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SURFACE OBSERVATION CLIMATIC SUMMARIES

for

ROBERT GRAY AAF, TEXAS

Prepared by

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

MARCH 1992



93-01062



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- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OI-A, USAFETAC CLIMATIC DATABASE.
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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: OCT 81 - SEP 91 (AIRWAYS).

SUMMARY OF DAY DATA: OCT 50 - AUG 60, JUL 70 - DEC 70, JAN 73 - SEP 91 (FULL TIME).

SUMMARY OF DAY DATA: SEP 60 - JUN 70 (PART 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 OR 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	WEAN	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	STATION NAME	LATITUDE	LONGITUDE	FLD ELEV (FT)	CALL SIGN	WHO NMBR
722576	FT HOOD/ROBERT GRAY AAF, TX	N 31 04	W 097 50	1015	GRK	

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	Gray AFB, Fort Hood, TX	AFB	Sep 50	Apr 53	N 31 04	W 097 49	1025	1027	24
2	Gray AFB, Killeen, TX	Same	Apr 53	Mar 55	Same	Same	Same	1022	24
3	Same	Same	Apr 55	Sep 60	Same	Same	1015	Same	24
4	Same	Same	Oct 60	Mar 61	Same	Same	Same	Same	13
5	Fort Hood/Gray AAF	AAF	Nov 64	Jun 70	Same	W 097 50	Same	Same	15
6	Same	Same	Jul 70	Aug 80	Same	Same	Same	Same	24
7	Ft Hood/Robert Gray AAF, TX	Same	Sep 80	Jan 88	Same	Same	Same	Same	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	Apr 53	Atop control tower	Selsyn	N/A	96 ft	
2	Apr 55	Same	Same	ML-183A	120 ft	
3	Aug 57	1500' E of wea station	AN/GMQ-11	Same	N/A	
4	Nov 64	500' E of ctrln	Same	RO-2	10 ft	
5	Jan 71	450'E, 1700'S of N end of rwy	Same	RO-362	Same	
6	Dec 78	Same	AN/GMQ-20	Same	10 ft	
7	Jan 88	Same	Same	Same	16 ft	

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAAA
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

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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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSM	TOTAL NO. OF OBS
00-02		9.7	1.0	.9		11.5	15.6	.4			27.5	930
03-05	.6	10.6	1.0	1.5		13.1	17.6	.1			30.9	930
06-08	.1	12.7	1.0	1.4		15.1	20.8	.2			36.0	930
09-11	.9	11.6	.8	1.2		13.5	18.9	1.6	.1		34.2	930
12-14	.2	9.7	.2	1.0		10.9	12.8	.6	.3		24.6	930
15-17	.3	7.4	.3	.9		8.6	9.7	.3	.3		18.9	930
18-20		8.4	.4	1.2		10.0	9.9	.1	.3	.2	20.5	930
21-23	.2	8.4	.5	1.6		10.5	12.6	.2	.3	.2	23.9	930
ALL HOURS	.3	9.8	.6	1.2		11.7	14.7	.5	.2	.1	27.1	7440

MONTH: FEB

00-02	.4	11.0	.1	.6		11.7	12.3	.4			24.3	846
03-05	1.8	13.9	.6	.9		15.5	15.8				31.3	846
06-08	.7	12.6	1.1	.6		14.3	24.1	.2			38.7	846
09-11	.9	10.2	.7	1.2		12.1	20.6	.4	.1		33.1	846
12-14	.5	9.1	.4	1.1		10.5	11.2				21.7	846
15-17	.2	7.3	.2	1.3		8.9	10.4	.4		.1	19.7	846
18-20	.2	6.6		.9		7.6	10.0	.4			18.0	846
21-23	.4	9.8		.8	.1	10.8	10.6				21.4	846
ALL HOURS	.6	10.1	.4	.9	.0	11.4	14.4	.2	.0	.0	26.0	6768

A - 2 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: MAR

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	1.3	9.0		.3		9.4	7.2				16.6	930
03-05	1.3	11.6		.5		12.2	10.3			.1	22.6	930
06-08	1.5	10.1	.1	.6		10.9	16.3	.3		.3	27.8	930
09-11	1.3	8.5	.1	.3		8.9	12.2	.2		.3	21.6	930
12-14	.8	7.2		.2		7.4	7.7	.2		.1	15.5	930
15-17	.6	6.5			.1	6.6	5.9	.9		.2	13.5	930
18-20	.9	5.2			.1	5.3	6.0	.5		.8	12.6	930
21-23	1.0	5.8	.1			5.9	5.5	.1		.3	11.8	930
ALL HOURS	1.1	8.0	.0	.3	.0	8.3	8.9	.3		.3	17.8	7440

MONTH: APR

00-02	1.1	5.6				5.6	7.3	.2		.3	13.4	900
03-05	1.9	9.3				9.3	12.2			.3	21.9	900
06-08	1.4	9.3				9.3	21.0	.6		.3	31.2	900
09-11	2.4	9.8				9.8	13.0	1.7		.3	24.8	900
12-14	1.3	7.0				7.0	6.3	1.7		.1	15.1	900
15-17	1.7	4.1				4.1	2.3	1.4		.2	8.1	900
18-20	1.6	4.2				4.2	3.1	.8			8.1	900
21-23	1.1	4.1				4.1	4.8	.4		.2	9.6	900
ALL HOURS	1.6	6.7				6.7	8.8	.8		.2	16.5	7200

