69.6	70.1	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 6000	70.3	70.8	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 5000	71.0	71.5	72.0	72.0	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4500	72.1	72.8	73.3	73.3	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4000	72.7	73.4	74.1	74.1	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 3500	72.9	73.6	74.5	74.5	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3000	74.3	75.1	75.9	75.9	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 2500	76.1	77.1	77.9	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 2000	78.7	79.8	80.6	80.9	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1800	78.8	79.9	80.7	81.0	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 1500	82.2	83.6	84.6	85.0	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7
GE 1200	83.3	84.8	85.8	86.2	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9
GE 1000	85.0	86.5	87.6	87.9	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.7	88.9	88.9
GE 900	85.1	86.6	87.8	88.2	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	89.1	89.1
GE 800	85.1	86.9	88.2	88.8	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	90.0	90.0
GE 700	85.9	87.9	89.5	90.4	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.6	91.6
GE 600	85.9	87.9	89.5	90.4	91.5	91.7	92.0	92.0	92.0	92.1	92.2	92.2	92.2	92.3	92.6	92.6
GE 500	86.4	88.7	90.5	92.0	93.0	93.3	93.6	93.6	93.6	93.7	93.9	93.9	93.9	94.0	94.2	94.2
GE 400	86.6	89.1	91.0	93.0	94.4	94.7	95.2	95.2	95.3	95.4	95.5	95.5	95.5	95.6	95.9	95.9
GE 300	86.8	89.2	91.1	93.1	94.8	95.2	96.0	96.1	96.2	96.5	96.7	96.7	96.8	96.9	97.4	97.4
GE 200	86.8	89.2	91.1	93.1	94.8	95.3	96.2	96.6	96.7	96.9	97.4	97.4	97.6	97.8	98.2	98.2
GE 100	86.8	89.2	91.1	93.1	94.8	95.3	96.2	96.7	96.9	97.2	97.8	97.9	98.2	98.3	99.1	99.1
GE 000	86.8	89.2	91.1	93.1	94.8	95.3	96.2	96.7	96.9	97.2	98.0	98.1	98.5	98.6	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 03-05

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.1	57.9	58.6	58.7	59.0	59.2	59.3	59.3	59.3	59.6	59.7	59.7	59.7	59.7	59.8	59.9
GE 20000	61.8	62.6	63.4	63.5	63.7	63.9	64.1	64.1	64.1	64.3	64.4	64.4	64.4	64.4	64.5	64.7
GE 18000	61.8	62.6	63.4	63.5	63.7	63.9	64.1	64.1	64.1	64.3	64.4	64.4	64.4	64.4	64.5	64.7
GE 16000	61.8	62.6	63.4	63.5	63.7	63.9	64.1	64.1	64.1	64.3	64.4	64.4	64.4	64.4	64.5	64.7
GE 14000	61.8	62.6	63.4	63.5	63.7	63.9	64.1	64.1	64.1	64.3	64.4	64.4	64.4	64.4	64.5	64.7
GE 12000	62.5	63.4	64.1	64.2	64.4	64.7	64.8	64.8	64.8	65.0	65.1	65.1	65.1	65.1	65.2	65.4
GE 10000	64.1	64.9	65.7	65.8	66.1	66.3	66.4	66.4	66.4	66.7	66.8	66.8	66.8	66.8	66.9	67.0
GE 9000	64.3	65.1	66.0	66.1	66.3	66.5	66.7	66.7	66.7	66.9	67.0	67.0	67.0	67.0	67.1	67.3
GE 8000	65.2	66.1	66.9	67.1	67.4	67.6	67.7	67.7	67.7	68.0	68.1	68.1	68.1	68.1	68.2	68.3
GE 7000	65.7	66.7	67.5	67.7	68.0	68.2	68.3	68.3	68.3	68.6	68.7	68.7	68.7	68.7	68.8	68.9
GE 6000	66.4	67.4	68.2	68.4	68.7	68.9	69.0	69.0	69.0	69.3	69.4	69.4	69.4	69.4	69.5	69.6
GE 5000	67.6	68.7	69.5	69.9	70.1	70.3	70.4	70.4	70.4	70.7	70.8	70.8	70.8	70.8	70.9	71.0
GE 4500	69.0	70.1	70.9	71.3	71.5	71.7	71.9	71.9	71.9	72.1	72.2	72.2	72.2	72.2	72.3	72.5
GE 4000	69.4	70.4	71.3	71.6	71.9	72.1	72.2	72.2	72.2	72.5	72.6	72.6	72.6	72.6	72.7	72.8
GE 3500	69.5	70.6	71.4	71.7	72.1	72.3	72.5	72.5	72.5	72.7	72.8	72.8	72.8	72.8	72.9	73.0
GE 3000	70.9	72.1	72.9	73.5	73.9	74.1	74.3	74.3	74.3	74.6	74.7	74.7	74.7	74.7	74.8	74.9
GE 2500	73.0	74.2	75.1	75.7	76.0	76.2	76.5	76.5	76.5	76.7	76.8	76.8	76.8	76.8	77.0	77.1
GE 2000	75.1	76.2	77.1	77.7	78.0	78.3	78.5	78.5	78.5	78.7	78.8	78.8	78.8	78.8	79.0	79.1
GE 1800	75.9	77.1	77.9	78.5	78.8	79.1	79.3	79.3	79.3	79.6	79.7	79.7	79.7	79.7	79.8	79.9
GE 1500	78.5	79.7	80.6	81.7	82.2	82.4	82.6	82.6	82.6	83.3	83.5	83.5	83.5	83.6	83.7	83.8
GE 1200	79.8	81.1	82.2	83.2	83.7	83.9	84.2	84.2	84.2	84.9	85.0	85.0	85.0	85.1	85.2	85.3
GE 1000	82.7	84.3	85.5	86.6	87.1	87.4	87.6	87.6	87.6	88.3	88.4	88.4	88.4	88.5	88.7	88.8
GE 900	83.3	85.0	86.2	87.4	87.8	88.1	88.3	88.3	88.3	89.0	89.1	89.1	89.1	89.2	89.4	89.5
GE 800	83.8	85.5	86.8	87.9	88.8	89.0	89.2	89.2	89.4	90.1	90.2	90.2	90.2	90.3	90.4	90.5
GE 700	83.9	85.6	87.0	88.3	89.1	89.4	89.7	89.7	89.8	90.5	90.7	90.7	90.7	90.8	90.9	91.0
GE 600	84.0	85.7	87.2	88.7	89.5	89.7	90.3	90.3	90.5	91.3	91.5	91.5	91.5	91.6	91.7	91.8
GE 500	84.2	85.8	87.7	89.8	90.9	91.1	91.8	91.8	92.1	92.8	93.0	93.0	93.1	93.4	93.5	93.6
GE 400	84.5	86.4	88.3	91.1	92.9	93.1	94.1	94.1	94.3	95.2	95.4	95.4	95.5	95.7	96.1	96.2
GE 300	84.5	86.4	88.3	91.4	93.3	93.6	95.0	95.0	95.3	96.2	96.5	96.5	96.6	96.8	97.2	97.3
GE 200	84.5	86.4	88.3	91.4	93.3	93.6	95.0	95.2	95.4	96.6	97.2	97.2	97.4	97.6	98.0	98.1
GE 100	84.5	86.4	88.3	91.4	93.3	93.6	95.0	95.2	95.4	96.6	97.2	97.3	97.6	97.9	98.3	98.5
GE 000	84.5	86.4	88.3	91.4	93.3	93.6	95.0	95.2	95.4	96.6	97.3	97.4	97.9	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 06-08

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.5	54.1	54.6	54.8	55.4	55.6	56.1	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.9	57.0
GE 20000	56.3	57.9	58.4	58.6	59.3	59.5	60.0	60.4	60.4	60.5	60.6	60.6	60.6	60.6	61.0	61.5
GE 18000	56.4	58.0	58.5	58.7	59.5	59.6	60.2	60.5	60.5	60.6	60.8	60.8	60.8	60.8	61.1	61.6
GE 16000	56.5	58.2	58.7	59.0	59.7	59.8	60.4	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.3	61.8
GE 14000	56.9	58.5	59.1	59.3	60.0	60.2	60.8	61.1	61.1	61.2	61.3	61.3	61.3	61.3	61.7	62.2
GE 12000	57.3	59.0	59.7	59.9	60.6	60.8	61.3	61.7	61.7	61.8	61.9	61.9	61.9	61.9	62.3	62.8
GE 10000	59.5	61.1	61.9	62.2	62.9	63.0	63.6	63.9	63.9	64.1	64.2	64.2	64.2	64.2	64.5	65.0
GE 9000	59.8	61.5	62.3	62.5	63.2	63.4	63.9	64.3	64.3	64.4	64.5	64.5	64.5	64.5	64.9	65.4
GE 8000	61.5	63.2	64.2	64.4	65.1	65.2	65.8	66.2	66.2	66.3	66.4	66.4	66.4	66.4	66.8	67.3
GE 7000	61.8	63.6	64.5	64.8	65.5	65.6	66.2	66.5	66.5	66.7	66.8	66.8	66.8	66.8	67.1	67.6
GE 6000	62.6	64.4	65.4	65.6	66.3	66.4	67.0	67.4	67.4	67.5	67.6	67.6	67.6	67.6	68.0	68.4
GE 5000	63.6	65.5	66.4	66.7	67.4	67.5	68.1	68.4	68.4	68.6	68.7	68.7	68.7	68.7	69.0	69.5
GE 4500	64.9	66.9	67.8	68.1	68.8	68.9	69.5	69.9	69.9	70.0	70.1	70.1	70.1	70.1	70.4	70.9
GE 4000	65.4	67.4	68.3	68.6	69.3	69.4	70.0	70.3	70.3	70.4	70.6	70.6	70.6	70.6	70.9	71.4
GE 3500	65.8	67.8	69.0	69.3	70.0	70.1	70.7	71.0	71.0	71.2	71.3	71.3	71.3	71.3	71.6	72.1
GE 3000	67.1	69.3	70.4	70.7	71.4	71.5	72.1	72.5	72.5	72.6	72.7	72.7	72.7	72.7	73.0	73.5
GE 2500	67.8	70.0	71.6	72.0	72.7	72.8	73.4	73.8	73.8	73.9	74.0	74.0	74.0	74.0	74.3	74.8
GE 2000	69.7	71.9	73.5	74.0	74.7	74.8	75.4	75.9	75.9	76.0	76.1	76.1	76.1	76.1	76.5	77.0
GE 1800	71.0	73.2	74.8	75.4	76.1	76.2	76.8	77.3	77.3	77.4	77.5	77.5	77.5	77.5	77.9	78.4
GE 1500	72.9	75.1	77.1	78.0	78.7	78.8	79.4	79.9	79.9	80.0	80.1	80.1	80.1	80.1	80.5	81.0
GE 1200	75.2	77.3	79.3	80.3	81.0	81.1	81.8	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.9	83.3
GE 1000	76.7	79.0	81.1	82.0	82.9	83.0	83.8	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.9	85.3
GE 900	77.0	79.3	81.7	82.6	83.5	83.6	84.4	84.9	84.9	85.0	85.1	85.1	85.1	85.1	85.5	85.9
GE 800	77.4	80.4	83.1	84.4	85.3	85.5	86.3	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.4	87.8
GE 700	77.9	80.9	83.6	85.2	86.4	86.5	87.5	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.7	89.1
GE 600	78.1	81.3	84.2	86.1	87.2	87.4	88.3	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.5	90.0
GE 500	78.5	82.3	85.2	87.8	89.4	89.5	90.5	91.3	91.3	91.5	91.6	91.6	91.6	91.6	92.0	92.4
GE 400	78.6	82.4	85.3	88.1	90.2	90.4	91.7	92.6	92.6	92.8	92.9	92.9	92.9	92.9	93.3	93.7
GE 300	78.6	82.5	85.5	88.4	90.8	91.4	92.8	93.6	93.6	94.0	94.2	94.2	94.2	94.2	94.6	95.3
GE 200	78.6	82.5	85.6	88.5	90.9	91.5	93.1	94.1	94.1	94.7	94.9	94.9	95.3	95.3	95.6	96.3
GE 100	78.6	82.5	85.6	88.5	91.1	91.7	93.4	94.3	94.3	95.3	95.7	95.7	96.5	96.5	97.6	98.6
GE 000	78.6	82.5	85.6	88.5	91.1	91.7	93.4	94.3	94.3	95.3	96.0	96.0	96.7	96.7	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 09-11

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.1	49.9	50.0	50.1	50.7	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9	51.1	51.4
GE 20000	55.6	56.5	56.7	56.9	57.7	57.8	57.8	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.2	58.5
GE 18000	56.0	57.0	57.2	57.3	58.2	58.3	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.6	59.0
GE 16000	56.0	57.0	57.2	57.3	58.2	58.3	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.6	59.0
GE 14000	56.9	57.9	58.2	58.3	59.1	59.2	59.2	59.3	59.3	59.3	59.5	59.5	59.5	59.5	59.6	59.9
GE 12000	57.9	59.1	59.3	59.5	60.3	60.4	60.4	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.8	61.1
GE 10000	60.2	61.3	61.6	61.7	62.6	62.8	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.4	63.7
GE 9000	60.3	61.5	61.7	61.8	62.8	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.5	63.8
GE 8000	61.2	62.4	62.6	62.8	63.8	63.9	63.9	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.5	64.9
GE 7000	61.2	62.4	63.0	63.2	64.3	64.4	64.4	64.5	64.5	64.5	64.7	64.7	64.7	64.7	65.0	65.4
GE 6000	61.2	62.4	63.0	63.2	64.3	64.4	64.4	64.5	64.5	64.5	64.7	64.7	64.7	64.7	65.0	65.4
GE 5000	61.6	62.9	63.5	63.7	64.8	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.5	65.8
GE 4500	62.3	63.6	64.2	64.4	65.7	65.8	65.8	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.4	66.8
GE 4000	62.4	63.7	64.3	64.7	66.1	66.2	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.8	67.1
GE 3500	63.2	64.7	65.4	65.7	67.1	67.3	67.3	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.8	68.2
GE 3000	63.8	65.2	66.1	66.4	67.8	68.0	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.6	68.9
GE 2500	65.2	66.8	67.7	68.1	69.5	69.6	69.6	69.7	69.7	69.7	69.9	69.9	69.9	69.9	70.2	70.6
GE 2000	66.5	68.3	69.4	70.0	71.4	71.5	71.6	71.7	71.7	71.7	71.9	71.9	71.9	71.9	72.2	72.6
GE 1800	67.4	69.1	70.3	70.9	72.3	72.6	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	73.3	73.6
GE 1500	69.1	71.0	72.7	73.5	74.9	75.2	75.3	75.4	75.4	75.4	75.7	75.7	75.7	75.7	76.0	76.4
GE 1200	71.9	74.2	76.1	77.2	78.7	79.0	79.1	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.8	80.1
GE 1000	73.3	76.0	78.5	79.6	81.7	81.9	82.2	82.3	82.3	82.4	82.6	82.7	82.7	82.7	83.1	83.5
GE 900	73.6	76.5	79.2	80.4	82.5	82.7	83.3	83.5	83.5	83.6	83.8	83.9	83.9	83.9	84.3	84.6
GE 800	75.4	78.4	81.4	83.1	85.5	85.8	86.6	86.8	86.8	86.9	87.1	87.2	87.2	87.2	87.6	87.9
GE 700	75.8	78.8	82.2	84.0	86.5	87.0	87.9	88.1	88.1	88.2	88.4	88.5	88.5	88.5	88.9	89.2
GE 600	75.8	78.8	82.2	84.0	86.9	87.4	88.4	88.7	88.7	88.8	89.0	89.1	89.1	89.1	89.5	89.8
GE 500	75.8	79.0	82.7	85.1	88.2	88.8	90.3	91.0	91.0	91.3	91.5	91.6	91.6	91.6	92.0	92.3
GE 400	75.8	79.6	83.8	86.5	90.0	90.5	92.4	93.5	93.5	93.7	94.1	94.2	94.2	94.2	94.6	94.9
GE 300	75.8	79.6	83.8	86.5	90.0	90.5	92.9	94.6	94.7	94.9	95.4	95.5	95.5	95.5	95.9	96.5
GE 200	75.8	79.6	83.8	86.6	90.1	90.7	93.1	94.8	94.8	95.3	96.3	96.5	96.5	96.9	97.0	97.4
GE 100	75.8	79.6	83.8	86.6	90.1	90.7	93.1	94.8	94.9	95.4	96.6	96.7	97.3	97.4	98.2	99.2
GE 000	75.8	79.6	83.8	86.6	90.1	90.7	93.1	94.8	94.9	95.4	96.6	96.7	97.3	97.4	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 12-14

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.0	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 20000	60.6	61.0	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
GE 18000	61.3	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 16000	61.6	61.9	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
GE 14000	62.3	62.6	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
GE 12000	63.6	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 10000	65.2	65.6	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 9000	65.4	65.7	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 8000	66.3	66.7	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 7000	66.3	66.7	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 6000	66.7	67.0	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 5000	66.9	67.3	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 4500	67.5	67.8	68.3	68.4	68.4	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 4000	68.7	69.0	69.5	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 3500	69.3	69.6	70.1	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 3000	71.0	71.4	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 2500	73.5	73.9	74.3	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 2000	76.7	77.3	77.8	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 1800	77.9	78.5	79.1	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 1500	80.3	81.2	82.2	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.9	82.9	82.9	82.9
GE 1200	82.7	83.9	84.9	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7
GE 1000	84.4	86.1	87.2	87.8	88.1	88.1	88.2	88.5	88.5	88.5	88.5	88.5	88.7	88.7	88.7	88.7
GE 900	84.8	86.4	87.9	88.9	89.2	89.2	89.6	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1
GE 800	85.6	87.4	89.5	90.7	91.4	91.5	91.8	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3
GE 700	85.8	87.9	90.1	91.3	92.2	92.3	92.8	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.3
GE 600	85.9	88.1	90.2	91.4	92.4	92.6	93.3	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
GE 500	85.9	88.2	90.3	91.8	93.1	93.5	94.3	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
GE 400	86.3	88.9	91.0	92.7	94.4	95.0	95.9	97.2	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.5
GE 300	86.3	88.9	91.0	92.8	94.8	95.4	96.3	98.1	98.2	98.6	99.3	99.3	99.6	99.6	99.6	99.6
GE 200	86.3	88.9	91.0	92.8	94.8	95.4	96.3	98.1	98.2	98.6	99.5	99.5	99.9	99.9	99.9	100.0
GE 100	86.3	88.9	91.0	92.8	94.8	95.4	96.3	98.1	98.2	98.6	99.5	99.5	99.9	99.9	99.9	100.0
GE 000	86.3	88.9	91.0	92.8	94.8	95.4	96.3	98.1	98.2	98.6	99.5	99.5	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 15-17

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.7	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 20000	65.2	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 18000	66.1	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 16000	66.3	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 14000	66.4	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 12000	67.7	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
GE 10000	68.9	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 9000	69.6	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 8000	71.6	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 7000	71.9	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 6000	72.1	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 5000	72.9	73.8	73.8	73.8	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 4500	73.9	74.7	74.8	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
GE 4000	75.3	76.1	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 3500	75.8	76.7	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 3000	77.4	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 2500	78.7	79.7	79.8	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 2000	80.0	81.2	81.4	81.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1800	81.0	82.2	82.4	82.6	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 1500	83.3	85.2	85.5	85.9	86.2	86.5	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1200	85.0	87.1	87.5	88.1	88.4	88.8	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1000	86.2	88.4	89.0	89.7	90.2	90.7	91.0	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 900	87.0	89.5	90.2	90.9	91.6	92.1	92.4	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 800	87.5	90.2	91.1	91.8	92.7	93.3	93.6	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 700	88.2	91.1	92.2	93.4	94.4	95.2	95.6	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 600	88.2	91.3	92.6	93.7	94.9	95.6	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 500	88.3	91.5	93.0	94.3	95.5	96.3	96.8	96.8	96.8	97.3	97.5	97.5	97.5	97.5	97.5	97.5
GE 400	88.4	91.6	93.3	94.7	96.3	97.3	97.9	98.2	98.2	98.7	99.1	99.1	99.3	99.3	99.3	99.3
GE 300	88.4	91.6	93.3	94.7	96.3	97.3	97.9	98.3	98.6	99.2	99.5	99.5	99.8	99.8	99.8	99.8
GE 200	88.4	91.6	93.3	94.7	96.3	97.3	97.9	98.3	98.7	99.3	99.6	99.6	99.9	99.9	100.0	100.0
GE 100	88.4	91.6	93.3	94.7	96.3	97.3	97.9	98.3	98.7	99.3	99.6	99.6	99.9	99.9	100.0	100.0
GE 000	88.4	91.6	93.3	94.7	96.3	97.3	97.9	98.3	98.7	99.3	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 18-20

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.7	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 20000	65.4	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 18000	66.0	66.4	66.5	66.5	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 16000	66.0	66.4	66.5	66.5	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 14000	66.0	66.4	66.5	66.5	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 12000	67.5	68.0	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
GE 10000	69.1	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 9000	69.5	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 8000	71.5	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 7000	72.0	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 6000	72.5	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 5000	73.4	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 4500	75.4	75.9	76.0	76.1	76.1	76.1	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 4000	76.4	76.8	77.0	77.1	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3500	77.4	77.9	78.0	78.1	78.1	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 3000	79.4	80.0	80.1	80.3	80.4	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 2500	80.5	81.3	81.4	81.6	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 2000	82.9	83.7	83.8	83.9	84.0	84.0	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1800	83.0	83.8	83.9	84.0	84.2	84.2	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1500	85.2	86.3	86.4	86.5	86.6	86.6	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1200	86.2	87.2	87.6	87.7	87.8	87.8	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1000	87.7	89.2	89.6	89.7	89.8	89.8	90.2	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
GE 900	88.8	90.3	90.7	91.1	91.3	91.3	91.6	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0
GE 800	89.2	91.4	92.0	92.8	93.0	93.1	93.5	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9
GE 700	89.7	92.0	92.7	94.0	94.2	94.3	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
GE 600	89.7	92.4	93.1	94.4	94.9	95.0	95.5	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 500	90.4	93.3	94.1	95.4	96.0	96.1	97.0	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 400	90.5	93.4	94.2	95.5	96.2	96.5	97.6	98.2	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	90.5	93.4	94.3	95.6	96.3	96.6	98.0	98.6	98.6	98.8	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	90.5	93.4	94.3	95.6	96.3	96.6	98.0	98.6	98.6	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.5	93.4	94.3	95.6	96.3	96.6	98.0	98.6	98.6	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.5	93.4	94.3	95.6	96.3	96.6	98.0	98.6	98.6	98.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 21-23

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.0	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 20000	66.3	67.1	67.1	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
GE 18000	66.4	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 16000	66.4	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 14000	66.4	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 12000	68.4	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 10000	71.3	72.1	72.1	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
GE 9000	71.5	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 8000	72.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 7000	74.0	74.9	74.9	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 6000	74.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 5000	75.4	76.4	76.4	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 4500	76.4	77.3	77.3	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 4000	77.0	77.9	77.9	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 3500	77.2	78.1	78.1	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 3000	78.8	79.9	80.0	80.7	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2500	80.3	81.3	81.6	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 2000	82.5	83.6	83.8	84.5	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1800	83.3	84.5	84.8	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1500	85.9	87.1	87.4	88.1	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1200	87.7	88.9	89.1	89.8	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1000	88.2	89.5	89.7	90.7	91.1	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 900	88.8	90.2	90.5	91.5	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3
GE 800	88.8	90.4	90.9	92.1	92.6	92.6	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
GE 700	89.2	91.3	91.8	93.6	94.3	94.3	94.6	94.7	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9
GE 600	89.2	91.4	92.0	93.7	94.4	94.4	94.7	94.8	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0
GE 500	90.2	92.3	92.9	95.2	96.1	96.1	96.3	96.5	96.5	96.5	96.7	96.8	96.9	96.9	96.9	96.9
GE 400	90.4	92.7	93.3	95.5	96.6	96.6	96.9	97.0	97.0	97.0	97.3	97.4	97.5	97.5	97.5	97.5
GE 300	90.4	92.7	93.4	95.6	96.9	96.9	97.4	97.5	97.5	97.5	98.2	98.3	98.5	98.5	98.5	98.5
GE 200	90.4	92.7	93.4	95.6	97.0	97.0	97.5	97.8	97.8	97.9	98.9	99.1	99.3	99.3	99.3	99.3
GE 100	90.4	92.7	93.4	95.6	97.0	97.0	97.5	97.8	97.8	97.9	98.9	99.1	99.5	99.6	99.6	99.6
GE 000	90.4	92.7	93.4	95.6	97.0	97.0	97.5	97.8	97.8	97.9	98.9	99.1	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

1. The first group of people who are not in the labor force are those who are not in the labor force because they are not in the labor force. This group is the largest group of people who are not in the labor force.

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 00-02

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.9	63.5	64.0	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7
GE 20000	67.2	67.8	68.3	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0
GE 18000	67.5	68.2	68.6	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4
GE 16000	67.5	68.2	68.6	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4
GE 14000	67.5	68.2	68.6	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4
GE 12000	68.8	69.5	69.9	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6
GE 10000	70.3	71.3	71.7	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5
GE 9000	70.6	71.6	72.0	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8
GE 8000	71.8	72.8	73.2	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0
GE 7000	72.9	73.9	74.3	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.1	75.1
GE 6000	73.1	74.1	74.5	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3
GE 5000	74.3	75.3	75.7	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5
GE 4500	75.3	76.2	76.7	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4
GE 4000	76.5	77.4	77.8	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6
GE 3500	77.2	78.2	78.6	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79.4
GE 3000	79.2	80.9	81.3	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0
GE 2500	81.2	83.0	83.7	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4
GE 2000	84.2	86.0	86.7	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4
GE 1800	85.1	86.9	87.5	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3
GE 1500	87.0	88.9	89.6	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5
GE 1200	88.0	89.9	90.5	90.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6
GE 1000	89.8	91.7	92.6	93.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8
GE 900	90.4	92.5	93.3	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5
GE 800	91.0	93.2	94.1	94.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3
GE 700	91.4	94.1	94.9	95.5	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5
GE 600	91.6	94.3	95.3	95.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8
GE 500	91.7	94.6	95.7	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6
GE 400	91.8	94.7	96.5	97.4	98.5	98.5	98.7	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.2	99.2
GE 300	91.8	94.7	96.5	97.5	98.6	98.6	98.8	98.9	98.9	99.1	99.4	99.4	99.4	99.4	99.5	99.5
GE 200	91.8	94.7	96.5	97.5	98.6	98.6	98.8	98.9	98.9	99.6	99.8	99.8	99.8	99.8	99.9	99.9
GE 100	91.8	94.7	96.5	97.5	98.6	98.6	98.8	98.9	98.9	99.6	99.8	99.8	99.8	99.8	99.9	99.9
GE 000	91.8	94.7	96.5	97.5	98.6	98.6	98.8	98.9	98.9	99.6	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 03-05

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.9	60.2	61.0	61.4	61.8	61.8	62.0	62.2	62.2	62.4	62.6	62.6	62.6	62.6	62.7	62.7
GE 20000	62.8	64.2	64.9	65.5	65.9	65.9	66.1	66.2	66.2	66.5	66.7	66.7	66.7	66.7	66.8	66.8
GE 18000	63.0	64.4	65.2	65.7	66.1	66.1	66.3	66.5	66.5	66.7	66.9	66.9	66.9	66.9	67.1	67.1
GE 16000	63.0	64.4	65.2	65.7	66.1	66.1	66.3	66.5	66.5	66.7	66.9	66.9	66.9	66.9	67.1	67.1
GE 14000	63.0	64.4	65.2	65.7	66.1	66.1	66.3	66.5	66.5	66.7	66.9	66.9	66.9	66.9	67.1	67.1
GE 12000	63.7	65.1	65.8	66.3	66.8	66.8	67.0	67.1	67.1	67.3	67.5	67.5	67.5	67.5	67.7	67.7
GE 10000	65.8	67.5	68.3	68.8	69.2	69.2	69.5	69.6	69.6	69.8	70.0	70.0	70.0	70.0	70.2	70.2
GE 9000	66.0	67.7	68.5	69.0	69.5	69.5	69.7	69.8	69.8	70.0	70.2	70.2	70.2	70.2	70.4	70.4
GE 8000	67.4	69.4	70.1	70.6	71.1	71.1	71.3	71.4	71.4	71.6	71.8	71.8	71.8	71.8	72.0	72.0
GE 7000	68.3	70.3	71.1	71.6	72.0	72.0	72.3	72.4	72.4	72.6	72.8	72.8	72.8	72.8	73.0	73.0
GE 6000	68.7	70.8	71.5	72.0	72.6	72.6	72.9	73.0	73.0	73.2	73.4	73.4	73.4	73.4	73.7	73.7
GE 5000	69.9	71.9	72.7	73.2	73.8	73.8	74.1	74.2	74.2	74.4	74.6	74.6	74.6	74.6	74.8	74.8
GE 4500	71.5	73.5	74.3	74.8	75.4	75.4	75.7	75.8	75.8	76.0	76.2	76.2	76.2	76.2	76.5	76.5
GE 4000	72.4	74.4	75.2	75.7	76.2	76.2	76.6	76.7	76.7	76.9	77.1	77.1	77.1	77.1	77.3	77.3
GE 3500	73.3	75.6	76.3	76.9	77.4	77.4	77.7	77.8	77.8	78.1	78.3	78.3	78.3	78.3	78.5	78.5
GE 3000	74.8	77.2	78.1	78.6	79.1	79.1	79.5	79.6	79.6	79.8	80.0	80.0	80.0	80.0	80.2	80.2
GE 2500	76.0	78.5	79.6	80.2	80.8	80.8	81.1	81.2	81.2	81.4	81.6	81.6	81.6	81.6	81.8	81.8
GE 2000	78.9	81.4	82.5	83.1	83.7	83.7	84.0	84.1	84.1	84.3	84.5	84.5	84.5	84.5	84.7	84.7
GE 1800	79.6	82.0	83.1	83.8	84.3	84.3	84.6	84.7	84.7	84.9	85.2	85.2	85.2	85.2	85.4	85.4
GE 1500	81.3	83.9	84.9	85.6	86.5	86.5	86.8	86.9	86.9	87.1	87.3	87.3	87.3	87.3	87.5	87.5
GE 1200	82.4	85.1	86.2	86.9	87.7	87.7	88.1	88.2	88.2	88.4	88.6	88.6	88.6	88.6	88.8	88.8
GE 1000	84.3	87.2	88.4	89.0	90.0	90.0	90.3	90.4	90.4	90.6	91.0	91.0	91.0	91.0	91.2	91.2
GE 900	84.8	88.1	89.2	89.9	90.9	90.9	91.2	91.3	91.3	91.5	91.8	91.8	91.8	91.8	92.0	92.0
GE 800	86.3	89.8	91.0	91.7	92.9	92.9	93.2	93.3	93.3	93.5	93.9	93.9	93.9	93.9	94.1	94.1
GE 700	86.9	90.4	91.7	92.6	93.9	93.9	94.2	94.3	94.3	94.5	94.8	94.8	94.8	94.8	95.1	95.1
GE 600	87.2	91.1	92.4	93.3	94.6	94.6	94.9	95.1	95.1	95.3	95.6	95.6	95.6	95.6	95.8	95.8
GE 500	87.7	92.0	93.4	94.4	95.7	95.7	96.0	96.2	96.2	96.5	96.8	96.8	96.8	96.8	97.0	97.0
GE 400	88.1	92.5	93.9	94.9	96.3	96.3	96.7	96.9	96.9	97.1	97.4	97.4	97.4	97.4	97.6	97.6
GE 300	88.2	92.7	94.1	95.3	96.8	96.8	97.2	97.4	97.4	97.6	98.0	98.0	98.1	98.1	98.3	98.3
GE 200	88.2	92.7	94.1	95.3	97.0	97.0	97.5	97.8	97.8	98.4	98.7	98.7	98.9	98.9	99.1	99.1
GE 100	88.2	92.7	94.1	95.3	97.0	97.0	97.6	98.0	98.0	98.5	98.8	98.8	99.0	99.0	99.2	99.4
GE 000	88.2	92.7	94.1	95.3	97.0	97.0	97.6	98.0	98.0	98.5	98.8	98.8	99.0	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 06-08

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.7	50.8	51.6	51.8	52.6	52.9	53.2	53.3	53.3	53.4	53.7	53.7	53.8	53.8	54.0	54.0
GE 20000	54.9	56.1	57.1	57.3	58.2	58.5	58.8	58.9	58.9	59.0	59.2	59.2	59.4	59.4	59.6	59.6
GE 18000	55.1	56.2	57.2	57.4	58.3	58.6	58.9	59.0	59.0	59.1	59.4	59.4	59.5	59.5	59.7	59.7
GE 16000	55.1	56.2	57.2	57.4	58.3	58.6	58.9	59.0	59.0	59.1	59.4	59.4	59.5	59.5	59.7	59.7
GE 14000	55.7	56.9	57.8	58.1	59.0	59.4	59.7	59.8	59.8	60.0	60.2	60.2	60.3	60.3	60.5	60.5
GE 12000	57.1	58.3	59.4	59.6	60.5	60.9	61.2	61.3	61.3	61.5	61.7	61.7	61.8	61.8	62.0	62.0
GE 10000	59.0	60.2	61.3	61.5	62.5	62.8	63.1	63.3	63.3	63.5	63.8	63.8	63.9	63.9	64.1	64.1
GE 9000	59.1	60.3	61.4	61.6	62.7	63.0	63.3	63.5	63.5	63.8	64.0	64.0	64.1	64.1	64.3	64.3
GE 8000	61.0	62.3	63.5	63.8	64.8	65.2	65.7	65.9	65.9	66.1	66.3	66.3	66.5	66.5	66.7	66.8
GE 7000	61.8	63.2	64.5	64.7	65.8	66.1	66.7	66.9	66.9	67.1	67.3	67.3	67.4	67.4	67.6	67.7
GE 6000	61.9	63.3	64.6	64.8	65.9	66.2	66.8	67.0	67.0	67.2	67.4	67.4	67.5	67.5	67.7	67.8
GE 5000	63.0	64.4	65.7	65.9	67.0	67.3	67.8	68.1	68.1	68.3	68.5	68.5	68.6	68.6	68.8	68.9
GE 4500	65.2	66.7	68.1	68.4	69.5	69.8	70.3	70.5	70.5	70.8	71.0	71.0	71.1	71.1	71.3	71.4
GE 4000	65.9	67.4	68.8	69.1	70.2	70.5	71.1	71.3	71.3	71.5	71.7	71.7	71.8	71.8	72.0	72.2
GE 3500	66.9	68.5	70.0	70.3	71.5	71.8	72.4	72.6	72.6	72.8	73.0	73.0	73.1	73.1	73.3	73.4
GE 3000	68.7	70.4	71.9	72.3	73.4	73.8	74.3	74.5	74.5	74.7	74.9	74.9	75.1	75.1	75.3	75.4
GE 2500	70.2	71.9	73.5	73.9	75.1	75.4	75.9	76.1	76.1	76.3	76.6	76.6	76.7	76.7	76.9	77.0
GE 2000	73.2	75.2	76.9	77.4	78.7	79.0	79.6	79.8	79.8	80.0	80.2	80.2	80.3	80.3	80.5	80.6
GE 1800	73.7	75.7	77.5	78.1	79.5	79.8	80.3	80.5	80.5	80.8	81.0	81.0	81.1	81.1	81.3	81.4
GE 1500	77.0	79.1	81.1	81.7	83.3	83.7	84.2	84.4	84.4	84.6	84.8	84.8	84.9	84.9	85.2	85.3
GE 1200	78.5	80.8	82.8	83.4	85.3	85.6	86.1	86.5	86.5	86.7	86.9	86.9	87.0	87.0	87.2	87.3
GE 1000	79.1	81.4	83.7	84.3	86.2	86.6	87.1	87.4	87.4	87.6	87.8	87.8	88.0	88.0	88.2	88.3
GE 900	79.7	82.2	84.5	85.2	87.3	87.6	88.2	88.5	88.5	88.7	88.9	88.9	89.0	89.0	89.2	89.4
GE 800	80.8	83.3	86.0	86.9	89.1	89.6	90.2	90.6	90.6	91.1	91.3	91.3	91.4	91.4	91.6	91.7
GE 700	80.8	83.4	86.2	87.2	89.5	89.9	90.5	91.0	91.1	91.5	91.7	91.7	91.8	91.8	92.0	92.2
GE 600	81.0	83.8	86.7	87.6	89.9	90.3	91.0	91.4	91.5	92.0	92.3	92.3	92.4	92.4	92.6	92.7
GE 500	81.8	84.7	87.7	88.7	91.1	91.5	92.2	92.8	93.0	93.9	94.2	94.2	94.3	94.3	94.5	94.6
GE 400	81.9	85.1	88.1	89.2	91.7	92.2	92.8	93.7	94.1	94.9	95.4	95.4	95.5	95.5	95.7	95.9
GE 300	82.0	85.3	88.3	89.6	92.3	92.7	93.8	94.6	95.2	96.0	96.5	96.5	96.7	96.8	97.2	97.5
GE 200	82.0	85.3	88.4	89.7	92.5	92.9	94.0	95.1	95.6	96.7	97.1	97.1	97.4	97.5	98.1	98.5
GE 100	82.0	85.3	88.4	89.7	92.5	92.9	94.0	95.1	95.6	96.8	97.2	97.2	97.5	97.7	98.3	99.0
GE 000	82.0	85.3	88.4	89.7	92.5	92.9	94.0	95.1	95.6	96.8	97.2	97.2	97.5	97.7	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 09-11

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.9	50.5	51.0	51.2	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8
GE 20000	58.7	59.5	59.9	60.2	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9
GE 18000	58.7	59.5	59.9	60.2	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9
GE 16000	58.7	59.5	59.9	60.2	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9
GE 14000	59.6	60.3	60.8	61.1	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7
GE 12000	61.3	62.0	62.6	62.9	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.7
GE 10000	63.0	63.9	64.4	64.7	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5
GE 9000	63.1	64.0	64.5	64.8	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6
GE 8000	66.1	67.1	68.0	68.4	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2
GE 7000	67.4	68.4	69.4	69.8	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6
GE 6000	67.5	68.5	69.5	69.9	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8
GE 5000	68.7	69.7	70.8	71.2	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0
GE 4500	70.6	71.7	72.8	73.2	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1
GE 4000	71.5	72.8	73.9	74.3	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2
GE 3500	71.9	73.3	74.4	74.8	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7
GE 3000	72.8	74.2	75.3	75.7	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6
GE 2500	74.9	76.3	77.4	77.8	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8
GE 2000	77.0	78.8	80.1	80.6	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6
GE 1800	77.8	79.7	81.0	81.6	82.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6
GE 1500	80.3	82.4	84.0	84.6	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6
GE 1200	81.9	84.2	86.0	86.8	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.0
GE 1000	82.9	85.7	87.6	88.7	89.8	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.9
GE 900	83.3	86.2	88.3	89.6	90.8	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.9
GE 800	84.0	87.2	89.5	91.0	92.4	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.7
GE 700	84.0	87.2	89.6	91.2	92.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.2
GE 600	84.1	87.4	90.0	91.7	93.4	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.1
GE 500	84.1	87.6	90.3	92.3	94.0	95.2	95.4	95.9	96.1	96.3	96.5	96.5	96.5	96.6	96.6	96.9
GE 400	84.1	87.6	90.4	92.6	94.6	96.0	96.2	97.0	97.2	97.4	97.5	97.5	97.5	97.6	97.6	98.0
GE 300	84.1	87.6	90.5	92.7	94.9	96.3	96.8	97.7	98.1	98.5	98.6	98.6	98.6	98.7	98.7	99.0
GE 200	84.1	87.6	90.5	92.7	94.9	96.3	96.8	97.7	98.1	98.5	98.7	98.7	98.7	98.8	98.9	99.6
GE 100	84.1	87.6	90.5	92.7	94.9	96.3	96.8	97.7	98.1	98.5	98.7	98.7	98.7	98.8	98.9	99.6
GE 000	84.1	87.6	90.5	92.7	94.9	96.3	96.8	97.7	98.1	98.5	98.7	98.7	98.8	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 12-14