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	3.5	6.6				6.6	6.2	.6			13.4	930
03-05	4.5	6.9				6.9	15.9	1.1			23.9	930
06-08	3.3	8.8				8.8	23.8	3.1			35.7	930
09-11	2.2	8.1				8.1	9.2	3.9			21.2	930
12-14	2.9	6.3				6.3	3.9	3.1		.1	13.4	930
15-17	3.4	6.2				6.2	2.6	2.2			11.0	930
18-20	1.9	5.2				5.2	1.8	1.4			8.4	930
21-23	2.9	4.4				4.4	3.5	.8			8.7	930
ALL HOURS	3.1	6.6				6.6	8.4	2.0		.0	17.0	7440

MONTH: JUN

00-02	3.6	6.2				6.2	1.4	.7			8.3	900
03-05	3.9	6.8				6.8	4.4	.6			11.8	900
06-08	1.9	5.8				5.8	8.4	2.2			16.4	900
09-11	.8	4.8				4.8	1.9	.4			7.1	900
12-14	1.8	4.0				4.0	.9	.4			5.3	900
15-17	3.1	4.6				4.6	.4	.2			5.2	900
18-20	3.2	4.1				4.1	.6	.6			5.2	900
21-23	4.8	5.0				5.0	.6	.8			6.3	900
ALL HOURS	2.9	5.2				5.2	2.3	.7			8.2	7200

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	.3	1.8				1.8	1.2	.3			3.3	930
03-05	.6	2.0				2.0	3.8	.3			6.1	930
06-08	.8	2.0				2.0	6.5	1.0			9.5	930
09-11	.3	2.6				2.6	1.9	.9			5.4	930
12-14	1.2	2.7				2.7	1.1	.8			4.5	930
15-17	2.5	3.2				3.2	.5	1.1			4.8	930
18-20	2.2	2.8				2.8	.4	.9			4.1	930
21-23	.2	1.5				1.5	.3	.1			1.9	930
ALL HOURS	1.0	2.3				2.3	2.0	.7			5.0	7440

MONTH: AUG

00-02	.3	1.6				1.6	1.8	.6			4.1	930
03-05	.3	2.2				2.2	2.5	.9			5.5	930
06-08	.4	2.7				2.7	5.9	1.2			9.8	930
09-11	.6	2.3				2.3	1.0	1.4			4.6	930
12-14	1.1	2.6				2.6	.1	1.3			4.0	930
15-17	4.0	4.4				4.4	.3	1.0			5.7	930
18-20	3.8	4.4				4.4	.4	1.5			6.3	930
21-23	.6	1.7				1.7	.4	.8			2.9	930
ALL HOURS	1.4	2.7				2.7	1.6	1.1			5.4	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	.7	2.2				2.2	2.4				4.7	900
03-05	.6	3.2				3.2	5.7	.7			9.6	900
06-08	1.0	3.9				3.9	15.8	1.4			21.1	900
09-11	1.0	4.6				4.6	4.2	1.1		.1	10.0	900
12-14	2.3	4.4				4.4	2.0	.4		.1	7.0	900
15-17	4.4	6.6				6.6	1.0	.4			8.0	900
18-20	3.5	4.8				4.8	1.0	.1			5.9	897
21-23	1.2	3.1				3.1	1.7				4.8	897
ALL HOURS	1.8	4.1				4.1	4.2	.5		.0	8.9	7194

MONTH: OCT

00-02	1.4	7.3				7.3	9.2	.1			16.7	930
03-05	1.5	9.4			.1	9.5	14.3	.4			24.2	930
06-08	1.4	9.9				9.9	22.0	1.3			33.2	930
09-11	1.1	8.8				8.8	11.2	1.0			21.0	930
12-14	.9	8.2				8.2	4.8	.6			13.7	930
15-17	.4	6.5				6.5	4.6	.2			11.3	930
18-20	1.3	6.1				6.1	5.6	.1			11.8	930
21-23	1.2	5.2				5.2	6.9				12.0	930
ALL HOURS	1.1	7.7			.0	7.7	9.8	.5			18.0	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: NOV

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	.9	7.9				7.9	9.9	.1			17.9	900
03-05	.9	8.8				8.8	15.7				24.4	900
06-08	.8	10.1				10.1	21.7	.1			31.9	900
09-11	.1	8.1				8.1	12.3	.7			21.1	900
12-14	.8	5.1				5.1	5.0	.9			11.0	900
15-17	.8	5.8				5.8	4.0	.7			10.4	900
18-20	.4	6.8	.2	.1		7.1	6.2	.6			13.9	900
21-23	.9	5.2	.3	.1		5.7	8.0	.4			14.1	900
ALL HOURS	.7	7.2	.1	.0		7.3	10.3	.4			18.1	7200