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.8	54.1	54.3	54.3	54.4	54.4	54.4	54.4	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7
GE 20000	63.3	63.7	64.0	64.0	64.1	64.1	64.1	64.1	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4
GE 18000	63.4	63.8	64.1	64.1	64.2	64.2	64.2	64.2	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5
GE 16000	63.5	63.9	64.2	64.2	64.3	64.3	64.3	64.3	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6
GE 14000	64.4	64.7	65.1	65.1	65.2	65.2	65.2	65.2	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5
GE 12000	66.0	66.3	66.7	66.7	66.8	66.8	66.8	66.8	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1
GE 10000	67.4	67.7	68.1	68.1	68.2	68.2	68.2	68.2	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5
GE 9000	67.8	68.2	68.5	68.5	68.6	68.6	68.6	68.6	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9
GE 8000	70.1	70.4	70.8	70.8	70.9	70.9	70.9	70.9	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2
GE 7000	71.0	71.3	71.6	71.6	71.7	71.7	71.7	71.7	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0
GE 6000	71.2	71.5	71.8	71.8	71.9	71.9	71.9	71.9	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3
GE 5000	71.7	72.0	72.4	72.4	72.5	72.5	72.5	72.5	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8
GE 4500	73.1	73.5	73.9	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4
GE 4000	74.6	75.1	75.6	75.7	75.8	75.8	75.8	75.8	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1
GE 3500	75.3	75.7	76.2	76.3	76.5	76.5	76.5	76.5	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8
GE 3000	77.1	77.5	78.2	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7
GE 2500	79.4	80.0	80.8	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3
GE 2000	82.5	83.1	84.1	84.2	84.3	84.3	84.3	84.3	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6
GE 1800	83.7	84.3	85.3	85.4	85.5	85.5	85.5	85.5	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8
GE 1500	86.9	87.7	88.9	89.2	89.4	89.4	89.4	89.5	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8
GE 1200	88.4	89.4	90.9	91.3	91.4	91.4	91.5	91.7	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0
GE 1000	89.1	90.1	91.6	92.5	92.9	93.0	93.1	93.4	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8
GE 900	89.4	90.4	92.2	93.3	94.0	94.1	94.2	94.5	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8
GE 800	89.5	90.6	92.6	94.0	94.8	94.9	95.1	95.4	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7
GE 700	89.6	90.8	93.3	94.8	95.8	95.9	96.2	96.6	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9
GE 600	89.6	90.9	93.5	95.1	96.5	96.6	96.9	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	89.6	90.9	93.7	95.2	96.6	96.7	97.4	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	89.7	91.0	93.8	95.3	96.7	96.8	97.8	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	89.7	91.0	93.8	95.4	96.8	96.9	98.1	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	89.7	91.0	93.8	95.4	96.8	96.9	98.1	99.0	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7
GE 100	89.7	91.0	93.8	95.4	96.8	96.9	98.1	99.0	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7
GE 000	89.7	91.0	93.8	95.4	96.8	96.9	98.1	99.0	99.4	99.4	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 15-17

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.7	53.1	53.2	53.3	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 20000	61.7	62.3	62.4	62.6	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 18000	62.6	63.1	63.2	63.4	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 16000	63.3	63.9	64.0	64.2	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 14000	64.1	64.6	64.7	65.1	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 12000	65.6	66.1	66.2	66.6	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 10000	66.8	67.3	67.4	67.7	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 9000	66.9	67.4	67.5	67.8	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 8000	69.6	70.2	70.3	70.6	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 7000	69.8	70.4	70.5	70.9	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 6000	70.1	70.8	70.9	71.2	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 5000	71.8	72.5	72.6	72.9	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4500	75.4	76.0	76.1	76.5	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 4000	77.1	77.7	78.0	78.3	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3500	78.5	79.2	79.5	79.8	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 3000	80.3	81.1	81.3	81.6	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 2500	83.5	84.3	84.7	85.2	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 2000	86.0	87.0	88.0	88.4	88.8	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1800	86.5	87.4	88.5	89.0	89.5	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1500	87.3	88.6	89.8	90.4	90.9	91.0	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1200	88.8	90.2	91.8	93.0	93.5	93.7	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1000	88.8	90.8	92.6	93.9	94.8	94.9	95.3	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 900	88.9	90.9	92.7	94.0	94.9	95.1	95.5	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 800	89.4	91.3	93.2	94.6	95.6	95.7	96.2	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	89.5	91.4	93.8	95.3	96.2	96.7	97.5	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	89.5	91.4	93.8	95.4	96.5	97.0	97.8	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	89.5	91.4	93.9	95.6	97.0	97.6	98.6	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	89.5	91.4	93.9	95.7	97.1	97.7	98.7	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	89.5	91.4	93.9	95.7	97.1	97.7	98.7	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	89.5	91.4	93.9	95.7	97.1	97.7	98.8	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.5	91.4	93.9	95.7	97.1	97.7	98.8	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	89.5	91.4	93.9	95.7	97.1	97.7	98.8	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 18-20

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.7	57.7	57.7	57.7	58.0	58.1	58.4	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 20000	67.3	67.5	67.6	67.7	68.0	68.1	68.5	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 18000	68.3	68.5	68.6	68.7	68.9	69.0	69.5	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 16000	68.8	69.0	69.1	69.2	69.5	69.6	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 14000	69.6	69.8	69.9	70.1	70.3	70.4	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 12000	70.3	70.5	70.6	70.9	71.1	71.2	71.6	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 10000	71.8	72.0	72.2	72.4	72.6	72.7	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 9000	72.2	72.4	72.5	72.7	72.9	73.0	73.4	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 8000	73.8	74.0	74.1	74.3	74.5	74.6	75.1	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 7000	74.4	74.6	74.7	74.9	75.2	75.3	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 6000	74.8	75.2	75.3	75.5	75.7	75.8	76.2	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 5000	76.0	76.5	76.6	76.8	77.0	77.1	77.5	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 4500	78.5	78.9	79.0	79.2	79.5	79.6	80.0	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 4000	79.2	80.0	80.1	80.3	80.5	80.6	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 3500	80.5	81.5	81.6	81.8	82.0	82.2	82.6	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3000	83.1	84.2	84.3	84.5	84.7	84.9	85.4	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2500	85.3	86.5	86.6	86.8	87.1	87.3	87.7	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2000	86.2	87.6	87.7	88.0	88.3	88.6	89.0	89.0	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1800	86.9	88.3	88.4	88.6	88.9	89.2	89.7	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1500	88.0	89.6	89.8	90.1	90.6	91.0	91.4	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1200	88.8	90.6	91.0	91.5	92.2	92.6	93.1	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1000	89.0	91.0	91.4	92.0	92.9	93.3	94.0	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5
GE 900	89.2	91.2	91.6	92.3	93.2	93.7	94.4	94.5	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 800	89.7	91.7	92.3	92.9	94.0	94.4	95.2	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 700	89.7	91.7	92.3	92.9	94.3	94.8	95.6	95.8	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	89.7	91.8	92.5	93.1	94.6	95.3	96.2	96.5	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 500	89.7	91.9	93.0	93.8	95.8	96.5	97.7	98.1	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	90.0	92.3	93.3	94.1	96.2	97.0	98.4	98.7	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	90.0	92.3	93.3	94.1	96.2	97.0	98.6	98.9	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.0	92.3	93.3	94.1	96.2	97.0	98.6	98.9	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.0	92.3	93.3	94.1	96.2	97.0	98.6	98.9	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.0	92.3	93.3	94.1	96.2	97.0	98.6	98.9	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 21-23

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.7	64.0	64.1	64.1	64.2	64.3	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 20000	69.4	69.7	69.8	69.8	69.9	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 18000	69.7	70.0	70.1	70.1	70.2	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 16000	69.7	70.0	70.1	70.1	70.2	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 14000	70.0	70.3	70.4	70.4	70.5	70.6	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 12000	71.8	72.2	72.3	72.3	72.4	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 10000	72.8	73.2	73.3	73.3	73.4	73.5	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 9000	73.1	73.5	73.7	73.7	73.8	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 8000	74.8	75.3	75.4	75.4	75.5	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 7000	75.8	76.3	76.5	76.5	76.6	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 6000	75.9	76.7	76.8	76.8	76.9	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 5000	77.5	78.5	78.7	78.7	78.8	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 4500	79.4	80.3	80.5	80.5	80.6	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 4000	80.3	81.4	81.6	81.6	81.8	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 3500	81.4	82.6	82.8	82.8	83.0	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000	83.8	85.3	85.5	85.5	85.7	85.8	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2
GE 2500	85.3	86.8	87.1	87.1	87.3	87.4	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
GE 2000	87.1	88.6	88.9	88.9	89.1	89.2	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
GE 1800	87.8	89.4	89.7	89.7	90.0	90.1	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
GE 1500	88.7	90.2	90.5	90.6	91.0	91.1	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
GE 1200	90.1	91.9	92.3	92.4	92.7	92.8	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
GE 1000	90.5	92.7	93.1	93.2	93.8	93.9	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
GE 900	90.9	93.0	93.4	93.7	94.2	94.3	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 800	91.1	93.4	93.9	94.1	94.6	94.7	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
GE 700	91.5	93.9	94.5	95.4	96.0	96.1	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
GE 600	91.8	94.2	94.9	96.0	96.8	96.9	97.1	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4
GE 500	91.9	94.4	95.2	96.3	97.1	97.2	97.7	97.8	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	91.9	94.5	95.3	96.5	97.5	97.7	98.3	98.4	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	91.9	94.5	95.3	96.6	97.8	98.1	98.6	98.7	98.7	99.2	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	91.9	94.5	95.3	96.6	97.8	98.1	98.6	98.7	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0
GE 100	91.9	94.5	95.3	96.6	97.8	98.1	98.6	98.7	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0
GE 000	91.9	94.5	95.3	96.6	97.8	98.1	98.6	98.7	98.8	99.4	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: ALL

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.2	56.7	57.1	57.3	57.6	57.7	57.8	57.9	57.9	58.0	58.0	58.0	58.1	58.1	58.1	58.1
GE 20000	63.2	63.8	64.2	64.5	64.8	64.9	65.1	65.1	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3
GE 18000	63.5	64.2	64.6	64.8	65.2	65.3	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.7	65.7
GE 16000	63.7	64.4	64.8	65.0	65.3	65.4	65.6	65.6	65.7	65.7	65.8	65.8	65.8	65.8	65.9	65.9
GE 14000	64.2	64.9	65.3	65.6	65.9	66.0	66.2	66.2	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.5
GE 12000	65.6	66.3	66.7	66.9	67.3	67.4	67.5	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8
GE 10000	67.1	67.9	68.3	68.6	68.9	69.0	69.2	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.5	69.5
GE 9000	67.4	68.1	68.6	68.8	69.2	69.3	69.4	69.5	69.5	69.6	69.7	69.7	69.7	69.7	69.8	69.8
GE 8000	69.3	70.2	70.7	70.9	71.3	71.4	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.9	71.9
GE 7000	70.2	71.1	71.6	71.8	72.2	72.3	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.8	72.8
GE 6000	70.4	71.3	71.9	72.1	72.5	72.6	72.8	72.9	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1
GE 5000	71.6	72.6	73.1	73.4	73.8	73.9	74.1	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.4	74.4
GE 4500	73.6	74.6	75.2	75.5	75.8	76.0	76.2	76.2	76.2	76.3	76.4	76.4	76.4	76.4	76.5	76.5
GE 4000	74.7	75.8	76.4	76.7	77.1	77.2	77.4	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.7	77.7
GE 3500	75.6	76.8	77.4	77.7	78.1	78.3	78.5	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.8	78.8
GE 3000	77.5	78.8	79.5	79.8	80.2	80.3	80.5	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.9
GE 2500	79.5	80.9	81.7	82.0	82.4	82.6	82.8	82.8	82.8	82.9	83.0	83.0	83.0	83.0	83.1	83.1
GE 2000	81.9	83.5	84.4	84.7	85.2	85.3	85.5	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.9	85.9
GE 1800	82.6	84.2	85.1	85.5	86.0	86.1	86.3	86.4	86.4	86.5	86.6	86.6	86.6	86.6	86.7	86.7
GE 1500	84.6	86.3	87.3	87.8	88.4	88.5	88.8	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.2	89.2
GE 1200	85.9	87.8	88.9	89.5	90.2	90.4	90.6	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.1	91.1
GE 1000	86.7	88.8	90.1	90.8	91.8	92.0	92.3	92.5	92.5	92.6	92.7	92.7	92.7	92.7	92.8	92.8
GE 900	87.1	89.3	90.7	91.5	92.5	92.7	93.0	93.2	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.6
GE 800	87.7	90.1	91.6	92.5	93.6	93.8	94.2	94.4	94.4	94.6	94.7	94.7	94.7	94.7	94.8	94.8
GE 700	87.9	90.4	92.0	93.1	94.4	94.7	95.1	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.7	95.8
GE 600	88.1	90.6	92.4	93.5	94.9	95.2	95.6	95.9	96.0	96.1	96.3	96.3	96.3	96.3	96.4	96.4
GE 500	88.3	91.0	92.9	94.1	95.6	96.0	96.6	97.0	97.1	97.3	97.5	97.5	97.5	97.5	97.6	97.7
GE 400	88.4	91.1	93.1	94.5	96.1	96.5	97.2	97.7	97.8	98.2	98.4	98.4	98.4	98.4	98.5	98.5
GE 300	88.4	91.2	93.2	94.6	96.3	96.8	97.6	98.1	98.3	98.7	98.9	98.9	99.0	99.0	99.1	99.2
GE 200	88.4	91.2	93.2	94.6	96.4	96.8	97.6	98.2	98.4	98.9	99.2	99.2	99.3	99.4	99.5	99.6
GE 100	88.4	91.2	93.2	94.6	96.4	96.8	97.7	98.3	98.4	99.0	99.2	99.2	99.4	99.4	99.5	99.7
GE 000	88.4	91.2	93.2	94.6	96.4	96.8	97.7	98.3	98.4	99.0	99.3	99.3	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 00-02

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.3	68.7	69.2	69.3	69.7	69.7	69.9	69.9	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1
GE 20000	74.8	75.3	75.9	76.1	76.4	76.4	76.7	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9
GE 18000	74.8	75.3	75.9	76.1	76.4	76.4	76.7	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9
GE 16000	74.8	75.3	75.9	76.1	76.4	76.4	76.7	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9
GE 14000	75.3	75.9	76.4	76.7	77.0	77.0	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4
GE 12000	77.1	77.7	78.2	78.4	78.8	78.8	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2
GE 10000	78.4	79.0	79.6	79.8	80.1	80.1	80.3	80.3	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6
GE 9000	78.4	79.0	79.6	79.8	80.1	80.1	80.3	80.3	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6
GE 8000	80.3	80.9	81.4	81.7	82.0	82.0	82.2	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4
GE 7000	80.8	81.3	81.9	82.1	82.4	82.4	82.7	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9
GE 6000	81.4	82.0	82.6	82.8	83.1	83.1	83.3	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6
GE 5000	82.8	83.3	83.9	84.1	84.4	84.4	84.7	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9
GE 4500	84.2	84.8	85.3	85.6	85.9	85.9	86.1	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3
GE 4000	84.8	85.3	85.9	86.1	86.4	86.4	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9
GE 3500	86.1	86.7	87.2	87.4	87.8	87.8	88.0	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2
GE 3000	88.1	88.8	89.3	89.6	89.9	89.9	90.1	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3
GE 2500	88.7	89.3	89.9	90.1	90.4	90.4	90.7	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9
GE 2000	89.7	90.4	91.0	91.3	91.7	91.7	91.9	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1
GE 1800	90.3	91.1	91.7	92.1	92.4	92.4	92.7	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9
GE 1500	91.3	92.2	92.8	93.2	93.6	93.6	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0
GE 1200	92.1	93.0	93.6	94.0	94.3	94.3	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8
GE 1000	92.7	93.6	94.2	94.7	95.0	95.0	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4
GE 900	92.9	93.8	94.6	95.0	95.3	95.3	95.7	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	93.2	94.6	95.3	95.8	96.2	96.2	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8
GE 700	93.8	95.1	96.1	96.6	97.0	97.0	97.3	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	93.8	95.2	96.2	96.7	97.1	97.1	97.4	97.4	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	93.9	95.4	96.6	97.0	97.4	97.4	97.8	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	93.9	95.6	96.7	97.2	98.0	98.0	98.3	98.3	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	94.0	95.7	97.1	97.7	98.6	98.7	99.1	99.1	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	94.0	95.7	97.1	97.7	98.6	98.7	99.2	99.2	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9
GE 100	94.0	95.7	97.1	97.7	98.6	98.7	99.2	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	94.0	95.7	97.1	97.7	98.6	98.7	99.2	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 03-05

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.3	65.2	65.7	66.0	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.9
GE 20000	70.3	71.2	71.7	72.0	72.3	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0
GE 18000	70.3	71.2	71.7	72.0	72.3	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0
GE 16000	70.3	71.2	71.7	72.0	72.3	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0
GE 14000	70.7	71.6	72.0	72.3	72.7	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.3
GE 12000	72.3	73.2	73.7	74.0	74.3	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	75.0
GE 10000	72.8	73.7	74.1	74.4	74.8	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.4
GE 9000	73.0	73.9	74.3	74.7	75.0	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.7
GE 8000	74.7	75.6	76.1	76.4	76.8	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.4
GE 7000	75.6	76.4	77.0	77.3	77.7	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.3
GE 6000	75.8	76.7	77.2	77.6	77.9	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.6
GE 5000	77.7	78.6	79.1	79.4	79.8	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.7
GE 4500	79.2	80.1	80.7	81.0	81.3	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.2
GE 4000	79.9	80.8	81.3	81.7	82.0	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.9
GE 3500	80.7	81.6	82.1	82.4	82.8	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.7
GE 3000	82.3	83.2	83.8	84.1	84.4	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3
GE 2500	83.4	84.3	85.0	85.3	85.7	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.6
GE 2000	85.2	86.1	86.8	87.1	87.4	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4
GE 1800	85.4	86.3	87.0	87.3	87.7	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.7
GE 1500	87.0	88.1	88.8	89.1	89.6	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.6
GE 1200	87.8	88.9	89.8	90.3	90.8	91.2	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.8
GE 1000	89.0	90.2	91.1	91.7	92.3	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.4
GE 900	89.3	90.6	91.4	92.1	92.8	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.9
GE 800	89.7	90.9	92.0	92.8	93.4	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.6
GE 700	90.0	91.2	92.3	93.2	93.9	94.4	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.4
GE 600	90.3	91.6	92.7	93.7	94.3	94.9	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.9
GE 500	90.4	91.7	92.9	94.0	95.0	95.6	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.7
GE 400	90.6	91.8	93.1	94.6	95.9	96.4	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.8	97.8	98.0
GE 300	90.8	92.0	93.3	94.9	96.3	96.9	97.9	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.9
GE 200	90.8	92.0	93.3	94.9	96.3	96.9	97.9	98.3	98.6	98.7	98.8	98.8	98.9	99.0	99.0	99.2
GE 100	90.8	92.0	93.3	94.9	96.3	96.9	97.9	98.3	98.6	98.7	98.8	98.8	98.9	99.0	99.1	100.0
GE 000	90.8	92.0	93.3	94.9	96.3	96.9	97.9	98.3	98.6	98.7	98.8	98.8	98.9	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 06-08

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.1	54.3	55.1	55.8	55.9	55.9	56.1	56.1	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3
GE 20000	56.6	58.0	59.0	59.9	60.0	60.0	60.2	60.2	60.3	60.3	60.4	60.4	60.6	60.6	60.7	60.7
GE 18000	56.6	58.0	59.0	59.9	60.0	60.0	60.2	60.2	60.3	60.3	60.4	60.4	60.6	60.6	60.7	60.7
GE 16000	56.8	58.2	59.3	60.2	60.3	60.3	60.6	60.6	60.7	60.7	60.8	60.8	60.9	60.9	61.0	61.0
GE 14000	57.9	59.3	60.4	61.3	61.4	61.4	61.7	61.7	61.8	61.8	61.9	61.9	62.0	62.0	62.1	62.1
GE 12000	59.8	61.2	62.3	63.2	63.4	63.4	63.7	63.7	63.8	63.8	63.9	63.9	64.1	64.1	64.2	64.2
GE 10000	63.1	64.6	65.7	66.7	66.9	66.9	67.1	67.1	67.2	67.2	67.3	67.3	67.6	67.6	67.7	67.7
GE 9000	63.2	64.7	65.8	66.8	67.0	67.0	67.2	67.2	67.3	67.3	67.4	67.4	67.7	67.7	67.8	67.8
GE 8000	66.2	67.7	68.9	70.0	70.3	70.3	70.6	70.6	70.7	70.7	70.8	70.8	71.0	71.0	71.1	71.1
GE 7000	68.2	69.7	70.9	72.0	72.3	72.3	72.6	72.6	72.7	72.7	72.8	72.8	73.0	73.0	73.1	73.1
GE 6000	68.9	70.3	71.6	72.7	73.0	73.0	73.2	73.2	73.3	73.3	73.4	73.4	73.7	73.7	73.8	73.8
GE 5000	70.2	71.7	72.9	74.1	74.4	74.4	74.7	74.7	74.8	74.8	74.9	74.9	75.1	75.1	75.2	75.2
GE 4500	72.3	73.8	75.1	76.3	76.7	76.7	76.9	76.9	77.0	77.0	77.1	77.1	77.3	77.3	77.4	77.4
GE 4000	73.3	74.8	76.1	77.3	77.7	77.7	77.9	78.0	78.1	78.1	78.2	78.2	78.4	78.4	78.6	78.6
GE 3500	74.0	75.4	77.0	78.2	78.6	78.6	78.8	78.9	79.0	79.0	79.1	79.1	79.3	79.3	79.4	79.4
GE 3000	75.7	77.3	79.0	80.2	80.7	80.7	80.9	81.0	81.1	81.1	81.2	81.2	81.4	81.4	81.6	81.6
GE 2500	77.4	79.3	81.1	82.6	83.0	83.0	83.3	83.4	83.7	83.7	83.8	83.8	84.0	84.0	84.1	84.1
GE 2000	78.4	80.3	82.1	83.7	84.1	84.1	84.4	84.6	84.8	84.8	84.9	84.9	85.1	85.1	85.2	85.2
GE 1800	78.6	80.4	82.2	83.8	84.2	84.2	84.6	84.7	84.9	84.9	85.0	85.0	85.2	85.2	85.3	85.3
GE 1500	80.0	81.9	83.8	85.6	86.1	86.1	86.4	86.6	86.8	86.8	86.9	86.9	87.1	87.1	87.2	87.2
GE 1200	81.6	83.4	85.3	87.1	87.8	87.8	88.3	88.4	88.7	88.7	88.8	88.8	89.0	89.0	89.1	89.1
GE 1000	82.7	84.6	86.4	88.3	89.2	89.2	89.8	89.9	90.1	90.2	90.3	90.3	90.6	90.6	90.7	90.7
GE 900	82.9	85.1	87.0	89.2	90.2	90.2	90.8	91.0	91.2	91.3	91.4	91.4	91.7	91.7	91.8	91.8
GE 800	83.6	86.1	88.1	90.4	91.7	91.7	92.3	92.6	92.8	93.0	93.1	93.1	93.3	93.3	93.6	93.6
GE 700	83.7	86.4	88.6	91.0	92.2	92.2	93.0	93.2	93.4	93.8	93.9	93.9	94.1	94.1	94.3	94.3
GE 600	83.8	86.8	89.0	91.4	92.8	92.8	93.8	94.0	94.3	94.7	94.8	94.8	95.0	95.0	95.2	95.2
GE 500	83.9	86.9	89.2	92.0	93.7	93.7	94.7	94.9	95.2	95.6	95.7	95.7	95.9	95.9	96.1	96.1
GE 400	84.0	87.1	89.4	92.4	94.2	94.2	95.4	95.8	96.2	96.8	96.9	96.9	97.1	97.1	97.3	97.4
GE 300	84.0	87.1	89.4	92.4	94.3	94.3	96.2	96.9	97.3	97.9	98.1	98.1	98.3	98.3	98.6	98.7
GE 200	84.0	87.1	89.4	92.4	94.3	94.3	96.2	96.9	97.3	97.9	98.2	98.2	98.4	98.4	98.7	99.0
GE 100	84.0	87.1	89.4	92.4	94.3	94.3	96.2	96.9	97.3	97.9	98.4	98.4	98.7	98.8	99.2	100.0
GE 000	84.0	87.1	89.4	92.4	94.3	94.3	96.2	96.9	97.3	97.9	98.4	98.4	98.7	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 09-11

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.4	58.8	58.9	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 20000	63.3	63.7	63.9	64.2	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 18000	63.3	63.7	63.9	64.2	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 16000	63.3	63.7	63.9	64.2	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 14000	64.4	64.8	65.0	65.3	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 12000	67.2	67.6	67.8	68.1	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 10000	69.3	69.7	69.9	70.2	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 9000	70.4	70.8	71.0	71.3	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 8000	72.1	72.6	72.8	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 7000	73.0	73.4	73.7	74.0	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 6000	74.7	75.1	75.4	75.8	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 5000	75.8	76.2	76.7	77.0	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 4500	76.7	77.1	77.6	77.9	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 4000	78.0	78.6	79.0	79.4	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 3500	78.6	79.1	79.6	80.0	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 3000	80.8	81.3	81.8	82.2	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 2500	82.4	83.0	84.0	84.4	84.7	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 2000	84.4	85.1	86.2	86.8	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1800	85.8	86.4	87.8	88.3	88.6	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1500	87.6	88.2	89.7	90.3	90.6	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1200	89.4	90.1	91.6	92.2	92.6	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1000	90.4	91.3	93.0	93.9	94.3	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 900	90.9	91.8	93.6	94.4	94.9	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	91.3	92.3	94.3	95.3	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 700	91.3	92.6	94.7	95.8	96.3	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	91.4	92.7	94.9	96.2	96.9	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	91.4	92.7	94.9	96.6	97.6	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	91.4	92.8	95.0	96.7	97.9	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	91.4	92.8	95.0	96.7	98.0	98.3	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	91.4	92.8	95.0	96.7	98.0	98.3	98.9	99.3	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.4	92.8	95.0	96.7	98.0	98.3	98.9	99.3	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.4	92.8	95.0	96.7	98.0	98.3	98.9	99.3	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

PERFORMANCE OF CRILING VERSUS VISIBILITY FROM PILOT OBSERVATIONS

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 12-14

FLIGHT NO.	VISIBILITY IN STATUTE MILES															
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
001	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
002	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
003	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
004	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
005	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
006	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
007	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	74.3
008	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
009	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
010	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
011	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
012	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
013	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
014	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
015	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
016	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
017	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
018	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
019	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
020	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
021	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
022	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
023	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
024	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
025	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
026	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
027	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
028	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
029	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	99.8	99.8	99.8
030	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
031	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
032	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

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 15-17

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 20000	73.4	73.8	73.8	73.8	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 18000	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 16000	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 14000	74.6	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
GE 12000	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 10000	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 9000	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 8000	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 7000	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 6000	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 5000	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 4500	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 4000	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3500	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3000	92.6	93.0	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
GE 2500	94.0	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2000	95.2	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1800	95.4	95.9	96.0	96.0	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 1500	96.6	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.6	97.6	97.6	97.6	97.6
GE 1200	97.1	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3
GE 1000	97.1	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3
GE 900	97.2	97.8	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4
GE 800	97.4	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8
GE 700	97.4	98.0	98.2	98.3	98.4	98.6	98.6	98.6	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0
GE 600	97.4	98.0	98.2	98.3	98.6	98.7	98.7	98.7	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	97.4	98.0	98.2	98.3	98.8	98.9	99.0	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	97.4	98.0	98.2	98.3	98.8	99.0	99.2	99.2	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	97.4	98.0	98.2	98.3	98.8	99.0	99.2	99.2	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	97.4	98.0	98.2	98.3	98.8	99.0	99.2	99.2	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	97.4	98.0	98.2	98.3	98.8	99.0	99.2	99.2	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	97.4	98.0	98.2	98.3	98.8	99.0	99.2	99.2	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 18-20

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 20000	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 18000	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 16000	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 14000	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 12000	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 10000	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 9000	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 8000	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 7000	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 6000	84.6	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	84.7
GE 5000	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 4500	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 4000	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 3500	91.1	91.2	91.3	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
GE 3000	92.7	93.0	93.1	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2500	94.2	94.6	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000	94.7	95.1	95.2	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1800	94.9	95.3	95.4	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1500	96.1	96.6	96.7	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1200	96.2	96.7	96.8	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	96.4	96.9	97.0	97.3	97.7	97.7	97.7	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	96.6	97.0	97.1	97.4	97.8	97.8	97.8	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	96.6	97.0	97.1	97.6	97.9	97.9	97.9	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	96.8	97.2	97.3	97.8	98.1	98.2	98.3	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	96.8	97.2	97.3	97.8	98.1	98.2	98.3	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	97.0	97.4	97.6	98.0	98.7	98.9	99.0	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	97.0	97.4	97.6	98.0	98.7	98.9	99.0	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	97.0	97.4	97.6	98.0	98.7	98.9	99.0	99.3	99.3	99.3	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	97.0	97.4	97.6	98.0	98.7	98.9	99.0	99.3	99.3	99.3	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	97.0	97.4	97.6	98.0	98.7	98.9	99.0	99.3	99.3	99.3	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	97.0	97.4	97.6	98.0	98.7	98.9	99.0	99.3	99.3	99.3	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 21-23

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.8	70.8	71.0	71.0	71.1	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 20000	78.6	78.6	78.8	78.8	78.9	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 18000	78.9	78.9	79.1	79.1	79.2	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 16000	78.9	78.9	79.1	79.1	79.2	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 14000	79.0	79.0	79.2	79.2	79.3	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 12000	81.0	81.0	81.2	81.2	81.3	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 10000	82.8	82.8	83.0	83.0	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 9000	82.9	82.9	83.1	83.1	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 8000	85.1	85.1	85.3	85.3	85.4	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 7000	86.1	86.1	86.3	86.3	86.4	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 6000	87.0	87.0	87.2	87.2	87.3	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 5000	88.0	88.0	88.2	88.2	88.3	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 4500	89.4	89.4	89.7	89.7	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 4000	89.9	89.9	90.1	90.1	90.2	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 3500	91.1	91.1	91.3	91.3	91.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3000	92.8	92.8	93.1	93.1	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2500	93.9	93.9	94.2	94.2	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2000	94.4	94.4	94.8	94.8	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1800	94.7	94.7	95.0	95.0	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1500	95.2	95.2	95.6	95.6	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	95.6	95.6	95.9	95.9	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	95.9	96.0	96.6	96.6	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	96.0	96.2	96.8	96.8	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	96.4	96.9	97.6	97.6	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	96.7	97.1	97.9	97.9	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	96.7	97.2	98.1	98.1	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	96.7	97.2	98.1	98.3	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	96.7	97.2	98.1	98.4	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	96.7	97.2	98.1	98.4	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
GE 200	96.7	97.2	98.1	98.4	99.2	99.3	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0
GE 100	96.7	97.2	98.1	98.4	99.2	99.3	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0
GE 000	96.7	97.2	98.1	98.4	99.2	99.3	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: ALL

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.1	63.5	63.8	63.9	64.1	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 20000	70.1	70.6	70.9	71.1	71.2	71.3	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5
GE 18000	70.2	70.7	71.0	71.2	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7
GE 16000	70.2	70.7	71.1	71.3	71.4	71.5	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7
GE 14000	70.9	71.4	71.8	72.0	72.1	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4
GE 12000	73.0	73.5	73.8	74.0	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5
GE 10000	74.9	75.4	75.8	76.0	76.1	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.5
GE 9000	75.3	75.8	76.1	76.3	76.5	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8
GE 8000	77.2	77.7	78.1	78.3	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8
GE 7000	78.1	78.6	79.0	79.2	79.4	79.4	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7
GE 6000	78.8	79.4	79.7	80.0	80.1	80.2	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.5
GE 5000	80.4	80.9	81.3	81.6	81.7	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1
GE 4500	81.8	82.4	82.8	83.0	83.2	83.2	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5
GE 4000	83.0	83.5	83.9	84.2	84.4	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8
GE 3500	84.3	84.8	85.3	85.6	85.7	85.8	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1
GE 3000	86.6	87.2	87.7	87.9	88.2	88.2	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5
GE 2500	88.1	88.8	89.3	89.7	89.9	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
GE 2000	89.4	90.1	90.6	91.0	91.2	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
GE 1800	89.8	90.5	91.1	91.5	91.7	91.8	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.2
GE 1500	91.0	91.7	92.4	92.8	93.1	93.1	93.3	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6
GE 1200	91.9	92.6	93.3	93.8	94.1	94.2	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.7	94.7
GE 1000	92.5	93.3	94.1	94.6	95.0	95.1	95.3	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.7
GE 900	92.7	93.6	94.4	94.9	95.4	95.5	95.7	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.1
GE 800	93.0	94.1	94.9	95.6	96.1	96.1	96.4	96.5	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.8
GE 700	93.2	94.3	95.3	96.0	96.4	96.6	96.9	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.4
GE 600	93.3	94.5	95.4	96.2	96.7	96.8	97.3	97.4	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.7
GE 500	93.4	94.5	95.6	96.4	97.2	97.3	97.8	97.9	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3
GE 400	93.4	94.6	95.7	96.6	97.5	97.7	98.2	98.4	98.6	98.7	98.8	98.8	98.9	98.9	98.9	99.0
GE 300	93.4	94.7	95.8	96.7	97.7	97.9	98.6	98.9	99.0	99.2	99.4	99.4	99.4	99.5	99.5	99.5
GE 200	93.4	94.7	95.8	96.7	97.7	97.9	98.6	98.9	99.1	99.2	99.5	99.5	99.6	99.6	99.7	99.8
GE 100	93.4	94.7	95.8	96.7	97.7	97.9	98.6	98.9	99.1	99.3	99.6	99.6	99.7	99.7	99.8	100.0
GE 000	93.4	94.7	95.8	96.7	97.7	97.9	98.6	98.9	99.1	99.3	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 00-02

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.7	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 20000	71.3	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 18000	71.4	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
GE 16000	71.4	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
GE 14000	72.2	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 12000	73.2	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 10000	75.6	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 9000	75.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 8000	78.0	78.9	78.9	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 7000	78.4	79.6	79.7	79.7	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 6000	78.5	79.7	79.9	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 5000	79.4	80.5	80.8	80.8	81.0	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
GE 4500	80.5	81.9	82.2	82.2	82.4	82.5	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7
GE 4000	82.8	84.2	84.4	84.4	84.6	84.8	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1
GE 3500	83.9	85.3	85.5	85.5	85.7	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1
GE 3000	85.5	87.0	87.4	87.4	87.7	88.0	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
GE 2500	86.2	88.1	88.6	88.7	89.1	89.4	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
GE 2000	87.0	88.9	89.5	89.8	90.3	90.5	90.6	90.8	90.8	90.8	90.9	90.9	91.0	91.0	91.0	91.0
GE 1800	87.3	89.4	89.9	90.3	90.9	91.1	91.2	91.3	91.3	91.3	91.4	91.4	91.5	91.5	91.5	91.5
GE 1500	88.9	91.1	91.6	92.0	92.6	92.8	92.9	93.0	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.2
GE 1200	90.2	92.4	92.9	93.3	93.9	94.1	94.2	94.3	94.3	94.3	94.4	94.4	94.5	94.5	94.5	94.5
GE 1000	91.9	94.3	94.8	95.3	95.9	96.1	96.2	96.3	96.3	96.3	96.5	96.5	96.6	96.6	96.6	96.6
GE 900	92.0	94.4	94.9	95.4	96.0	96.2	96.3	96.5	96.5	96.5	96.6	96.6	96.7	96.7	96.7	96.7
GE 800	92.4	94.8	95.4	95.8	96.5	96.7	96.8	96.9	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1
GE 700	93.1	95.7	96.2	96.8	97.4	97.6	97.7	97.8	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1
GE 600	93.3	95.9	96.5	97.0	97.6	97.8	98.0	98.1	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3
GE 500	93.5	96.5	97.0	97.6	98.4	98.6	98.7	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0
GE 400	94.0	96.9	97.4	98.1	98.9	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7
GE 300	94.0	96.9	97.4	98.1	98.9	99.1	99.4	99.5	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	94.0	96.9	97.4	98.1	98.9	99.1	99.4	99.5	99.5	99.5	99.7	99.7	99.8	99.8	100.0	100.0
GE 100	94.0	96.9	97.4	98.1	98.9	99.1	99.4	99.5	99.5	99.5	99.7	99.7	99.8	99.8	100.0	100.0
GE 000	94.0	96.9	97.4	98.1	98.9	99.1	99.4	99.5	99.5	99.5	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 03-05

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.5	55.5	56.0	56.1	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 20000	61.7	62.7	63.2	63.3	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 18000	61.7	62.7	63.2	63.3	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 16000	61.7	62.7	63.2	63.3	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 14000	62.2	63.1	63.7	63.8	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 12000	63.7	64.6	65.3	65.4	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 10000	66.8	67.8	68.6	68.7	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 9000	67.0	68.1	68.8	68.9	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 8000	69.2	70.3	71.1	71.2	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 7000	69.5	70.5	71.3	71.4	72.0	72.0	72.0	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 6000	69.8	70.9	71.6	71.7	72.4	72.4	72.4	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 5000	71.2	72.4	73.1	73.2	73.9	73.9	73.9	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 4500	73.2	74.4	75.3	75.5	76.1	76.1	76.1	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 4000	75.1	76.3	77.2	77.4	78.1	78.2	78.2	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3500	76.0	77.3	78.2	78.4	79.1	79.2	79.2	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 3000	77.2	78.6	79.5	79.7	80.4	80.5	80.5	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2500	79.5	80.9	81.7	82.0	83.0	83.1	83.1	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 2000	81.6	83.1	84.1	84.5	85.6	85.7	85.7	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1800	81.9	83.4	84.4	84.8	85.9	86.0	86.0	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1500	83.9	85.5	86.6	87.1	88.2	88.3	88.3	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1200	85.2	86.9	88.1	88.6	89.8	89.9	89.9	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1000	86.5	88.3	89.5	90.0	91.2	91.3	91.3	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 900	86.8	88.6	89.8	90.3	91.5	91.6	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 800	87.1	89.0	90.2	90.9	92.2	92.3	92.3	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 700	87.6	90.3	91.7	92.8	94.2	94.3	94.3	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 600	87.6	90.3	91.8	93.0	94.4	94.5	94.5	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 500	88.5	91.6	93.5	95.3	97.1	97.2	97.2	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	88.7	91.8	93.8	95.7	97.8	98.0	98.0	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	88.7	91.8	94.0	95.9	98.1	98.2	98.3	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 200	88.7	91.8	94.0	95.9	98.2	98.3	98.4	98.8	98.9	99.0	99.2	99.2	99.5	99.5	99.8	99.9
GE 100	88.7	91.8	94.0	95.9	98.2	98.3	98.4	98.8	98.9	99.0	99.2	99.2	99.5	99.5	99.8	99.9
GE 000	88.7	91.8	94.0	95.9	98.2	98.3	98.4	98.8	98.9	99.0	99.2	99.2	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 06-08