MONTH: DEC

00-02	.5	14.0	.6	1.1		15.7	18.0				33.7	930
03-05	.2	14.5	.5	.9		15.9	20.1				36.0	930
06-08	.3	13.7	1.0	.3		14.9	20.3				35.3	930
09-11	.3	11.5	1.1	.4		13.0	18.6	1.3			32.9	930
12-14	.1	10.5	.6	.6		11.8	12.0	.9			24.7	930
15-17	.3	9.4	.2	1.0		10.5	11.6	.3		.1	22.6	930
18-20	.5	11.0	.1	.6		11.7	12.2	.1			24.0	930
21-23	.9	11.4	.5	1.0		12.9	15.2				28.1	930
ALL HOURS	.4	12.0	.6	.7		13.3	16.0	.3		.0	29.7	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 HOURS: ALL

MONTH	TSINS	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	.3	9.8	.6	1.2		11.7	14.7	.5	.2	.1	27.1	7440
FEB	.6	10.1	.4	.9	.0	11.4	14.4	.2	.0	.0	26.0	6768
MAR	1.1	8.0	.0	.3	.0	8.3	8.9	.3		.3	17.8	7440
APR	1.6	6.7				6.7	8.8	.8		.2	16.5	7200
MAY	3.1	6.6				6.6	8.4	2.0		.0	17.0	7440
JUN	2.9	5.2				5.2	2.3	.7			8.2	7200
JUL	1.0	2.3				2.3	2.0	.7			5.0	7440
AUG	1.4	2.7				2.7	1.6	1.1			5.4	7440
SEP	1.8	4.1				4.1	4.2	.5		.0	8.9	7194
OCT	1.1	7.7			.0	7.7	9.8	.5			18.0	7440
NOV	.7	7.2	.1	.0		7.3	10.3	.4			18.1	7200
DEC	.4	12.0	.6	.7		13.3	16.0	.3		.0	29.7	7440
ANNUAL	1.3	6.8	.1	.3	.0	7.3	8.4	.7	.0	.1	16.4	87642

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5010-6009,6809-9109
MONTH: ALL HOURS: ALL

MONTH	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
JAN	3.9	36.0	4.5	4.7	.2	37.5	34.0	2.6	.7		47.3	1013
FEB	6.7	36.9	2.7	4.3	.4	37.9	34.0	4.0	.5	.4	46.8	921
MAR	11.5	36.7	.6	.7	1.2	36.8	29.6	3.5		.2	45.0	1012
APR	17.4	39.2		.1	.9	39.2	33.1	6.7		.3	50.4	980
MAY	24.6	41.6			1.5	41.6	33.8	10.1			55.4	1010
JUN	18.8	30.7			.1	30.7	15.2	4.8			39.1	979
JUL	13.9	22.3			.4	22.3	10.4	3.9			27.6	1015
AUG	15.3	25.3			.1	25.3	11.9	7.3			33.2	1018
SEP	12.1	29.2			.1	29.2	24.9	7.9			42.1	991
OCT	8.1	27.9			.2	27.9	27.7	4.9			40.8	1016
NOV	5.3	31.4	.3	1.7	.3	31.7	29.7	3.3			42.0	977
DEC	3.5	30.1	2.4	1.6	.2	30.5	30.5	2.6		.2	39.5	1011
ANNUAL	11.8	32.2	.9	1.1	.5	32.5	26.2	5.1	.1	.1	42.4	11943

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02		.4	1.3	1.1	3.5	3.6	.3	.3	.7	1.4	.9	.5
03-05	.6	1.8	1.3	1.9	4.5	3.9	.6	.3	.6	1.5	.9	.2
06-08	.1	.7	1.5	1.4	3.3	1.9	.8	.4	1.0	1.4	.8	.3
09-11	.9	.9	1.3	2.4	2.2	.8	.3	.6	1.0	1.1	.1	.3
12-14	.2	.5	.8	1.3	2.9	1.8	1.2	1.1	2.3	.9	.8	.1
15-17	.3	.2	.6	1.7	3.4	3.1	2.5	4.0	4.4	.4	.8	.3
18-20		.2	.9	1.6	1.9	3.2	2.2	3.8	3.5	1.3	.4	.5
21-23	.2	.4	1.0	1.1	2.9	4.8	.2	.6	1.2	1.2	.9	.9
ALL HOURS	.3	.6	1.1	1.6	3.1	2.9	1.0	1.4	1.8	1.1	.7	.4
TOTAL OBS	7440	6768	7440	7200	7440	7200	7440	7440	7194	7440	7200	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 080	081 - 170	171 - 260	261 - 349	NO OF OBS
TSIMS	4.5		54.5	18.2	4.5	18.2	22
LIQUID PRECIP	6.3		52.0	19.3	9.1	13.3	715
FREEZING PRECIP	6.3		62.5	6.3	14.6	10.4	48
FROZEN PRECIP	5.5		61.5			33.0	91
FOG	7.0		44.9	20.4	15.7	11.9	1097
FOG WITH VIS GE 1/2 MILES	5.3		48.8	19.9	13.4	12.5	909
TOTAL OBS	533	0	2142	1291	1906	1565	0 7437