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.7	47.4	48.7	49.6	50.0	50.1	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 20000	51.5	54.0	55.3	56.2	57.0	57.2	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 18000	51.6	54.2	55.5	56.5	57.2	57.4	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 16000	51.7	54.3	55.6	56.6	57.3	57.5	57.6	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 14000	52.2	54.7	56.0	57.0	57.7	58.0	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 12000	54.2	56.8	58.1	59.0	59.8	60.2	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 10000	57.2	59.8	61.2	62.2	62.9	63.3	63.4	63.8	63.8	64.0	64.0	64.0	64.0	64.1	64.1	64.1
GE 9000	57.4	60.0	61.4	62.4	63.2	63.7	63.8	64.1	64.1	64.3	64.3	64.3	64.3	64.4	64.4	64.4
GE 8000	60.8	63.3	64.7	65.7	66.6	67.0	67.1	67.4	67.4	67.6	67.6	67.6	67.6	67.7	67.7	67.7
GE 7000	61.1	63.7	65.1	66.0	66.9	67.4	67.5	67.8	67.8	68.1	68.1	68.1	68.1	68.2	68.2	68.2
GE 6000	61.3	63.9	65.3	66.2	67.1	67.6	67.7	68.1	68.1	68.3	68.3	68.3	68.3	68.4	68.4	68.4
GE 5000	63.0	65.7	67.4	68.4	69.2	69.8	69.9	70.2	70.2	70.4	70.4	70.4	70.4	70.5	70.5	70.5
GE 4500	64.0	66.7	68.4	69.6	70.8	71.3	71.4	71.7	71.7	71.9	71.9	71.9	71.9	72.0	72.0	72.0
GE 4000	64.9	67.7	69.5	70.6	71.8	72.4	72.5	72.8	72.8	73.0	73.0	73.0	73.0	73.1	73.1	73.1
GE 3500	66.9	69.7	71.4	72.6	73.8	74.3	74.5	74.8	74.8	75.1	75.1	75.1	75.1	75.2	75.2	75.2
GE 3000	68.1	71.1	72.9	74.2	75.5	76.0	76.2	76.6	76.6	76.8	76.8	76.8	76.8	76.9	76.9	76.9
GE 2500	69.8	72.9	74.8	76.1	77.5	78.1	78.3	78.7	78.7	78.9	78.9	78.9	78.9	79.0	79.0	79.0
GE 2000	72.7	75.9	77.8	79.1	80.6	81.2	81.4	81.9	81.9	82.2	82.2	82.2	82.2	82.3	82.3	82.3
GE 1800	73.2	76.6	78.5	79.8	81.3	81.9	82.2	82.7	82.7	82.9	82.9	82.9	82.9	83.0	83.0	83.0
GE 1500	74.5	78.4	80.4	81.8	83.5	84.2	84.5	85.1	85.1	85.3	85.3	85.3	85.3	85.4	85.4	85.4
GE 1200	76.0	80.0	82.2	83.5	85.3	85.9	86.2	86.8	86.8	87.0	87.0	87.0	87.0	87.1	87.1	87.1
GE 1000	77.1	81.4	84.0	85.6	87.6	88.4	88.7	89.2	89.2	89.5	89.5	89.5	89.5	89.6	89.6	89.6
GE 900	77.4	81.9	84.7	86.7	88.8	89.6	89.9	90.4	90.4	90.6	90.6	90.6	90.6	90.8	90.8	90.8
GE 800	77.7	82.4	85.4	87.5	89.8	90.5	90.9	91.4	91.4	91.6	91.6	91.6	91.6	91.7	91.7	91.7
GE 700	78.0	83.2	86.2	88.7	91.3	92.0	92.5	93.0	93.3	93.7	93.7	93.7	93.7	93.8	93.8	93.8
GE 600	78.2	83.7	86.8	89.4	91.9	92.7	93.2	93.8	94.1	94.4	94.5	94.5	94.5	94.6	94.6	94.6
GE 500	78.3	84.1	87.5	90.3	93.5	94.5	95.5	96.0	96.5	96.8	96.9	96.9	96.9	97.0	97.0	97.0
GE 400	78.4	84.2	87.6	90.6	94.2	95.3	96.3	96.9	97.5	97.8	98.1	98.1	98.1	98.2	98.2	98.2
GE 300	78.4	84.2	87.6	90.8	94.4	95.5	96.6	97.3	98.0	98.4	99.1	99.1	99.2	99.4	99.4	99.4
GE 200	78.4	84.2	87.6	90.8	94.4	95.5	96.6	97.3	98.0	98.5	99.4	99.4	99.5	99.6	99.7	99.7
GE 100	78.4	84.2	87.6	90.8	94.4	95.5	96.6	97.3	98.0	98.5	99.5	99.5	99.6	99.7	99.9	99.9
GE 000	78.4	84.2	87.6	90.8	94.4	95.5	96.6	97.3	98.0	98.5	99.5	99.5	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 09-11

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.5	54.3	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 20000	61.4	62.3	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 18000	61.7	62.6	62.8	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
GE 16000	61.7	62.6	62.8	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
GE 14000	62.3	63.1	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 12000	64.5	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 10000	67.1	68.0	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 9000	67.2	68.1	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 8000	69.2	70.1	70.4	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 7000	69.5	70.3	70.6	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 6000	69.9	70.8	71.1	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 5000	70.6	71.5	71.8	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4500	72.6	73.4	73.8	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4000	73.5	74.4	74.8	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 3500	74.9	75.9	76.5	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 3000	77.3	78.4	79.0	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2500	79.5	80.6	81.4	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2000	82.9	84.6	85.4	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1800	84.2	85.9	86.9	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1500	85.4	87.4	88.7	89.5	89.7	89.8	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1200	87.1	89.5	91.0	92.0	92.4	92.5	92.5	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1000	88.6	91.2	92.9	94.2	94.5	94.7	94.7	94.8	94.9	95.2	95.2	95.3	95.3	95.3	95.3	95.3
GE 900	88.8	91.5	93.3	94.8	95.3	95.6	95.6	95.7	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1
GE 800	89.0	91.9	94.1	95.8	96.3	96.7	96.7	96.8	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2
GE 700	89.5	92.7	94.9	96.9	97.5	98.0	98.0	98.1	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5
GE 600	89.5	92.8	95.1	97.2	97.8	98.3	98.4	98.5	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9
GE 500	89.7	93.0	95.3	97.5	98.4	98.8	98.9	99.1	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6
GE 400	89.7	93.0	95.3	97.5	98.5	98.9	99.0	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 300	89.7	93.0	95.3	97.6	98.6	99.0	99.1	99.4	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0
GE 200	89.7	93.0	95.3	97.6	98.6	99.0	99.1	99.4	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0
GE 100	89.7	93.0	95.3	97.6	98.6	99.0	99.1	99.4	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0
GE 000	89.7	93.0	95.3	97.6	98.6	99.0	99.1	99.4	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 12-14

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.1	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
GE 20000	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 18000	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 16000	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 14000	66.1	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 12000	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 10000	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 9000	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 8000	72.7	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
GE 7000	72.9	73.4	73.4	73.4	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 6000	73.0	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 5000	74.4	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 4500	77.1	77.6	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4000	77.5	80.0	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 3500	82.8	83.5	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3000	86.1	87.0	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2500	88.9	90.0	90.4	90.5	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2000	91.5	92.9	93.3	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1800	91.9	93.3	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1500	92.9	94.6	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1200	94.4	96.5	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	94.8	96.9	97.6	98.1	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	95.1	97.2	98.0	98.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	95.2	97.3	98.1	98.5	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	95.2	97.3	98.1	98.5	98.8	98.8	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	95.2	97.4	98.3	98.7	99.1	99.1	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	95.2	97.4	98.3	98.7	99.1	99.1	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	95.2	97.4	98.3	98.7	99.1	99.1	99.2	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.2	97.4	98.3	98.7	99.1	99.1	99.2	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.2	97.4	98.3	98.7	99.1	99.1	99.2	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.2	97.4	98.3	98.7	99.1	99.1	99.2	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.2	97.4	98.3	98.7	99.1	99.1	99.2	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 15-17

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.0	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
GE 20000	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 18000	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 16000	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 14000	72.2	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 12000	75.3	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 10000	78.3	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 9000	78.6	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 8000	79.8	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 7000	80.2	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 6000	80.6	81.1	81.1	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
GE 5000	82.2	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4500	84.3	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 4000	86.7	87.3	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 3500	88.6	89.2	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3000	90.4	91.2	91.4	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 2500	92.4	93.1	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2000	93.7	94.5	95.1	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6
GE 1800	93.8	94.6	95.2	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7
GE 1500	94.0	95.2	95.8	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	95.1	96.2	96.9	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 1000	95.5	96.7	97.4	97.7	97.7	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	95.6	96.8	97.5	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	95.6	96.8	97.6	98.1	98.1	98.3	98.3	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	95.8	97.0	98.0	98.5	98.6	98.9	99.0	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	95.9	97.1	98.1	98.6	98.7	99.0	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	95.9	97.1	98.1	98.6	98.7	99.0	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	95.9	97.1	98.1	98.6	98.7	99.0	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	95.9	97.1	98.1	98.6	98.7	99.0	99.1	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.9	97.1	98.1	98.6	98.7	99.0	99.1	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.9	97.1	98.1	98.6	98.7	99.0	99.1	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.9	97.1	98.1	98.6	98.7	99.0	99.1	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 18-20

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.2	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
GE 20000	72.4	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 18000	72.5	73.4	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
GE 16000	72.5	73.4	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
GE 14000	73.9	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 12000	76.5	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 10000	79.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 9000	79.4	80.3	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
GE 8000	81.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 7000	81.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 6000	82.2	83.1	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
GE 5000	83.5	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4500	85.8	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4000	87.5	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 3500	88.5	89.9	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 3000	90.6	92.2	92.7	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2500	91.9	93.8	94.3	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2000	93.0	94.8	95.5	95.8	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1800	93.1	95.1	95.7	96.0	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6
GE 1500	93.9	95.8	96.6	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4
GE 1200	94.1	96.0	96.8	97.1	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6
GE 1000	94.4	96.3	97.1	97.4	97.6	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
GE 900	94.4	96.3	97.1	97.4	97.6	97.7	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.2	98.2
GE 800	94.6	96.6	97.3	97.6	97.8	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4
GE 700	94.7	96.7	97.4	97.8	98.5	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0
GE 600	94.7	96.7	97.4	97.8	98.5	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0
GE 500	94.7	96.7	97.4	97.8	98.6	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.4
GE 400	94.7	96.7	97.4	97.8	98.6	98.7	98.8	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.8
GE 300	94.7	96.7	97.4	97.8	98.6	98.7	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0
GE 200	94.7	96.7	97.4	97.8	98.6	98.7	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0
GE 100	94.7	96.7	97.4	97.8	98.6	98.7	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0
GE 000	94.7	96.7	97.4	97.8	98.6	98.7	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURS OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 21-23

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.0	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	67.0
GE 20000	73.7	74.4	74.4	74.4	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 18000	73.7	74.4	74.4	74.4	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 16000	73.7	74.4	74.4	74.4	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 14000	74.4	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 12000	76.1	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 10000	79.0	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 9000	79.4	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 8000	81.4	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 7000	81.4	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 6000	82.2	82.9	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 5000	82.9	83.7	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 4500	85.1	85.8	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 4000	87.2	88.0	88.2	88.2	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 3500	87.8	88.6	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3000	89.6	90.3	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 2500	90.8	91.6	92.0	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
GE 2000	91.8	92.8	93.4	93.5	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
GE 1800	92.0	93.0	93.7	93.8	94.2	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5
GE 1500	93.3	94.3	95.1	95.2	95.7	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	94.1	95.2	95.9	96.0	96.6	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	94.8	95.9	96.7	96.8	97.3	97.4	97.5	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	95.2	96.2	97.0	97.1	97.6	97.7	97.8	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	95.3	96.3	97.1	97.3	97.8	98.0	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	95.7	96.8	97.5	97.7	98.3	98.4	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	95.7	96.8	97.5	97.7	98.3	98.4	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	96.0	97.2	98.0	98.2	98.7	98.8	99.0	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	96.0	97.2	98.0	98.2	98.8	98.9	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	96.0	97.3	98.3	98.5	99.1	99.2	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.0	97.3	98.3	98.5	99.1	99.2	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.0	97.3	98.3	98.5	99.1	99.2	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.0	97.3	98.3	98.5	99.1	99.2	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: ALL

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.5	58.2	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 20000	65.9	66.8	67.1	67.2	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 18000	66.0	66.9	67.2	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 16000	66.0	66.9	67.2	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 14000	66.9	67.9	68.2	68.3	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 12000	69.1	70.0	70.3	70.5	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 10000	71.7	72.7	73.0	73.2	73.4	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 9000	71.9	72.9	73.2	73.4	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 8000	74.0	75.1	75.4	75.6	75.8	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 7000	74.3	75.3	75.7	75.9	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4
GE 6000	74.7	75.7	76.1	76.3	76.5	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 5000	75.9	77.0	77.4	77.6	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 4500	77.8	78.9	79.4	79.7	80.0	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4000	79.7	80.9	81.4	81.7	82.0	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 3500	81.2	82.4	83.0	83.3	83.6	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0
GE 3000	83.1	84.5	85.1	85.4	85.8	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2500	84.9	86.4	87.1	87.5	88.0	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2000	86.8	88.5	89.3	89.7	90.2	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7
GE 1800	87.2	88.9	89.7	90.2	90.7	90.9	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
GE 1500	88.3	90.3	91.3	91.8	92.3	92.5	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9
GE 1200	89.5	91.6	92.6	93.2	93.7	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3
GE 1000	90.5	92.6	93.8	94.4	95.0	95.2	95.3	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7
GE 900	90.7	92.9	94.0	94.7	95.4	95.6	95.7	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1
GE 800	90.9	93.1	94.4	95.2	95.9	96.1	96.2	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6
GE 700	91.2	93.7	95.0	96.0	96.8	97.1	97.2	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	91.3	93.8	95.2	96.2	97.1	97.3	97.4	97.7	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0
GE 500	91.5	94.2	95.6	96.8	97.8	98.1	98.3	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	91.6	94.3	95.7	96.9	98.1	98.4	98.6	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4
GE 300	91.6	94.3	95.8	97.0	98.2	98.5	98.8	99.1	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	91.6	94.3	95.8	97.0	98.2	98.5	98.8	99.1	99.3	99.5	99.7	99.7	99.8	99.8	99.9	99.9
GE 100	91.6	94.3	95.8	97.0	98.2	98.5	98.8	99.1	99.3	99.5	99.7	99.8	99.8	99.8	99.9	100.0
GE 000	91.6	94.3	95.8	97.0	98.2	98.5	98.8	99.1	99.3	99.5	99.7	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM PUEBLY OBSERVATIONS

THESE RESULTS ARE IN ACCORDANCE WITH THE
FINDINGS OF OTHER STUDIES.

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 00-02

THE UNIVERSITY OF CHICAGO PRESS

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 03-05

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.6	66.3	66.7	67.0	67.3	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 20000	72.3	73.1	73.4	73.8	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6
GE 18000	72.3	73.1	73.4	73.8	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6
GE 16000	72.3	73.1	73.4	73.8	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6
GE 14000	72.6	73.3	73.7	74.0	74.4	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8
GE 12000	73.9	74.7	75.0	75.3	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1
GE 10000	78.7	79.7	80.2	80.6	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4
GE 9000	79.0	80.0	80.6	80.9	81.4	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8
GE 8000	80.8	81.8	82.3	82.7	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.6	83.6	83.6
GE 7000	81.1	82.1	82.7	83.0	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9
GE 6000	81.6	82.6	83.1	83.4	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3
GE 5000	82.3	83.3	83.9	84.2	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1
GE 4500	84.8	86.0	86.6	86.9	87.4	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8
GE 4000	86.1	87.3	88.0	88.3	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2
GE 3500	87.8	89.0	89.8	90.1	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0
GE 3000	89.4	90.7	91.4	91.8	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7
GE 2500	90.4	91.7	92.4	92.8	93.3	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9
GE 2000	90.7	91.9	92.7	93.0	93.6	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2
GE 1800	90.8	92.0	92.8	93.1	93.7	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3
GE 1500	91.6	92.8	93.6	93.9	94.6	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2
GE 1200	91.9	93.1	93.9	94.2	94.9	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6
GE 1000	92.4	93.8	94.6	94.9	95.6	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2
GE 900	92.4	93.8	94.6	94.9	95.6	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3
GE 800	92.7	94.0	94.9	95.2	95.9	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7
GE 700	93.0	94.3	95.3	95.8	96.8	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6
GE 600	93.4	94.9	96.0	96.4	97.4	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2
GE 500	93.8	95.2	96.3	96.8	97.8	98.1	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7
GE 400	94.0	95.7	96.9	97.6	98.8	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
GE 300	94.0	95.7	96.9	97.7	98.9	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 200	94.0	95.7	96.9	97.7	98.9	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 100	94.0	95.7	96.9	97.7	98.9	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	100.0	100.0
GE 000	94.0	95.7	96.9	97.7	98.9	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 06-08

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.4	55.1	56.3	56.8	57.3	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8
GE 20000	63.4	66.2	67.7	68.1	68.7	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4
GE 18000	63.4	66.2	67.8	68.2	68.8	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.6	69.6	69.6	69.6
GE 16000	63.4	66.2	67.8	68.2	68.8	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.6	69.6	69.6	69.6
GE 14000	64.1	66.9	68.4	68.9	69.4	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2
GE 12000	65.9	68.7	70.2	70.7	71.2	71.7	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0
GE 10000	71.3	74.3	76.0	76.6	77.2	77.7	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0
GE 9000	72.3	75.3	77.0	77.6	78.2	78.7	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0
GE 8000	74.7	77.7	79.3	79.9	80.6	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3
GE 7000	75.0	78.0	79.7	80.2	80.9	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7
GE 6000	75.3	78.3	80.0	80.6	81.2	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1
GE 5000	77.1	80.4	82.1	82.7	83.3	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2
GE 4500	78.6	81.9	83.6	84.1	84.8	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7
GE 4000	80.1	83.4	85.1	85.9	86.7	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.6
GE 3500	81.1	84.4	86.1	86.9	87.7	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.6
GE 3000	82.3	85.7	87.4	88.4	89.2	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1
GE 2500	83.7	87.1	89.0	90.0	90.9	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9
GE 2000	84.4	87.9	89.8	90.8	91.7	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7
GE 1800	84.7	88.1	90.0	91.0	91.9	92.4	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
GE 1500	85.4	88.9	90.9	92.0	92.9	93.4	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0
GE 1200	86.0	89.6	91.8	92.9	93.9	94.4	94.8	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0
GE 1000	86.6	90.3	92.6	93.7	94.7	95.2	95.6	95.7	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9
GE 900	86.7	90.6	92.8	93.9	95.0	95.6	95.9	96.0	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2
GE 800	86.9	90.9	93.3	94.6	95.7	96.2	96.6	96.7	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9
GE 700	87.2	91.4	94.1	95.3	96.7	97.3	97.7	97.8	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.0
GE 600	87.2	91.4	94.1	95.3	96.8	97.4	97.8	97.9	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1
GE 500	87.6	92.0	94.7	96.0	97.4	98.1	98.4	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8
GE 400	87.6	92.0	94.9	96.2	97.7	98.3	98.8	99.2	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7
GE 300	87.6	92.0	94.9	96.2	97.7	98.4	98.9	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	87.6	92.0	94.9	96.2	97.7	98.4	98.9	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	87.6	92.0	94.9	96.2	97.7	98.4	98.9	99.4	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 000	87.6	92.0	94.9	96.2	97.7	98.4	98.9	99.4	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 09-11

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.4	61.0	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 20000	70.4	71.0	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 18000	70.4	71.0	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 16000	70.5	71.1	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 14000	71.0	71.5	72.2	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
GE 12000	73.0	73.5	74.2	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
GE 10000	76.5	77.1	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 9000	77.2	77.9	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 8000	78.5	79.2	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 7000	79.1	79.8	80.4	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
GE 6000	79.5	80.2	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 5000	80.6	81.4	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 4500	81.9	82.6	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 4000	82.9	83.8	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 3500	84.2	85.1	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3000	87.9	88.8	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 2500	90.0	90.9	91.7	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2000	92.7	93.5	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1800	93.0	94.1	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1500	93.9	95.0	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	94.9	96.1	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	95.2	96.4	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	95.3	96.7	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	95.3	96.7	98.1	98.3	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	95.8	97.1	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	95.8	97.1	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	95.9	97.2	99.0	99.3	99.6	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	95.9	97.2	99.0	99.3	99.6	99.6	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	95.9	97.2	99.0	99.3	99.6	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.9	97.2	99.0	99.3	99.6	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.9	97.2	99.0	99.3	99.6	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.9	97.2	99.0	99.3	99.6	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 12-14

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 20000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 18000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 16000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 14000	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
GE 12000	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
GE 10000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 9000	75.6	75.6	75.6	75.6	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 8000	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 7000	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 6000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 5000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 4500	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4000	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3500	88.4	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3000	93.8	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2500	95.3	95.7	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
GE 2000	97.0	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	97.1	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1500	97.9	98.2	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
GE 1200	98.0	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	98.2	98.6	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
GE 900	98.2	98.6	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
GE 800	98.2	98.6	99.2	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
GE 700	98.3	98.7	99.3	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
GE 600	98.3	98.7	99.4	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
GE 500	98.3	98.7	99.4	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
GE 400	98.3	98.7	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.3	98.7	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.3	98.7	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.3	98.7	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.3	98.7	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 15-17

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	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
GE 20000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 18000	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 16000	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	75.3
GE 14000	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 12000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 10000	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	81.3	81.3
GE 9000	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	81.3	81.3
GE 8000	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 7000	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 6000	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 5000	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 4500	87.0	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4000	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	91.3	91.3	91.3
GE 3500	94.5	94.5	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 3000	97.0	97.1	97.3	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2500	97.8	97.9	98.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2000	97.9	98.0	98.4	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	97.9	98.0	98.4	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	98.2	98.3	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	98.2	98.3	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	98.2	98.3	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	98.2	98.3	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	98.2	98.3	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	98.2	98.3	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.2	98.3	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.2	98.3	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.2	98.3	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.2	98.3	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.2	98.3	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.2	98.3	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.2	98.3	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 18-20

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 20000	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 18000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 16000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 14000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 12000	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 10000	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 9000	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 8000	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 7000	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 6000	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 5000	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 4500	93.3	93.4	93.4	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 4000	95.3	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 3500	96.1	96.3	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 3000	97.8	98.1	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
GE 2500	97.8	98.1	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
GE 2000	98.1	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	98.1	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	98.2	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
GE 1200	98.2	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
GE 1000	98.3	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
GE 900	98.4	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 800	98.6	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
GE 700	98.8	99.1	99.2	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 600	98.8	99.1	99.2	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 500	98.8	99.1	99.2	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 400	98.8	99.1	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	98.8	99.1	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	98.8	99.1	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	98.8	99.1	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	98.8	99.1	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 21-23

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NC CEIL	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 20000	83.0	83.0	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
GE 18000	83.0	83.0	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
GE 16000	83.0	83.0	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
GE 14000	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 12000	84.6	84.6	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
GE 10000	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 9000	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 8000	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 7000	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 6000	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 5000	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 4500	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 4000	93.2	93.2	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
GE 3500	94.3	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3000	96.6	96.7	96.9	96.9	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2500	97.1	97.2	97.4	97.4	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	97.4	97.6	97.8	97.8	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	97.6	97.7	97.9	97.9	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	97.6	97.7	97.9	98.0	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	97.8	97.9	98.1	98.2	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	97.9	98.0	98.2	98.3	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	98.0	98.2	98.4	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	98.0	98.2	98.4	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	98.1	98.4	98.7	98.9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	98.1	98.4	98.7	98.9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	98.1	98.4	98.8	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.1	98.4	98.8	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.1	98.4	98.8	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.1	98.4	98.8	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.1	98.4	98.8	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.1	98.4	98.8	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: ALL

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.1	64.7	64.9	65.0	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 20000	74.4	74.9	75.2	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 18000	74.4	74.9	75.3	75.4	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 16000	74.4	75.0	75.3	75.4	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 14000	75.2	75.8	76.1	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 12000	76.5	77.0	77.3	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8
GE 10000	80.1	80.8	81.2	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 9000	80.5	81.1	81.5	81.7	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 8000	82.5	83.1	83.5	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0
GE 7000	82.6	83.3	83.7	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2
GE 6000	83.0	83.6	84.0	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 5000	84.1	84.8	85.2	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7
GE 4500	85.4	86.2	86.6	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4000	87.7	88.5	89.0	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6
GE 3500	89.7	90.5	91.0	91.2	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
GE 3000	92.2	93.0	93.6	93.9	94.2	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2500	93.2	94.0	94.7	94.9	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	94.0	94.8	95.5	95.7	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
GE 1800	94.1	95.0	95.6	95.9	96.3	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1500	94.6	95.5	96.2	96.5	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3
GE 1200	95.0	95.9	96.7	97.0	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
GE 1000	95.3	96.2	97.0	97.3	97.7	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	95.3	96.3	97.2	97.5	97.9	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	95.4	96.5	97.4	97.7	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
GE 700	95.7	96.8	97.8	98.1	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 600	95.8	96.9	97.9	98.3	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4
GE 500	95.9	97.0	98.0	98.5	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 400	95.9	97.0	98.2	98.6	99.3	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	95.9	97.0	98.2	98.6	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	95.9	97.0	98.2	98.6	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	95.9	97.0	98.2	98.6	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	95.9	97.0	98.2	98.6	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7198

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 00-02

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	82.3	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 20000	86.3	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 18000	86.5	86.7	86.8	86.8	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 16000	86.5	86.7	86.8	86.8	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 14000	86.9	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 12000	88.2	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 10000	90.8	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 9000	91.0	91.2	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 8000	92.6	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 7000	92.7	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 6000	93.3	93.5	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 5000	94.5	94.9	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 4500	95.3	96.0	96.2	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
GE 4000	96.1	96.9	97.1	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 3500	96.3	97.1	97.3	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 3000	96.8	97.5	97.7	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2500	96.9	97.6	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 2000	96.9	97.6	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	96.9	97.6	97.8	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	97.0	97.7	98.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	97.2	98.0	98.2	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	97.3	98.1	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	97.3	98.1	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	97.3	98.1	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	97.6	98.4	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	97.6	98.4	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	97.8	98.6	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	97.8	98.6	98.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	97.8	98.6	98.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	97.8	98.6	98.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	97.8	98.6	98.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 000	97.8	98.6	98.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 03-05

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	75.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.1	77.1	77.2	77.2	77.2	77.2
GE 20000	81.2	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.9	82.9	83.0	83.0	83.0	83.0
GE 18000	81.8	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.7	83.7	83.7	83.7
GE 16000	81.8	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.7	83.7	83.7	83.7
GE 14000	81.9	82.9	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.7	83.7	83.8	83.8	83.8	83.8
GE 12000	83.7	84.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.4	85.4	85.5	85.5	85.5	85.5
GE 10000	86.7	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4	88.4	88.5	88.5	88.5	88.5
GE 9000	86.7	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4	88.4	88.5	88.5	88.5	88.5
GE 8000	88.2	89.1	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	90.0	90.0	90.1	90.1	90.1	90.1
GE 7000	88.2	89.1	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	90.0	90.0	90.1	90.1	90.1	90.1
GE 6000	89.1	90.1	90.6	90.6	90.8	90.8	90.9	90.9	90.9	90.9	91.1	91.1	91.2	91.2	91.2	91.2
GE 5000	90.6	91.6	92.2	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.6	92.6	92.7	92.7	92.7	92.7
GE 4500	91.5	92.6	93.1	93.1	93.3	93.4	93.5	93.5	93.5	93.5	93.8	93.8	93.9	93.9	93.9	93.9
GE 4000	91.9	93.0	93.5	93.5	93.8	93.9	94.0	94.0	94.0	94.0	94.2	94.2	94.3	94.3	94.3	94.3
GE 3500	93.0	94.1	94.6	94.9	95.2	95.3	95.4	95.4	95.4	95.4	95.6	95.6	95.7	95.7	95.7	95.7
GE 3000	93.4	94.7	95.3	95.6	95.8	95.9	96.0	96.0	96.0	96.0	96.2	96.2	96.3	96.3	96.3	96.3
GE 2500	93.7	94.9	95.5	95.8	96.1	96.2	96.3	96.3	96.3	96.5	96.7	96.7	96.8	96.8	96.8	96.8
GE 2000	94.1	95.4	95.9	96.2	96.6	96.7	96.8	96.8	96.8	96.9	97.1	97.1	97.2	97.2	97.2	97.2
GE 1800	94.1	95.4	95.9	96.2	96.6	96.7	96.8	96.8	96.8	96.9	97.1	97.1	97.2	97.2	97.2	97.2
GE 1500	94.4	95.7	96.2	96.6	96.9	97.0	97.1	97.1	97.1	97.2	97.4	97.4	97.5	97.5	97.5	97.5
GE 1200	94.7	96.0	96.6	96.9	97.2	97.3	97.4	97.4	97.4	97.5	97.7	97.7	97.8	97.8	97.8	97.8
GE 1000	94.9	96.2	96.8	97.1	97.4	97.5	97.6	97.6	97.6	97.7	98.0	98.0	98.1	98.1	98.1	98.1
GE 900	94.9	96.2	96.8	97.1	97.4	97.5	97.6	97.6	97.6	97.7	98.0	98.0	98.1	98.1	98.1	98.1
GE 800	95.3	96.6	97.1	97.4	97.8	98.0	98.1	98.1	98.1	98.2	98.4	98.4	98.5	98.5	98.5	98.5
GE 700	95.5	96.8	97.3	97.6	98.1	98.2	98.3	98.3	98.3	98.4	98.6	98.6	98.7	98.7	98.7	98.7
GE 600	95.7	97.0	97.5	97.8	98.3	98.4	98.5	98.5	98.5	98.6	98.8	98.8	98.9	98.9	98.9	98.9
GE 500	96.1	97.4	98.0	98.3	98.7	98.8	98.9	98.9	98.9	99.0	99.2	99.2	99.4	99.4	99.4	99.4
GE 400	96.1	97.4	98.0	98.3	99.0	99.1	99.2	99.2	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7
GE 300	96.1	97.4	98.0	98.3	99.1	99.2	99.5	99.5	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	96.1	97.4	98.0	98.3	99.1	99.2	99.5	99.5	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	96.1	97.4	98.0	98.3	99.1	99.2	99.5	99.5	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	96.1	97.4	98.0	98.3	99.1	99.2	99.5	99.5	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 06-08

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.1	65.9	67.7	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 20000	69.8	71.7	73.5	74.0	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 18000	70.2	72.2	74.0	74.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 16000	70.6	72.6	74.4	74.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 14000	71.3	73.2	75.1	75.5	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 12000	73.9	75.8	77.6	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 10000	77.6	80.1	81.9	82.5	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 9000	78.1	80.5	82.4	82.9	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 8000	80.9	83.3	85.3	85.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 7000	81.2	83.7	85.6	86.1	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 6000	81.7	84.2	86.1	86.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 5000	82.4	85.2	87.2	87.7	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 4500	83.3	86.2	88.3	88.8	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 4000	84.8	87.7	90.1	90.6	91.4	91.4	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 3500	85.1	88.0	90.3	90.9	91.6	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3000	85.9	88.9	91.3	91.8	92.6	92.6	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2500	86.5	89.5	91.8	92.4	93.1	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2000	87.1	90.2	92.6	93.1	94.1	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1800	87.1	90.2	92.6	93.1	94.1	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1500	87.7	91.3	93.7	94.2	95.2	95.2	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1200	88.0	91.6	94.2	94.8	95.8	95.8	96.1	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	88.4	92.2	94.8	95.5	96.5	96.5	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	88.6	92.4	95.1	95.7	96.7	96.7	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	88.9	93.0	95.7	96.3	97.3	97.3	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	89.1	93.3	96.0	96.7	97.6	97.6	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	89.4	93.7	96.3	97.0	98.0	98.0	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	89.4	93.8	96.5	97.2	98.3	98.3	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	89.4	93.8	96.5	97.2	98.4	98.5	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	89.4	93.8	96.5	97.2	98.4	98.5	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	89.4	93.8	96.5	97.2	98.4	98.5	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	89.4	93.8	96.5	97.2	98.4	98.5	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	89.4	93.8	96.5	97.2	98.4	98.5	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 09-11

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	72.3	73.1	73.5	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 20000	77.3	78.4	78.9	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 18000	77.6	78.7	79.2	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 16000	78.1	79.1	79.7	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 14000	79.0	80.2	80.8	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 12000	80.9	82.0	82.6	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 10000	83.5	84.8	85.4	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 9000	83.9	85.2	85.7	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 8000	85.8	87.2	87.8	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 7000	86.1	87.5	88.2	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 6000	86.5	87.8	88.5	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 5000	87.2	88.6	89.2	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 4500	87.8	89.2	89.9	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 4000	89.1	90.6	91.4	91.9	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	89.5	91.0	91.7	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 3000	91.3	92.9	93.8	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2500	92.0	93.7	94.5	95.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2000	92.6	94.5	95.4	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1800	92.8	94.7	95.6	96.1	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1500	93.4	95.7	96.6	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200	93.8	96.1	97.0	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	94.0	96.7	97.7	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	94.1	96.9	98.0	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	94.3	97.1	98.2	98.8	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	94.5	97.4	98.5	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	94.5	97.4	98.5	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	94.6	97.5	98.6	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	94.6	97.5	98.6	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.6	97.5	98.6	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.6	97.5	98.6	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.6	97.5	98.6	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.6	97.5	98.6	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 12-14

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.6	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 20000	77.2	77.6	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 18000	77.4	77.8	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 16000	77.8	78.3	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 14000	79.4	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 12000	81.2	81.6	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 10000	84.7	85.2	85.3	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
GE 9000	84.8	85.3	85.4	85.6	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 8000	87.2	87.7	87.8	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 7000	87.6	88.2	88.3	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 6000	88.5	89.0	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 5000	89.8	90.4	90.5	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 4500	91.3	91.9	92.0	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 4000	94.0	94.6	94.7	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3500	94.6	95.3	95.4	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3000	96.2	96.9	97.0	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500	97.0	97.6	97.7	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2000	97.2	97.8	98.0	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	97.3	98.0	98.1	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	97.8	98.6	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	98.0	98.7	98.8	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	98.0	98.9	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	98.3	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.3	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.3	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.3	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.3	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.3	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.3	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.3	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.3	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.3	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 15-17

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 20000	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 18000	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 16000	83.3	83.5	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 14000	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 12000	86.8	87.1	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 10000	89.8	90.1	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 9000	90.0	90.3	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 8000	91.4	91.7	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 7000	91.8	92.2	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 6000	92.4	92.7	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 5000	92.8	93.2	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 4500	94.5	94.9	95.3	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 4000	96.0	96.5	96.8	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3500	97.1	97.5	97.8	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 3000	98.0	98.4	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2500	98.1	98.5	98.8	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000	98.2	98.6	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	98.2	98.6	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	98.2	98.6	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	98.6	99.0	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	98.6	99.0	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	98.6	99.0	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	98.8	99.2	99.6	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.8	99.2	99.6	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.8	99.2	99.6	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.8	99.2	99.6	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.8	99.2	99.6	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.8	99.2	99.6	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.8	99.2	99.6	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.8	99.2	99.6	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.8	99.2	99.6	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 18-20

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	80.4	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 20000	88.5	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 18000	88.6	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 16000	88.8	89.1	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 14000	89.7	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 12000	91.7	92.0	92.0	92.2	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 10000	94.1	94.4	94.4	94.6	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 9000	94.3	94.6	94.6	94.8	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 8000	95.4	95.7	95.7	95.9	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 7000	96.0	96.3	96.3	96.6	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 6000	96.2	96.6	96.6	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 5000	97.0	97.4	97.4	97.6	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 4500	97.3	97.7	97.7	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 4000	98.1	98.5	98.5	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 3500	98.2	98.6	98.6	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 3000	98.4	98.8	98.8	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 2500	98.4	98.8	98.8	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 2000	98.4	98.8	98.8	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	98.5	98.9	98.9	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	98.7	99.1	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	98.7	99.1	99.1	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	98.8	99.2	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	98.8	99.2	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	98.8	99.2	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	98.8	99.2	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	98.8	99.2	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.8	99.2	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.8	99.2	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.8	99.2	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.8	99.2	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.8	99.2	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.8	99.2	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 21-23

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	84.1	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	84.4
GE 20000	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 18000	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 16000	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 14000	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 12000	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 10000	93.0	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
GE 9000	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 8000	94.7	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 7000	95.2	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 6000	95.6	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 5000	96.2	96.7	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 4500	96.5	96.9	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 4000	97.1	97.5	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 3500	97.4	97.8	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 3000	97.8	98.3	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2500	98.0	98.4	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2000	98.1	98.5	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	98.1	98.5	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	98.2	98.6	99.0	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
GE 1200	98.4	98.8	99.2	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
GE 1000	98.4	98.8	99.2	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
GE 900	98.4	98.8	99.2	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
GE 800	98.6	99.0	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	98.7	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	98.8	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.8	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.8	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.8	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.8	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.8	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.8	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: ALL

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	75.4	76.1	76.4	76.6	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 20000	81.6	82.3	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0
GE 18000	81.9	82.5	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
GE 16000	82.1	82.8	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 14000	82.9	83.6	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3
GE 12000	84.7	85.4	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3
GE 10000	87.5	88.3	88.7	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
GE 9000	87.8	88.5	89.0	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 8000	89.5	90.3	90.8	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3
GE 7000	89.9	90.7	91.1	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 6000	90.4	91.3	91.7	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 5000	91.3	92.3	92.8	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 4500	92.2	93.2	93.7	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE 4000	93.4	94.4	95.0	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 3500	93.9	94.9	95.5	95.8	96.1	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 3000	94.7	95.8	96.4	96.7	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2500	95.1	96.1	96.7	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	95.3	96.4	97.0	97.4	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	95.4	96.5	97.1	97.4	97.8	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	95.7	96.9	97.5	97.8	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	95.9	97.2	97.8	98.2	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	96.0	97.4	98.1	98.4	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	96.1	97.5	98.2	98.5	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	96.3	97.7	98.4	98.7	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	96.4	97.8	98.5	98.9	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	96.5	97.9	98.6	99.0	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 500	96.6	98.0	98.7	99.1	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	96.6	98.0	98.7	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	96.6	98.0	98.7	99.1	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	96.6	98.0	98.7	99.1	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.6	98.0	98.7	99.1	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.6	98.0	98.7	99.1	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 00-02

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	81.2	81.2	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 20000	85.9	86.0	86.1	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 18000	85.9	86.0	86.1	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 16000	85.9	86.0	86.1	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 14000	86.1	86.2	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 12000	87.3	87.4	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 10000	90.3	90.4	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 9000	91.0	91.1	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 8000	92.9	93.0	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 7000	94.0	94.1	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 6000	94.1	94.2	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 5000	95.1	95.2	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 4500	95.6	95.7	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 4000	97.1	97.3	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 3500	97.3	97.5	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 3000	97.7	98.0	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2500	97.7	98.0	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000	97.8	98.1	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	98.0	98.2	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	98.3	98.5	98.7	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
GE 1200	98.5	98.7	98.9	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
GE 1000	98.5	98.7	98.9	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
GE 900	98.5	98.7	98.9	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	98.5	98.7	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	98.5	98.7	98.9	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	98.5	98.7	98.9	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	98.5	98.7	98.9	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	98.6	98.8	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.6	98.8	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.6	98.8	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.6	98.8	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.6	98.8	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 03-05

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	75.1	75.9	76.1	76.5	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 20000	80.4	81.6	81.8	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 18000	80.4	81.6	81.8	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 16000	80.4	81.6	81.8	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 14000	80.4	81.6	81.8	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 12000	81.3	82.6	82.8	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 10000	84.3	85.6	85.9	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 9000	84.3	85.6	85.9	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 8000	86.9	88.2	88.5	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 7000	88.6	90.0	90.4	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 6000	89.7	91.1	91.5	91.8	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 5000	91.4	92.8	93.2	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 4500	92.4	93.9	94.3	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 4000	94.0	95.6	96.0	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3500	94.3	95.9	96.3	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
GE 3000	94.7	96.5	96.9	97.4	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2500	94.7	96.5	96.9	97.5	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	94.8	96.6	97.0	97.6	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	94.8	96.6	97.0	97.6	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	95.3	97.0	97.4	98.1	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	95.3	97.0	97.4	98.1	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	95.5	97.2	97.6	98.3	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	95.6	97.3	97.7	98.4	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	95.9	97.6	98.1	98.7	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	95.9	97.6	98.1	98.7	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	96.0	97.7	98.2	98.8	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	96.0	97.7	98.2	98.8	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	96.0	97.7	98.2	98.8	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	96.0	97.7	98.2	98.8	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	96.0	97.7	98.2	98.8	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	96.0	97.7	98.2	98.8	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 000	96.0	97.7	98.2	98.8	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 06-08