MONTH: FEB HOURS: ALL

TSIMS	2.3		32.6	25.6	27.9	11.6	43
LIQUID PRECIP	4.2		48.9	25.7	9.9	11.3	646
FREEZING PRECIP	11.5		57.7			30.8	26
FROZEN PRECIP			77.4	1.6	3.2	17.7	62
FOG	5.6		45.3	25.3	14.0	9.9	974
FOG WITH VIS GE 1/2 MILES	5.1		46.0	24.8	14.2	9.9	887
TOTAL OBS	525	0	1944	1396	1587	1316	0 6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 080	081 - 170	171 - 260	261 - 349	NO OF OBS
TSIMS	5.0		32.5	17.5	22.5	22.5	80
LIQUID PRECIP	4.5		34.1	40.9	10.9	9.6	533
FREEZING PRECIP			100.0				3
FROZEN PRECIP			77.8			22.2	18
FOG	7.7		26.4	41.4	17.1	7.4	662
FOG WITH VIS GE 1/2 MILES	7.7		27.5	39.4	17.6	7.8	625
TOTAL OBS	471	0	1500	2119	2140	1209	0 7439

MONTH: APR HOURS: ALL

TSIMS	2.7		37.2	31.9	16.8	11.5	113
LIQUID PRECIP	3.9		29.4	46.3	14.7	5.6	408
FREEZING PRECIP							
FROZEN PRECIP							
FOG	4.9		23.3	49.9	18.4	3.5	631
FOG WITH VIS GE 1/2 MILES	4.2		24.4	50.0	17.7	3.7	594
TOTAL OBS	442	0	1434	2641	1720	963	0 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 080	081 - 170	171 - 260	261 - 349	NO OF OBS
TSIMS	3.5		25.2	38.7	18.7	13.9	230
LIQUID PRECIP	2.8		24.9	51.7	13.9	6.6	317
FREEZING PRECIP							
FROZEN PRECIP							
FOG	8.8		11.7	52.4	22.6	4.5	624
FOG WITH VIS GE 1/2 MILES	8.5		11.6	52.8	22.8	4.3	610
TOTAL OBS	447	0	1161	3530	1754	548	7440

MONTH: JUN HOURS: ALL

TSIMS	3.4		32.4	29.0	19.8	15.5	207
LIQUID PRECIP	1.4		28.2	48.2	15.9	6.4	220
FREEZING PRECIP							
FROZEN PRECIP							
FOG	6.0		22.6	49.4	19.0	3.0	168
FOG WITH VIS GE 1/2 MILES	6.1		27.2	50.6	17.1	3.0	164
TOTAL OBS	477	0	1044	3340	2014	325	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 080	081 - 170	171 - 260	261 - 349	NO OF OBS
TSTMS	8.0		24.0	36.0	22.7	9.3	75
LIQUID PRECIP	6.2		14.7	64.3	12.4	2.3	129
FREEZING PRECIP							
FROZEN PRECIP							
FOG	13.0		12.3	53.4	19.9	1.4	146
FOG WITH VIS GE 1/2 MILES	13.0		12.3	53.4	19.9	1.4	146
TOTAL OBS	448	0	581	3060	3121	230	7440

MONTH: AUG HOURS: ALL

TSTMS	1.9		28.8	34.6	22.1	12.5	104
LIQUID PRECIP	6.0		36.4	18.5	24.5	14.6	151
FREEZING PRECIP							
FROZEN PRECIP							
FOG	20.7		25.9	21.6	18.1	13.8	116
FOG WITH VIS GE 1/2 MILES	20.7		25.9	21.6	18.1	13.8	116
TOTAL OBS	551	0	772	2843	2994	280	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 080	081 - 170	171 - 260	261 - 349	NO OF OBS
TSTMS	3.0		22.7	40.2	27.3	6.8	132
LIQUID PRECIP	4.2		50.2	27.4	9.8	8.4	215
FREEZING PRECIP							
FROZEN PRECIP							
FOG	14.1		34.9	26.6	14.5	9.9	304
FOG WITH VIS GE 1/2 MILES	14.0		34.9	26.9	14.3	10.0	301
TOTAL OBS	852	0	1510	2589	1718	525	7194

MONTH: OCT HOURS: ALL

TSTMS	3.5		45.3	16.3	19.8	15.1	86
LIQUID PRECIP	3.0		52.9	30.1	8.5	5.5	505
FREEZING PRECIP							
FROZEN PRECIP							
FOG	13.5		37.4	33.5	11.6	4.0	732
FOG WITH VIS GE 1/2 MILES	13.3		37.0	34.0	12.2	3.5	662
TOTAL OBS	710	0	1703	2449	1972	606	7440

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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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 080	081 - 170	171 - 260	261 - 349	NO OF OBS
TSTMS	2.0		34.0	12.0	14.0	38.0	50
LIQUID PRECIP	5.5		42.3	26.0	10.3	15.9	477
FREEZING PRECIP			100.0				5
FROZEN PRECIP			100.0				2
FOG	10.5		29.5	29.5	23.2	7.2	745
FOG WITH VIS GE 1/2 MILES	8.2		30.9	27.4	25.4	8.2	599
TOTAL OBS	562	0	1523	1634	2310	1171	0 7200

MONTH: DEC HOURS: ALL

TSTMS	6.7		40.0	10.0	13.3	30.0	30
LIQUID PRECIP	6.6		52.3	23.9	7.0	10.1	877
FREEZING PRECIP	6.8		68.2	11.4		13.6	44
FROZEN PRECIP	2.1		70.2	2.1		25.5	47
FOG	10.8		42.1	23.4	12.7	11.1	1190
FOG WITH VIS GE 1/2 MILES	9.0		44.8	21.8	12.4	12.0	1000
TOTAL OBS	731	0	2292	1243	1875	1298	0 7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	350 - 080	081 - 170	171 - 260	261 - 349	NO OF OBS	
TSTMS	3.6		31.1	30.1	20.3	14.8	1172	
LIQUID PRECIP	4.8		43.2	31.5	10.6	9.9	5193	
FREEZING PRECIP	7.1		65.9	6.3	5.6	15.1	126	
FROZEN PRECIP	2.7		69.5	.9	.9	25.9	220	
FOG	9.1		34.1	32.4	16.4	8.0	7389	
FOG WITH VIS GE 1/2 MILES	8.2		34.9	32.4	16.3	8.2	6613	
TOTAL OBS	6749	0	17606	28135	25111	10036	0	87637

A - 5 - 7

PPPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	BBBBBBBBB
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTT	BBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRR	TT	BBBBBBBBB
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	BBBBBBBBB
PP	AAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBB

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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 = 25.39996 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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5010-6009,6809-9109
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	62.1	62.0	62.4	60.5	58.1	69.0	77.8	74.4	69.9	71.6	68.1	69.0	67.1
TRACE	17.0	14.6	14.8	14.7	14.1	12.1	8.4	8.6	8.2	8.5	10.7	12.5	12.0
.01	2.5	2.9	3.1	3.3	2.5	1.2	1.3	1.0	1.4	1.4	2.0	2.6	2.1
.02-.05	5.2	4.1	4.1	5.1	3.6	2.4	2.3	2.6	4.4	3.5	4.0	4.4	3.8
.06-.10	2.5	2.6	3.6	2.7	2.8	.9	1.3	2.5	1.7	2.6	3.2	2.0	2.4
.11-.25	5.2	5.1	4.1	4.0	4.7	3.4	2.4	3.5	5.7	3.1	4.4	4.2	4.1
.26-.50	3.0	3.5	3.7	3.5	4.5	3.3	3.0	2.8	2.7	2.7	3.1	1.5	3.1
.51-1.00	1.8	3.2	3.3	3.5	5.6	4.3	2.2	2.6	3.5	3.2	2.5	2.2	3.1
1.01-2.50	.8	1.7	.8	2.2	3.9	2.7	1.4	1.9	2.1	2.7	1.9	1.7	2.0
2.51-5.00		.2	.2	.6	.3	.6	.2	.4	.4	.8	.1		.3
5.01-10.00										.1			.0
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	20.9	23.4	22.8	24.8	27.8	18.8	13.9	17.1	21.9	19.9	21.2	18.5	20.9
TOTAL NO. OF OBSERVATIONS	1004	918	1006	979	1004	972	1016	1014	981	1010	969	1005	11878