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.3	64.2	66.6	67.4	68.3	68.3	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 20000	68.8	71.0	73.3	74.3	75.3	75.3	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 18000	68.8	71.0	73.3	74.3	75.3	75.3	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 16000	68.8	71.0	73.3	74.3	75.3	75.3	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 14000	69.4	71.5	73.9	74.8	75.8	75.8	76.0	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 12000	72.9	75.4	77.7	78.7	79.7	79.7	79.9	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 10000	77.6	80.2	82.8	83.8	85.1	85.1	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 9000	78.1	80.6	83.2	84.2	85.5	85.5	85.7	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 8000	81.1	83.9	86.5	87.5	89.0	89.0	89.2	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 7000	82.3	85.2	87.7	88.8	90.5	90.5	90.8	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 6000	83.0	86.0	88.6	89.7	91.4	91.4	91.6	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 5000	84.2	87.2	89.9	91.0	92.8	92.8	93.0	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 4500	84.5	87.5	90.3	91.5	93.3	93.3	93.5	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 4000	85.4	88.4	91.2	92.4	94.2	94.2	94.4	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3500	85.5	88.5	91.3	92.5	94.3	94.3	94.5	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 3000	85.7	88.7	91.5	92.7	94.5	94.5	94.7	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2500	85.8	88.8	91.6	92.8	94.6	94.6	94.8	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	86.0	89.0	91.8	93.0	94.8	94.8	95.1	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1800	86.3	89.4	92.2	93.3	95.2	95.2	95.4	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1500	86.5	89.5	92.3	93.4	95.3	95.3	95.5	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	86.8	89.8	92.6	93.8	95.6	95.6	95.8	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	86.9	90.1	93.2	94.7	96.6	96.6	96.9	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	87.0	90.2	93.3	94.8	96.7	96.7	97.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	87.0	90.3	93.4	95.2	97.0	97.0	97.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	87.2	90.5	93.7	95.4	97.2	97.2	97.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	87.2	90.5	93.7	95.4	97.2	97.2	97.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	87.2	90.5	93.8	95.6	97.4	97.4	97.8	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	87.2	90.5	93.8	95.6	97.4	97.4	97.8	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
GE 300	87.2	90.5	93.8	95.6	97.4	97.4	98.0	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
GE 200	87.2	90.5	93.8	95.6	97.4	97.4	98.0	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8
GE 100	87.2	90.5	93.8	95.6	97.4	97.4	98.0	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8
GE 000	87.2	90.5	93.8	95.6	97.4	97.4	98.0	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 09-11

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.9	72.0	74.0	74.2	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 20000	75.2	77.5	79.7	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 18000	75.2	77.5	79.7	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 16000	75.3	77.6	79.8	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 14000	76.1	78.5	80.6	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 12000	79.2	81.6	84.0	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 10000	82.5	84.8	87.2	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 9000	83.0	85.5	87.8	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 8000	85.4	88.1	90.5	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 7000	86.3	89.0	91.6	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 6000	86.6	89.2	91.8	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 5000	87.3	90.0	92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 4500	87.4	90.1	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 4000	87.8	90.8	93.3	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3500	88.4	91.4	94.1	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3000	89.2	92.3	95.2	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2500	89.5	92.6	95.6	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	89.8	92.9	95.9	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1800	89.9	93.0	96.0	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
GE 1500	90.0	93.1	96.1	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1200	90.4	93.7	96.7	97.1	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	90.8	94.1	97.3	97.8	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	90.8	94.1	97.3	97.8	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	90.8	94.1	97.3	98.0	98.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	90.9	94.3	97.5	98.2	98.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	90.9	94.4	97.6	98.4	99.0	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	90.9	94.4	97.7	98.5	99.1	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	90.9	94.4	97.7	98.5	99.1	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	90.9	94.4	97.7	98.5	99.1	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.9	94.4	97.7	98.5	99.1	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.9	94.4	97.7	98.5	99.1	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.9	94.4	97.7	98.5	99.1	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 12-14

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.9	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 20000	76.3	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 18000	76.5	78.0	78.2	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
GE 16000	76.7	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 14000	78.0	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 12000	81.0	82.5	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 10000	83.3	84.9	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 9000	83.7	85.3	85.6	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
GE 8000	85.3	87.0	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 7000	85.8	87.5	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 6000	86.3	88.1	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 5000	86.7	88.4	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 4500	87.3	89.2	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 4000	90.1	92.0	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 3500	92.2	94.2	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3000	93.9	96.1	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2500	94.1	96.3	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2000	94.2	96.6	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	94.2	96.6	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	94.7	97.2	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	94.8	97.4	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	95.1	97.8	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	95.1	97.8	99.0	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	95.1	97.8	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	95.1	97.8	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	95.1	97.8	99.0	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	95.1	97.8	99.0	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.1	97.8	99.0	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.1	97.8	99.0	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.1	97.8	99.0	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.1	97.8	99.0	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.1	97.8	99.0	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 15-17

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 20000	82.4	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 18000	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 16000	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 14000	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 12000	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 10000	88.2	88.3	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 9000	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 8000	89.2	89.6	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 7000	90.0	90.3	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 6000	90.4	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 5000	91.4	91.7	91.9	91.9	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 4500	93.1	93.7	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 4000	94.6	95.5	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 3500	95.6	96.5	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3000	96.6	97.4	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2500	96.7	97.6	98.0	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2000	96.7	97.6	98.0	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	96.7	97.6	98.0	98.0	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1500	97.3	98.3	98.6	98.6	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	97.3	98.3	98.7	98.8	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	97.4	98.4	98.8	98.9	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	97.4	98.4	98.8	98.9	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	97.4	98.4	98.9	99.0	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	97.4	98.4	98.9	99.0	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.4	98.4	98.9	99.0	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.4	98.4	98.9	99.0	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.4	98.4	98.9	99.0	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.4	98.4	98.9	99.0	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.4	98.4	98.9	99.0	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.4	98.4	98.9	99.0	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.4	98.4	98.9	99.0	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 18-20

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	74.6	75.1	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
GE 20000	85.8	86.2	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
GE 18000	85.8	86.2	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
GE 16000	85.8	86.2	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
GE 14000	85.9	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 12000	88.2	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.6	88.8	88.8	88.8	88.8
GE 10000	89.8	90.2	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
GE 9000	90.0	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 8000	91.3	91.7	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 7000	92.4	92.8	93.1	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
GE 6000	92.9	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 5000	93.3	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 4500	94.2	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 4000	96.0	96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3500	96.1	96.7	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3000	96.8	97.3	97.8	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2500	97.2	97.7	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	97.3	97.8	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	97.4	98.0	98.5	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	97.8	98.4	98.9	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	97.8	98.4	98.9	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	98.0	98.5	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	98.0	98.5	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	98.0	98.5	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	98.0	98.5	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	98.0	98.5	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	98.1	98.6	99.1	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.1	98.6	99.1	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.1	98.6	99.1	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.1	98.6	99.1	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.1	98.6	99.1	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.1	98.6	99.1	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 21-23

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	78.0	78.0	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
GE 20000	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 18000	85.3	85.3	85.6	85.6	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 16000	85.3	85.3	85.6	85.6	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 14000	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 12000	86.7	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 10000	89.9	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 9000	89.9	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 8000	92.2	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 7000	93.1	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 6000	93.5	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 5000	94.5	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 4500	95.7	95.8	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
GE 4000	97.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 3500	97.8	98.0	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 3000	98.1	98.2	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
GE 2500	98.4	98.6	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4
GE 2000	98.5	98.7	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
GE 1800	98.5	98.7	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
GE 1500	98.7	98.9	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 1200	98.7	98.9	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 1000	98.7	98.9	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 900	98.7	98.9	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 800	98.7	98.9	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 700	98.7	98.9	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 600	98.7	98.9	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 500	98.7	98.9	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 400	98.7	98.9	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	98.7	98.9	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	98.7	98.9	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	98.7	98.9	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	98.7	98.9	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: ALL

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	72.9	73.8	74.4	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 20000	80.0	81.0	81.7	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 18000	80.1	81.0	81.8	82.0	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 16000	80.1	81.1	81.8	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 14000	80.6	81.6	82.3	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 12000	82.8	83.9	84.6	84.9	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 10000	85.7	86.8	87.6	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 9000	86.0	87.1	87.9	88.2	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 8000	88.0	89.2	90.1	90.4	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 7000	89.1	90.3	91.2	91.5	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 6000	89.6	90.8	91.7	92.0	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 5000	90.5	91.7	92.6	92.9	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 4500	91.3	92.6	93.5	93.8	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 4000	92.9	94.3	95.2	95.5	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 3500	93.4	94.8	95.8	96.1	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3000	94.1	95.6	96.6	96.9	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500	94.3	95.8	96.8	97.2	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	94.4	95.9	97.0	97.3	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	94.5	96.0	97.1	97.4	97.9	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	94.8	96.4	97.4	97.8	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	95.0	96.5	97.6	98.1	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	95.1	96.7	97.9	98.4	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	95.1	96.7	98.0	98.5	99.0	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	95.2	96.8	98.0	98.6	99.1	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	95.2	96.9	98.1	98.6	99.2	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	95.2	96.9	98.1	98.7	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	95.2	96.9	98.1	98.7	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 400	95.2	96.9	98.2	98.7	99.3	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	95.2	96.9	98.2	98.7	99.3	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	95.2	96.9	98.2	98.7	99.3	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	95.2	96.9	98.2	98.7	99.3	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 000	95.2	96.9	98.2	98.7	99.3	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 00-02

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	74.0	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6	74.6
GE 20000	77.7	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3
GE 18000	77.8	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4
GE 16000	77.8	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4
GE 14000	78.7	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3
GE 12000	79.9	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.6	80.6	80.6	80.6
GE 10000	82.0	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7
GE 9000	82.3	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0
GE 8000	84.6	84.9	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3
GE 7000	85.2	85.6	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0
GE 6000	86.0	86.4	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9
GE 5000	86.7	87.1	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.6
GE 4500	88.4	89.0	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4
GE 4000	90.0	90.6	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0
GE 3500	90.7	91.2	91.3	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
GE 3000	91.6	92.1	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6
GE 2500	91.7	92.3	92.4	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8
GE 2000	92.4	93.1	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.6	93.6	93.6	93.6
GE 1800	92.7	93.3	93.4	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
GE 1500	93.2	94.0	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6
GE 1200	93.9	94.7	94.8	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2
GE 1000	94.3	95.1	95.2	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
GE 900	95.3	96.1	96.2	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 800	96.3	97.2	97.4	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 700	96.4	97.3	97.6	98.1	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 600	96.9	97.8	98.1	98.8	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE 500	97.1	98.0	98.3	99.0	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 400	97.1	98.0	98.3	99.0	99.1	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	97.1	98.0	98.3	99.0	99.1	99.2	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	97.1	98.0	98.3	99.0	99.1	99.2	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	97.1	98.0	98.3	99.0	99.1	99.2	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	97.1	98.0	98.3	99.0	99.1	99.2	99.6	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 03-05

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	71.0	71.8	72.0	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 20000	73.4	74.2	74.4	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 18000	73.4	74.2	74.4	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 16000	73.4	74.2	74.4	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 14000	73.9	74.7	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 12000	75.0	75.8	76.0	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 10000	76.8	77.7	77.9	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 9000	77.0	78.0	78.2	78.4	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 8000	79.0	80.0	80.2	80.4	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 7000	79.4	80.4	80.7	80.9	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 6000	79.8	80.9	81.2	81.6	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 5000	80.2	81.3	81.7	82.0	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4500	82.2	83.4	84.0	84.4	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4000	83.6	84.9	85.4	86.0	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3500	84.6	86.0	86.7	87.2	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 3000	85.3	87.0	87.7	88.2	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 2500	86.0	87.8	88.6	89.1	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 2000	87.1	88.9	89.7	90.3	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1800	87.2	89.0	89.8	90.4	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1500	88.8	90.7	91.4	92.2	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1200	89.2	91.1	92.1	92.9	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1000	90.0	91.9	92.9	93.7	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 900	90.9	92.8	93.8	94.6	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 800	91.6	93.4	94.4	95.2	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	91.7	93.6	94.6	95.3	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 600	92.0	93.9	94.9	95.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 500	92.2	94.6	95.8	96.6	97.6	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 400	92.6	95.2	96.6	97.3	98.4	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	92.6	95.3	96.7	97.6	98.8	98.8	99.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	92.6	95.3	96.7	97.6	98.8	98.8	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	92.6	95.3	96.7	97.6	98.8	98.8	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.6	95.3	96.7	97.6	98.8	98.8	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 06-08

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.2	59.2	61.3	61.8	62.2	62.2	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 20000	60.3	64.4	66.6	67.0	67.6	67.6	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 18000	60.3	64.4	66.6	67.0	67.6	67.6	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 16000	60.6	64.7	66.8	67.2	67.8	67.8	67.8	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 14000	61.2	65.3	67.4	67.9	68.4	68.4	68.4	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 12000	62.8	67.0	69.1	69.6	70.1	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 10000	64.9	69.1	71.2	71.8	72.3	72.3	72.3	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 9000	65.8	70.0	72.1	72.7	73.4	73.4	73.4	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 8000	68.3	72.6	74.7	75.3	76.1	76.1	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 7000	68.8	73.0	75.1	75.8	76.6	76.6	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 6000	69.8	74.1	76.2	76.9	77.7	77.7	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 5000	71.0	75.3	77.6	78.2	79.0	79.0	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 4500	72.9	77.2	79.7	80.3	81.1	81.2	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 4000	73.6	78.2	80.7	81.7	82.4	82.6	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3500	74.7	79.4	81.9	82.9	83.7	83.8	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 3000	75.3	80.2	82.9	84.1	85.2	85.3	85.3	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 2500	76.0	80.9	83.6	85.0	86.1	86.3	86.3	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2000	77.0	81.9	84.9	86.3	87.6	87.8	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1800	77.4	82.4	85.4	86.9	88.1	88.3	88.3	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1500	78.2	83.2	86.6	88.0	89.3	89.6	89.6	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1200	79.0	84.2	87.6	89.0	90.3	90.6	90.6	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1000	79.6	85.2	88.6	90.2	91.7	91.9	92.0	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 900	80.0	85.9	89.2	90.9	92.3	92.6	92.7	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 800	81.2	87.6	91.0	92.7	94.2	94.4	94.6	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 700	81.7	88.0	91.4	93.1	94.8	95.0	95.1	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 600	81.9	88.2	91.7	93.4	95.3	95.6	95.8	96.2	96.2	96.6	96.6	96.6	96.7	96.7	96.7	96.7
GE 500	82.3	88.8	92.3	94.1	96.1	96.3	96.8	97.4	97.4	97.9	97.9	97.9	98.0	98.0	98.0	98.0
GE 400	82.8	89.3	92.9	94.9	97.1	97.3	97.8	98.4	98.4	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 300	82.8	89.3	92.9	95.0	97.2	97.4	97.9	98.7	98.8	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 200	82.8	89.3	92.9	95.0	97.2	97.4	97.9	98.7	98.8	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 100	82.8	89.3	92.9	95.0	97.2	97.4	97.9	98.7	98.8	99.4	99.4	99.4	99.6	99.9	100.0	100.0
GE 000	82.8	89.3	92.9	95.0	97.2	97.4	97.9	98.7	98.8	99.4	99.4	99.4	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: PORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 09-11

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.6	60.8	61.3	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 20000	65.1	67.3	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 18000	65.1	67.3	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 16000	65.1	67.3	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 14000	66.9	69.1	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 12000	68.8	71.0	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 10000	70.3	72.8	73.6	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 9000	71.1	73.6	74.4	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 8000	73.7	76.2	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 7000	74.1	76.8	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 6000	74.6	77.2	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 5000	75.6	78.2	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 4500	77.0	79.8	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 4000	77.8	80.6	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 3500	78.8	81.7	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3000	80.2	83.1	84.3	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2500	81.8	84.9	86.1	86.7	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 2000	83.7	86.8	88.1	88.7	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1800	84.4	87.6	88.9	89.4	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1500	85.6	88.8	90.2	90.8	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1200	87.1	90.4	92.0	92.7	93.2	93.3	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1000	87.9	91.3	92.9	94.0	94.9	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 900	88.1	91.8	93.3	94.4	95.3	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	88.8	92.7	94.4	95.6	96.6	96.8	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	89.0	93.1	95.1	96.2	97.2	97.4	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	89.1	93.6	95.6	97.0	98.0	98.2	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	89.2	93.7	95.7	97.1	98.1	98.3	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	89.2	93.7	95.7	97.1	98.1	98.3	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4
GE 300	89.2	93.7	95.7	97.1	98.1	98.3	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.8
GE 200	89.2	93.7	95.7	97.1	98.2	98.4	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.8	99.9	100.0
GE 100	89.2	93.7	95.7	97.1	98.2	98.4	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.8	99.9	100.0
GE 000	89.2	93.7	95.7	97.1	98.2	98.4	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 12-14

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.0	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 20000	70.6	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 18000	70.6	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 16000	70.7	71.3	71.4	71.6	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 14000	72.3	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 12000	74.1	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 10000	76.4	77.1	77.2	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
GE 9000	77.2	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 8000	79.2	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 7000	79.8	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 6000	80.1	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 5000	80.7	81.4	81.6	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 4500	83.2	84.0	84.1	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
GE 4000	85.0	85.9	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3500	85.9	87.0	87.4	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 3000	88.1	89.6	90.0	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
GE 2500	90.2	91.9	92.4	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2000	91.8	93.6	94.1	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1800	91.9	93.7	94.2	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1500	92.8	94.6	95.2	95.4	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1200	93.4	95.2	96.2	96.6	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	93.8	95.6	96.6	96.9	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	93.9	95.7	96.9	97.2	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	94.2	96.2	97.4	97.9	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	94.7	96.8	98.0	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	94.7	96.9	98.1	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	94.7	96.9	98.1	98.8	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	94.7	96.9	98.1	98.8	99.3	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	94.7	96.9	98.1	98.8	99.3	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	94.7	96.9	98.1	98.8	99.3	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.7	96.9	98.1	98.8	99.3	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.7	96.9	98.1	98.8	99.3	99.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 15-17

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 20000	75.7	76.0	76.0	76.0	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 18000	75.7	76.0	76.0	76.0	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 16000	75.7	76.0	76.0	76.0	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 14000	77.0	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
GE 12000	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 10000	82.0	82.3	82.3	82.3	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 9000	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 8000	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 7000	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 6000	85.0	85.6	85.6	85.6	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	86.3	86.9	86.9	86.9	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	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 4000	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 3500	91.0	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3000	92.7	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2500	93.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000	94.9	96.0	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
GE 1800	95.1	96.2	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
GE 1500	95.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1200	96.2	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1000	96.6	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	96.6	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	96.8	98.3	98.6	98.7	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	97.0	98.7	98.9	99.1	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	97.1	98.8	99.0	99.2	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	97.1	98.8	99.0	99.2	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.1	98.8	99.0	99.2	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.1	98.8	99.0	99.2	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.1	98.8	99.0	99.2	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.1	98.8	99.0	99.2	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.1	98.8	99.0	99.2	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 18-20

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 20000	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 18000	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 16000	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 14000	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 12000	81.7	82.0	82.0	82.0	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 10000	85.2	85.6	85.6	85.6	85.6	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 9000	85.2	85.6	85.6	85.6	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 8000	87.7	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 7000	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	89.0	89.0	89.0
GE 6000	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 5000	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
GE 4500	91.7	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6
GE 4000	92.6	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7
GE 3500	93.0	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
GE 3000	93.8	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0
GE 2500	94.4	95.4	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
GE 2000	95.4	96.4	96.4	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 1800	95.4	96.4	96.4	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 1500	96.6	97.6	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 1200	96.8	97.8	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 1000	97.0	98.0	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 900	97.0	98.0	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 800	97.1	98.4	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 700	97.4	98.8	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 600	97.6	98.9	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 500	97.6	98.9	99.0	99.4	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	97.6	98.9	99.0	99.4	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	97.6	98.9	99.0	99.4	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	97.6	98.9	99.0	99.4	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	97.6	98.9	99.0	99.4	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	97.6	98.9	99.0	99.4	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 21-23

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	74.0	74.0	74.1	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
GE 20000	80.1	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 18000	80.1	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 16000	80.1	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 14000	80.7	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 12000	81.6	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 10000	83.2	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 9000	83.7	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 8000	86.6	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 7000	87.7	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 6000	87.8	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 5000	88.3	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 4500	90.2	90.6	90.8	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
GE 4000	92.1	92.7	93.1	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
GE 3500	92.6	93.2	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 3000	93.2	93.9	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8
GE 2500	93.4	94.1	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0
GE 2000	93.8	94.4	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
GE 1800	93.9	94.6	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.6
GE 1500	94.7	95.3	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4
GE 1200	94.9	95.6	96.2	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
GE 1000	95.6	96.2	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
GE 900	95.9	96.8	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
GE 800	95.9	96.9	98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
GE 700	96.2	97.2	98.3	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3
GE 600	96.3	97.3	98.4	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4
GE 500	96.3	97.3	98.4	98.8	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6
GE 400	96.3	97.3	98.4	98.8	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 300	96.3	97.3	98.4	98.8	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 200	96.3	97.3	98.4	98.8	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	96.3	97.3	98.4	98.8	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	96.3	97.3	98.4	98.8	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: ALL

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.6	67.6	68.0	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 20000	72.7	73.8	74.2	74.4	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 18000	72.7	73.8	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6
GE 16000	72.8	73.9	74.3	74.5	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 14000	73.8	74.9	75.3	75.5	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 12000	75.3	76.5	76.9	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 10000	77.6	78.8	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 9000	78.1	79.3	79.7	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 8000	80.4	81.6	82.1	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 7000	81.0	82.3	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 6000	81.5	82.8	83.3	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 5000	82.3	83.6	84.1	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4500	84.2	85.6	86.2	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7
GE 4000	85.5	87.0	87.6	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2
GE 3500	86.4	88.0	88.7	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3
GE 3000	87.5	89.3	90.0	90.3	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2500	88.4	90.3	91.0	91.4	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2000	89.5	91.4	92.2	92.6	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
GE 1800	89.8	91.7	92.5	92.9	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1500	90.7	92.6	93.5	94.0	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1200	91.3	93.3	94.3	94.8	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1000	91.8	93.9	94.9	95.5	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4
GE 900	92.2	94.4	95.4	96.0	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9
GE 800	92.7	95.1	96.2	96.9	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
GE 700	93.0	95.4	96.6	97.3	97.9	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
GE 600	93.2	95.7	96.8	97.6	98.3	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	93.3	95.9	97.1	97.9	98.6	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 400	93.4	96.0	97.3	98.1	98.8	98.9	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7
GE 300	93.4	96.0	97.3	98.1	98.9	99.0	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 200	93.4	96.0	97.3	98.1	98.9	99.0	99.3	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	93.4	96.0	97.3	98.1	98.9	99.0	99.3	99.5	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0
GE 000	93.4	96.0	97.3	98.1	98.9	99.0	99.3	99.5	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 00-02

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.2	68.1	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	69.0	69.0
GE 20000	70.9	71.7	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.7	72.7
GE 18000	70.9	71.7	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.7	72.7
GE 16000	70.9	71.7	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.7	72.7
GE 14000	71.3	72.2	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.1	73.1
GE 12000	72.5	73.3	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.3	74.3
GE 10000	74.8	75.8	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.8	76.8
GE 9000	75.2	76.1	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.1	77.1
GE 8000	76.7	77.6	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.6	78.6
GE 7000	77.6	78.6	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.6	79.6
GE 6000	78.2	79.1	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.1	80.1
GE 5000	80.2	81.2	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.2	82.2
GE 4500	82.2	83.1	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.2	84.2
GE 4000	82.9	83.9	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	85.1	85.1
GE 3500	83.8	84.7	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.9	85.9
GE 3000	84.5	85.5	86.0	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	87.0	87.0
GE 2500	85.9	86.9	87.4	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.4	88.4
GE 2000	87.4	88.5	89.0	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	90.0	90.0
GE 1800	87.5	88.6	89.1	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.1	90.1
GE 1500	88.7	89.8	90.3	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.3	91.3
GE 1200	89.7	91.0	91.5	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.5	92.5
GE 1000	91.1	92.7	93.2	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.4	94.4
GE 900	91.5	93.1	93.7	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.8	94.8
GE 800	91.9	93.5	94.1	94.8	95.1	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.4	95.4
GE 700	92.5	94.3	95.1	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.5	96.5
GE 600	92.5	94.4	95.2	96.0	96.3	96.3	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.7	96.7
GE 500	92.6	94.5	95.3	96.2	96.9	96.9	97.0	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.5	97.5
GE 400	92.8	94.8	95.7	97.0	98.0	98.1	98.4	98.6	98.6	98.6	98.7	98.9	98.9	98.9	99.0	99.0
GE 300	92.8	94.8	95.7	97.0	98.2	98.3	98.6	98.8	98.8	98.8	99.1	99.4	99.4	99.4	99.5	99.5
GE 200	92.9	94.9	95.8	97.1	98.3	98.4	98.7	98.9	98.9	98.9	99.2	99.5	99.5	99.5	99.6	99.6
GE 100	92.9	94.9	95.8	97.1	98.3	98.4	98.7	98.9	98.9	98.9	99.2	99.5	99.5	99.6	99.7	99.8
GE 000	92.9	94.9	95.8	97.1	98.3	98.4	98.7	98.9	98.9	99.2	99.5	99.5	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 03-05

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.2	62.8	63.0	64.1	64.4	64.4	64.5	64.6	64.7	64.7	64.8	64.8	64.8	64.9	64.9	65.2
GE 20000	66.2	66.9	67.1	68.2	68.5	68.5	68.6	68.7	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.2
GE 18000	66.2	66.9	67.1	68.2	68.5	68.5	68.6	68.7	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.2
GE 16000	66.2	66.9	67.1	68.2	68.5	68.5	68.6	68.7	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.2
GE 14000	66.2	66.9	67.1	68.2	68.5	68.5	68.6	68.7	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.2
GE 12000	67.5	68.2	68.4	69.5	69.8	69.8	69.9	70.0	70.1	70.1	70.2	70.2	70.2	70.3	70.3	70.5
GE 10000	68.7	69.4	69.6	70.6	71.0	71.0	71.1	71.2	71.3	71.3	71.4	71.4	71.4	71.5	71.5	71.7
GE 9000	69.5	70.1	70.3	71.4	71.7	71.7	71.8	71.9	72.0	72.0	72.2	72.2	72.2	72.3	72.3	72.5
GE 8000	71.5	72.2	72.4	73.4	73.8	73.8	73.9	74.0	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.5
GE 7000	71.9	72.8	73.1	74.2	74.5	74.5	74.6	74.7	74.8	74.8	74.9	74.9	74.9	75.1	75.1	75.3
GE 6000	72.0	72.9	73.2	74.3	74.6	74.6	74.7	74.8	74.9	74.9	75.1	75.1	75.1	75.2	75.2	75.4
GE 5000	73.7	74.5	74.8	75.9	76.3	76.3	76.5	76.6	76.7	76.7	76.8	76.8	76.8	76.9	76.9	77.1
GE 4500	76.1	77.1	77.5	78.6	79.1	79.1	79.2	79.4	79.5	79.5	79.6	79.6	79.6	79.7	79.7	79.9
GE 4000	77.3	78.3	78.7	79.8	80.3	80.3	80.4	80.5	80.6	80.6	80.8	80.8	80.8	80.9	80.9	81.1
GE 3500	78.1	79.1	79.6	80.6	81.2	81.2	81.3	81.4	81.5	81.5	81.6	81.6	81.6	81.7	81.7	81.9
GE 3000	78.7	79.8	80.4	81.6	82.4	82.4	82.5	82.6	82.7	82.7	82.8	82.8	82.8	82.9	82.9	83.1
GE 2500	79.5	80.5	81.2	82.4	83.1	83.1	83.2	83.3	83.4	83.4	83.5	83.5	83.5	83.7	83.7	83.9
GE 2000	81.5	83.0	83.7	84.8	85.6	85.6	85.7	85.9	86.0	86.1	86.2	86.2	86.2	86.3	86.3	86.6
GE 1800	81.9	83.4	84.1	85.3	86.0	86.0	86.1	86.3	86.5	86.6	86.7	86.7	86.7	86.8	86.8	87.0
GE 1500	82.8	84.4	85.2	86.3	87.1	87.1	87.2	87.4	87.5	87.6	87.7	87.7	87.7	87.8	87.8	88.1
GE 1200	84.3	86.0	86.8	88.0	88.7	88.7	88.8	89.2	89.4	89.5	89.6	89.6	89.6	89.7	89.7	89.9
GE 1000	84.9	86.8	87.5	88.7	89.5	89.6	89.7	90.1	90.2	90.3	90.4	90.4	90.4	90.5	90.5	90.8
GE 900	85.1	86.9	87.6	88.8	89.6	89.7	89.8	90.2	90.3	90.4	90.5	90.5	90.5	90.6	90.6	90.9
GE 800	85.8	87.6	88.6	89.8	90.5	90.6	90.8	91.2	91.3	91.4	91.5	91.5	91.5	91.6	91.6	91.8
GE 700	86.7	88.7	89.9	91.1	91.8	91.9	92.2	92.6	92.7	92.8	93.0	93.0	93.0	93.1	93.1	93.3
GE 600	86.9	88.9	90.2	91.4	92.2	92.3	92.5	93.1	93.2	93.3	93.5	93.5	93.5	93.7	93.7	93.9
GE 500	87.2	89.6	90.9	92.3	93.1	93.2	93.5	94.2	94.3	94.4	94.6	94.6	94.6	94.7	94.7	95.1
GE 400	87.7	90.5	91.9	93.7	94.7	94.8	95.5	96.1	96.2	96.3	96.6	96.6	96.6	96.7	96.7	97.0
GE 300	87.7	90.6	92.4	94.4	95.5	95.6	96.5	97.1	97.2	97.4	97.6	97.6	97.6	97.7	97.7	98.1
GE 200	87.7	90.8	92.5	94.6	95.9	96.1	97.0	97.7	97.8	98.1	98.3	98.3	98.4	98.5	98.6	98.9
GE 100	87.7	90.8	92.5	94.6	95.9	96.1	97.0	97.7	97.8	98.2	98.4	98.4	98.5	98.6	98.8	99.5
GE 000	87.7	90.8	92.5	94.6	95.9	96.1	97.0	97.7	97.8	98.2	98.4	98.4	98.5	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 06-08

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.5	56.7	57.4	58.8	59.4	59.5	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.9	60.0	60.2
GE 20000	60.0	61.4	62.2	63.5	64.1	64.2	64.3	64.5	64.5	64.5	64.6	64.6	64.6	64.7	64.8	65.1
GE 18000	60.2	61.6	62.4	63.8	64.3	64.4	64.5	64.7	64.7	64.7	64.8	64.8	64.8	64.9	65.1	65.3
GE 16000	60.2	61.6	62.4	63.8	64.3	64.4	64.5	64.7	64.7	64.7	64.8	64.8	64.8	64.9	65.1	65.3
GE 14000	60.4	61.8	62.6	64.0	64.5	64.6	64.7	64.9	64.9	64.9	65.1	65.1	65.1	65.2	65.3	65.5
GE 12000	62.4	63.8	64.7	66.1	66.8	66.9	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.4	67.5	67.7
GE 10000	64.4	65.8	67.0	68.4	69.0	69.1	69.2	69.5	69.5	69.5	69.6	69.6	69.6	69.7	69.8	70.0
GE 9000	65.1	66.5	67.6	69.0	69.7	69.8	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.3	70.4	70.6
GE 8000	67.0	68.4	69.6	71.0	71.6	71.7	71.8	72.0	72.0	72.0	72.2	72.2	72.2	72.3	72.4	72.6
GE 7000	67.1	68.5	70.0	71.4	72.2	72.3	72.4	72.6	72.6	72.6	72.7	72.7	72.7	72.8	72.9	73.1
GE 6000	67.3	68.7	70.2	71.8	72.6	72.7	72.8	73.0	73.0	73.0	73.1	73.1	73.1	73.2	73.3	73.5
GE 5000	68.4	69.8	71.5	73.1	73.9	74.0	74.1	74.3	74.3	74.3	74.4	74.4	74.4	74.5	74.6	74.8
GE 4500	70.8	72.3	74.1	75.7	76.6	76.7	76.8	77.0	77.0	77.0	77.1	77.1	77.1	77.2	77.3	77.5
GE 4000	71.7	73.2	75.2	76.8	77.6	77.7	77.8	78.1	78.1	78.1	78.2	78.2	78.2	78.3	78.4	78.6
GE 3500	72.3	73.9	75.8	77.6	78.5	78.6	78.7	78.9	78.9	78.9	79.0	79.0	79.0	79.1	79.2	79.5
GE 3000	73.3	74.9	76.9	78.7	79.7	79.8	79.9	80.1	80.1	80.1	80.2	80.2	80.2	80.3	80.4	80.8
GE 2500	73.8	75.4	77.4	79.2	80.3	80.8	80.9	81.1	81.1	81.1	81.2	81.2	81.2	81.3	81.4	81.7
GE 2000	75.9	77.7	79.9	81.7	82.8	83.2	83.3	83.5	83.5	83.5	83.7	83.7	83.7	83.8	83.9	84.2
GE 1800	76.3	78.2	80.3	82.2	83.2	83.7	83.8	84.0	84.0	84.0	84.1	84.1	84.1	84.2	84.3	84.6
GE 1500	77.6	79.9	82.3	84.1	85.3	85.8	86.0	86.2	86.2	86.2	86.3	86.3	86.3	86.5	86.6	86.9
GE 1200	78.7	81.1	83.5	85.5	86.8	87.3	87.5	87.7	87.7	87.7	87.8	87.8	87.8	88.0	88.1	88.4
GE 1000	79.0	81.5	84.1	86.0	87.4	88.0	88.2	88.4	88.4	88.4	88.5	88.5	88.5	88.6	88.7	89.0
GE 900	79.1	81.6	84.4	86.3	87.8	88.4	88.6	88.8	88.8	88.8	88.9	88.9	88.9	89.0	89.1	89.5
GE 800	79.5	82.0	84.8	87.0	88.5	89.0	89.2	89.5	89.5	89.5	89.6	89.6	89.6	89.7	89.8	90.1
GE 700	80.0	82.6	85.5	88.0	89.7	90.2	90.5	90.8	90.8	90.8	90.9	90.9	90.9	91.0	91.1	91.4
GE 600	80.4	83.0	86.0	88.5	90.2	90.8	91.1	91.4	91.4	91.4	91.5	91.5	91.5	91.6	91.7	92.0
GE 500	81.0	83.9	87.0	89.6	91.5	92.3	92.8	93.3	93.3	93.3	93.4	93.4	93.5	93.7	93.8	94.1
GE 400	81.2	84.4	87.7	90.8	93.1	94.0	94.5	95.1	95.2	95.3	95.4	95.4	95.5	95.6	95.8	96.2
GE 300	81.2	84.6	88.1	91.2	93.5	94.6	95.2	95.9	96.0	96.2	96.6	96.6	96.8	96.9	97.1	97.5
GE 200	81.4	85.1	88.5	91.7	94.2	95.3	95.8	96.6	96.7	96.9	97.2	97.2	97.7	98.0	98.2	98.7
GE 100	81.4	85.1	88.5	91.7	94.2	95.4	95.9	96.8	96.9	97.1	97.4	97.4	98.0	98.2	98.7	99.7
GE 000	81.4	85.1	88.5	91.7	94.2	95.4	95.9	96.8	96.9	97.1	97.4	97.4	98.0	98.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 30

OPERATING LOCATION: "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 09-11

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.5	57.0	57.6	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 20000	62.0	62.6	63.2	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 18000	62.0	62.6	63.2	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 16000	62.0	62.6	63.2	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 14000	62.9	63.4	64.1	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 12000	65.5	66.1	66.8	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 10000	68.2	68.9	69.8	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 9000	69.1	69.9	70.8	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 8000	71.2	71.9	72.9	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 7000	71.4	72.2	73.1	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 6000	71.6	72.5	73.4	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 5000	72.4	73.3	74.3	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4500	73.7	74.7	75.8	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 4000	74.5	75.6	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3500	75.2	76.2	77.5	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3000	75.8	77.1	78.4	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0
GE 2500	77.4	78.8	80.2	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0
GE 2000	80.0	81.4	82.9	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8
GE 1800	80.4	81.8	83.4	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4
GE 1500	82.7	84.2	86.1	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3
GE 1200	83.4	85.2	87.3	87.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5
GE 1000	84.5	86.3	88.6	89.1	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9
GE 900	85.5	87.4	89.7	90.2	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0
GE 800	85.9	87.8	90.6	91.4	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5
GE 700	85.9	88.3	91.5	92.6	93.5	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
GE 600	86.1	88.8	92.3	93.3	94.4	94.5	94.7	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1
GE 500	86.3	89.1	92.7	93.9	95.2	95.4	96.2	96.6	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 400	86.3	89.2	92.8	94.2	95.7	96.1	97.5	98.0	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4
GE 300	86.3	89.2	92.8	94.2	95.8	96.2	97.8	98.8	98.9	99.2	99.5	99.5	99.8	99.8	99.9	99.9
GE 200	86.3	89.2	92.8	94.2	95.8	96.2	97.8	98.8	98.9	99.2	99.5	99.5	99.8	99.8	99.9	99.9
GE 100	86.3	89.2	92.8	94.2	95.8	96.2	97.8	98.8	98.9	99.2	99.5	99.5	99.8	99.8	99.9	99.9
GE 000	86.3	89.2	92.8	94.2	95.8	96.2	97.8	98.8	98.9	99.2	99.5	99.5	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 12-14

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.6	62.7	62.8	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
GE 20000	69.9	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 18000	70.0	70.1	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 16000	70.0	70.1	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 14000	70.5	70.6	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 12000	71.9	72.3	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 10000	73.3	73.7	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 9000	74.3	74.6	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 8000	76.0	76.3	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 7000	76.3	76.7	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 6000	76.9	77.2	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 5000	77.0	77.3	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4500	78.6	78.9	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 4000	79.6	79.9	80.4	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
GE 3500	80.1	80.4	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3000	82.2	82.5	83.0	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
GE 2500	85.2	85.5	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2000	87.3	87.7	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1800	88.2	88.7	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1500	89.8	90.6	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1200	92.2	93.2	93.9	94.2	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000	92.8	94.4	95.1	95.4	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 900	92.9	94.5	95.5	95.8	96.0	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 800	93.2	94.9	96.7	97.1	97.3	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	93.2	94.9	96.9	97.3	97.5	97.5	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	93.2	95.1	97.2	97.7	98.0	98.0	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	93.7	95.5	97.7	98.3	98.5	98.5	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	93.8	95.6	97.8	98.4	98.6	98.6	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	93.8	95.6	97.8	98.5	98.7	98.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	93.8	95.6	97.8	98.5	98.7	98.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	93.8	95.6	97.8	98.5	98.7	98.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	93.8	95.6	97.8	98.5	98.7	98.8	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 15-17

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 20000	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 18000	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 16000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 14000	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 12000	77.2	77.2	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
GE 10000	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 9000	80.5	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 8000	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 7000	83.1	83.1	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
GE 6000	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 5000	84.1	84.2	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
GE 4500	84.4	84.5	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
GE 4000	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 3500	86.6	86.7	86.9	86.9	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 3000	88.2	88.3	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 2500	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2000	92.2	92.4	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1800	92.5	92.8	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1500	93.7	94.5	94.9	94.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1200	94.7	95.8	96.3	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
GE 1000	95.3	96.5	97.0	97.2	97.2	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 900	95.4	96.7	97.3	97.5	97.5	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	95.5	96.9	97.6	97.8	97.8	97.8	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	95.5	97.0	97.7	98.0	98.0	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	95.8	97.4	98.3	98.6	98.6	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	95.8	97.4	98.4	98.7	98.7	98.7	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	95.8	97.4	98.4	98.7	98.7	98.7	99.0	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	95.8	97.4	98.4	98.8	98.9	98.9	99.2	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	95.8	97.4	98.4	98.8	98.9	98.9	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.8	97.4	98.4	98.8	98.9	98.9	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.8	97.4	98.4	98.8	98.9	98.9	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 18-20