B - 2 - 1

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5010-6009,6809-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50										1.92	.14	TRACE	2.06*
51	.21	1.70	3.41	1.54	5.57	2.59	.01	.54	3.12	.56	.86	.16	20.27
52	.88	2.60	2.93	6.48	5.41	.50	.22	.71	.93	.00	3.82	5.43	29.91
53	.64	1.27	1.95	2.94	8.39	.21	.76	.45	3.16	5.08	.95	2.20	28.00
54	.55	.70	.73	1.47	2.25	.66	.94	1.19	.34	.95	2.66	.04	12.48
55	1.66	3.38	.61	1.07	3.69	5.03	1.43	2.33	2.15	.20	1.04	.16	22.75
56	2.40	1.24	.02	.54	4.09	.05	.13	1.24	TRACE	1.26	2.85	2.58	16.40
57	1.49	2.52	4.12	13.23	5.67	2.77	.97	TRACE	3.74	7.77	2.84	.96	46.08
58	1.38	6.31	1.14	3.38	5.21	5.53	.85	.78	1.93	2.89	1.85	1.42	32.67
59	.31	3.27	.25	2.31	1.20	5.44	1.66	8.40	2.20	8.50	1.80	3.94	39.28
60	1.50	2.28	.88	2.60	1.24	1.51	4.50	3.23	TRACE*				17.74*
68									1.01*	.20*	2.31*	1.33*	4.85*
69	.21*	1.64*	1.73*	6.34*	.49*	.75*	1.46*	3.98*	1.64*	2.57*	.47*	.82*	22.10*
70	.55*	1.19*	2.35*	.90*	4.18*	.01*	.66	.99	4.89	1.16	TRACE	.41	17.29*
71	TRACE	1.70	.21	2.25	2.28	1.41	8.33	4.63	2.06	4.09	1.93	3.29	32.18
72	2.02	.45	.55	2.71	6.05	5.82	3.42	4.11	1.83	5.39	2.27	1.33	35.95
73	3.56	2.65	2.89	2.98	2.53	3.35	4.08	TRACE	6.03	7.59	.52	.21	36.39
74	2.34	.72	1.56	3.41	3.26	2.75	1.74	13.84	3.90	8.22	2.35	2.10	46.19
75	1.48	3.75	1.28	1.66	11.30	1.45	1.95	3.76	2.49	5.48	.83	1.81	37.24
76	.20	.34	2.29	6.69	4.67	4.42	5.68	1.70	4.02	6.93	1.43	1.93	40.30
77	1.30	1.18	2.79	9.54	1.17	2.14	.07	1.60	1.36	2.05	1.81	.35	25.36
78	.92	3.32	1.09	.66	2.21	1.88	1.18	1.73	3.05	1.65	4.44	.22	22.35
79	1.61	2.10	3.10	.90	6.29	2.51	3.83	3.69	1.37	1.28	.77	3.25	30.70
80	1.12	2.24	2.43	3.06	7.70	2.12	TRACE	.01	5.52	.41	2.79	1.28	28.68
81	.81	2.52	3.25	3.06	5.40	11.34	1.51	3.48	2.15	5.72	.78	.42	40.44
82	1.32	1.74	1.71	3.78	4.72	6.08	.29	1.31	1.16	.97	5.62	1.53	30.23
83	1.47	3.82	4.85	.33	5.81	1.27	2.03	4.24	.25	1.84	1.18	.27	27.36
84	1.44	.57	2.24	.52	1.36	4.86	3.56	.60	1.16	8.29	3.31	2.76	30.67
85	1.25	3.47	3.25	2.33	2.51	.79	.47	2.35	2.87	5.73	4.19	3.93	33.14
86	.23	3.54	.11	1.46	4.90	8.21	.20	2.09	6.87	6.80	2.59	4.49	41.49
87	2.02	2.46	1.26	.67	4.96	6.86	.43	1.93	2.55	.25	3.50	3.64	30.53
88	.16	.88	3.07	1.18	2.59	6.35	1.81	.77	1.78	1.53	2.31	1.71	24.14
89	4.59	3.29	3.08	1.08	4.30	4.32	.52	2.34	2.04	2.35	.49	.11	28.51
90	1.99	2.66	3.16	5.38	5.20	.34	4.58	.11	3.88	6.11	2.48	1.07	36.96

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5010-6009,6809-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
91	4.36	1.56	1.22	2.25	5.14	5.34	.87	2.25	5.03				28.02*
LEAST	TRACE	.34	.02	.33	1.17	.05	TRACE	TRACE	TRACE	.00	TRACE	TRACE	12.48
GREATEST	4.59	6.31	4.85	13.23	11.30	11.34	8.33	13.84	6.87	8.50	5.62	5.43	46.19
MEAN	1.46	2.26	1.98	2.95	4.42	3.48	1.83	2.39	2.70	3.64	2.08	1.71	31.26
MEDIAN	1.38	2.28	1.95	2.31	4.72	2.75	1.08	1.72	2.20	2.35	1.93	1.42	30.67
SD	1.123	1.295	1.283	2.805	2.283	2.683	1.958	2.739	1.704	2.891	1.354	1.512	8.186
TOTAL OBS	1004	918	1006	979	1004	972	1016	1014	981	1010	969	1005	11878

THE GREATEST VALUE OF 13.84 OCCURRED ON 08/74

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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5010-6009,6809-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50										1.92	.12	TRACE	1.92*
51	.13	.69	2.92	1.05	2.49	.86	.01	.34	1.40	.16	.59	.06	2.92
52	.69	1.06	1.04	1.89	1.53	.45	.09	.58	.56	.00	1.78	1.72	1.89
53	.38	.28	.63	1.28	4.50	.15	.61	.16	1.31	1.92	.81	1.20	4.50
54	.31	.60	.43	1.10	.96	.27	.57	.78	.22	.48	1.45	.04	1.45
55	.77	1.32	.52	.91	.88	1.19	.47	.84	1.03	.16	.74	.16	1.32
56	1.13	.89	.01	.19	1.86	.04	.11	.85	TRACE	1.07	1.44	1.51	1.86
57	.66	.79	1.90	3.68	1.87	.84	.49	TRACE	2.92	4.37	.49	.54	4.37
58	.37	4.09	.41	1.32	1.73	3.77	.74	.45	.89	.96	1.21	.59	4.09
59	.13	1.16	.20	1.02	.47	1.11	.74	4.33	.91	5.16	.87	1.68	5.16
60	.98	1.42	.68	.98	.59	.63	2.14	1.47	TRACE*				2.14*
68									.59*	.12*	1.02*	1.12*	1.12*
69	.12*	1.31*	.58*	2.38*	.15*	.68*	.79*	1.75*	.58*	1.18*	.25*	.82*	2.38*
70	.22*	.50*	1.00*	.56*	1.37*	.01*	.41	.33	1.77	.66	TRACE	.37	1.77*
71	TRACE	.75	.17	1.58	.50	.72	2.05	1.97	.76	1.53	1.54	.96	2.05
72	.70	.15	.55	1.25	2.66	2.76	2.96	2.70	.57	2.74	.92	1.17	2.96
73	1.19	.62	1.46	.75	.81	1.00	1.41	TRACE	3.25	2.31	.21	.19	3.25
74	.77	.72	.72	1.44	1.33	1.98	.88	4.81	1.67	4.08	1.40	.86	4.81
75	.58	2.17	.28	.82	2.44	.75	1.25	1.78	1.26	2.88	.50	1.49	2.88
76	.20	.22	.74	1.70	1.42	2.62	2.35	1.11	1.34	4.50	.56	.68	4.50
77	.35	.50	1.63	3.90	.46	.95	.07	.93	.73	1.76	1.01	.21	3.90
78	.17	1.21	1.00	.40	.84	.72	1.17	.72	1.45	1.59	2.24	.12	2.24
79	1.04	.88	.61	.22	2.37	1.26	1.83	1.29	.71	.91	.70	1.15	2.37
80	.53	1.29	1.49	1.08	2.36	1.62	TRACE	.01	1.43	.31	1.36	1.08	2.36
81	.74	.95	.79	2.01	3.00	4.08	.79	1.79	1.56	1.32	.53	.18	4.08
82	.71	1.04	.66	1.09	2.10	1.95	.29	.99	.55	.35	2.72	.41	2.72
83	.35	1.49	3.18	.22	1.76	.71	.95	2.06	.10	.90	.37	.17	3.18
84	.96	.19	.80	.46	.69	2.33	3.19	.60	.61	1.84	.98	.72	3.19
85	.72	1.67	1.10	1.07	1.15	.42	.26	1.85	1.04	3.31	.91	2.08	3.31
86	.16	3.35	.08	.66	1.26	2.91	.20	.90	3.08	1.55	1.06	1.56	3.35
87	1.71	.46	.43	.42	1.89	1.70	.40	1.00	1.37	.12	1.23	1.46	1.89
88	.14	.49	.88	.39	.92	3.48	1.15	.38	.78	1.14	1.35	.63	3.48
89	1.16	1.50	2.37	.57	1.66	1.73	.52	1.13	1.72	1.43	.40	.10	2.37
90	.69	1.09	1.62	3.22	1.49	.33	1.23	.10	1.95	3.05	1.46	.52	3.22

B - 2 - 3A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5010-6009,6809-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
91	2.18	.88	.60	.98	2.34	2.17	.55	1.02	2.82				2.82*

GREATEST	2.18	4.09	3.18	3.90	4.50	4.08	3.19	4.81	3.25	5.16	2.72	2.08	5.16
TOTAL OBS	1004	918	1006	979	1004	972	1016	1014	981	1010	969	1005	11878

THE GREATEST VALUE OF 5.16 OCCURRED ON 10/04/59

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

B - 2 - 3B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5010-6009,6809-9109
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	95.3	95.6	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	98.3	98.4	98.9
TRACE	3.3	3.0	.6	.1							.9	1.6	.8
0.1-0.4	.7	.2									.2		.1
0.5-1.4	.2	.9	.1								.4		.1
1.5-2.4	.4	.2									.2		.1
2.5-3.4	.2												.0
3.5-4.4													
4.5-6.4													
6.5-10.4													
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	1.5	1.3	.1								.8		.3
TOTAL NO. OF OBSERVATIONS	1012	919	1012	982	1006	981	1016	1014	983	1010	975	1006	11916

B - 3 - 1

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SLOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5010-6009,6809-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50										.0	.0	.0	.0*
51	1.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.5
52	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6
54	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
55	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0	2.1
56	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
57	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.0	1.8
58	TRACE	3.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.4
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
60	.0	TRACE	.0	.0	.0	.0	.0	.0	.0*				TRACE*
68									.0*	.0*	TRACE*	.0*	TRACE*
69	.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	TRACE*	TRACE*
70	.2*	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.2*
71	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
72	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
73	2.7	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
75	3.9	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	1.3
77	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
78	.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.6
79	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
80	TRACE	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	3.1	.0	3.1
81	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
82	2.0	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
83	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.6
84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	2.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
86	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.2	TRACE	.2
87	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
88	.1	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1
89	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
90	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5010-6009,6809-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
91	TRACE	.0	.0	.0	.0	.0	.0	.0	.0				TRACE*
LEAST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GREATEST	3.9	3.4	1.0	TRACE	.0	.0	.0	.0	.0	.0	3.1	TRACE	5.3
MEAN	.5	.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.2	TRACE	1.3
MEDIAN	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
SD	1.039	.871	.180	.000	.000	.000	.000	.000	.000	.000	.703	.000	1.602
TOTAL OBS	1012	919	1012	982	1006	981	1016	1014	983	1010	975	1006	11916