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.8	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
GE 20000	74.9	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 18000	75.1	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
GE 16000	75.1	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
GE 14000	75.4	75.6	75.6	75.6	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 12000	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 10000	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 9000	80.3	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
GE 8000	82.9	83.2	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
GE 7000	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 6000	84.9	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 5000	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 4500	86.9	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4000	87.4	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3500	88.0	88.4	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
GE 3000	89.5	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2500	90.6	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 2000	92.6	93.1	93.3	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
GE 1800	92.8	93.3	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1500	93.2	93.9	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1200	93.7	94.3	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1000	94.7	95.6	95.9	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	95.3	96.1	96.6	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	95.4	96.5	97.0	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	95.5	96.6	97.2	97.6	98.2	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	95.7	96.8	97.4	97.8	98.4	98.4	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	95.7	96.9	97.6	98.2	99.1	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	95.8	97.0	97.7	98.3	99.2	99.2	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	95.8	97.0	97.7	98.3	99.2	99.2	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	95.8	97.0	97.7	98.3	99.2	99.2	99.5	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	95.8	97.0	97.7	98.3	99.2	99.2	99.5	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	95.8	97.0	97.7	98.3	99.2	99.2	99.5	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 21-23

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.0	68.3	68.4	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 20000	73.1	73.4	73.5	73.5	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 18000	73.2	73.5	73.7	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 16000	73.2	73.5	73.7	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 14000	73.5	73.9	74.0	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 12000	75.7	76.0	76.1	76.1	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 10000	77.5	77.8	78.0	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 9000	77.8	78.2	78.3	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 8000	80.1	80.4	80.5	80.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 7000	81.3	81.6	81.7	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 6000	81.7	82.0	82.2	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 5000	83.9	84.2	84.3	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4500	85.3	85.6	85.7	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 4000	86.2	86.7	86.8	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3500	86.8	87.2	87.3	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 3000	87.4	87.8	88.0	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	88.6	89.0	89.1	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2000	90.2	90.6	90.8	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1800	90.8	91.2	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	91.6
GE 1500	91.9	92.4	92.6	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1200	92.9	93.4	93.7	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000	93.8	94.3	94.5	94.5	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 900	94.5	95.2	95.4	95.4	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 800	95.1	95.7	95.9	95.9	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 700	95.4	96.1	96.5	96.5	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	95.5	96.3	96.8	96.8	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	95.8	96.9	97.4	97.4	98.1	98.3	98.4	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	95.9	97.2	98.0	98.0	98.7	98.9	99.0	99.0	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	96.0	97.3	98.1	98.3	99.1	99.4	99.5	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	96.0	97.3	98.1	98.3	99.1	99.4	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.0	97.3	98.1	98.3	99.1	99.4	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.0	97.3	98.1	98.3	99.1	99.4	99.5	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: ALL

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.2	63.7	64.0	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.8
GE 20000	68.9	69.4	69.8	70.1	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.6
GE 18000	69.0	69.5	69.9	70.2	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6
GE 16000	69.0	69.6	69.9	70.2	70.4	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.7
GE 14000	69.4	69.9	70.3	70.6	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0
GE 12000	71.2	71.7	72.1	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.9
GE 10000	73.3	73.9	74.3	74.7	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1
GE 9000	74.0	74.6	75.0	75.4	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8
GE 8000	76.0	76.6	77.0	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8
GE 7000	76.7	77.3	77.8	78.2	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6
GE 6000	77.1	77.7	78.2	78.6	78.8	78.8	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.1
GE 5000	78.2	78.8	79.4	79.8	80.0	80.0	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.3
GE 4500	79.7	80.4	81.0	81.5	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9
GE 4000	80.6	81.3	81.9	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.9
GE 3500	81.3	82.1	82.7	83.2	83.4	83.4	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.7
GE 3000	82.4	83.2	83.9	84.4	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	85.0
GE 2500	83.9	84.7	85.4	85.9	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.6
GE 2000	85.9	86.8	87.6	88.1	88.4	88.5	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.8
GE 1800	86.3	87.3	88.0	88.6	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.3
GE 1500	87.6	88.7	89.6	90.2	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	91.0
GE 1200	88.7	90.0	91.0	91.6	92.0	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.5
GE 1000	89.5	91.0	92.0	92.6	93.1	93.2	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.6	93.6
GE 900	89.9	91.4	92.5	93.2	93.6	93.7	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2
GE 800	90.3	91.9	93.2	93.9	94.4	94.5	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	95.0	95.0
GE 700	90.6	92.3	93.8	94.6	95.2	95.3	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.9	95.9	96.0
GE 600	90.8	92.6	94.2	95.0	95.7	95.8	96.0	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.5
GE 500	91.0	93.0	94.6	95.6	96.4	96.5	96.9	97.2	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.6
GE 400	91.2	93.3	95.0	96.1	97.1	97.3	97.8	98.1	98.2	98.3	98.5	98.5	98.5	98.5	98.6	98.7
GE 300	91.2	93.3	95.1	96.3	97.4	97.6	98.2	98.6	98.7	98.9	99.1	99.1	99.2	99.2	99.2	99.3
GE 200	91.2	93.4	95.2	96.4	97.5	97.8	98.4	98.8	98.9	99.1	99.3	99.3	99.4	99.5	99.5	99.6
GE 100	91.2	93.4	95.2	96.4	97.5	97.8	98.4	98.8	98.9	99.2	99.3	99.3	99.5	99.5	99.6	99.9
GE 000	91.2	93.4	95.2	96.4	97.5	97.8	98.4	98.8	98.9	99.2	99.3	99.3	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 00-02

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.8	65.2	65.4	65.4	66.1	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.6	66.6
GE 20000	70.1	70.6	70.8	70.8	71.4	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9
GE 18000	70.1	70.6	70.8	70.8	71.4	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9
GE 16000	70.1	70.6	70.8	70.8	71.4	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9
GE 14000	71.0	71.4	71.7	71.7	72.3	72.4	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.8
GE 12000	72.4	72.9	73.1	73.1	73.8	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.2	74.2
GE 10000	73.1	73.6	73.8	73.8	74.4	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.9	74.9
GE 9000	73.1	73.6	73.8	73.8	74.4	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.9	74.9
GE 8000	74.3	75.0	75.2	75.2	75.9	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.4	76.4
GE 7000	75.3	76.0	76.2	76.2	76.9	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.4	77.4
GE 6000	75.7	76.3	76.6	76.6	77.2	77.3	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.8	77.8
GE 5000	76.4	77.1	77.3	77.3	78.0	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.6	78.6
GE 4500	77.7	78.4	78.7	78.7	79.3	79.4	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.9	79.9
GE 4000	77.8	78.6	78.8	78.8	79.4	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	80.0	80.0
GE 3500	78.1	79.0	79.2	79.2	79.9	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.4	80.4
GE 3000	79.3	80.2	80.4	80.4	81.1	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.7	81.7
GE 2500	80.4	81.3	81.6	81.6	82.2	82.3	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.8	82.8
GE 2000	82.0	83.0	83.2	83.2	83.9	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.4	84.4
GE 1800	82.2	83.2	83.4	83.4	84.1	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.7	84.7
GE 1500	85.0	86.0	86.3	86.3	87.0	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.7	87.7
GE 1200	86.4	87.4	87.8	87.8	88.4	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.2	89.2
GE 1000	87.7	88.7	89.3	89.4	90.3	90.7	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.2	91.2
GE 900	88.0	89.0	89.7	89.8	90.7	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.6	91.6
GE 800	88.6	89.7	90.7	90.8	91.7	92.0	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.6	92.6
GE 700	89.0	90.1	91.2	91.3	92.6	92.9	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.4	93.4
GE 600	89.4	90.8	92.2	92.4	93.7	94.0	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.6	94.6
GE 500	89.7	91.3	92.9	93.1	94.3	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.2	95.2
GE 400	89.8	91.7	93.3	93.8	95.0	95.3	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	96.0	96.0
GE 300	90.0	92.4	94.1	94.8	96.2	96.6	97.0	97.1	97.1	97.6	97.6	97.8	97.8	97.8	98.1	98.1
GE 200	90.0	92.4	94.1	94.8	96.2	96.7	97.2	97.3	97.3	97.8	97.8	98.0	98.0	98.1	98.4	98.4
GE 100	90.0	92.4	94.1	94.8	96.2	96.7	97.2	97.4	97.4	97.9	97.9	98.1	98.3	98.7	99.1	99.3
GE 000	90.0	92.4	94.1	94.8	96.2	96.7	97.2	97.4	97.4	97.9	97.9	98.1	98.3	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 03-05

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.0	61.7	61.8	62.3	63.2	63.2	63.4	63.4	63.4	63.6	63.6	63.6	63.8	63.9	64.1	64.1
GE 20000	65.9	66.8	66.9	67.4	68.6	68.6	68.8	68.8	68.8	68.9	68.9	68.9	69.1	69.2	69.4	69.4
GE 18000	66.0	66.9	67.0	67.6	68.7	68.7	68.9	68.9	68.9	69.0	69.0	69.0	69.2	69.3	69.6	69.6
GE 16000	66.0	66.9	67.0	67.6	68.7	68.7	68.9	68.9	68.9	69.0	69.0	69.0	69.2	69.3	69.6	69.6
GE 14000	66.8	67.7	67.8	68.3	69.4	69.4	69.7	69.7	69.7	69.8	69.8	69.8	70.0	70.1	70.3	70.3
GE 12000	67.2	68.1	68.2	68.8	69.9	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.4	70.6	70.8	70.8
GE 10000	68.2	69.1	69.2	69.8	71.1	71.1	71.3	71.3	71.3	71.4	71.4	71.4	71.7	71.8	72.0	72.0
GE 9000	68.3	69.2	69.3	69.9	71.2	71.2	71.4	71.4	71.4	71.6	71.6	71.6	71.8	71.9	72.1	72.1
GE 8000	69.8	70.7	70.8	71.3	72.7	72.7	72.9	72.9	72.9	73.1	73.1	73.1	73.4	73.6	73.8	73.8
GE 7000	70.6	71.4	71.6	72.1	73.4	73.4	73.7	73.7	73.7	73.9	73.9	73.9	74.2	74.3	74.6	74.6
GE 6000	70.6	71.4	71.6	72.1	73.4	73.4	73.7	73.7	73.7	73.9	73.9	73.9	74.2	74.3	74.6	74.6
GE 5000	71.0	71.9	72.0	72.6	73.9	73.9	74.1	74.1	74.1	74.3	74.3	74.3	74.7	74.8	75.0	75.0
GE 4500	72.1	73.0	73.1	73.7	75.0	75.0	75.2	75.2	75.2	75.4	75.4	75.4	75.8	75.9	76.1	76.1
GE 4000	72.3	73.2	73.3	73.9	75.2	75.2	75.4	75.4	75.4	75.7	75.7	75.7	76.0	76.1	76.3	76.3
GE 3500	73.0	73.9	74.0	74.6	75.9	75.9	76.1	76.1	76.1	76.3	76.3	76.3	76.7	76.8	77.0	77.0
GE 3000	74.0	74.9	75.0	75.7	77.0	77.0	77.2	77.2	77.2	77.4	77.4	77.4	77.8	77.9	78.1	78.1
GE 2500	75.1	76.1	76.2	76.9	78.3	78.3	78.6	78.6	78.6	78.8	78.8	78.8	79.1	79.2	79.4	79.4
GE 2000	76.8	77.9	78.1	78.8	80.3	80.3	80.6	80.6	80.6	80.8	80.8	80.8	81.1	81.2	81.4	81.4
GE 1800	77.6	78.7	78.9	79.6	81.1	81.1	81.3	81.3	81.3	81.6	81.6	81.6	81.9	82.0	82.2	82.2
GE 1500	79.7	80.9	81.1	81.8	83.3	83.3	83.6	83.6	83.6	83.8	83.8	83.8	84.1	84.2	84.4	84.4
GE 1200	82.0	83.3	83.6	84.2	85.8	85.8	86.0	86.0	86.0	86.2	86.2	86.2	86.6	86.7	86.9	86.9
GE 1000	83.6	85.0	85.2	85.9	87.7	87.8	88.2	88.3	88.3	88.6	88.6	88.6	88.9	89.0	89.2	89.2
GE 900	84.4	85.9	86.2	86.9	88.7	88.8	89.2	89.3	89.3	89.6	89.6	89.6	89.9	90.0	90.2	90.2
GE 800	84.9	86.6	87.1	87.9	89.7	89.8	90.2	90.3	90.3	90.6	90.6	90.6	90.9	91.0	91.2	91.2
GE 700	85.7	87.3	88.1	88.9	90.8	90.9	91.3	91.4	91.4	91.7	91.7	91.7	92.0	92.1	92.3	92.3
GE 600	85.8	87.6	88.6	89.8	91.7	91.8	92.2	92.3	92.3	92.6	92.6	92.6	92.9	93.0	93.2	93.2
GE 500	86.3	88.4	89.7	91.0	93.1	93.2	93.7	93.8	93.8	94.0	94.0	94.0	94.3	94.4	94.7	94.7
GE 400	86.6	88.9	90.1	91.8	94.0	94.1	95.0	95.1	95.1	95.3	95.3	95.3	95.7	95.8	96.0	96.0
GE 300	86.6	88.9	90.1	91.8	94.2	94.4	95.4	95.8	95.8	96.1	96.2	96.3	96.8	96.9	97.1	97.1
GE 200	86.6	88.9	90.2	91.9	94.3	94.6	95.7	96.0	96.1	96.6	96.8	96.9	97.3	97.4	97.7	97.7
GE 100	86.6	88.9	90.2	91.9	94.3	94.6	95.7	96.0	96.1	96.7	97.0	97.1	97.9	98.1	98.8	99.1
GE 000	86.6	88.9	90.2	91.9	94.3	94.6	95.7	96.0	96.1	96.7	97.0	97.1	98.0	98.2	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: PORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 06-08

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.9	55.0	55.3	55.6	55.9	56.0	56.2	56.2	56.2	56.2	56.3	56.3	56.6	56.6	57.2	57.7
GE 20000	59.6	61.4	62.0	62.3	62.7	62.8	63.1	63.1	63.1	63.1	63.2	63.2	63.4	63.4	64.1	64.7
GE 18000	59.9	61.8	62.3	62.7	63.0	63.1	63.4	63.4	63.4	63.4	63.6	63.6	63.8	63.8	64.4	65.0
GE 16000	59.9	61.8	62.3	62.7	63.0	63.1	63.4	63.4	63.4	63.4	63.6	63.6	63.8	63.8	64.4	65.0
GE 14000	60.3	62.2	62.8	63.1	63.4	63.6	63.9	63.9	63.9	63.9	64.0	64.0	64.2	64.2	64.9	65.4
GE 12000	61.1	63.1	63.7	64.1	64.4	64.6	64.9	64.9	64.9	64.9	65.0	65.0	65.2	65.2	65.9	66.4
GE 10000	62.7	64.7	65.3	65.8	66.2	66.3	66.7	66.7	66.7	66.7	66.8	66.8	67.0	67.0	67.7	68.2
GE 9000	62.9	64.9	65.6	66.0	66.4	66.6	66.9	66.9	66.9	66.9	67.0	67.0	67.2	67.2	67.9	68.4
GE 8000	63.9	65.9	66.9	67.3	67.8	67.9	68.2	68.2	68.2	68.2	68.4	68.4	68.7	68.7	69.3	69.9
GE 7000	64.4	66.4	67.4	67.9	68.3	68.4	68.8	68.8	68.8	68.8	69.0	69.0	69.2	69.2	69.9	70.4
GE 6000	64.4	66.4	67.4	67.9	68.3	68.4	68.8	68.8	68.8	68.8	69.0	69.0	69.2	69.2	69.9	70.4
GE 5000	64.7	66.7	67.7	68.1	68.6	68.7	69.0	69.0	69.0	69.0	69.2	69.2	69.4	69.4	70.1	70.7
GE 4500	66.2	68.4	69.4	70.0	70.4	70.6	70.9	70.9	70.9	70.9	71.1	71.1	71.3	71.3	72.0	72.6
GE 4000	66.6	68.8	69.8	70.3	70.8	70.9	71.2	71.2	71.2	71.2	71.4	71.4	71.7	71.7	72.3	72.9
GE 3500	67.1	69.3	70.3	70.9	71.3	71.4	71.8	71.8	71.8	71.8	72.0	72.0	72.2	72.2	72.9	73.4
GE 3000	68.1	70.8	71.8	72.3	72.9	73.0	73.3	73.3	73.3	73.3	73.6	73.6	73.8	73.8	74.4	75.0
GE 2500	69.4	72.2	73.3	73.9	74.6	74.7	75.0	75.0	75.0	75.0	75.2	75.2	75.4	75.4	76.1	76.7
GE 2000	72.0	75.0	76.2	76.9	77.7	77.8	78.1	78.1	78.1	78.1	78.3	78.3	78.6	78.6	79.2	79.8
GE 1800	72.3	75.3	76.6	77.2	78.0	78.1	78.4	78.4	78.4	78.4	78.7	78.7	78.9	78.9	79.6	80.1
GE 1500	75.2	78.2	79.7	80.7	81.4	81.6	81.9	81.9	81.9	81.9	82.1	82.1	82.3	82.3	83.0	83.6
GE 1200	76.2	79.2	80.7	81.7	82.4	82.6	82.9	82.9	82.9	82.9	83.1	83.1	83.3	83.3	84.0	84.6
GE 1000	77.8	80.8	82.3	83.4	84.2	84.3	84.8	84.9	85.0	85.0	85.2	85.2	85.4	85.4	86.1	86.7
GE 900	78.1	81.1	82.8	83.9	84.7	84.8	85.2	85.3	85.4	85.4	85.7	85.7	85.9	85.9	86.6	87.1
GE 800	79.2	82.2	84.1	85.3	86.3	86.4	86.9	87.0	87.1	87.1	87.3	87.3	87.6	87.6	88.2	88.9
GE 700	79.9	83.1	85.0	86.4	87.4	87.7	88.2	88.4	88.6	88.6	88.8	88.8	89.0	89.0	89.7	90.3
GE 600	80.0	83.4	85.3	87.0	88.1	88.3	88.9	89.2	89.3	89.3	89.6	89.6	89.8	89.8	90.4	91.1
GE 500	80.2	84.0	86.0	88.3	90.0	90.4	91.0	91.3	91.6	91.6	91.8	91.8	92.0	92.0	92.7	93.3
GE 400	80.6	84.6	86.9	89.4	91.4	92.0	92.7	93.2	93.4	93.6	93.8	93.8	94.0	94.0	94.7	95.3
GE 300	80.6	84.6	87.1	89.9	92.1	92.8	93.7	94.3	94.6	95.0	95.2	95.2	95.4	95.4	96.1	96.8
GE 200	80.6	84.6	87.1	89.9	92.2	92.9	93.8	94.6	94.9	95.6	96.2	96.2	96.6	96.6	97.2	98.1
GE 100	80.6	84.6	87.1	89.9	92.2	92.9	93.9	94.7	95.0	95.8	96.8	96.8	97.3	97.4	98.3	99.4
GE 000	80.6	84.6	87.1	89.9	92.2	92.9	93.9	94.7	95.0	95.8	96.8	96.8	97.3	97.4	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 09-11

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.3	52.1	52.2	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.9	52.9	52.9	52.9	53.0	53.4
GE 20000	58.9	60.0	60.1	60.8	60.8	60.8	60.8	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.1	61.6
GE 18000	59.0	60.1	60.2	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.1	61.1	61.1	61.1	61.2	61.7
GE 16000	59.0	60.1	60.2	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.1	61.1	61.1	61.1	61.2	61.7
GE 14000	59.2	60.6	60.8	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.7	61.7	61.7	61.7	61.8	62.2
GE 12000	60.1	61.7	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.9	62.9	62.9	62.9	63.0	63.4
GE 10000	62.4	64.1	64.6	65.4	65.4	65.4	65.4	65.4	65.4	65.6	65.7	65.7	65.7	65.7	65.8	66.2
GE 9000	63.0	64.7	65.1	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.2	66.2	66.2	66.2	66.3	66.8
GE 8000	64.3	66.1	66.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	68.0	68.0	68.0	68.0	68.1	68.6
GE 7000	65.3	67.1	67.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	69.0	69.0	69.0	69.0	69.1	69.6
GE 6000	65.8	67.6	68.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.4	69.4	69.4	69.4	69.6	70.0
GE 5000	66.2	68.3	69.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.3	70.3	70.3	70.3	70.4	70.9
GE 4500	67.1	69.2	70.0	71.0	71.1	71.1	71.1	71.1	71.1	71.2	71.4	71.4	71.4	71.4	71.6	72.0
GE 4000	68.1	70.2	71.1	72.1	72.2	72.2	72.2	72.2	72.2	72.3	72.6	72.6	72.6	72.6	72.7	73.1
GE 3500	69.0	71.1	72.0	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.4	73.4	73.4	73.4	73.6	74.0
GE 3000	70.9	73.0	74.0	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.4	75.4	75.4	75.4	75.6	76.0
GE 2500	71.9	74.3	75.3	76.4	76.6	76.6	76.6	76.6	76.6	76.7	76.9	76.9	76.9	76.9	77.0	77.4
GE 2000	74.3	76.9	78.0	79.1	79.6	79.6	79.6	79.6	79.6	79.7	79.9	79.9	79.9	79.9	80.0	80.4
GE 1800	75.0	77.6	78.7	79.9	80.3	80.3	80.3	80.3	80.3	80.4	80.7	80.7	80.7	80.7	80.8	81.2
GE 1500	77.0	79.7	81.1	82.3	82.9	83.0	83.0	83.0	83.0	83.1	83.3	83.3	83.3	83.3	83.4	83.9
GE 1200	78.6	81.4	83.0	84.4	85.0	85.1	85.1	85.1	85.1	85.2	85.4	85.4	85.4	85.4	85.6	86.0
GE 1000	80.8	83.8	85.6	87.2	87.9	88.0	88.2	88.2	88.2	88.3	88.6	88.6	88.6	88.6	88.7	89.1
GE 900	81.6	84.7	86.6	88.2	88.9	89.0	89.2	89.2	89.2	89.3	89.6	89.6	89.6	89.6	89.7	90.1
GE 800	82.1	85.2	87.2	89.2	90.1	90.2	90.4	90.4	90.4	90.6	90.8	90.8	90.8	90.8	90.9	91.3
GE 700	82.3	85.6	87.7	89.8	90.8	90.9	91.1	91.3	91.3	91.4	91.7	91.7	91.7	91.7	91.8	92.2
GE 600	82.4	85.7	87.8	89.9	91.1	91.2	91.4	91.8	91.8	91.9	92.1	92.1	92.1	92.1	92.2	92.7
GE 500	82.7	86.0	88.3	90.8	92.6	93.0	93.6	94.0	94.0	94.2	94.6	94.6	94.6	94.6	94.7	95.1
GE 400	82.8	86.1	88.4	91.0	92.8	93.2	93.9	94.9	95.1	95.3	95.9	95.9	95.9	95.9	96.0	96.4
GE 300	82.9	86.3	88.7	91.2	93.0	93.4	94.4	95.6	96.0	96.6	97.6	97.6	97.7	97.7	97.9	98.3
GE 200	82.9	86.3	88.7	91.2	93.0	93.4	94.4	95.6	96.1	96.7	97.9	97.9	98.2	98.4	98.7	99.1
GE 100	82.9	86.3	88.7	91.2	93.0	93.4	94.6	95.7	96.2	96.8	98.1	98.2	98.6	98.9	99.2	99.8
GE 000	82.9	86.3	88.7	91.2	93.0	93.4	94.6	95.7	96.2	96.8	98.1	98.2	98.6	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 12-14

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 20000	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	66.6
GE 18000	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 16000	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
GE 14000	67.4	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	67.7	67.7
GE 12000	67.7	68.0	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	68.2
GE 10000	70.4	70.6	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 9000	70.5	70.7	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	71.2
GE 8000	72.0	72.2	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 7000	72.6	72.9	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 6000	73.4	73.6	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 5000	73.7	74.0	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4500	74.5	74.9	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4000	75.1	75.4	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3500	75.5	75.9	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3000	78.3	78.6	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 2500	80.4	80.8	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 2000	83.2	83.6	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1800	83.9	84.3	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1500	86.5	87.1	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1200	88.1	88.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1000	89.5	90.7	91.9	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 900	89.8	90.9	92.1	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 800	90.4	91.5	92.8	93.8	94.2	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 700	90.8	92.0	93.3	94.4	94.9	94.9	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 600	90.9	92.1	93.4	94.7	95.4	95.4	95.8	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 500	91.0	92.2	93.7	95.0	95.8	96.1	96.7	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 400	91.0	92.2	93.7	95.1	95.9	96.4	97.0	97.4	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9
GE 300	91.0	92.4	93.9	95.3	96.3	97.0	97.7	98.1	98.2	98.3	98.7	98.8	98.9	98.9	98.9	98.9
GE 200	91.0	92.4	93.9	95.3	96.3	97.0	97.9	98.3	98.6	98.8	99.2	99.3	99.6	99.6	99.7	99.8
GE 100	91.0	92.4	93.9	95.3	96.3	97.0	97.9	98.3	98.6	98.8	99.2	99.3	99.6	99.6	99.9	100.0
GE 000	91.0	92.4	93.9	95.3	96.3	97.0	97.9	98.3	98.6	98.8	99.2	99.3	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 15-17

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 20000	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 18000	71.0	71.0	71.0	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
GE 16000	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 14000	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 12000	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 10000	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 9000	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 8000	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 7000	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 6000	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 5000	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 4500	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4000	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3500	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3000	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 2500	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2000	88.3	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1800	89.1	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1500	90.8	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1200	91.6	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1000	92.4	92.9	92.9	93.3	93.3	93.3	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 900	92.8	93.2	93.2	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 800	93.4	93.9	94.0	94.7	94.9	94.9	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 700	93.7	94.1	94.3	95.1	95.3	95.3	95.6	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	94.1	94.6	94.9	95.7	96.0	96.2	96.4	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 500	94.2	94.7	95.0	95.8	96.2	96.4	96.9	97	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	94.6	95.0	95.3	96.2	97.0	97.2	97.7	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	94.6	95.0	95.3	96.2	97.1	97.3	97.8	98.3	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	94.6	95.0	95.3	96.3	97.3	97.6	98.0	98.6	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.6
GE 100	94.6	95.0	95.3	96.3	97.3	97.6	98.0	98.6	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.9
GE 000	94.6	95.0	95.3	96.3	97.3	97.6	98.0	98.6	99.2	99.2	99.3	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 18-20

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.1	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 20000	72.1	72.3	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 18000	72.7	72.9	73.0	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
GE 16000	72.8	73.0	73.1	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
GE 14000	74.0	74.2	74.3	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 12000	76.1	76.3	76.4	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 10000	79.0	79.2	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 9000	79.1	79.3	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 8000	80.4	80.7	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 7000	81.0	81.2	81.3	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 6000	81.8	82.0	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 5000	82.4	82.7	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4500	84.0	84.2	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4000	84.7	84.9	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 3500	85.7	85.9	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 3000	86.7	86.9	87.0	87.4	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 2500	88.8	89.0	89.2	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2000	89.9	90.1	90.3	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1800	90.3	90.7	90.9	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1500	91.6	92.0	92.2	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1200	92.0	92.4	92.9	93.6	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1000	92.3	92.9	93.7	94.6	94.7	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 900	92.4	93.0	93.8	94.7	94.8	94.8	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 800	93.0	93.6	94.4	95.3	95.6	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 700	93.6	94.1	95.0	95.9	96.1	96.4	96.4	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	93.9	94.4	95.3	96.2	96.4	96.8	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 500	94.0	94.7	95.6	96.8	97.1	97.4	97.7	97.9	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	94.0	94.8	95.7	96.9	97.3	97.7	97.9	98.1	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	94.0	94.8	95.7	97.1	97.7	98.0	98.2	98.4	98.4	98.8	99.1	99.1	99.3	99.6	99.6	99.6
GE 200	94.0	94.8	95.7	97.1	97.7	98.0	98.2	98.4	98.4	98.8	99.2	99.2	99.6	99.8	99.8	99.8
GE 100	94.0	94.8	95.7	97.1	97.7	98.0	98.2	98.4	98.4	98.8	99.2	99.2	99.7	99.9	99.9	100.0
GE 000	94.0	94.8	95.7	97.1	97.7	98.0	98.2	98.4	98.4	98.8	99.2	99.2	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 21-23

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.6	68.8	69.0	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.7
GE 20000	73.7	73.9	74.2	74.2	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.9
GE 18000	73.9	74.1	74.4	74.4	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	75.1
GE 16000	74.0	74.2	74.6	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.2
GE 14000	75.1	75.3	75.7	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.3
GE 12000	76.8	77.0	77.3	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	78.0
GE 10000	79.0	79.2	79.6	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.2
GE 9000	79.3	79.6	79.9	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.6
GE 8000	80.1	80.3	80.7	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.7
GE 7000	80.3	80.6	80.9	81.2	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.9
GE 6000	80.4	80.7	81.0	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	82.0
GE 5000	81.6	81.8	82.1	82.4	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	83.1
GE 4500	82.6	82.8	83.2	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.2
GE 4000	83.1	83.3	83.8	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.8
GE 3500	83.8	84.0	84.6	84.9	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.7
GE 3000	84.7	84.9	85.4	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.6
GE 2500	85.1	85.3	86.0	86.3	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	87.1
GE 2000	85.9	86.1	87.0	87.3	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9	88.1
GE 1800	86.7	86.9	87.8	88.1	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.9
GE 1500	88.7	88.9	89.8	90.1	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.9
GE 1200	89.2	89.4	90.4	90.8	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.7
GE 1000	90.1	90.4	91.7	92.0	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	93.0
GE 900	90.6	90.9	92.1	92.4	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.4
GE 800	91.2	91.7	92.9	93.4	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.4
GE 700	91.7	92.1	93.3	93.9	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.9
GE 600	92.1	92.6	93.8	94.4	94.9	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.8
GE 500	93.3	93.8	95.1	95.8	96.2	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	97.1
GE 400	93.4	94.0	95.3	96.3	97.0	97.2	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.9	98.1
GE 300	93.6	94.2	95.7	96.8	97.7	97.9	98.2	98.2	98.2	98.7	98.7	98.8	98.8	98.9	99.0	99.3
GE 200	93.6	94.2	95.7	96.8	97.7	97.9	98.2	98.2	98.2	98.9	98.9	99.0	99.2	99.3	99.4	99.7
GE 100	93.6	94.2	95.7	96.8	97.7	97.9	98.2	98.2	98.2	98.9	98.9	99.0	99.3	99.6	99.7	99.9
GE 000	93.6	94.2	95.7	96.8	97.7	97.9	98.2	98.2	98.2	98.9	98.9	99.0	99.3	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: ALL

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.0	60.4	60.6	60.7	61.0	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.3	61.3	61.4	61.6
GE 20000	67.2	67.8	68.0	68.2	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.8	68.8	69.0	69.1
GE 18000	67.4	68.0	68.2	68.4	68.7	68.8	68.8	68.8	68.9	68.9	68.9	68.9	69.0	69.0	69.1	69.3
GE 16000	67.5	68.1	68.2	68.5	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.1	69.2	69.4
GE 14000	68.3	68.9	69.1	69.4	69.7	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9	70.0	70.1	70.3
GE 12000	69.3	70.0	70.2	70.4	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.2	71.3
GE 10000	71.2	71.9	72.2	72.5	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.1	73.1	73.2	73.4
GE 9000	71.4	72.1	72.4	72.7	73.0	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.4	73.6
GE 8000	72.6	73.4	73.7	74.1	74.4	74.5	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.8	74.9	75.1
GE 7000	73.4	74.1	74.5	74.8	75.1	75.2	75.3	75.3	75.3	75.3	75.4	75.4	75.5	75.5	75.6	75.8
GE 6000	73.8	74.5	74.9	75.2	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.9	75.9	76.1	76.2
GE 5000	74.4	75.2	75.5	75.9	76.2	76.3	76.4	76.4	76.4	76.4	76.5	76.5	76.6	76.6	76.7	76.9
GE 4500	75.6	76.4	76.8	77.2	77.5	77.6	77.6	77.6	77.7	77.7	77.8	77.8	77.8	77.9	78.0	78.2
GE 4000	76.1	77.0	77.3	77.7	78.1	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.6	78.7
GE 3500	76.9	77.8	78.2	78.5	78.9	78.9	79.0	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.4	79.6
GE 3000	78.4	79.3	79.7	80.1	80.5	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.8	80.8	81.0	81.2
GE 2500	79.7	80.7	81.2	81.6	82.0	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.3	82.3	82.5	82.7
GE 2000	81.6	82.6	83.2	83.6	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.6	84.7
GE 1800	82.1	83.2	83.8	84.2	84.7	84.8	84.9	84.9	84.9	84.9	85.0	85.0	85.1	85.1	85.2	85.4
GE 1500	84.3	85.5	86.1	86.6	87.1	87.2	87.3	87.3	87.3	87.3	87.4	87.4	87.5	87.5	87.7	87.8
GE 1200	85.5	86.7	87.5	88.0	88.6	88.6	88.7	88.7	88.7	88.8	88.9	88.9	88.9	89.0	89.1	89.3
GE 1000	86.8	88.1	89.1	89.8	90.4	90.5	90.7	90.7	90.7	90.8	90.9	90.9	90.9	91.0	91.1	91.3
GE 900	87.2	88.6	89.6	90.3	90.9	91.0	91.2	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.7	91.8
GE 800	87.9	89.3	90.4	91.3	92.0	92.1	92.4	92.4	92.5	92.6	92.6	92.6	92.7	92.7	92.9	93.0
GE 700	88.3	89.8	91.0	92.0	92.8	92.9	93.2	93.3	93.4	93.5	93.5	93.5	93.6	93.6	93.8	93.9
GE 600	88.6	90.1	91.4	92.5	93.4	93.6	93.9	94.1	94.2	94.2	94.3	94.3	94.4	94.4	94.6	94.7
GE 500	88.9	90.6	92.0	93.3	94.4	94.7	95.1	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.9	96.1
GE 400	89.1	90.9	92.3	93.8	95.1	95.4	95.9	96.3	96.4	96.5	96.7	96.7	96.8	96.8	97.0	97.1
GE 300	89.1	91.1	92.6	94.1	95.5	95.9	96.6	97.0	97.2	97.5	97.7	97.8	98.0	98.0	98.2	98.4
GE 200	89.1	91.1	92.6	94.2	95.6	96.0	96.7	97.1	97.4	97.8	98.2	98.2	98.5	98.6	98.8	99.0
GE 100	89.1	91.1	92.6	94.2	95.6	96.0	96.7	97.2	97.4	97.8	98.3	98.4	98.7	98.9	99.3	99.7
GE 000	89.1	91.1	92.6	94.2	95.6	96.0	96.7	97.2	97.4	97.8	98.3	98.4	98.8	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 00-02

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.5	61.8	61.9	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 20000	65.1	65.5	65.6	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 18000	65.1	65.5	65.6	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 16000	65.1	65.5	65.6	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 14000	65.5	65.9	66.0	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 12000	66.1	66.6	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 10000	67.2	67.6	67.7	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 9000	67.2	67.6	67.7	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 8000	68.4	68.8	68.9	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 7000	70.4	70.9	71.0	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 6000	71.6	72.0	72.2	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 5000	72.5	72.9	73.0	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 4500	73.4	73.9	74.0	74.2	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 4000	74.1	74.6	74.7	74.9	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 3500	74.5	75.2	75.3	75.5	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 3000	75.4	76.0	76.1	76.3	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 2500	76.6	77.2	77.7	78.1	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 2000	78.6	79.4	80.0	80.3	80.4	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 1800	78.9	79.8	80.4	80.8	80.9	81.0	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1500	81.8	82.9	83.7	84.1	84.2	84.3	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1200	82.9	84.2	85.2	85.6	85.7	85.8	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1000	84.9	86.7	87.6	88.1	88.3	88.4	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 900	85.2	87.0	88.0	88.4	88.6	88.7	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 800	85.8	88.3	89.6	90.0	90.2	90.3	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 700	86.0	88.5	89.8	90.4	90.6	90.9	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 600	86.2	88.7	90.0	90.6	91.0	91.3	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 500	86.7	89.2	90.9	91.7	92.7	93.0	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 400	87.1	89.7	91.4	92.4	94.0	94.6	95.6	95.8	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.1
GE 300	87.1	89.7	91.4	92.4	94.4	95.1	96.1	96.8	96.8	96.9	97.1	97.1	97.1	97.2	97.2	97.5
GE 200	87.1	89.7	91.4	92.5	94.6	95.3	96.3	97.0	97.1	97.4	97.6	97.6	97.7	97.8	97.8	98.2
GE 100	87.1	89.7	91.4	92.5	94.6	95.3	96.3	97.0	97.2	97.5	97.7	97.7	98.1	98.2	98.3	98.7
GE 000	87.1	89.7	91.4	92.5	94.6	95.3	96.3	97.0	97.2	97.5	97.7	97.7	98.1	98.2	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 03-05

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.2	60.5	60.5	60.6	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.3
GE 20000	63.7	64.0	64.0	64.1	64.2	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.7	64.7	64.7	64.8
GE 18000	63.7	64.0	64.0	64.1	64.2	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.7	64.7	64.7	64.8
GE 16000	63.7	64.0	64.0	64.1	64.2	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.7	64.7	64.7	64.8
GE 14000	64.4	64.7	64.7	64.8	64.9	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.5	65.5	65.5	65.6
GE 12000	65.2	65.6	65.6	65.7	65.8	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.3	66.5
GE 10000	65.7	66.1	66.1	66.2	66.3	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.9	66.9	66.9	67.0
GE 9000	65.7	66.1	66.1	66.2	66.3	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.9	66.9	66.9	67.0
GE 8000	66.5	66.9	66.9	67.1	67.4	67.5	67.6	67.7	67.7	67.7	67.7	67.7	68.0	68.0	68.0	68.1
GE 7000	67.8	68.5	68.5	68.7	69.0	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.6	69.6	69.6	69.7
GE 6000	68.7	69.4	69.4	69.6	69.9	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.5
GE 5000	70.0	70.6	70.6	70.9	71.2	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.7	71.7	71.7	71.8
GE 4500	70.8	71.4	71.6	71.8	72.2	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.8	72.8	72.8	72.9
GE 4000	71.4	72.3	72.5	72.7	73.0	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.7	73.7	73.7	73.8
GE 3500	72.0	72.9	73.1	73.3	73.7	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.3	74.3	74.3	74.4
GE 3000	72.7	73.5	73.8	74.0	74.3	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.9	74.9	74.9	75.1
GE 2500	74.7	75.7	75.9	76.1	76.6	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.2	77.2	77.2	77.3
GE 2000	76.9	78.1	78.3	78.6	79.0	79.1	79.6	79.8	79.8	79.8	79.8	79.8	80.0	80.0	80.0	80.1
GE 1800	77.5	78.8	79.0	79.4	79.8	79.9	80.3	80.5	80.5	80.5	80.5	80.5	80.8	80.8	80.8	80.9
GE 1500	79.6	80.9	81.2	81.5	81.9	82.0	82.6	82.8	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.2
GE 1200	80.9	82.3	82.7	83.0	83.4	83.5	84.1	84.3	84.5	84.6	84.6	84.6	84.8	84.8	84.8	84.9
GE 1000	82.5	83.9	84.3	84.6	85.1	85.2	85.8	86.0	86.2	86.3	86.3	86.3	86.6	86.6	86.6	86.7
GE 900	82.8	84.2	84.6	85.3	85.7	85.8	86.5	86.9	87.1	87.2	87.2	87.2	87.4	87.4	87.4	87.5
GE 800	83.0	84.5	85.1	86.0	86.5	86.6	87.2	87.8	88.1	88.2	88.2	88.2	88.4	88.4	88.4	88.5
GE 700	83.7	85.4	85.9	87.0	87.4	87.5	88.2	88.8	89.0	89.1	89.1	89.1	89.4	89.4	89.4	89.5
GE 600	84.1	85.8	86.3	87.4	87.8	88.0	88.7	89.4	89.6	89.7	89.7	89.7	89.9	89.9	89.9	90.0
GE 500	84.3	86.5	87.3	88.9	90.2	90.4	91.4	92.0	92.3	92.4	92.4	92.4	92.6	92.6	92.6	92.7
GE 400	84.8	87.1	88.3	90.3	92.3	92.6	93.8	94.6	95.1	95.2	95.4	95.4	95.6	95.6	95.6	95.7
GE 300	84.9	87.2	88.4	90.4	92.5	92.8	94.0	94.9	95.6	95.8	96.1	96.1	96.3	96.5	96.6	96.8
GE 200	84.9	87.2	88.4	90.4	92.5	92.9	94.2	95.3	96.0	96.3	96.8	96.8	97.0	97.1	97.2	97.4
GE 100	84.9	87.2	88.4	90.4	92.5	92.9	94.2	95.3	96.0	96.5	97.1	97.1	97.5	97.6	97.8	98.4
GE 000	84.9	87.2	88.4	90.4	92.5	92.9	94.2	95.3	96.0	96.5	97.1	97.1	97.5	97.6	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 06-08

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.9	55.6	55.9	56.1	56.1	56.1	56.1	56.3	56.5	56.6	56.6	56.6	56.6	56.6	56.7	56.7
GE 20000	58.9	59.7	60.1	60.3	60.3	60.3	60.3	60.5	60.6	60.8	60.8	60.8	60.9	60.9	61.0	61.0
GE 18000	59.0	59.8	60.2	60.4	60.4	60.4	60.4	60.6	60.8	60.9	60.9	60.9	61.0	61.0	61.1	61.1
GE 16000	59.0	59.8	60.2	60.4	60.4	60.4	60.4	60.6	60.8	60.9	60.9	60.9	61.0	61.0	61.1	61.1
GE 14000	59.1	59.9	60.3	60.5	60.5	60.5	60.5	60.8	60.9	61.0	61.0	61.0	61.1	61.1	61.2	61.2
GE 12000	60.0	60.8	61.2	61.4	61.4	61.4	61.4	61.6	61.7	61.8	61.8	61.8	61.9	61.9	62.0	62.0
GE 10000	62.2	62.9	63.3	63.5	63.5	63.5	63.5	63.8	63.9	64.0	64.0	64.0	64.1	64.1	64.2	64.2
GE 9000	62.3	63.0	63.4	63.7	63.7	63.7	63.7	63.9	64.0	64.1	64.1	64.1	64.2	64.2	64.3	64.3
GE 8000	63.0	63.8	64.4	64.7	64.8	64.8	64.8	65.1	65.2	65.3	65.3	65.3	65.4	65.4	65.5	65.5
GE 7000	63.8	64.5	65.2	65.5	65.7	65.7	65.7	65.9	66.0	66.1	66.1	66.1	66.2	66.2	66.3	66.3
GE 6000	64.9	65.8	66.5	66.8	67.0	67.0	67.0	67.2	67.3	67.4	67.4	67.4	67.5	67.5	67.6	67.6
GE 5000	66.1	67.0	67.6	68.0	68.2	68.2	68.2	68.4	68.5	68.6	68.6	68.6	68.7	68.7	68.8	68.8
GE 4500	67.5	68.4	69.0	69.4	69.6	69.6	69.6	69.8	69.9	70.0	70.0	70.0	70.1	70.1	70.2	70.2
GE 4000	68.4	69.2	69.9	70.3	70.6	70.6	70.6	70.9	71.0	71.1	71.1	71.1	71.2	71.2	71.3	71.3
GE 3500	70.0	70.9	71.5	71.9	72.3	72.3	72.3	72.5	72.6	72.7	72.7	72.7	72.8	72.8	72.9	72.9
GE 3000	70.5	71.4	72.2	72.6	72.9	72.9	72.9	73.1	73.2	73.3	73.3	73.3	73.4	73.4	73.5	73.5
GE 2500	71.8	72.7	73.4	73.9	74.2	74.2	74.2	74.4	74.5	74.6	74.6	74.6	74.7	74.7	74.8	74.8
GE 2000	74.1	74.9	76.0	76.5	76.8	76.8	76.8	77.0	77.1	77.2	77.2	77.2	77.3	77.3	77.4	77.4
GE 1800	75.1	76.0	77.2	77.6	78.1	78.2	78.2	78.4	78.6	78.7	78.7	78.7	78.8	78.8	78.9	78.9
GE 1500	76.8	77.8	79.1	79.7	80.1	80.2	80.2	80.4	80.6	80.9	80.9	80.9	81.0	81.0	81.1	81.1
GE 1200	78.3	79.4	80.8	81.3	81.7	81.9	82.3	82.5	82.7	82.9	82.9	82.9	83.0	83.0	83.1	83.1
GE 1000	79.9	81.2	82.6	83.2	83.8	84.0	84.3	84.5	84.7	84.9	84.9	84.9	85.1	85.1	85.2	85.2
GE 900	80.5	81.9	83.3	84.0	84.5	84.7	85.1	85.3	85.5	85.7	85.7	85.7	85.8	85.8	85.9	85.9
GE 800	81.3	82.7	84.2	84.8	85.4	85.7	86.0	86.2	86.5	86.7	86.7	86.7	86.8	86.8	86.9	86.9
GE 700	81.5	82.9	84.7	85.4	85.9	86.2	86.7	87.0	87.2	87.4	87.4	87.4	87.5	87.5	87.6	87.6
GE 600	81.5	82.9	84.7	85.6	86.3	86.7	87.3	87.6	87.8	88.1	88.1	88.1	88.2	88.2	88.3	88.3
GE 500	82.3	84.1	86.2	87.5	88.5	89.1	89.8	90.1	90.4	90.6	90.6	90.6	90.8	90.8	90.9	90.9
GE 400	83.0	85.1	87.7	89.5	90.6	91.4	92.4	92.7	93.1	93.4	93.4	93.4	93.5	93.5	93.7	93.7
GE 300	83.0	85.1	88.0	89.7	91.6	92.4	93.5	94.2	94.6	95.3	95.4	95.4	95.5	95.6	95.7	95.9
GE 200	83.0	85.1	88.0	89.7	91.6	92.4	93.5	94.4	94.8	95.7	95.9	95.9	96.1	96.3	96.6	96.9
GE 100	83.0	85.1	88.0	89.7	91.6	92.4	93.5	94.4	94.8	95.9	96.5	96.5	96.8	97.2	97.4	99.1
GE 000	83.0	85.1	88.0	89.7	91.6	92.4	93.5	94.4	94.8	95.9	96.5	96.5	96.8	97.2	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 09-11

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.5	51.4	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8
GE 20000	58.5	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9
GE 18000	59.0	60.0	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5
GE 16000	59.0	60.0	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5
GE 14000	59.4	60.3	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9
GE 12000	60.4	61.6	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2
GE 10000	63.4	64.6	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2
GE 9000	64.1	65.3	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8
GE 8000	65.7	67.0	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5
GE 7000	66.2	67.5	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1
GE 6000	66.7	68.0	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5
GE 5000	68.3	69.6	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1
GE 4500	69.7	71.0	71.2	71.3	71.4	71.4	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7
GE 4000	70.2	71.5	71.7	71.9	72.2	72.2	72.3	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6
GE 3500	70.5	71.8	72.0	72.3	72.5	72.5	72.6	72.7	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9
GE 3000	70.9	72.2	72.4	72.6	72.8	72.8	72.9	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2
GE 2500	72.0	73.4	73.8	74.0	74.3	74.3	74.5	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8
GE 2000	74.9	76.5	76.9	77.3	77.6	77.8	78.1	78.4	78.4	78.5	78.7	78.7	78.7	78.7	78.7	78.7
GE 1800	75.4	76.9	77.4	78.0	78.4	78.6	78.8	79.1	79.1	79.2	79.5	79.5	79.5	79.5	79.5	79.5
GE 1500	76.3	77.8	78.4	78.9	79.5	79.7	80.0	80.4	80.4	80.5	80.8	80.8	80.8	80.8	80.8	80.8
GE 1200	77.3	78.8	79.8	80.8	81.3	81.7	82.0	82.5	82.5	82.6	82.8	82.8	82.8	82.8	82.8	82.8
GE 1000	78.3	79.9	81.0	81.9	82.8	83.2	83.5	84.0	84.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3
GE 900	78.4	80.2	81.3	82.5	83.4	83.9	84.2	84.7	84.7	84.8	85.1	85.1	85.1	85.1	85.1	85.1
GE 800	78.8	80.9	82.5	83.8	84.8	85.3	85.6	86.1	86.1	86.2	86.5	86.5	86.5	86.5	86.5	86.5
GE 700	79.5	81.5	83.3	84.9	86.0	86.5	86.8	87.4	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7
GE 600	79.8	81.8	83.9	85.6	86.8	87.2	87.5	88.2	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5
GE 500	80.2	82.4	84.7	86.8	88.7	89.5	90.1	91.2	91.3	91.6	91.8	91.8	91.8	91.8	91.8	91.8
GE 400	80.4	82.7	85.3	87.4	90.0	90.9	92.2	93.4	93.7	94.1	94.4	94.4	94.4	94.4	94.4	94.4
GE 300	80.4	82.7	85.3	87.5	90.3	91.2	93.0	94.5	94.7	95.5	96.0	96.0	96.1	96.1	96.1	96.2
GE 200	80.4	82.7	85.3	87.5	90.3	91.2	93.0	94.6	94.8	95.7	96.6	96.6	97.0	97.1	97.5	97.6
GE 100	80.4	82.7	85.3	87.5	90.3	91.2	93.0	94.6	94.8	95.7	96.6	96.6	97.4	97.7	98.6	99.8
GE 000	80.4	82.7	85.3	87.5	90.3	91.2	93.0	94.6	94.8	95.7	96.6	96.6	97.4	97.7	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 12-14

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.3	51.4	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 20000	60.2	60.4	60.5	60.6	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 18000	60.2	60.4	60.5	60.6	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 16000	60.2	60.4	60.5	60.6	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 14000	61.1	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 12000	62.0	62.3	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 10000	66.2	66.6	66.8	66.9	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 9000	66.2	66.6	66.8	66.9	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 8000	68.2	68.5	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 7000	68.6	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 6000	69.4	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 5000	70.9	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 4500	72.4	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 4000	72.8	73.1	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 3500	73.8	74.1	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 3000	75.6	75.9	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 2500	77.3	77.6	77.8	78.0	78.0	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 2000	79.5	79.9	80.3	80.5	80.8	80.8	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3
GE 1800	79.9	80.4	80.9	81.1	81.4	81.4	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9
GE 1500	81.1	81.8	82.4	82.6	82.9	82.9	83.1	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5
GE 1200	83.1	84.2	84.9	85.2	85.5	85.5	85.7	86.0	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.2
GE 1000	83.9	85.3	86.1	86.8	87.3	87.3	87.8	88.2	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.5
GE 900	84.3	85.9	87.1	87.7	88.3	88.3	88.8	89.1	89.2	89.2	89.2	89.2	89.5	89.5	89.5	89.5
GE 800	84.8	86.8	88.1	88.9	89.7	89.7	90.4	91.1	91.2	91.3	91.3	91.3	91.5	91.5	91.5	91.5
GE 700	85.6	87.6	89.0	89.9	90.6	90.6	91.4	92.0	92.2	92.3	92.3	92.3	92.5	92.5	92.5	92.5
GE 600	85.6	87.6	89.4	90.2	91.2	91.2	91.9	92.6	92.7	92.8	92.8	92.8	93.0	93.0	93.0	93.0
GE 500	86.0	88.2	90.3	91.6	93.0	93.1	94.2	94.8	94.9	95.2	95.5	95.5	95.7	95.7	95.7	95.7
GE 400	86.2	88.4	91.0	92.4	94.2	94.4	95.9	96.7	96.8	97.1	97.4	97.4	97.6	97.6	97.6	97.6
GE 300	86.5	88.7	91.3	92.7	94.7	94.9	96.6	97.3	97.4	97.8	98.7	98.7	98.9	98.9	98.9	98.9
GE 200	86.5	88.7	91.3	92.7	94.8	95.1	96.8	97.6	97.7	98.3	99.1	99.1	99.6	99.8	99.9	99.9
GE 100	86.5	88.7	91.3	92.7	94.8	95.1	96.8	97.7	97.8	98.4	99.2	99.2	99.7	99.9	100.0	100.0
GE 000	86.5	88.7	91.3	92.7	94.8	95.1	96.8	97.7	97.8	98.4	99.2	99.2	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 15-17

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 20000	59.9	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
GE 18000	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 16000	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 14000	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 12000	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 10000	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 9000	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 8000	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 7000	70.1	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 6000	70.5	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 5000	71.7	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4500	72.8	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4000	74.2	74.4	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 3500	75.7	75.9	76.1	76.2	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 3000	77.7	78.0	78.2	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 2500	80.0	80.2	80.4	80.6	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2000	82.6	82.8	83.2	83.4	83.9	83.9	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
GE 1800	83.1	83.3	83.8	84.0	84.5	84.5	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
GE 1500	84.8	85.2	85.6	85.8	86.3	86.3	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8
GE 1200	86.6	87.3	87.7	88.0	88.5	88.5	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
GE 1000	87.5	88.4	88.9	89.4	90.1	90.1	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 900	87.6	88.5	89.0	89.6	90.3	90.3	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 800	88.4	89.2	90.2	91.0	91.9	91.9	92.7	92.9	92.9	93.0	93.1	93.1	93.2	93.2	93.2	93.2
GE 700	89.4	90.2	91.2	92.4	93.8	93.8	94.6	94.8	94.8	94.9	95.1	95.1	95.2	95.2	95.2	95.2
GE 600	89.6	90.5	91.7	93.0	94.4	94.4	95.3	95.5	95.5	95.6	95.7	95.7	95.8	95.8	95.8	95.8
GE 500	90.0	91.0	92.6	94.2	95.7	95.7	96.8	97.1	97.1	97.2	97.5	97.5	97.6	97.6	97.6	97.6
GE 400	90.0	91.0	92.7	94.5	96.2	96.2	97.5	97.8	98.1	98.2	98.5	98.5	98.7	98.7	98.7	98.7
GE 300	90.0	91.0	92.7	94.6	96.3	96.5	97.7	98.2	98.5	98.9	99.5	99.6	99.8	99.8	99.9	99.9
GE 200	90.0	91.0	92.7	94.6	96.3	96.5	97.7	98.2	98.5	98.9	99.5	99.6	99.8	99.8	99.9	100.0
GE 100	90.0	91.0	92.7	94.6	96.3	96.5	97.7	98.2	98.5	98.9	99.5	99.6	99.8	99.8	99.9	100.0
GE 000	90.0	91.0	92.7	94.6	96.3	96.5	97.7	98.2	98.5	98.9	99.5	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 18-20

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 20000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 18000	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 16000	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
GE 14000	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 12000	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 10000	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 9000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 8000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 7000	71.7	71.8	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 6000	73.1	73.2	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 5000	74.3	74.4	74.4	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 4500	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 4000	75.7	75.8	75.8	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
GE 3500	76.3	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 3000	77.8	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 2500	79.3	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 2000	82.1	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1800	82.6	83.1	83.1	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
GE 1500	84.7	85.3	85.3	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1200	86.1	86.7	86.7	87.4	87.7	87.7	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1000	86.6	87.3	87.3	88.1	88.6	88.7	88.8	88.8	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3
GE 900	87.6	88.2	88.2	89.1	89.5	89.6	89.8	89.8	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3
GE 800	88.7	89.4	89.4	90.4	91.3	91.4	91.5	91.6	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1
GE 700	89.5	90.4	90.5	91.5	92.4	92.6	92.7	92.8	93.1	93.1	93.3	93.3	93.3	93.3	93.4	93.4
GE 600	90.0	91.0	91.3	92.3	93.3	93.4	93.5	93.6	94.1	94.1	94.3	94.3	94.3	94.3	94.4	94.4
GE 500	90.2	91.7	92.4	93.7	95.1	95.3	95.5	95.6	96.1	96.1	96.3	96.3	96.3	96.3	96.4	96.4
GE 400	90.4	92.0	92.8	94.6	96.3	96.4	96.8	97.1	97.6	97.7	98.0	98.0	98.0	98.0	98.1	98.1
GE 300	90.4	92.0	92.9	94.7	96.8	96.9	97.3	97.7	98.5	98.8	99.0	99.0	99.0	99.0	99.1	99.1
GE 200	90.4	92.0	92.9	94.7	96.8	96.9	97.3	97.7	98.6	99.1	99.4	99.4	99.5	99.5	99.6	99.9
GE 100	90.4	92.0	92.9	94.7	96.8	96.9	97.3	97.7	98.6	99.1	99.4	99.4	99.6	99.6	99.7	100.0
GE 000	90.4	92.0	92.9	94.7	96.8	96.9	97.3	97.7	98.6	99.1	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 21-23

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.6	61.8	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
GE 20000	65.3	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 18000	65.3	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 16000	65.3	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 14000	66.0	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 10000	69.1	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 9000	69.3	69.7	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 8000	71.4	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 7000	72.2	72.6	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 6000	73.1	73.6	73.8	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 5000	74.4	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4500	75.3	75.7	75.9	76.1	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 4000	75.8	76.3	76.5	76.6	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 3500	76.3	76.7	76.9	77.0	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 3000	77.7	78.3	78.5	78.6	78.7	78.7	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 2500	78.9	79.5	79.7	79.8	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 2000	81.0	81.7	82.1	82.2	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1800	81.7	82.3	82.7	82.8	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 1500	83.5	84.3	84.7	85.1	85.3	85.3	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1200	84.5	85.2	85.7	86.2	86.6	86.6	86.6	86.6	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1000	86.7	87.9	88.5	89.2	89.8	89.8	89.8	89.8	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 900	87.3	88.5	89.0	89.8	90.3	90.3	90.3	90.3	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 800	88.1	89.4	90.0	90.7	91.3	91.3	91.3	91.4	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 700	88.5	89.8	90.3	91.0	91.7	91.7	91.7	91.9	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 600	88.5	89.8	90.3	91.3	92.0	92.1	92.1	92.3	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 500	88.6	90.1	90.9	92.2	93.6	93.9	93.9	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 400	88.7	90.3	91.4	92.9	94.8	95.3	95.6	96.0	96.4	96.5	96.5	96.5	96.7	96.7	96.7	96.7
GE 300	88.7	90.3	91.4	92.9	95.4	95.8	96.3	96.9	97.3	97.4	97.4	97.4	97.7	97.8	98.0	98.0
GE 200	88.7	90.3	91.4	92.9	95.4	95.8	96.3	96.9	97.3	97.5	97.5	97.5	98.0	98.1	98.2	98.2
GE 100	88.7	90.3	91.4	92.9	95.4	95.8	96.3	97.1	97.5	97.8	97.8	97.8	98.7	98.8	99.0	99.4
GE 000	88.7	90.3	91.4	92.9	95.4	95.8	96.3	97.1	97.5	97.8	97.8	97.8	98.8	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: ALL

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.2	56.5	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
GE 20000	61.9	62.3	62.4	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7
GE 18000	62.0	62.4	62.6	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9
GE 16000	62.1	62.5	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9
GE 14000	62.8	63.2	63.4	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7
GE 12000	64.0	64.4	64.6	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9
GE 10000	66.4	66.8	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3
GE 9000	66.5	67.0	67.2	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5
GE 8000	68.0	68.5	68.7	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 7000	68.9	69.4	69.6	69.7	69.8	69.8	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0
GE 6000	69.8	70.3	70.5	70.7	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0
GE 5000	71.0	71.6	71.8	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2
GE 4500	72.1	72.6	72.8	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4
GE 4000	72.8	73.4	73.6	73.8	74.0	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3
GE 3500	73.6	74.2	74.5	74.7	74.8	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1
GE 3000	74.8	75.4	75.6	75.9	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3
GE 2500	76.3	77.0	77.3	77.5	77.7	77.7	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 2000	78.7	79.5	79.9	80.2	80.4	80.5	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	81.0
GE 1800	79.3	80.1	80.6	80.9	81.2	81.2	81.4	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7
GE 1500	81.1	82.0	82.5	82.9	83.3	83.3	83.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9	84.0	84.0
GE 1200	82.4	83.5	84.2	84.7	85.1	85.2	85.5	85.6	85.8	85.8	85.9	85.9	86.0	86.0	86.0	86.0
GE 1000	83.8	85.1	85.8	86.4	87.0	87.1	87.4	87.6	87.7	87.8	87.9	87.9	88.0	88.0	88.0	88.0
GE 900	84.2	85.6	86.3	87.0	87.6	87.7	88.1	88.3	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.7
GE 800	84.9	86.4	87.4	88.2	88.9	89.0	89.4	89.7	89.9	90.0	90.1	90.1	90.2	90.2	90.2	90.2
GE 700	85.4	87.0	88.1	89.1	89.8	90.0	90.4	90.8	90.9	91.0	91.1	91.1	91.2	91.2	91.2	91.2
GE 600	85.6	87.3	88.4	89.5	90.4	90.5	91.0	91.4	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8
GE 500	86.0	87.9	89.4	90.8	92.2	92.5	93.2	93.6	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.2
GE 400	86.3	88.3	90.1	91.7	93.6	94.0	95.0	95.5	95.8	96.0	96.2	96.2	96.3	96.3	96.3	96.4
GE 300	86.4	88.3	90.2	91.9	94.0	94.4	95.6	96.3	96.7	97.1	97.4	97.4	97.6	97.6	97.7	97.8
GE 200	86.4	88.3	90.2	91.9	94.0	94.5	95.7	96.5	96.9	97.4	97.8	97.8	98.1	98.2	98.3	98.5
GE 100	86.4	88.3	90.2	91.9	94.0	94.5	95.7	96.5	96.9	97.5	98.0	98.0	98.4	98.6	98.8	99.4
GE CGO	86.4	88.3	90.2	91.9	94.0	94.5	95.7	96.5	96.9	97.5	98.0	98.0	98.5	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7434

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: ALL HOURS: ALL

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	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.0	63.6	63.9	64.1	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.5
GE 20000	69.8	70.5	70.8	71.0	71.2	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5
GE 18000	70.0	70.7	71.0	71.2	71.4	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.7
GE 16000	70.0	70.8	71.1	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7
GE 14000	70.7	71.4	71.8	72.0	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4
GE 12000	72.3	73.0	73.4	73.6	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0
GE 10000	74.7	75.4	75.8	76.0	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.6
GE 9000	75.0	75.7	76.1	76.3	76.6	76.6	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.9
GE 8000	76.8	77.6	78.0	78.2	78.5	78.5	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.8
GE 7000	77.4	78.2	78.6	78.9	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4
GE 6000	77.8	78.7	79.1	79.4	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9
GE 5000	78.8	79.7	80.2	80.4	80.7	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0
GE 4500	80.2	81.1	81.6	81.9	82.1	82.2	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.5
GE 4000	81.3	82.3	82.8	83.1	83.4	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7
GE 3500	82.2	83.2	83.8	84.1	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7
GE 3000	83.7	84.8	85.4	85.7	86.0	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.4	86.4
GE 2500	84.9	86.0	86.7	87.0	87.4	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.8	87.8
GE 2000	86.4	87.6	88.3	88.7	89.1	89.1	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.5	89.5	89.5
GE 1800	86.8	88.0	88.7	89.1	89.5	89.6	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	90.0	90.0
GE 1500	88.0	89.4	90.2	90.6	91.1	91.2	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.6	91.6
GE 1200	89.0	90.4	91.3	91.8	92.2	92.3	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.8	92.8	92.8
GE 1000	89.7	91.3	92.3	92.8	93.4	93.5	93.7	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.1	94.1
GE 900	90.0	91.6	92.6	93.2	93.8	93.9	94.1	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.6
GE 800	90.4	92.1	93.2	94.0	94.6	94.7	95.0	95.1	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.5
GE 700	90.6	92.5	93.7	94.5	95.3	95.4	95.7	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.2	96.2
GE 600	90.8	92.7	93.9	94.8	95.6	95.8	96.1	96.3	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.7
GE 500	91.0	92.9	94.3	95.3	96.3	96.5	96.9	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.6	97.7
GE 400	91.1	93.1	94.6	95.7	96.8	97.1	97.6	97.9	98.0	98.2	98.3	98.3	98.4	98.4	98.5	98.5
GE 300	91.1	93.2	94.6	95.8	97.0	97.3	97.9	98.3	98.4	98.6	98.8	98.9	98.9	99.0	99.0	99.1
GE 200	91.1	93.2	94.6	95.8	97.0	97.3	97.9	98.4	98.5	98.8	99.1	99.1	99.2	99.3	99.4	99.5
GE 100	91.1	93.2	94.6	95.8	97.0	97.3	97.9	98.4	98.5	98.8	99.1	99.2	99.3	99.4	99.6	99.8
GE 000	91.1	93.2	94.6	95.8	97.0	97.3	97.9	98.4	98.5	98.8	99.1	99.2	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 87639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	40.6	24.6	9.7	21.9	3.1	34.7	1.2	930
03-05	41.5	18.1	12.8	23.5	4.1	40.4	1.9	930
06-08	24.7	30.6	17.6	21.6	5.4	44.6	3.5	930
09-11	12.3	38.7	23.8	21.7	3.5	49.0	3.2	930
12-14	12.3	42.7	21.9	22.3	.9	45.1	1.0	930
15-17	13.1	42.5	22.0	21.7	.6	44.4	1.2	930
18-20	18.1	40.8	21.4	19.1	.6	41.2	.8	930
21-23	34.7	27.8	14.6	21.8	1.0	37.4	1.1	930
ALL HOURS	24.7	33.2	18.0	21.7	2.4	42.1	1.7	7440

MONTH: FEB HOURS: ALL

00-02	30.4	24.5	15.5	27.2	2.5	45.2	.6	846
03-05	32.3	21.3	13.7	30.1	2.6	46.5	1.9	846
06-08	20.0	29.7	17.0	29.8	3.5	50.4	3.4	846
09-11	13.5	30.6	18.1	34.9	3.0	55.9	3.2	846
12-14	10.9	32.6	23.8	32.4	.4	56.5	1.3	846
15-17	10.4	36.8	22.3	30.1	.4	52.8	.8	846
18-20	11.8	39.6	20.7	27.7	.2	48.6	.5	846
21-23	26.4	31.4	13.8	27.4	.9	42.2	.8	846
ALL HOURS	19.4	30.8	18.1	29.9	1.7	49.7	1.6	6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	29.9	26.5	17.2	26.3	.1	43.7	.8	930
03-05	29.1	26.9	14.9	28.1	1.0	44.0	1.2	930
06-08	15.7	31.9	22.3	27.6	2.5	52.4	2.5	930
09-11	14.8	31.0	23.4	29.8	1.0	54.2	1.7	930
12-14	10.5	35.7	26.7	26.8	.3	53.8	1.1	930
15-17	8.5	35.9	27.7	27.7	.1	55.6	1.5	930
18-20	11.9	36.6	25.8	25.6		51.5	2.5	929
21-23	24.9	30.0	18.0	27.1		45.1	1.7	930
ALL HOURS	18.2	31.8	22.0	27.4	.6	50.0	1.6	7439

MONTH: APR HOURS: ALL

00-02	31.1	32.1	16.2	20.1	.4	36.8	1.1	900
03-05	29.1	31.2	16.8	21.8	1.1	39.7	2.1	900
06-08	13.8	35.1	25.7	24.8	.7	51.1	2.6	900
09-11	14.1	36.9	25.4	23.6		49.0	.3	900
12-14	11.0	39.2	31.1	18.7		49.8	.6	900
15-17	8.9	45.6	29.0	16.4	.1	45.6	1.3	900
18-20	12.8	43.9	28.9	14.1	.3	43.3	1.0	900
21-23	26.8	38.9	16.7	17.7		34.3	.4	900
ALL HOURS	18.4	37.9	23.7	19.6	.3	43.7	1.2	7200

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS	GT 1/2	PARTIAL OBS	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	27.2	31.2	19.4	22.0	.2	41.6	.8	930
03-05	21.3	30.3	23.3	24.2	.9	48.4	1.8	930
06-08	8.5	33.8	32.0	25.4	.3	57.7	2.5	930
09-11	10.0	37.8	29.8	22.4		52.2	.1	930
12-14	7.0	40.4	34.6	18.0		52.6		930
15-17	7.4	44.9	32.8	14.8		47.6		930
18-20	10.3	43.0	29.9	16.7	.1	46.7	.5	930
21-23	24.3	36.8	18.1	20.9		38.9	.8	930
ALL HOURS	14.5	37.3	27.5	20.5	.2	48.2	.8	7440

MONTH: JUN HOURS: ALL

00-02	30.2	33.9	16.9	18.9	.1	35.9	.7	900
03-05	19.2	38.6	22.3	19.8	.1	42.2	1.2	900
06-08	5.6	43.6	35.2	15.6	.1	50.9	1.2	900
09-11	6.8	46.4	34.0	12.8		46.8	.1	900
12-14	4.1	46.2	38.6	11.1		49.7		900
15-17	4.2	51.7	35.7	8.3		44.0		899
18-20	7.8	51.7	31.7	8.9		40.6	.2	900
21-23	18.3	47.9	21.0	12.8		33.8	.4	900
ALL HOURS	12.0	45.0	29.4	13.5	.0	43.0	.5	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS	GT 1/2	PARTIAL OBS	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	41.7	36.2	13.9	8.1	.1	22.0	.2	930
03-05	32.5	39.4	17.6	10.4	.1	28.2	1.1	930
06-08	16.8	45.3	26.9	11.0	.1	38.0	2.5	930
09-11	16.8	49.7	24.4	8.9	.2	33.5	1.8	930
12-14	3.8	59.5	31.6	5.2		36.8	.8	930
15-17	3.8	64.3	28.8	3.1		31.9	.2	930
18-20	11.0	63.2	23.4	2.4		25.8		930
21-23	27.2	52.8	13.9	6.1		20.0	.1	930
ALL HOURS	19.2	51.3	22.6	6.9	.1	29.5	.8	7440

MONTH: AUG HOURS: ALL

00-02	33.7	42.5	15.2	8.7		23.9	.3	930
03-05	31.4	40.6	18.1	9.6	.3	28.0	.4	930
06-08	11.2	51.1	27.2	10.1	.4	37.7	3.4	930
09-11	13.3	54.1	24.0	8.6		32.6	1.5	930
12-14	4.4	58.0	30.5	7.1		37.6	.8	930
15-17	3.2	62.9	28.1	5.8		33.9	.5	930
18-20	8.7	60.2	25.7	5.4		31.1	.2	930
21-23	29.5	44.3	16.6	9.7		26.2	.3	930
ALL HOURS	16.9	51.7	23.2	8.1	.1	31.4	.9	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	39.9	29.8	16.4	13.8	.1	30.3	.4	900
03-05	35.0	31.6	16.1	17.2	.1	33.4	1.1	900
06-08	17.7	38.1	25.7	18.4	.1	44.2	.9	900
09-11	17.6	37.6	28.4	16.4		44.9	.7	900
12-14	15.8	41.1	28.1	15.0		43.1	.1	900
15-17	13.9	47.3	27.2	11.6		38.8		900
18-20	18.3	47.2	24.6	9.9		34.4		900
21-23	32.0	37.3	18.3	12.3		30.7	.4	900
ALL HOURS	23.8	38.8	23.1	14.3	.0	37.5	.5	7200

MONTH: OCT HOURS: ALL

00-02	43.1	20.3	16.6	19.6	.4	36.6	1.1	930
03-05	40.2	21.1	13.8	23.8	1.2	38.7	2.4	930
06-08	20.6	35.7	20.1	21.7	1.8	43.7	3.2	930
09-11	18.1	35.7	24.0	22.0	.2	46.2	2.0	930
12-14	18.9	37.3	26.3	17.4		43.8	.8	930
15-17	18.1	41.8	24.3	15.8		40.1	1.1	930
18-20	24.0	38.7	21.1	16.1	.1	37.3	.1	930
21-23	38.2	25.8	17.5	18.5		36.0	.3	930
ALL HOURS	27.6	32.1	20.5	19.4	.5	40.3	1.4	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	37.2	25.0	13.3	22.6	1.9	37.8	1.8	900
03-05	37.3	22.4	11.6	26.0	2.7	40.2	2.9	900
06-08	23.1	28.9	19.6	26.6	1.9	48.0	3.9	900
09-11	16.3	30.9	24.7	26.8	1.3	52.8	3.4	900
12-14	16.5	34.5	24.1	24.4	.6	49.1	1.2	899
15-17	16.2	34.7	27.2	21.2	.7	49.1	.8	900
18-20	22.8	34.0	24.4	18.4	.3	43.2	1.1	900
21-23	36.2	30.0	12.8	20.4	.6	33.8	.9	900
ALL HOURS	25.7	30.0	19.7	23.3	1.2	44.2	2.0	7199

MONTH: DEC HOURS: ALL

00-02	38.6	21.1	8.9	28.9	2.5	40.3	1.3	930
03-05	38.6	19.9	10.2	28.7	2.6	41.5	1.8	930
06-08	21.7	30.0	14.7	30.3	3.2	48.3	2.4	930
09-11	14.0	30.1	23.4	30.1	2.4	55.9	3.2	930
12-14	13.7	30.9	23.2	32.2	.1	55.5	2.3	930
15-17	14.2	31.5	22.9	31.3	.1	54.3	1.2	930
18-20	20.1	31.3	19.1	28.6	1.0	48.7	.5	927
21-23	32.3	25.1	11.5	29.0	2.0	42.6	1.1	927
ALL HOURS	24.1	27.5	16.8	29.9	1.7	48.4	1.7	7434

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	35.4	29.0	14.9	19.8	.9	35.7	.8	10956
03-05	32.3	28.5	15.9	21.9	1.4	39.2	1.7	10956
06-08	16.6	36.2	23.7	21.9	1.7	47.2	2.7	10956
09-11	14.0	38.4	25.3	21.4	1.0	47.7	1.8	10956
12-14	10.7	41.6	28.4	19.1	.2	47.7	.8	10955
15-17	10.2	45.1	27.4	17.3	.2	44.8	.7	10955
18-20	14.8	44.2	24.7	16.0	.2	41.0	.6	10952
21-23	29.3	35.7	16.1	18.6	.4	35.0	.7	10953
ALL HOURS	20.4	37.3	22.1	19.5	.7	42.3	1.2	87639

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

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PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL 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.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. 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.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- 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).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (BEFORE 5 APRIL 77)

$C = K - 273.2$ (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF 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).

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 3909-4206,4408-9110
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 110						.2	.3						.0
GE 105					.1	.7	3.1	3.7	.6				.7
GE 100			.1		.6	5.5	20.3	20.4	4.2	.1			4.2
GE 95			.2	.4	3.0	21.9	51.9	47.9	17.5	1.0			12.0
GE 90			1.2	3.3	13.2	50.1	76.9	74.0	37.6	6.3			21.8
GE 85		.1	3.4	11.4	32.3	74.0	91.9	89.7	59.4	17.7	.2	.1	31.7
GE 80	.1	1.8	9.1	27.7	56.5	90.1	97.9	96.9	74.2	36.6	3.8	.4	41.3
GE 75	1.2	5.7	18.8	46.9	76.6	96.5	99.7	99.5	87.3	54.0	13.1	1.6	50.2
GE 70	5.5	13.0	31.8	64.1	90.2	99.1	100.0	99.7	94.6	74.2	27.5	6.0	59.0
GE 65	12.4	24.2	48.5	80.0	96.2	99.8		100.0	97.8	85.6	43.2	14.6	67.0
GE 60	24.2	38.2	62.8	90.0	98.9	100.0			99.0	93.0	58.8	29.4	74.6
GE 55	36.8	50.4	75.7	95.9	99.6				99.8	97.3	72.3	45.0	81.2
GE 50	51.2	63.7	85.0	98.6	99.9				99.9	99.1	84.0	61.4	87.0
GE 45	64.5	74.4	91.9	99.8	100.0				100.0	99.7	92.1	74.1	91.4
GE 40	75.0	85.6	96.6	99.9						99.9	96.7	83.9	94.8
GE 35	83.2	92.2	98.9	100.0						100.0	99.2	91.5	97.1
GE 33	85.9	93.8	99.0								99.7	93.9	97.7
GE 30	90.5	96.2	99.6								100.0	95.9	98.5
GE 25	95.0	98.7	99.7									98.3	99.3
GE 20	97.9	99.9	99.9									99.3	99.7
GE 15	99.7	100.0	100.0									99.5	99.9
GE 10	100.0											99.8	100.0
GE 5												100.0	100.0
MEAN	48.8	54.2	63.1	72.9	80.3	88.9	94.1	93.6	85.6	75.2	61.6	52.0	72.6
SD	13.69	13.38	12.56	9.89	8.33	7.20	6.46	6.88	9.37	9.99	11.23	12.12	18.76
TOTAL OBS	1550	1412	1550	1500	1550	1500	1500	1533	1530	1581	1500	1550	18256

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 3909-4206,4408-9110
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 80						.6	2.9	1.3	.1				.4
GE 75					.5	10.0	28.1	21.9	3.5	.2			5.3
GE 70				.1	5.3	42.7	78.3	70.9	27.3	1.4			18.8
GE 65			.1	5.0	23.0	75.3	96.3	92.8	50.8	8.2	.1		29.2
GE 60	.1	.1	1.4	17.0	54.3	92.9	99.3	98.2	71.2	21.1	1.7	.2	38.1
GE 55	.4	.8	6.8	35.9	76.4	98.5	100.0	99.9	86.3	41.9	7.1	.6	46.3
GE 50	1.0	2.5	16.0	56.5	91.1	99.9		100.0	96.1	63.2	14.9	2.4	53.8
GE 45	3.5	8.1	32.5	76.3	97.4	100.0			99.0	82.4	29.0	.9	61.4
GE 40	10.3	21.3	52.8	90.4	99.6				99.9	94.0	49.3	15.2	69.6
GE 35	25.2	41.9	72.4	97.1	100.0				100.0	98.9	71.7	34.6	78.6
GE 33	33.1	51.5	79.4	98.7						99.3	79.5	45.3	82.3
GE 30	47.7	64.7	88.6	99.4						99.7	89.2	61.7	87.7
GE 25	66.9	83.2	95.6	99.9						100.0	96.1	81.6	93.6
GE 20	81.8	92.5	98.8	100.0							98.9	92.2	97.0
GE 15	90.3	97.6	99.3								99.9	96.0	98.6
GE 10	95.6	99.4	99.8								100.0	98.5	99.4
GE 5	98.7	99.9	99.9									99.7	99.8
GE 0	99.6	100.0	100.0									99.9	100.0
GE -5	99.9											100.0	100.0
GE -10	100.0												100.0
MEAN	28.0	32.6	40.2	50.8	59.4	68.0	72.3	71.2	63.7	52.5	39.8	31.4	50.9
SD	9.84	8.86	9.31	8.43	6.93	5.44	4.03	4.36	7.54	8.34	8.97	8.72	17.30
TOTAL OBS	1550	1412	1550	1500	1550	1500	1500	1533	1530	1581	1500	1550	18256

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 3909-4206,4408-9110
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 95							.3	.1					.0
GE 90						1.8	8.1	7.2	.7				1.5
GE 85				.1	1.3	16.3	43.9	38.2	8.0	.1			9.0
GE 80				.5	7.8	47.1	78.9	73.9	31.4	1.6			20.0
GE 75			.5	5.3	27.2	75.9	95.8	93.8	55.6	9.9			30.3
GE 70			3.7	20.2	54.8	93.2	99.6	98.6	75.9	27.1	.8		39.5
GE 65	.1	1.6	9.8	40.5	78.7	98.5	100.0	99.9	90.0	49.0	7.5	.3	48.1
GE 60	1.4	5.2	22.4	62.8	92.7	99.9		100.0	96.9	72.0	19.1	2.5	56.4
GE 55	5.6	14.6	40.3	80.5	97.9	100.0			99.0	87.5	35.1	7.2	64.2
GE 50	15.7	30.2	60.7	93.0	99.7				99.9	95.5	55.5	20.7	72.7
GE 45	31.5	48.2	77.7	97.8	100.0				100.0	99.0	74.1	41.5	80.9
GE 40	51.9	66.0	88.4	99.6						99.7	88.7	63.4	88.2
GE 35	67.8	80.6	95.8	99.9						99.9	96.3	80.3	93.4
GE 33	72.6	85.8	97.3	100.0						99.9	97.5	84.6	94.8
GE 30	79.5	91.0	98.5							100.0	98.9	90.1	96.5
GE 25	87.9	95.7	99.3								100.0	95.5	98.2
GE 20	93.8	98.9	99.7									97.7	99.2
GE 15	97.3	99.9	99.9									99.2	99.7
GE 10	99.7	100.0	100.0									99.6	99.9
GE 5	99.9											99.9	100.0
GE 0	100.0											100.0	100.0
MEAN	38.6	43.5	51.8	62.0	70.0	78.6	83.4	82.6	74.8	64.1	50.9	41.9	61.9
SD	11.01	10.26	10.02	8.29	6.94	5.88	4.82	5.07	7.67	8.14	9.21	9.55	17.62
TOTAL OBS	1550	1412	1550	1500	1550	1500	1500	1533	1530	1581	1500	1550	18256

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 3909-4206,4408-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
39									107	97	80	79	107*
40	64	84	96	92	95	99	102	104	100	94	75	70	104
41	72	73	78	84	91	95	103	102	99	89	81	70	103
42	74	79	85	89	94	102							102*
44								107	100	88	83	64	107*
45	70	72	84	80	93	99	101	104	102	83	87	69	104
46	77	80	92	92	94	97	110	107	95	85	76	75	110
47	71	73	83	87	96	102	104*	105*	107	94	76	70	107*
48	68	72	80	94	94	102	101	105	104	90	77	80	105
49	70	67	78	89	93	100	103	101	96	93	82	70	103
50	83	77	81	95	90	97	93	98	93	93	83	78	98
51	74	82	88	91	98	96	102	108	108	100	81	80	108
52	78	79	86	89	99	101	102	108	101	94	83	70	108
53	76	71	86	90	105	112	103	109	105	95	73	64	112
54	73	83	89	97	89	99	109	106	103	95	81	81	109
55	69	79	91	95	95	98	100	102	96	86	82	87	102
56	70	85	92	93	99	108	106	109	104	96	80	78	109
57	76	82	81	84	87	99	106	103	97	90	78	72	106
58	64	71	68	90	102	105	100	103	99	92	79	70	105
59	73	78	90	95	95	100	95	102	99	86	76	70	102
60	70	77	88	93	91	104	102	102	99	90	78	66	104
61	66	76	85	91	91	95	102	101	101	86	76	68	102
62	72	84	83	87	92	93	99	108	97	90	74	72	108
63	68	79	91	93	101	97	104	105	100	93	83	67	105
64	76	63	83	92	91	97	106	109	98	89	79	69	109
65	75	77	74	88	86	93	103	101	103	94	83	74	103
66	68	67	92	90	97	97	106	107	91	93	82	82	107
67	80	74	93	91	98	101	104	103	92	89	80	71	104
68	70	66	79	83	91	96	97	102	95	91	80	68	102
69	73	76	80	86	94	98	103	106	95	90	79	76	106
70	74	78	79	85	90	102	108	108	104	91	83	78	108

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 3909-4206,4408-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
71	75	79	101	90	99	103	110	97	95	86	80	70	110
72	73	85	86	99	90	106	102	101	97	96	76	74	106
73	67	73	75	80	95	97	103	104	95	90	84	77	104
74	72	76	96	84	100	103	111	101	95	84	76	70	111
75	72	73	85	86	86	96	96	99	96	91	81	75	99
76	69	80	89	83	89	99	100	104	95	91	74	72	104
77	59	76	83	83	92	97	105	102	104	88	77	75	105
78	67	72	85	88	93	102	104	99	97	92	81	72	104
79	52	69	84	82	92	99	100	97	94	98	76	70	100
80	68	82	76	86	94	111	109	104	101	92	86	77	111
81	75	81	85	86	92	101	111	99	98	89	81	72	111
82	78	82	88	94	95	95	100	107	101	92	81	72	107
83	69	71	81	88	91	93	102	102	100	90	77	65	102
84	69	75	81	89	95	99	101	102	98	88	77	72	102
85	60	69	82	82	104	97	99	104	102	83	80	65	104
86	79	79	81	88	91	98	106	103	90	82	72	58	106
87	63	71	75	90	95	98	97	100	91	86	80	69	100
88	71	74	89	90	89	104	101	106	94	90	84	69	106
89	77	72	92	92	96	94	101	99	102	92	83	72	102
90	74	78	80	81	98	103	100	101	98	90	81	69	103
91	60	80	93	89	92	95	102	97	89	93			102*
GREATEST	83	85	101	99	105	112	111	109	108	100	87	87	112
TOTAL OBS	1550	1412	1550	1500	1550	1500	1500	1533	1530	1581	1500	1550	18256

THE GREATEST VALUE OF 112 OCCURRED ON 06/14/53

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 3909-4206,4408-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
39									43	33	24	15	15*
40	-2	20	22	27	46	53	58	54	41	34	16	21	-2
41	22	24	24	37	51	58	63	65	47	35	28	21	21
42	1	10	25	37	38	52							1*
44								56	52	38	21	20	20*
45	21	13	26	28	39	55	63	61	43	38	22	10	10
46	13	14	31	40	40	46	66	56	46	36	28	10	10
47	-6	16	17	34	42	50	64*	70*	50	44	28	19	-6*
48	8	13	1	36	45	59	66	59	47	32	21	19	1
49	6	14	27	33	49	63	66	59	44	33	27	23	6
50	9	20	17	34	49	53	64	60	52	45	14	5	5
51	6	2	23	31	48	53	62	63	49	35	19	9	2
52	17	26	23	29	42	60	57	70	52	32	23	22	17
53	8	18	29	34	44	63	60	59	53	35	28	15	8
54	9	24	22	30	35	50	70	66	52	32	30	14	9
55	22	13	16	38	56	52	68	61	57	36	17	18	13
56	14	17	21	32	50	56	63	54	51	37	18	17	14
57	14	26	25	24	42	57	69	64	49	26	24	15	14
58	19	10	27	36	49	56	62	60	48	40	23	7	7
59	0	15	24	34	52	60	65	61	49	34	13	26	0
60	15	11	10	37	38	60	62	61	55	35	26	19	10
61	11	22	31	33	42	56	58	55	48	40	30	10	10
62	-1	11	13	32	46	59	69	55	47	37	30	15	-1
63	2	17	26	46	45	63	68	63	45	45	30	12	2
64	8	21	22	34	49	51	65	58	43	37	20	8	8
65	18	11	12	38	46	63	61	62	50	41	28	29	11
66	0	16	25	35	41	58	69	57	49	36	27	15	0
67	14	20	13	41	44	61	65	60	43	37	29	21	13
68	6	17	22	34	48	58	65	61	51	37	28	6	6
69	14	25	21	40	46	52	66	68	56	37	22	12	12
70	11	23	29	27	42	53	59	64	50	36	22	21	11

E - 3 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 3909-4206,4408-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
71	13	13	21	34	49	67	61	59	44	43	31	27	13
72	6	15	26	36	49	57	60	67	44	38	29	11	6
73	9	22	35	32	45	58	67	64	54	38	32	17	9
74	12	23	25	39	52	60	68	69	49	46	25	20	12
75	19	18	28	26	50	56	64	66	45	38	18	10	10
76	7	19	24	36	44	57	62	66	47	29	15	10	7
77	-2	24	30	39	50	60	69	69	58	36	30	13	-2
78	8	6	14	39	44	59	66	61	55	38	30	13	6
79	5	7	29	36	40	54	66	58	52	40	20	14	5
80	17	7	12	38	46	60	68	70	54	35	28	14	7
81	23	9	33	41	44	58	68	63	47	39	34	20	9
82	9	13	25	36	42	54	70	72	52	39	21	21	9
83	22	20	27	32	48	50	62	71	42	43	26	2	2
84	5	19	23	34	38	62	64	64	37	40	28	24	5
85	10	8	33	43	50	56	65	65	42	41	24	11	8
86	15	11	29	41	51	60	66	57	53	36	19	27	11
87	13	28	24	30	54	59	59	57	52	36	25	15	13
88	-6	12	26	34	50	57	64	59	50	46	22	21	-6
89	26	9	19	35	51	55	65	57	42	35	25	-5	-5
90	23	27	28	34	45	61	59	62	50	32	28	5	5
91	19	26	30	40	45	61	66	64	45	27			19*
LEAST	-6	2	1	24	35	46	57	54	37	26	13	-5	-6
TOTAL OBS	1550	1412	1550	1500	1550	1500	1500	1533	1530	1581	1500	1550	18256

THE LEAST VALUE OF -6 OCCURRED ON 01/04/47

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 3909-4206,4408-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
39									80	67	49	45	60*
40	28	43	54	60	69	75	80	79	73	57	47	43	60
41	43	42	48	61	71	75	81	82	75	64	50	45	62
42	39	43	51	63	68	78							57*
44								83	74	64	52	38	62*
45	40	41	54	58	68	77	79	80	74	62	54	39	61
46	39	47	57	66	67	77	84	83	72	65	52	45	63
47	38	39	47	59	67	79	83*	85*	77	70	47	42	59*
48	33	39	45	67	70	80	83	82	76	62	50	45	61
49	31	41	51	60	71	79	84	80	71	62	54	43	61
50	40	47	51	60	69	77	78	78	73	69	49	41	61
51	40	45	51	60	69	77	83	85	75	65	46	43	62
52	47	49	51	59	69	83	83	88	76	61	50	41	63
53	46	46	57	59	72	87	82	81	78	66	51	42	64
54	41	54	50	67	64	80	89	88	81	67	54	44	65
55	41	42	52	66	73	76	84	83	77	63	48	41	62
56	40	43	53	61	75	82	85	86	79	67	47	44	64
57	37	49	49	59	68	77	86	84	73	60	48	46	61
58	42	39	44	58	72	80	83	84	76	64	53	39	61
59	36	43	54	62	73	79	80	83	76	60	45	47	62
60	39	38	44	64	69	81	81	82	78	66	54	39	61
61	37	44	54	61	69	74	81	80	72	65	48	39	60
62	34	47	50	59	74	76	82	83	73	65	51	43	61
63	31	43	57	67	72	79	86	85	77	71	54	35	63
64	41	41	50	65	71	78	86	83	73	61	51	40	62
65	42	42	42	65	71	77	84	81	75	63	56	49	62
66	35	40	55	59	69	78	86	80	72	62	56	39	61
67	43	43	59	67	68	81	82	81	73	63	51	41	63
68	40	39	52	61	68	78	80	82	72	65	49	41	61
69	42	45	45	63	70	78	86	82	75	59	50	44	62
70	35	46	48	62	71	79	85	86	77	62	50	48	62

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: +06

PERIOD OF RECORD: 3909-4206,4408-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
71	43	47	55	66	74	86	87	78	74	66	53	44	64
72	37	44	57	66	70	80	82	83	77	63	46	38	62
73	37	43	55	57	69	78	82	83	74	67	55	42	62
74	38	47	57	64	76	81	89	83	68	65	52	42	64
75	43	41	51	60	69	77	79	82	71	65	53	44	61
76	42	54	54	63	66	77	81	83	73	57	45	40	61
77	31	48	55	63	73	82	85	83	80	65	52	43	63
78	30	32	51	66	70	79	88	81	78	64	53	39	61
79	28	35	53	60	67	77	82	80	74	67	48	45	60
80	41	42	49	60	68	82	88	87	79	64	52	46	63
81	45	47	54	68	68	80	88	81	77	64	55	44	64
82	39	41	54	59	69	76	84	87	77	65	51	43	62
83	41	43	50	56	68	74	83	85	77	65	53	29	60
84	36	45	48	57	69	79	82	82	72	63	52	45	61
85	35	41	55	64	72	78	83	85	76	65	49	37	62
86	43	46	55	65	70	79	85	80	75	61	47	42	63
87	37	47	50	61	72	77	80	82	72	61	50	40	61
88	35	42	51	59	70	79	84	85	73	61	52	43	61
89	47	38	55	65	71	75	81	80	71	66	54	35	62
90	47	48	54	60	70	83	81	82	77	62	54	37	63
91	37	50	55	64	73	78	83	80	71	63			65*
MEAN	38.6	43.5	51.8	62.0	70.0	78.6	83.4	82.6	74.8	64.1	50.9	41.9	61.9
TOTAL OBS	1550	1412	1550	1500	1550	1500	1500	1533	1530	1581	1500	1550	18256

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

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	34.7	9.304	930	1	356	0	0	0	930
03-05	33.2	9.460	930	3	426	0	0	0	930
06-08	32.4	9.554	930	3	466	0	0	0	930
09-11	37.5	10.574	930	1	266	1	0	0	930
12-14	45.2	12.382	930	0	135	40	0	0	930
15-17	47.9	13.160	930	0	127	80	0	0	930
18-20	42.1	11.456	930	0	176	16	0	0	930
21-23	37.7	10.189	930	0	258	0	0	0	930
ALL HOURS	38.8	12.056	7440	8	2210	137	0	0	7440

MONTH: FEB

00-02	39.6	10.180	846	0	185	0	0	0	846
03-05	37.6	9.860	846	0	222	0	0	0	846
06-08	36.7	9.818	846	0	255	0	0	0	846
09-11	42.5	11.306	846	0	147	18	0	0	846
12-14	49.5	13.333	846	0	97	111	1	0	846
15-17	52.0	14.164	846	0	88	189	9	0	846
18-20	47.3	12.478	846	0	112	63	0	0	846
21-23	42.5	10.744	846	0	150	12	0	0	846
ALL HOURS	43.4	12.750	6768	0	1256	393	10	0	6768

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	47.9	9.975	930	0	52	41	0	0	930
03-05	45.4	9.689	930	0	81	28	0	0	930
06-08	44.7	9.655	930	0	99	21	0	0	930
09-11	51.8	10.468	930	0	24	126	0	0	930
12-14	58.7	11.670	930	0	9	297	21	0	930
15-17	61.1	12.141	930	0	8	382	56	1	930
18-20	57.0	11.164	930	0	11	246	13	0	930
21-23	51.4	10.064	930	0	27	100	2	0	930
ALL HOURS	52.3	12.061	7440	0	311	1241	92	1	7440

MONTH: APR

00-02	55.7	8.625	900	0	0	159	0	0	900
03-05	53.2	8.548	900	0	1	96	0	0	900
06-08	53.5	8.382	900	0	3	104	0	0	900
09-11	61.7	9.309	899	0	0	359	20	0	899
12-14	68.0	10.274	900	0	0	566	135	0	900
15-17	70.1	10.504	900	0	0	630	193	3	900
18-20	65.7	9.771	900	0	0	506	66	0	900
21-23	59.5	8.878	900	0	0	272	3	0	900
ALL HOURS	60.9	11.177	7199	0	4	2692	417	3	7199

E - 5 - 1 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	64.8	6.760	930	0	0	507	4	0	930
03-05	62.5	6.783	930	0	0	377	0	0	930
06-08	63.7	6.553	930	0	0	439	2	0	930
09-11	71.4	7.198	930	0	0	777	122	1	930
12-14	77.0	7.956	930	0	0	868	372	10	930
15-17	78.8	8.178	930	0	0	894	450	21	930
18-20	74.6	7.746	930	0	0	842	258	6	930
21-23	68.4	6.963	930	0	0	674	48	0	930
ALL HOURS	70.2	9.351	7440	0	0	5378	1256	38	7440

MONTH: JUN

00-02	71.9	5.510	900	0	0	804	69	0	900
03-05	69.3	5.114	900	0	0	747	4	0	900
06-08	70.9	5.278	900	0	0	798	45	0	900
09-11	79.3	6.529	900	0	0	889	466	11	900
12-14	84.6	7.121	900	0	0	898	690	114	900
15-17	85.8	7.285	899	0	0	898	736	153	899
18-20	82.1	6.934	900	0	0	899	602	45	900
21-23	75.7	5.796	900	0	0	878	263	0	900
ALL HOURS	77.4	8.690	7199	0	0	6811	2875	323	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	77.0	4.374	930	0	0	926	294	0	930
03-05	74.0	3.953	930	0	0	914	47	0	930
06-08	74.7	4.230	930	0	0	917	122	0	930
09-11	83.8	5.741	930	0	0	928	741	49	930
12-14	89.9	6.125	930	0	0	930	872	342	930
15-17	91.5	6.195	930	0	0	930	894	446	930
18-20	87.8	5.936	930	0	0	930	842	198	930
21-23	81.1	4.892	930	0	0	930	602	3	930
ALL HOURS	82.5	8.241	7440	0	0	7405	4414	1038	7440

MONTH: AUG

00-02	77.0	4.999	930	0	0	913	304	0	930
03-05	73.9	4.338	930	0	0	898	61	0	930
06-08	74.2	4.639	930	0	0	896	114	0	930
09-11	83.5	6.631	930	0	0	929	696	66	930
12-14	90.3	7.218	930	0	0	930	843	427	930
15-17	91.6	7.343	930	0	0	930	865	510	930
18-20	87.3	7.099	930	0	0	930	791	232	930
21-23	80.9	5.780	930	0	0	924	613	8	930
ALL HOURS	82.4	8.972	7440	0	0	7350	4287	1243	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	68.9	8.361	900	0	0	664	68	0	900
03-05	66.4	8.185	900	0	0	575	9	0	900
06-08	65.9	8.227	900	0	0	549	10	0	900
09-11	74.3	9.368	900	0	0	766	279	6	900
12-14	80.7	10.370	900	0	0	837	546	103	900
15-17	82.5	10.350	900	0	0	854	591	154	900
18-20	77.4	9.770	900	0	0	820	413	36	900
21-23	71.7	8.776	900	0	0	715	160	0	900
ALL HOURS	73.5	10.919	7200	0	0	5780	2076	299	7200

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	58.0	8.216	930	0	0	221	0	0	930
03-05	55.7	8.021	930	0	0	145	0	0	930
06-08	55.2	8.005	930	0	0	126	0	0	930
09-11	63.3	8.561	930	0	0	418	22	0	930
12-14	70.3	9.735	930	0	1	685	155	0	930
15-17	71.8	10.056	930	0	3	722	221	2	930
18-20	65.7	9.041	930	0	4	528	57	0	930
21-23	61.0	8.528	930	0	3	334	3	0	930
ALL HOURS	62.6	10.619	7440	0	11	3179	458	2	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	46.5	10.388	900	0	78	52	0	0	900
03-05	44.7	10.428	900	0	106	31	0	0	900
06-08	43.8	10.569	900	0	131	24	0	0	900
09-11	50.3	10.536	899	0	31	92	0	0	899
12-14	57.2	11.387	899	0	9	269	2	0	899
15-17	58.5	11.713	899	0	12	299	14	0	899
18-20	52.4	10.489	900	0	23	126	0	0	900
21-23	48.2	10.154	900	0	45	57	0	0	900
ALL HOURS	50.2	11.851	7197	0	435	950	16	0	7197

MONTH: DEC

00-02	35.9	10.948	930	3	278	0	0	0	930
03-05	34.3	11.021	930	3	349	0	0	0	930
06-08	33.1	11.110	930	4	400	0	0	0	930
09-11	38.1	11.939	930	0	242	4	0	0	930
12-14	44.8	13.502	930	0	152	37	0	0	930
15-17	46.4	13.709	930	0	139	59	0	0	930
18-20	41.3	11.799	927	0	187	9	0	0	927
21-23	37.8	11.100	927	3	231	3	0	0	927
ALL HOURS	39.0	12.777	7434	13	1978	112	0	0	7434

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	56.6	17.126	10956	4	949	4287	739	0	10956
03-05	54.3	16.677	10956	6	1185	3811	121	0	10956
06-08	54.2	17.293	10956	7	1354	3874	293	0	10956
09-11	61.5	18.942	10954	1	710	5307	2346	133	10954
12-14	68.1	19.137	10955	0	403	6468	3637	996	10955
15-17	69.9	19.095	10954	0	377	6867	4029	1290	10954
18-20	65.2	18.949	10953	0	513	5915	3042	517	10953
21-23	59.8	17.715	10953	3	714	4899	1694	11	10953
ALL HOURS	61.2	19.018	87637	21	6205	41428	15901	2947	87637

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	31.1	8.526	930	519	16	0	0	0	930
03-05	30.1	8.750	930	562	15	0	0	0	930
06-08	29.5	8.915	930	600	16	0	0	0	930
09-11	33.0	9.209	930	416	28	0	0	0	930
12-14	37.4	9.562	930	258	76	0	0	0	930
15-17	38.8	9.636	930	216	110	0	0	0	930
18-20	35.6	9.277	930	304	43	0	0	0	930
21-23	33.1	8.980	930	411	22	0	0	0	930
ALL HOURS	33.6	9.674	7440	3286	326	0	0	0	7440

MONTH: FEB

00-02	35.9	9.772	846	282	64	0	0	0	846
03-05	34.5	9.722	846	346	55	0	0	0	846
06-08	33.8	9.730	846	365	40	0	0	0	846
09-11	37.6	10.146	846	231	87	0	0	0	846
12-14	41.6	10.507	846	164	193	0	0	0	846
15-17	42.7	10.563	846	148	236	0	0	0	846
18-20	40.4	10.247	846	177	149	0	0	0	846
21-23	37.7	9.794	846	221	91	0	0	0	846
ALL HOURS	38.0	10.553	6768	1934	915	0	0	0	6768

E - 5 - 2 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	43.5	9.852	930	121	238	5	0	0	930
03-05	41.8	9.864	930	156	192	2	0	0	930
06-08	41.3	10.006	930	176	182	0	0	0	930
09-11	45.6	9.901	930	78	285	18	0	0	930
12-14	49.1	9.596	930	32	433	34	0	0	930
15-17	50.2	9.404	930	27	495	34	0	0	930
18-20	48.3	9.393	930	44	403	19	0	0	930
21-23	45.6	9.490	930	84	303	8	0	0	930
ALL HOURS	45.7	10.167	7440	718	2531	120	0	0	7440

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	50.3	8.825	900	9	480	29	0	0	900
03-05	48.8	9.088	900	23	411	21	0	0	900
06-08	49.0	9.102	900	26	407	23	0	0	900
09-11	53.4	8.988	899	4	572	77	0	0	899
12-14	56.2	8.961	900	0	670	139	11	0	900
15-17	56.8	8.621	900	0	703	135	10	0	900
18-20	55.2	8.756	900	0	648	113	5	0	900
21-23	52.6	8.904	900	3	557	71	0	0	900
ALL HOURS	52.8	9.388	7199	65	4448	608	26	0	7199

E - 5 - 2 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	60.3	6.923	929	0	851	190	15	0	929
03-05	59.0	7.250	930	0	812	157	6	0	930
06-08	59.8	7.010	929	0	841	183	8	0	929
09-11	63.3	6.563	930	0	905	312	71	0	930
12-14	65.3	6.473	930	0	917	444	127	3	930
15-17	65.5	6.333	927	0	917	444	128	3	927
18-20	64.2	6.525	929	0	912	357	101	4	929
21-23	62.2	6.823	925	0	884	263	47	1	925
ALL HOURS	62.5	7.124	7429	0	7039	2350	503	11	7429

MONTH: JUN

00-02	66.5	5.112	900	0	896	508	75	0	900
03-05	65.3	5.071	900	0	893	433	26	0	900
06-08	66.3	5.022	900	0	897	487	68	0	900
09-11	69.6	4.866	900	0	900	681	287	1	900
12-14	70.9	4.704	900	0	900	739	361	9	900
15-17	71.0	4.498	899	0	899	754	366	6	899
18-20	69.9	4.614	900	0	900	704	277	3	900
21-23	68.3	4.770	900	0	900	603	169	0	900
ALL HOURS	68.5	5.283	7199	0	7185	4909	1629	19	7199

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL

BOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	69.3	3.314	930	0	930	776	135	0	930
03-05	68.3	3.481	930	0	930	698	65	0	930
06-08	68.9	3.535	930	0	930	733	126	0	930
09-11	72.1	3.295	930	0	930	872	472	0	930
12-14	73.1	3.144	930	0	930	896	585	1	930
15-17	72.9	3.010	930	0	930	891	565	2	930
18-20	72.0	3.124	930	0	930	868	431	1	930
21-23	70.5	3.226	930	0	930	835	254	0	930
ALL BOURS	70.9	3.650	7440	0	7440	6569	2633	4	7440

MONTH: AUG

BOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	69.3	3.644	930	0	930	779	116	0	930
03-05	68.3	3.702	930	0	930	725	57	0	930
06-08	68.8	3.784	930	0	930	735	101	0	930
09-11	72.3	3.620	930	0	930	854	543	2	930
12-14	73.6	3.607	930	0	930	877	662	17	930
15-17	73.2	3.522	930	0	930	873	610	11	930
18-20	71.9	3.576	930	0	930	855	452	4	930
21-23	70.4	3.671	930	0	930	815	254	3	930
ALL BOURS	71.0	4.144	7440	0	7440	6513	2795	37	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	62.8	7.747	900	0	833	380	16	0	900
03-05	61.6	8.156	900	0	811	342	10	0	900
06-08	61.5	8.366	900	0	810	329	24	0	900
09-11	65.3	8.076	900	0	847	468	183	1	900
12-14	67.1	7.734	900	0	856	567	248	0	900
15-17	67.2	7.305	900	0	861	571	248	0	900
18-20	65.6	7.365	900	0	856	496	135	0	900
21-23	63.8	7.609	900	0	848	396	51	0	900
ALL HOURS	64.4	8.096	7200	0	6722	3549	915	1	7200

MONTH: OCT

00-02	53.1	8.520	930	7	595	47	1	0	930
03-05	51.7	8.571	930	10	551	26	0	0	930
06-08	51.4	8.619	930	11	530	25	0	0	930
09-11	56.0	8.268	929	4	717	97	7	0	929
12-14	58.8	8.064	930	3	805	172	19	0	930
15-17	59.0	7.813	930	6	824	174	16	0	930
18-20	56.8	8.086	930	6	756	98	12	0	930
21-23	54.7	8.460	930	6	659	65	6	0	930
ALL HOURS	55.2	8.788	7439	53	5437	704	61	0	7439

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV

HOURLS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
				LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
00-02	42.4	10.321	900	160	221	7	0	0	900
03-05	41.3	10.564	900	202	204	5	0	0	900
06-08	40.6	10.663	900	223	187	3	0	0	900
09-11	44.7	10.005	899	86	268	14	0	0	899
12-14	48.1	9.626	899	44	395	18	0	0	899
15-17	48.2	9.392	899	42	407	14	0	0	899
18-20	45.3	9.402	900	70	291	4	0	0	900
21-23	43.1	9.785	900	126	219	3	0	0	900
ALL HOURS	44.2	10.337	7197	953	2192	68	0	0	7197

MONTH: DEC

00-02	33.1	10.697	930	398	48	0	0	0	930
03-05	31.9	10.920	930	470	47	0	0	0	930
06-08	30.9	10.941	930	517	42	0	0	0	930
09-11	34.4	11.092	930	341	59	0	0	0	930
12-14	38.3	11.270	930	237	107	0	0	0	930
15-17	39.2	11.179	930	211	128	0	0	0	930
18-20	36.5	10.643	927	272	68	0	0	0	927
21-23	34.3	10.526	927	360	45	0	0	0	927
ALL HOURS	34.8	11.246	7434	2806	544	0	0	0	7434

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	51.5	15.859	10955	1496	6102	2721	358	0	10955
03-05	50.3	15.981	10956	1769	5851	2409	164	0	10956
06-08	50.2	16.493	10955	1918	5812	2518	327	0	10955
09-11	54.0	16.329	10953	1160	6528	3393	1563	4	10953
12-14	56.7	15.340	10955	738	7212	3886	2013	30	10955
15-17	57.1	14.860	10951	650	7440	3890	1943	22	10951
18-20	55.2	15.372	10952	873	6886	3514	1413	12	10952
21-23	53.1	15.705	10948	1211	6388	3059	781	4	10948
ALL HOURS	53.5	15.954	87625	9815	52219	25390	8562	72	87625

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	24.3	10.859	930	549	106	927	0	930
03-05	23.9	10.926	930	583	103	925	0	930
06-08	23.4	11.203	930	600	93	927	0	930
09-11	25.1	11.617	930	535	122	926	0	930
12-14	25.9	11.829	930	508	142	924	0	930
15-17	25.6	11.962	930	522	153	926	0	930
18-20	25.4	11.780	930	519	149	924	0	930
21-23	25.2	11.331	930	520	134	924	0	930
ALL HOURS	24.8	11.489	7440	4336	1002	7403	0	7440

MONTH: FEB

00-02	29.8	12.380	846	340	254	836	0	846
03-05	29.1	12.360	846	364	232	836	0	846
06-08	28.6	12.431	846	382	212	831	0	846
09-11	30.4	12.898	846	326	263	826	1	846
12-14	31.2	13.050	846	310	272	820	2	846
15-17	30.8	12.943	846	317	256	819	1	846
18-20	30.9	12.811	846	313	255	824	0	846
21-23	30.5	12.372	846	327	255	831	0	846
ALL HOURS	30.2	12.700	6768	2679	1999	6623	4	6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR

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HOURS	MEAN	STANDARD	TOTAL	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				DEG F	TOTAL
LST		DEVIATION	OBS	LE 27	GE 37	LE 55	GE 65		HOURS
.....									
00-02	38.0	12.331	930	185	478	834	8		930
03-05	36.9	12.376	930	211	442	843	6		930
06-08	36.4	12.676	930	230	434	844	5		930
09-11	38.1	13.134	930	203	493	812	17		930
12-14	38.8	13.157	930	187	513	803	20		930
15-17	38.8	13.055	930	183	500	806	15		930
18-20	38.8	12.755	930	168	507	823	11		930
21-23	38.7	12.242	930	173	503	825	9		930
ALL HOURS	38.1	12.765	7440	1540	3870	6590	91		7440
.....									

MONTH: APR

.....									
HOURS	MEAN	STANDARD	TOTAL	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				DEG F	TOTAL
LST		DEVIATION	OBS	LE 27	GE 37	LE 55	GE 65		HOURS
.....									
00-02	44.8	11.482	900	56	646	708	33		900
03-05	44.1	11.759	900	63	626	716	36		900
06-08	44.1	12.016	900	68	643	714	41		900
09-11	45.4	12.777	899	76	677	671	59		900
12-14	45.9	12.908	900	75	672	665	68		900
15-17	45.2	12.942	900	78	656	679	69		900
18-20	45.7	12.678	900	69	665	663	71		900
21-23	46.1	11.896	900	46	678	678	63		900
ALL HOURS	45.1	12.360	7199	531	5263	5494	440		7199
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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	57.0	8.629	929	1	915	373	197	929
03-05	56.4	8.676	930	1	913	396	187	930
06-08	57.0	8.656	929	0	915	369	200	929
09-11	57.9	9.033	930	0	914	327	237	930
12-14	57.8	9.556	930	5	911	335	260	930
15-17	57.0	9.757	927	6	908	366	242	927
18-20	57.4	9.670	929	5	909	351	241	929
21-23	57.9	8.827	925	0	912	341	234	925
ALL HOURS	57.3	9.155	7429	18	7297	2858	1798	7429

MONTH: JUN

00-02	63.5	6.159	900	0	900	85	454	900
03-05	62.9	6.069	900	0	900	88	424	900
06-08	63.6	5.977	900	0	900	88	474	900
09-11	64.5	6.424	900	0	900	87	526	900
12-14	63.9	6.555	900	0	900	108	497	900
15-17	63.3	6.365	899	0	899	104	445	900
18-20	63.5	6.425	900	0	900	97	452	900
21-23	64.1	6.099	900	0	900	76	488	900
ALL HOURS	63.7	6.309	7199	0	7199	733	3760	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	65.2	4.580	930	0	930	38	564	930
03-05	65.2	4.519	930	0	930	36	554	930
06-08	65.8	4.472	930	0	930	26	615	930
09-11	66.4	4.841	930	0	930	31	655	930
12-14	64.9	5.273	930	0	930	51	528	930
15-17	63.7	5.719	930	0	930	88	470	930
18-20	64.0	5.685	930	0	930	85	491	930
21-23	65.0	5.128	930	0	930	51	548	930
ALL HOURS	65.0	5.162	7440	0	7440	406	4425	7440

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	65.2	4.797	930	0	930	43	604	930
03-05	65.2	4.542	930	0	930	39	602	930
06-08	65.9	4.434	930	0	930	32	658	930
09-11	66.9	4.624	930	0	930	21	718	930
12-14	65.7	5.221	930	0	930	33	583	930
15-17	64.1	5.487	930	0	929	57	461	930
18-20	64.1	5.537	930	0	930	62	481	930
21-23	65.0	5.121	930	0	930	53	578	930
ALL HOURS	65.3	5.106	7440	0	7439	340	4685	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	58.8	9.375	900	1	879	301	302	900
03-05	58.4	9.662	900	2	874	323	292	900
06-08	58.4	9.858	900	2	873	316	322	900
09-11	59.8	10.275	900	5	876	260	375	900
12-14	58.9	10.556	900	9	870	284	319	900
15-17	57.9	10.441	900	10	873	309	285	900
18-20	58.2	10.111	900	11	876	304	284	900
21-23	58.7	9.573	900	4	880	291	301	900
ALL HOURS	58.6	10.026	7200	44	7001	2388	2480	7200

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	48.5	10.849	930	25	789	654	53	930
03-05	47.8	10.821	930	26	774	677	49	930
06-08	47.6	10.785	930	25	768	678	41	930
09-11	49.7	11.199	929	28	790	601	75	930
12-14	49.7	11.550	930	31	789	590	71	930
15-17	48.9	11.519	930	37	774	631	64	930
18-20	49.4	11.028	930	23	808	628	63	930
21-23	49.2	11.011	930	29	798	640	67	930
ALL HOURS	48.9	11.150	7439	224	6290	5099	483	7439

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	37.0	12.885	900	223	438	800	10	900
03-05	36.6	12.963	900	222	407	806	8	900
06-08	36.1	12.849	900	226	382	815	6	900
09-11	37.8	12.904	899	181	441	795	17	899
12-14	37.8	13.164	899	199	472	784	16	899
15-17	36.9	13.019	899	217	459	807	5	899
18-20	37.0	12.275	900	215	450	832	4	900
21-23	36.6	12.416	900	224	436	824	5	900
ALL HOURS	37.0	12.837	7197	1707	3485	6463	71	7197

MONTH: DEC

00-02	27.9	13.168	930	426	211	913	0	930
03-05	27.2	13.291	930	461	192	909	0	930
06-08	26.5	13.073	930	488	175	914	0	930
09-11	28.2	13.539	930	389	225	911	0	930
12-14	28.9	13.595	930	380	253	907	4	930
15-17	29.0	13.490	930	376	254	908	2	930
18-20	28.9	13.289	927	383	257	913	0	930
21-23	28.3	13.060	927	398	232	914	0	930
ALL HOURS	28.1	13.351	7434	3301	1799	7289	6	7434

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	46.8	17.789	10955	1806	7476	6512	2225	10955
03-05	46.2	17.958	10956	1933	7323	6594	2158	10956
06-08	46.2	18.386	10955	2021	7255	6554	2362	10955
09-11	47.6	18.317	10953	1743	7561	6268	2680	10953
12-14	47.5	17.892	10955	1704	7654	6304	2368	10955
15-17	46.9	17.607	10951	1746	7591	6500	2059	10951
18-20	47.0	17.552	10952	1706	7636	6506	2098	10952
21-23	47.2	17.693	10948	1721	7588	6448	2293	10948
ALL HOURS	46.9	17.908	87625	14380	60084	51686	18243	87625

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	99.9	98.0	92.2	78.8	64.8	44.6	24.3	9.2	65.9	930
03-05	100.0	99.9	98.3	93.7	86.1	68.0	49.5	28.0	12.4	68.4	93
06-08	100.0	99.9	98.6	92.8	85.6	70.0	51.5	30.6	14.9	69.4	930
09-11	100.0	99.4	94.5	85.6	72.0	54.7	37.8	21.4	10.5	62.2	930
12-14	100.0	95.6	81.8	63.1	43.9	29.8	18.4	9.5	3.8	49.2	930
15-17	100.0	91.7	71.5	53.2	37.1	23.3	14.3	7.8	3.3	44.8	930
18-20	100.0	96.7	87.2	73.9	54.4	39.4	23.4	11.3	4.2	53.6	930
21-23	100.0	98.9	95.7	86.9	71.6	55.3	34.9	16.3	6.1	61.3	930
ALL HOURS	100.0	97.7	90.7	80.2	66.2	50.7	34.3	18.7	8.1	59.3	7440

MONTH: FEB

00-02	100.0	100.0	98.8	94.3	83.9	68.6	50.1	29.1	11.0	68.4	846
03-05	100.0	99.9	99.3	96.9	90.9	74.5	56.3	33.9	13.8	71.2	846
06-08	100.0	100.0	99.3	97.0	90.7	76.6	59.8	37.4	14.3	72.3	846
09-11	100.0	99.9	96.3	86.8	72.5	58.7	41.8	25.4	10.2	64.0	846
12-14	100.0	97.3	83.2	67.0	50.6	38.8	25.4	14.5	4.3	52.7	846
15-17	100.0	93.5	73.4	58.7	44.2	30.4	20.3	10.3	3.7	48.1	846
18-20	100.0	99.1	89.2	73.8	56.9	42.6	28.7	14.4	4.8	55.4	846
21-23	100.0	100.0	97.4	88.7	74.6	57.7	41.1	22.7	8.2	63.7	846
ALL HOURS	100.0	98.7	92.1	82.9	70.5	56.0	40.5	23.5	8.8	62.0	6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	99.9	99.2	95.3	85.7	72.0	51.1	31.0	16.7	69.8	930
03-05	100.0	99.7	99.1	96.1	89.4	79.1	59.6	37.7	20.2	73.1	930
06-08	100.0	99.7	99.2	97.0	90.1	79.5	58.9	38.7	22.2	73.6	930
09-11	100.0	99.0	95.5	85.3	70.0	52.3	37.2	24.8	12.4	62.2	930
12-14	100.0	96.1	84.1	65.9	48.2	33.5	21.9	12.7	5.7	51.5	930
15-17	100.0	93.1	77.0	58.6	40.4	28.1	18.5	11.9	5.7	48.0	930
18-20	100.0	97.5	88.1	71.2	53.7	37.3	24.2	15.3	7.8	54.1	930
21-23	100.0	99.8	97.3	89.9	76.5	57.1	39.2	22.6	10.4	63.8	930
ALL HOURS	100.0	98.1	92.4	82.4	69.2	54.9	38.8	24.3	12.6	62.0	7440

MONTH: APR

00-02	100.0	100.0	98.9	95.6	86.8	66.4	46.4	30.7	14.6	68.7	900
03-05	100.0	99.9	99.2	96.7	91.4	75.7	56.8	37.4	20.1	72.6	900
06-08	100.0	99.8	99.4	96.3	88.6	75.1	54.6	38.2	21.1	72.0	900
09-11	100.0	99.3	93.7	79.9	62.6	44.7	29.0	17.8	8.8	58.1	899
12-14	100.0	97.7	82.9	62.2	42.2	26.7	14.9	7.1	2.7	48.3	900
15-17	99.7	94.7	75.6	53.6	33.8	21.1	11.8	5.8	2.3	44.4	900
18-20	100.0	98.4	87.8	69.0	48.0	32.8	19.2	11.0	4.6	51.5	900
21-23	100.0	100.0	98.6	91.3	74.2	52.2	36.4	22.1	10.7	63.1	900
ALL HOURS	100.0	98.7	92.0	80.6	66.0	49.3	33.6	21.3	10.6	59.8	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.8	99.2	96.1	89.1	69.0	46.3	26.4	77.2	929
03-05	100.0	100.0	100.0	99.5	98.6	94.2	83.8	58.3	35.6	81.5	930
06-08	100.0	100.0	99.9	99.6	97.8	91.4	78.0	54.1	31.1	79.6	929
09-11	100.0	99.9	98.0	92.5	80.3	60.0	40.8	21.0	8.6	64.5	930
12-14	100.0	98.5	94.2	79.1	58.6	38.4	18.9	8.0	2.2	54.3	930
15-17	100.0	98.2	91.3	70.2	47.4	29.3	14.1	5.4	2.4	50.2	927
18-20	100.0	98.7	95.0	84.3	65.7	45.0	29.1	13.5	5.0	58.1	929
21-23	100.0	100.0	99.4	97.4	91.1	76.9	53.0	30.9	15.2	70.8	925
ALL HOURS	100.0	99.4	97.2	90.2	79.5	65.5	48.3	29.7	15.8	67.0	7429

MONTH: JUN

00-02	100.0	100.0	100.0	99.9	97.8	89.8	69.1	35.8	17.2	75.9	900
03-05	100.0	100.0	100.0	100.0	99.6	96.9	82.7	53.8	28.4	80.8	900
06-08	100.0	100.0	100.0	100.0	99.6	94.2	76.7	46.9	24.1	78.8	900
09-11	100.0	100.0	99.7	95.4	81.8	56.4	27.8	10.6	5.4	62.2	900
12-14	100.0	99.9	97.0	80.0	54.7	25.8	10.6	3.8	1.7	51.9	900
15-17	100.0	100.0	95.0	72.5	42.4	19.2	9.3	4.8	2.1	49.2	899
18-20	100.0	100.0	98.2	85.1	63.2	34.9	17.1	7.2	3.4	55.4	900
21-23	100.0	100.0	100.0	99.3	91.8	75.1	45.9	21.1	9.2	68.7	900
ALL HOURS	100.0	100.0	98.7	91.5	78.8	61.6	42.4	23.0	11.5	65.4	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	99.8	92.0	74.6	43.0	17.2	7.7	68.2	930
03-05	100.0	100.0	100.0	100.0	99.1	91.5	66.0	32.2	13.8	74.9	930
06-08	100.0	100.0	100.0	99.9	98.4	91.2	65.4	31.9	12.7	74.7	930
09-11	100.0	100.0	99.2	91.9	71.3	39.8	17.2	6.7	2.8	57.5	930
12-14	100.0	99.9	91.3	64.9	33.2	13.0	6.0	1.8	1.1	45.7	930
15-17	100.0	99.1	81.5	52.9	23.4	9.2	4.6	1.9	1.2	41.9	930
18-20	100.0	99.6	90.3	69.9	41.4	17.7	7.8	2.9	1.3	47.5	930
21-23	100.0	100.0	99.6	93.2	75.4	50.9	21.1	8.9	3.3	59.8	930
ALL HOURS	100.0	99.8	95.2	84.1	66.8	48.5	28.9	12.9	5.5	58.8	7440

MONTH: AUG

00-02	100.0	100.0	100.0	99.5	93.2	74.6	41.8	19.9	8.1	68.2	930
03-05	100.0	100.0	100.0	100.0	98.9	92.2	64.1	34.3	14.0	75.2	930
06-08	100.0	100.0	100.0	100.0	99.8	93.7	70.4	36.1	14.9	76.1	930
09-11	100.0	100.0	99.5	94.1	74.5	43.3	22.9	8.3	2.6	59.2	930
12-14	100.0	99.8	93.0	65.1	35.3	14.1	7.0	3.1	1.0	46.4	930
15-17	100.0	98.9	84.9	50.3	23.1	11.4	6.1	3.3	1.4	42.5	930
18-20	100.0	99.7	93.2	68.9	42.0	20.8	11.3	4.6	1.2	48.7	930
21-23	100.0	100.0	99.7	94.3	76.2	48.5	22.8	11.3	4.1	60.1	930
ALL HOURS	100.0	99.8	96.3	84.0	67.9	49.8	30.8	15.1	5.9	59.5	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	98.4	92.8	75.1	55.9	34.3	15.9	71.8	900
03-05	100.0	100.0	100.0	99.8	97.8	87.4	67.7	43.0	22.0	76.5	900
06-08	100.0	100.0	100.0	100.0	98.1	92.0	72.9	45.1	24.3	77.9	900
09-11	100.0	99.8	98.8	92.1	76.7	54.3	33.8	19.0	8.2	62.9	900
12-14	100.0	98.7	90.8	66.6	45.2	28.6	16.1	8.1	4.8	50.6	900
15-17	100.0	98.0	84.2	55.2	38.6	23.2	13.2	7.0	3.8	46.7	900
18-20	100.0	99.1	92.6	76.1	56.0	39.9	24.2	11.4	5.9	55.1	900
21-23	100.0	100.0	99.3	94.8	79.7	63.3	43.1	23.1	10.3	66.0	900
ALL HOURS	100.0	99.4	95.7	85.4	73.1	58.0	40.9	23.9	11.9	63.4	7200

MONTH: OCT

00-02	100.0	100.0	99.9	97.1	89.1	76.9	56.8	38.1	18.0	72.1	930
03-05	100.0	100.0	100.0	99.1	93.0	82.5	66.6	47.3	23.7	75.9	930
06-08	100.0	100.0	100.0	99.2	94.6	84.3	68.7	49.2	27.3	76.9	930
09-11	100.0	100.0	98.4	88.7	75.8	57.2	38.1	23.4	13.1	63.8	929
12-14	100.0	98.9	86.5	69.0	48.5	29.9	19.4	12.2	5.8	51.6	930
15-17	100.0	98.0	80.5	59.7	40.9	26.2	16.5	10.3	4.2	48.1	930
18-20	100.0	99.9	95.5	82.3	63.2	44.1	28.8	17.1	8.5	58.5	930
21-23	100.0	100.0	99.2	94.9	82.3	64.4	43.9	27.5	13.7	67.2	930
ALL HOURS	100.0	99.6	95.0	86.3	73.4	58.2	42.3	28.1	14.3	64.3	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	99.9	99.2	95.1	87.9	73.0	54.6	35.1	15.4	70.7	900
03-05	100.0	100.0	99.3	97.1	91.1	79.1	60.3	41.2	21.2	73.8	900
06-08	100.0	100.0	99.8	98.7	93.0	80.0	61.4	41.9	21.3	74.8	900
09-11	100.0	99.7	96.9	88.1	73.4	57.2	42.8	25.8	13.6	64.4	899
12-14	100.0	96.8	85.9	66.0	47.1	32.7	22.4	13.7	6.7	51.7	899
15-17	99.9	95.2	79.8	57.6	41.3	28.6	18.4	10.9	6.1	48.3	899
18-20	100.0	99.7	94.3	80.4	63.1	43.1	29.8	16.4	5.6	57.9	900
21-23	100.0	99.8	97.1	91.9	79.4	63.1	42.3	26.3	9.6	65.7	900
ALL HOURS	100.0	98.9	94.0	84.4	72.0	57.1	41.5	26.4	12.4	63.4	7197

MONTH: DEC

00-02	100.0	100.0	99.2	96.0	90.0	78.1	58.7	37.0	16.2	72.6	930
03-05	100.0	100.0	99.7	97.4	93.4	81.8	64.9	42.2	20.0	75.0	930
06-08	100.0	100.0	99.7	99.0	93.2	84.5	69.1	44.5	21.2	76.2	930
09-11	100.0	100.0	98.3	92.6	82.6	69.1	50.0	28.5	14.9	68.4	930
12-14	100.0	98.3	88.7	76.3	59.4	40.4	26.6	17.3	8.9	56.1	930
15-17	100.0	97.5	86.0	72.8	52.5	34.2	22.8	17.4	6.8	53.5	930
18-20	100.0	99.6	95.9	87.5	75.2	56.0	35.9	22.1	10.5	62.8	927
21-23	100.0	100.0	98.5	94.0	85.3	70.0	51.1	28.9	11.9	68.8	927
ALL HOURS	100.0	99.4	95.7	89.5	78.9	64.3	47.4	29.7	13.8	66.7	7434

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.4	96.9	89.5	75.3	53.4	31.5	14.7	70.8	10955
03-05	100.0	99.9	99.6	98.0	94.1	83.6	64.9	40.8	20.5	74.9	10956
06-08	100.0	99.9	99.7	98.3	94.1	84.4	65.7	41.2	20.8	75.2	10955
09-11	100.0	99.7	97.4	89.4	74.5	54.0	34.9	19.3	9.3	62.4	10953
12-14	100.0	98.1	88.3	68.8	47.2	29.2	17.2	9.3	4.0	50.8	10955
15-17	100.0	96.5	81.8	59.6	38.7	23.7	14.1	8.1	3.6	47.1	10951
18-20	100.0	99.0	92.3	76.9	56.9	37.7	23.3	12.3	5.2	54.9	10952
21-23	100.0	99.9	98.5	93.1	79.9	61.2	39.5	21.8	9.4	64.9	10948
ALL HOURS	100.0	99.1	94.6	85.1	71.9	56.1	39.1	23.0	10.9	62.6	87625

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	FFFFFFFFF
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	FFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFFFF
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	FFFFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (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 TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	1021.5	1019.4	1015.0	1013.3	1012.3	1013.2	1014.8	1014.7	1015.8	1017.5	1017.5	1021.5	1016.4
	SD	7.822	8.542	8.246	7.268	5.496	3.625	3.000	3.038	4.793	5.799	8.184	8.332	7.157
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0300	MEAN	1021.1	1019.1	1014.6	1013.0	1011.9	1012.8	1014.6	1014.5	1015.8	1017.4	1017.3	1021.2	1016.1
	SD	7.926	8.628	8.266	7.288	5.535	3.666	2.980	3.064	4.782	5.821	8.169	8.387	7.196
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0600	MEAN	1021.1	1019.4	1015.2	1013.7	1012.7	1013.7	1015.5	1015.2	1016.6	1018.0	1017.6	1021.4	1016.7
	SD	7.882	8.605	8.367	7.342	5.605	3.702	3.000	3.122	4.752	5.919	8.199	8.423	7.120
	TOT OBS	309	282	310	300	310	300	310	310	300	310	300	309	3650
0900	MEAN	1022.5	1020.8	1016.6	1014.8	1013.6	1014.6	1016.2	1016.0	1017.7	1019.3	1019.0	1022.6	1017.8
	SD	7.955	8.620	8.494	7.434	5.634	3.690	3.019	3.158	4.776	5.955	8.274	8.460	7.232
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1200	MEAN	1022.3	1020.6	1016.0	1014.3	1013.0	1013.9	1015.6	1015.4	1017.0	1018.4	1018.3	1022.1	1017.2
	SD	8.022	8.551	8.585	7.413	5.607	3.707	2.999	3.196	4.801	5.937	8.325	8.587	7.294
	TOT OBS	310	282	310	300	310	300	310	310	300	310	299	309	3650
1500	MEAN	1019.8	1018.1	1013.7	1012.4	1011.3	1012.3	1013.8	1013.5	1014.8	1016.2	1016.1	1020.0	1015.2
	SD	7.948	8.380	8.465	7.191	5.507	3.740	2.944	3.185	4.859	5.779	8.350	8.477	7.132
	TOT OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
1800	MEAN	1020.2	1018.2	1013.3	1011.8	1010.4	1011.2	1012.7	1012.6	1014.3	1016.2	1016.6	1020.6	1014.8
	SD	7.813	8.261	8.335	7.119	5.384	3.694	2.891	3.171	4.926	5.695	8.178	8.272	7.260
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
2100	MEAN	1021.1	1019.3	1014.6	1013.0	1011.6	1012.3	1013.9	1014.0	1015.7	1017.4	1017.6	1021.6	1016.0
	SD	7.794	8.334	8.230	7.121	5.355	3.632	2.963	3.104	4.867	5.735	8.236	8.206	7.210
	TOT OBS	310	282	310	300	310	300	310	310	300	310	299	309	3650
ALL HOURS	MEAN	1021.2	1019.4	1014.9	1013.3	1012.1	1013.0	1014.6	1014.5	1016.0	1017.6	1017.5	1021.4	1016.3
	SD	7.944	8.539	8.434	7.332	5.597	3.818	3.157	3.297	4.926	5.910	8.284	8.428	7.259
	TOT OBS	2479	2256	2480	2400	2480	2399	2480	2480	2400	2480	2398	2476	29208

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	30.15	30.10	29.98	29.94	29.93	29.96	30.01	30.01	30.03	30.07	30.05	30.15	30.03
	SD	.221	.240	.234	.208	.157	.105	.087	.086	.134	.164	.232	.233	.198
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0300	MEAN	30.14	30.09	29.97	29.93	29.91	29.95	30.01	30.01	30.03	30.07	30.05	30.14	30.02
	SD	.223	.243	.235	.208	.159	.106	.086	.087	.134	.164	.231	.234	.199
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0600	MEAN	30.14	30.09	29.98	29.95	29.94	29.97	30.03	30.02	30.05	30.08	30.05	30.14	30.04
	SD	.223	.243	.239	.210	.160	.107	.087	.089	.132	.167	.232	.236	.197
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
0900	MEAN	30.18	30.13	30.02	29.99	29.96	30.00	30.05	30.05	30.08	30.12	30.09	30.18	30.07
	SD	.225	.243	.243	.213	.162	.107	.087	.090	.133	.169	.235	.236	.200
	TOT OBS	310	282	310	299	310	300	309	310	300	310	300	309	3649
1200	MEAN	30.17	30.13	30.01	29.97	29.95	29.98	30.04	30.03	30.07	30.09	30.07	30.17	30.06
	SD	.227	.242	.246	.212	.161	.107	.086	.091	.134	.168	.236	.241	.202
	TOT OBS	310	282	310	300	310	300	310	310	300	310	299	310	3651
1500	MEAN	30.10	30.06	29.94	29.92	29.90	29.93	29.99	29.98	30.00	30.03	30.01	30.11	30.00
	SD	.225	.237	.242	.205	.158	.108	.085	.090	.136	.164	.238	.238	.198
	TOT OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
1800	MEAN	30.11	30.06	29.93	29.90	29.87	29.90	29.95	29.95	29.99	30.03	30.02	30.12	29.99
	SD	.221	.233	.238	.204	.155	.106	.083	.090	.137	.161	.232	.232	.200
	TOT OBS	310	282	309	300	309	298	310	310	300	310	300	309	3647
2100	MEAN	30.14	30.09	29.97	29.93	29.90	29.93	29.99	29.99	30.03	30.06	30.05	30.15	30.02
	SD	.221	.235	.235	.204	.154	.105	.086	.088	.136	.163	.233	.230	.198
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	30.14	30.09	29.98	29.94	29.92	29.95	30.01	30.00	30.04	30.07	30.05	30.15	30.03
	SD	.224	.241	.241	.210	.161	.110	.091	.094	.138	.167	.235	.236	.201
	TOT OBS	2480	2256	2479	2399	2478	2397	2479	2480	2400	2480	2399	2477	29204

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	28.87	28.82	28.71	28.67	28.66	28.69	28.74	28.74	28.76	28.80	28.78	28.88	28.76
	SD	.213	.232	.226	.201	.152	.102	.085	.085	.130	.159	.224	.225	.191
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0300	MEAN	28.87	28.82	28.70	28.66	28.65	28.68	28.74	28.74	28.76	28.79	28.77	28.87	28.75
	SD	.216	.235	.227	.201	.154	.103	.085	.085	.130	.159	.223	.226	.192
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0600	MEAN	28.86	28.82	28.71	28.68	28.67	28.70	28.76	28.75	28.78	28.81	28.78	28.87	28.77
	SD	.215	.235	.230	.202	.155	.104	.085	.087	.128	.162	.224	.228	.191
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
0900	MEAN	28.90	28.86	28.75	28.72	28.69	28.73	28.78	28.78	28.81	28.84	28.82	28.90	28.80
	SD	.217	.235	.235	.205	.157	.104	.085	.087	.129	.164	.227	.228	.193
	TOT OBS	310	282	310	299	310	300	309	310	300	310	300	309	3649
1200	MEAN	28.90	28.86	28.74	28.70	28.68	28.71	28.77	28.76	28.79	28.82	28.80	28.89	28.79
	SD	.219	.234	.238	.204	.156	.104	.084	.089	.130	.162	.228	.233	.195
	TOT OBS	310	282	310	300	310	300	310	310	300	310	299	310	3651
1500	MEAN	28.83	28.79	28.67	28.65	28.63	28.66	28.72	28.71	28.73	28.76	28.74	28.84	28.73
	SD	.217	.229	.234	.198	.153	.104	.083	.088	.132	.158	.230	.230	.191
	TOT OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
1800	MEAN	28.84	28.79	28.66	28.63	28.60	28.63	28.68	28.68	28.72	28.76	28.75	28.85	28.72
	SD	.214	.225	.230	.197	.149	.102	.081	.087	.133	.156	.224	.224	.193
	TOT OBS	310	282	309	300	309	298	310	310	300	310	300	309	3647
2100	MEAN	28.86	28.82	28.70	28.66	28.64	28.67	28.72	28.72	28.76	28.79	28.78	28.87	28.75
	SD	.213	.227	.227	.197	.149	.101	.084	.086	.131	.158	.225	.222	.192
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	28.87	28.82	28.71	28.67	28.65	28.68	28.74	28.73	28.77	28.80	28.78	28.87	28.76
	SD	.217	.233	.232	.202	.155	.107	.089	.092	.133	.162	.227	.228	.194
	TOT OBS	2480	2256	2479	2399	2478	2397	2479	2480	2400	2480	2399	2477	29204

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	GG GGGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE 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 MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.9	.2	.1	930	1.2	.1		930	1.0	.2		930	1.2	.1		930
CATEGORY B	1.9	1.0	.3	1002	2.3	.9	.5	1019	2.7	.8	.4	1067	4.9	1.4	.5	1028

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.8	.1		930	1.3	.1		930	.5			930	.3	.3	.1	930
CATEGORY B	7.2	1.7	.5	998	6.0	1.1	.3	992	2.2	.9	.2	994	2.5	.5	.3	995

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.2	.1		4650	1.0	.1	.0	7440
CATEGORY B	4.6	1.2	.4	5079	3.7	1.0	.4	8095

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				846	.1			846	.1			846	.4			846
CATEGORY B	.4			914	.6			952	.9	.1		957	3.1	.4		972

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.1	.4	.1	846	1.1			846	.6			846	.1			846
CATEGORY B	5.4	1.4	.3	934	5.8	1.4	.1	919	2.6	.9	.1	908	2.1	.1	.1	912

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.6	.1	.0	4230	.4	.0	.0	6768
CATEGORY B	3.5	.8	.1	4690	2.6	.5	.1	7468

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.0	.1		930	.6	.1		930	.5			930	1.9	.3		930
CATEGORY B	3.2	1.1	.3	1004	2.0	.6	.2	1029	1.9	.9	.1	1059	5.3	1.7	.5	1031

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	2.8	1.3		930	1.6	.9	.2	930	1.0	.2		930	.5			930
CATEGORY B	7.2	2.6	1.4	1019	5.5	1.3	.9	998	3.6	1.1	.6	1008	2.3	.3	.2	1006

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.6	.5	.0	4650	1.3	.4	.0	7440
CATEGORY B	4.7	1.5	.7	5115	3.9	1.2	.5	8154

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.4			900	.3			900	.6			900	1.2	.4	.2	900
CATEGORY B	2.3	.7	.2	995	2.0	.7	.1	992	2.9	.5	.2	1046	5.6	1.5	.5	994

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	2.0	.7	.2	900	1.4	.3		900	.2			900	.4			900
CATEGORY B	6.9	2.7	.9	959	6.5	2.6	1.1	960	2.1	.6	.2	951	2.3	1.0		971

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.1	.3	.1	4500	.8	.2	.1	7200
CATEGORY B	4.8	1.6	.6	4910	3.8	1.3	.4	7868

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3			930				930	.1			930	.6			930
CATEGORY B	1.6	.1	.1	1053	1.2	.1		1061	1.0			1102	3.7	.9	.1	1053

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.9			930	.8			930	.2			930	.3			930
CATEGORY B	6.0	1.6	.3	994	4.6	1.2	.3	1009	2.6	1.4	.3	1000	1.3	.4		1014

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.5			4650	.4			7440
CATEGORY B	3.5	1.0	.2	5158	2.7	.7	.1	8286

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3			900	.2			900				900				900
CATEGORY B	1.7	.9	.2	952	1.4	.3		980	.5			990	3.2	.1	.1	967

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.6			900	.1			899	.4	.2		900	.1			900
CATEGORY B	3.7	.5		962	2.4	.4		959	1.4	.6	.5	933	2.3	1.1	.6	943

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2	.0		4499	.2	.0		7199
CATEGORY B	2.2	.3	.1	4811	2.1	.5	.2	7686

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930				930	.1			930	.3			930
CATEGORY B	.1			980	.1			999	.6	.5	.2	1007	5.6	.7		976

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930	.3	.1		930				930	.1			930
CATEGORY B	3.7	.7	.1	970	3.9	.9	.4	984	1.0	.2		960	.3			956

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2	.0		4650	.1	.0		7440
CATEGORY B	3.0	.6	.1	4897	1.9	.4	.1	7832

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2			930				930				930				930
CATEGORY B	.6	.3		974	.2			986	.3			1007	2.5	.1	.1	979

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2			930	.2	.1		930				930	.1			930
CATEGORY B	2.7	.2		983	2.6	.8	.3	992	.7	.1		992	.3	.2	.1	968

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1	.0		4650	.1	.0		7440
CATEGORY B	1.8	.2	.1	4953	1.2	.2	.1	7881

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3			900	.2			900				900	1.0			900
CATEGORY B	1.0	.7	.2	973	1.4	.3	.1	1006	2.0	.6		1011	4.2	.8		1000

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			900	.1			900				900	.1	.1	.1	900
CATEGORY B	4.0	.5		993	1.4	.3	.1	958	.9	.3		968	1.3	.4	.1	970

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2			4500	.2	.0	.0	7200
CATEGORY B	2.5	.5	.0	4930	2.0	.5	.1	7879

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930	.4			930	.1			930	1.2			930
CATEGORY B	1.4	.2		990	1.0	.5	.2	1007	1.2	.2		1043	5.0	1.3	.5	1038

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.6	.3	.1	930	1.1	.1		930				930				930
CATEGORY B	5.8	2.4	.7	998	4.2	1.2	.4	991	1.0			977	1.1			974

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.8	.1	.0	4650	.6	.1	.0	7440
CATEGORY B	3.4	1.0	.3	5047	2.6	.7	.2	8018

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3	.1		900	.1			900	.2			900	.7			900
CATEGORY B	2.2	.2	.1	965	1.5			965	1.7	.3	.1	993	4.5	.9		1011

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.8	.3		899	1.4	.3		900	.2			900	.4			900
CATEGORY B	7.3	2.6	1.0	956	4.1	1.2	.6	947	1.9	.3		945	1.2	.3		946

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.9	.1		4499	.7	.1		7199
CATEGORY B	3.9	1.1	.4	4852	3.1	.7	.2	7728

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2			930	.3			930	.6			930	.4			930
CATEGORY B	1.6	.6		1044	2.4	.6		1049	2.4	.6	.2	1083	3.8	.5		1067

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.4			930	.6			930	.3			927	.4			927
CATEGORY B	4.4	1.0	.1	1023	4.9	.5		1008	2.3	.2		1011	2.9	.6	.1	1026

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.5			4647	.4			7434
CATEGORY B	3.5	.6	.1	5192	3.1	.6	.0	8311

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3	.0	.0	10956	.3	.0		10956	.3	.0		10956	.7	.1	.0	10956
CATEGORY B	1.5	.5	.1	11846	1.4	.3	.1	12045	1.5	.4	.1	12365	4.3	.9	.2	12116

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	1.1	.3	.0	10953	.8	.2	.0	10955	.3	.0		10953	.3	.0	.0	10953
CATEGORY B	5.4	1.5	.4	11789	4.3	1.1	.4	11717	1.9	.6	.2	11647	1.7	.4	.1	11681

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.7	.1	.0	54775	.5	.1	.0	87640
CATEGORY B	3.5	.9	.3	59634	2.7	.7	.2	95206

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHHH	
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	HHHHHHHHH	
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

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PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 48 - DEC 91

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1948	975	731	582	55	29				2	118	433	595	3520
1949	1023	658	410	190	1				28	159	296	657	3422
1950	746	475	436	178	27	3				14	464	738	3081
1951	762	568	455	200	18	3			13	118	560	654	3351
1952	570	466	454	196	35					171	466	727	3085
1953	594	527	264	206	77					94	416	704	2882
1954	733	300	457	61	114	1				113	315	627	2721
1955	720	624	428	96	2	11				111	506	744	3242
1956	782	638	393	184	6					85	526	637	3251
1957	865	460	494	225	42	8			3	206	514	581	3398
1958	691	720	654	208	15				6	118	350	783	3545
1959	899	605	347	189	5				10	165	580	553	3353
1960	801	771	653	80	46					72	332	800	3555
1961	862	576	340	196	34				28	75	497	801	3409
1962	944	493	457	206	10				9	114	417	656	3306
1963	1030	605	296	70	33				6	14	328	924	3306
1964	732	700	474	92	18	4			26	128	422	756	3352
1965	701	646	694	73	4				21	121	264	499	3023
1966	942	701	327	192	68			3	4	143	284	787	3451
1967	670	606	242	57	71				21	126	428	727	2948
1968	777	741	391	157	34					88	479	742	3409
1969	713	561	621	108	19	1				243	433	657	3356
1970	920	534	530	155	22	9			10	182	441	501	3304
1973	856	610	321	254	37				11	53	317	694	3153
1974	821	486	281	80					27	49	402	694	2840
1975	670	677	437	191	13				52	92	363	647	3142

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1976	715	318	346	89	51			13	284	596	751	3163
1977	1023	473	299	76	1				65	372	671	2980
1978	1082	919	450	67	48			4	89	376	797	3832
1979	1125	821	367	178	68				71	514	614	3758
1980	751	673	473	171	33			17	122	392	574	3206
1981	594	503	324	52	44			9	114	293	629	2562
1982	799	670	341	198	20			3	103	426	664	3224
1983	735	608	446	303	42	9		13	76	372	1088	3692
1984	880	559	516	235	32			73	135	398	618	3446
1985	907	656	313	75	2			34	78	464	839	3368
1986	654	524	332	69	8			1	146	531	685	2950
1987	836	489	452	176	3			2	137	433	747	3275
1988	904	645	426	183	12			9	150	396	667	3392
1989	546	756	349	111	24			43	94	316	928	3167
1990	549	471	348	177	50			5	147	314	830	2891
1991	865	403	301	93	22			33	137	542	555	2951
.....												
MEAN	803	594	417	146	29	1		0	12	117	418	703
SD	145.05	127.29	109.97	65.51	24.70	2.82		.46	16.12	52.76	86.55	116.17
*****SPL 30YR SUMMATION (1951 -1980)*****												
MEAN	812	600	426	144	33	1		0	10	118	424	689
SD	142.20	137.48	121.47	61.56	27.66	3.01		.57	12.32	58.94	89.91	98.12

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 723550

STATION NAME: FORT SILL OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 48 - DEC 91

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1948			4	139	209	480	576	571	346	56		1	2382
1949				38	211	438	602	470	219	99	2		2079
1950			7	57	180	380	414	428	264	167	9		1906
1951			7	58	156	370	577	633	329	129	4		2263
1952			12	25	174	537	557	719	337	52	15		2428
1953			15	37	287	662	523	502	391	124			2541
1954		5	10	139	91	452	746	707	477	166			2793
1955		2	29	127	251	341	601	546	358	51		4	2310
1956		6	35	73	326	524	630	657	407	142	3		2803
1957		3		34	140	373	657	583	246	60	4		2100
1958				19	228	458	560	578	341	100	12		2296
1959			14	106	255	408	464	560	331	29	3		2170
1960			7	64	172	472	503	529	389	117	11		2264
1961			4	74	165	284	512	458	232	65	1		1795
1962		4	5	26	289	337	524	545	244	128			2102
1963			55	122	247	437	639	633	364	209	6		2712
1964				106	220	406	661	550	260	16	15		2234
1965	1			77	183	372	602	510	309	65	5		2124
1966			24	29	184	392	667	465	212	48	23		2044
1967			64	112	151	471	527	511	253	76			2165
1968			8	27	123	396	484	535	223	89	6		1891
1969				42	171	378	668	535	301	66			2161
1970			2	60	212	422	616	653	376	81	1		2423
1973				28	166	388	539	542	278	108	11		2060
1974			28	72	344	480	737	559	125	67	5		2417
1975			7	48	132	366	460	526	232	102	9		1882

1976	2	24	34	91	356	492	549	267	44			1859
1977		4	35	244	505	619	569	459	78	3		2516
1978		9	108	231	439	702	499	389	78	10		2465
1979		11	20	131	358	528	479	287	134	2		1950
1980	1		25	133	509	720	689	449	92	15	2	2635
1981	2		137	148	465	703	480	391	105	3		2434
1982		14	39	171	348	608	695	380	124	7		2386
1983			40	147	279	558	633	394	88	13		2152
1984		2	21	171	423	545	544	301	78	6	1	2092
1985		14	54	223	384	550	627	357	76	1		2286
1986	3	23	86	181	420	635	476	299	34			2157
1987			74	243	371	481	540	224	28	10		1971
1988		10	23	173	421	596	616	265	32	5		2141
1989		39	124	224	310	515	476	223	144	5		2060
1990		20	32	203	529	490	522	371	65	9		2241
1991			13	68	269	404	556	473	211	97		2091
.....												
MEAN	0	0	12	63	196	417	579	556	312	88	5	0
SD	.15	1.48	14.82	38.05	57.80	74.01	80.65	73.58	78.73	42.07	5.49	.71
****SPL 30YR SUMMATION (1951 -1980)****												
MEAN	0	0	13	61	196	424	589	565	316	89	5	0
SD	.19	1.68	16.41	37.26	66.81	77.84	84.20	70.65	83.88	42.97	6.08	.83

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A W S CLIMATIC BRIEF JUL 92	STATION NAME: FORT SILL OK												FIELD ELEV: 1188 FT	
	LATITUDE/LONGITUDE: 34 39 N 098 24 W												STATION MSC: 723550	
	HOURLY OBS POR: JAN 82 - DEC 91												CALL SIGN: KFSI	
	SUMMARY OF DAY POR: SEP 39-JUN 42, AUG 44-OCT 91												SUPERSEDES: JAN 87	
HOURS SUMMARIZED: 0000 - 2300 LST														
LST TO UTC: +06														
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	83	85	101	99	105	112	111	109	108	100	87	87	112	52
MEAN MAX TEMP (F)	49	54	63	73	80	89	94	94	86	75	62	52	73	52
MEAN TEMP (F)	39	44	52	62	70	79	83	83	75	64	51	42	62	52
MEAN MIN TEMP (F)	28	33	40	51	59	68	72	71	64	53	40	31	51	52
EXTRM MIN TEMP (F)	-6	2	1	24	35	46	57	54	37	26	13	-5	-6	52
D/W TEMP GE 100 (F)	0	0	#	0	1	2	6	6	1	#	0	0	16	52
D/W TEMP GE 90 (F)	0	0	1	1	4	15	24	23	11	2	0	0	81	52
D/W TEMP LT 33 (F)	21	14	6	1	0	0	0	0	0	1	6	17	66	52
D/W TEMP LT 10 (F)	1	1	#	0	0	0	0	0	0	0	0	1	3	52
HEATING DEGREE DAYS	803	594	417	146	29	1	0	#	12	117	418	703	3240	44
COOLING DEGREE DAYS	#	#	12	63	196	417	579	556	312	88	5	#	2228	44
MEAN DEWPOINT TEMP (F)	24	30	38	45	57	63	65	65	58	48	37	28	46	10
MEAN WET BULB TEMP (F)	33	38	45	52	62	68	70	71	64	55	44	34	53	10
99.95% WCPA (FT)	1700	1750	1900	1800	1700	1550	1400	1400	1600	1650	1750	1800	1750	10
MEAN REL HUM 07 LST(%)	69.4	72.3	73.6	72.0	79.6	78.8	74.7	76.1	77.9	76.9	74.8	76.2	75.2	10
MEAN REL HUM 13 LST(%)	49.2	52.7	51.5	48.3	54.3	51.9	45.7	46.4	50.6	51.6	51.7	56.1	50.8	10
MAX 24HR PRECIP (IN)	2.11	2.18	2.42	2.55	6.94	4.15	3.54	2.31	3.83	7.33	2.66	3.02	7.33	52
MAX PRECIP (IN)	4.02	4.63	6.86	6.57	13.91	10.88	7.37	6.63	9.27	15.26	5.28	7.93	44.80	52
MEAN PRECIP (IN)	1.16	1.51	2.02	2.63	5.41	3.75	2.48	2.26	3.28	3.39	1.66	1.30	30.98	52
MIN PRECIP (IN)	.00	#	#	.06	.34	.57	.00	.02	#	.01	.00	#	17.31	52
D/W PRECIP GE .01 (IN)	5	5	6	7	9	7	6	6	6	6	5	5	73	52
D/W PRECIP GT .50 (IN)	1	1	1	2	3	3	1	2	2	2	1	1	20	52
MAX 24HR SNFL (IN)	11.0	5.2	9.8	#	0	0	0	0	0	#	1.8	5.0	11.0	45
MAX SNFL (IN)	14.7	11.4	9.8	#	0	0	0	0	0	#	2.2	9.2	24.7	45
MEAN SNFL (IN)	2.6	2.0	.8	#	0	0	0	0	0	#	.2	1.2	6.9	45
D/W SNFL GE .1 (IN)	1	1	1	0	0	0	0	0	0	0	1	1	5	45
D/W SNFL GE 1.5 (IN)	1	1	1	0	0	0	0	0	0	0	#	1	4	45
MAX DLY SNO DEPTH (IN)	12	5	5	#	0	0	0	0	0	0	2	5	12	45
PRVING WND DIR (DEG)	35-01	35-01	35-01	14-16	14-16	14-16	14-16	14-16	14-16	17-19	35-01	35-01	14-16	10
MEAN WND SPD (KTS)	7	8	9	8	8	7	6	6	7	7	8	7	7	10
MAX WND SPD (KTS)	62	61	63	65	75	70	58	74	74	69	58	53	75	39
SKY COVER GT 5/10 (%)	42.1	49.7	50.0	43.7	48.2	43.0	29.5	31.4	37.5	40.3	44.2	48.4	42.3	10
D/W THUNDERSTORMS	1	1	3	5	9	7	6	6	4	3	1	1	47	52
D/W FOG (VSBY LT 7 MI)	9	9	8	7	8	4	3	3	6	7	8	8	80	52
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH # = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE														
POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION														

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	17.2	23.8	18.1	10.1	12.3	5.2	1.6	1.2	7.7	13.2	18.9	23.5	12.7	10
	03 - 05	21.2	26.1	20.9	15.6	19.6	7.7	4.2	2.0	11.6	17.6	23.0	25.7	16.3	10
	06 - 08	25.2	28.6	26.6	19.3	24.5	10.8	7.4	5.5	14.8	20.3	27.1	27.1	19.8	10
	09 - 11	21.2	32.2	23.9	17.6	20.2	10.2	5.5	4.1	15.0	21.1	24.9	27.2	18.6	10
	12 - 14	17.0	28.0	21.6	11.9	12.7	5.4	2.6	3.0	9.9	16.9	20.9	23.8	14.5	10
	15 - 17	14.9	21.4	18.0	6.9	8.3	2.1	1.1	2.0	6.3	11.5	14.9	21.5	10.7	10
	18 - 20	14.0	19.6	15.3	6.8	7.1	1.8	.6	2.0	5.1	10.0	12.4	21.9	9.7	10
	21 - 23	14.2	19.1	14.3	6.7	9.0	2.8	1.0	1.2	5.3	11.8	14.0	21.3	10.1	10
	ALL	18.1	24.9	19.8	11.8	14.2	5.8	3.0	2.6	9.5	15.3	19.5	24.0	14.0	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	13.5	14.7	9.6	6.4	7.4	3.4	1.3	.6	5.7	8.9	13.0	15.8	8.4	10
	03 - 05	15.7	17.8	13.5	10.4	11.8	5.4	3.1	1.4	7.4	12.9	16.7	18.1	11.2	10
	06 - 08	18.6	21.3	16.7	13.9	16.5	7.1	4.8	4.7	10.7	14.7	18.6	19.9	14.0	10
	09 - 11	16.1	25.1	14.9	9.4	10.3	4.0	2.6	3.1	8.9	12.8	17.1	20.5	12.1	10
	12 - 14	12.3	17.4	10.6	5.3	4.3	1.3	.9	1.6	4.4	8.4	12.2	17.1	8.0	10
	15 - 17	9.5	13.8	9.1	2.8	3.9	.6	.9	1.0	2.9	5.1	8.9	13.7	6.0	10
	18 - 20	9.4	13.4	9.4	3.0	2.9	1.3	.3	1.0	1.9	5.6	7.0	14.0	5.8	10
	21 - 23	10.8	11.7	9.0	4.1	4.3	1.7	.6	.2	3.7	7.2	9.7	14.7	6.5	10
	ALL	13.2	16.9	11.6	6.9	7.7	3.1	1.8	1.7	5.7	9.4	12.9	16.7	8.9	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	10.1	11.5	6.3	4.8	3.8	2.2	.9	.4	4.2	5.9	9.1	11.3	5.9	10
	03 - 05	12.7	12.4	9.7	7.0	8.7	4.0	2.4	1.2	5.3	10.3	11.8	14.2	8.3	10
	06 - 08	15.7	16.2	12.9	10.2	11.3	4.4	3.2	3.1	8.0	11.8	15.2	15.7	10.6	10
	09 - 11	13.0	17.8	9.5	5.4	5.3	2.0	1.3	1.5	4.7	10.3	11.8	16.5	8.3	10
	12 - 14	10.0	11.8	6.9	3.1	1.6	.9	.3	.2	2.6	4.1	7.5	12.2	5.1	10
	15 - 17	7.6	9.0	4.7	2.0	2.2	.3	.3	.5	1.7	2.6	6.7	9.4	3.9	10
	18 - 20	6.6	9.8	6.0	2.3	2.3	1.1	.1	.3	1.4	3.5	5.3	11.2	4.2	10
	21 - 23	7.0	8.7	5.9	2.7	2.5	.9	.4	.1	2.3	5.1	7.3	10.2	4.4	10
	ALL	10.3	12.2	7.7	4.7	4.7	2.0	1.1	.9	3.8	6.7	9.3	12.6	6.3	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	2.6	2.4	.2	.2	.2	.0	.1	.0	.0	.5	2.0	2.3	.9	10
	03 - 05	4.1	2.6	1.1	1.1	.5	.1	.0	.3	.1	1.6	2.7	3.0	1.4	10
	06 - 08	5.4	4.7	2.6	1.6	.5	.1	.1	.3	.4	2.3	3.4	3.9	2.1	10
	09 - 11	2.8	3.1	1.2	.0	.0	.0	.0	.0	.2	.2	1.8	3.0	1.0	10
	12 - 14	1.0	.1	.3	.1	.0	.0	.0	.0	.0	.0	.4	.4	.2	10
	15 - 17	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7	.2	.1	10
	18 - 20	.3	.0	.0	.0	.2	.1	.0	.0	.0	.1	.4	.5	.1	10
	21 - 23	.6	.7	.0	.0	.0	.0	.0	.1	.1	.0	.8	2.0	.4	10
	ALL	2.2	1.7	.7	.4	.2	.0	.0	.1	.1	.6	1.5	1.9	.8	10
HURRICANES/TROPICAL STORMS OBSERVED : 1900 - 1985															
HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN		
60NM	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0		
120NM	0/0	0/0	0/0	0/0	0/0	0/0	0/1	0/1	0/0	0/0	0/0	0/0	0/2		
240NM	0/0	0/0	0/0	0/0	0/0	0/2	0/1	0/2	0/1	0/0	0/0	0/0	0/6		
REMARKS : @															

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