THE GREATEST VALUE OF 3.9 OCCURRED ON 01/75

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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5010-6009,6809-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50										.0	.0	.0	.0*
51	1.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.0
52	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6
54	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
55	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0	1.5
56	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
57	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0	1.1
58	TRACE	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
60	.0	TRACE	.0	.0	.0	.0	.0	.0	.0*				TRACE*
68									.0*	.0*	TRACE*	.0*	TRACE*
69	.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	TRACE*	TRACE*
70	.2*	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.2*
71	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
72	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
73	2.3	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
75	2.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	1.0
77	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
78	.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.4
79	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
80	TRACE	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	2.2	.0	2.2
81	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
82	2.0	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
83	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5
84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	2.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
86	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.2	TRACE	.2
87	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
88	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
89	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
90	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5010-6009,6809-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
91	TRACE	.0	.0	.0	.0	.0	.0	.0	.0				TRACE*

GREATEST	2.8	2.0	1.0	TRACE	.0	.0	.0	.0	.0	.0	2.2	TRACE	2.8
TOTAL OBS	1012	919	1012	982	1006	981	1016	1014	983	1010	975	1006	11916

THE GREATEST VALUE OF 2.8 OCCURRED ON 01/11/75

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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5010-6103,6401-6612,6809-9109
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	97.8	97.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.5	99.5	99.5
TRACE	1.3	1.7	.3								.3	.5	.3
1	.7	1.0	.1								.1		.2
2	.1	.1									.1		.0
3	.2												.0
4-6													
7-12													
13-24													
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	1.0	1.1	.1								.2		.2
TOTAL NO. OF OBSERVATIONS	1118	1019	1101	1057	1059	1058	1092	1097	1080	1126	1074	1107	12988

B - 4 - 1

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX

PERIOD OF RECORD: 5010-6103,6401-6612,6809-9

109

LST TO UTC: +06														MONTH: ALL HOURS: ALL	
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL		
50										0	0	0	0*		
51	TRACE	1	0	0	0	0	0	0	0	0	0	0	1		
52	0	0	0	0	0	0	0	0	0	0	0	0	0		
53	1	0	0	0	0	0	0	0	0	0	0	0	1		
54	0	0	0	0	0	0	0	0	0	0	0	0	0		
55	0	0	0	0	0	0	0	0	0	0	0	0	0		
56	TRACE	1	0	0	0	0	0	0	0	0	0	0	1		
57	0	0	0	0	0	0	0	0	0	0	1	0	1		
58	0	1	0	0	0	0	0	0	0	0	0	0	1		
59	0	0	0	0	0	0	0	0	0	0	0	0	0		
60	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE		
61	TRACE	TRACE	0*										TRACE*		
64	0*	0*	0*	0*	*	0*	0*	0*	0*	0	0*	0*	0*		
65	0*	1*	0	0*	0*	0*	0*	0*	0	0*	0*	0*	1*		
66	1*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	1*		
68									0*	0*	0*	0*	0*		
69	0*	0*	0*	0*	0*	0*	0*	0*	0*	0	0*	0*	0*		
70	0*	0*	0*	0*	0*	0*	0	0	0	0	0	0	0*		
71	0	0	0	0	0	0	0	0	0	0	0	0	0		
72	0	0	0	0	0	0	0	0	0	0	0	0	0		
73	3	1	0	0	0	0	0	0	0	0	0	0	3		
74	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE		
75	2	1	0	0	0	0	0	0	0	0	0	0	2		
76	0	0	0	0	0	0	0	0	0	0	TRACE	0	TRACE		
77	0	0	0	0	0	0	0	0	0	0	0	0	0		
78	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE		
79	0	0	0	0	0	0	0	0	0	0	0	0	0		
80	0	TRACE	0	0	0	0	0	0	0	0	2	0	2		

B - 4 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5010-6103,6401-6612,6809-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
82	1	0	1	0	0	0	0	0	0	0	0	0	1
83	0	0	0	0	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0	0	0	0	0
85	1	2	0	0	0	0	0	0	0	0	0	0	2
86	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
87	0	0	TRACE	0	0	0	0	0	0	0	0	0	TRACE
88	0	1	0	0	0	0	0	0	0	0	0	0	1
89	0	TRACE	TRACE	0	0	0	0	0	0	0	0	TRACE	TRACE
90	0	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
91	0	0	0	0	0	0	0	0	0				0*

GREATEST	3*	2*	1*	0*	0*	0*	0*	0*	0*	0*	2*	TRACE*	3*
TOTAL OBS	1118	1019	1101	1057	1059	1058	1092	1097	1080	1126	1074	1107	12988

THE GREATEST VALUE OF 3 OCCURRED ON 01/11/73

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

B - 4 - 2B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX

PERIOD OF RECORD: 5010-5206

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
50 - 51	JAN 29	JAN 31	FEB 01	FEB 14	FEB 14	FEB 01
51 - 52	NOV 02			FEB 26		
MEDIAN-DATE	DEC 16	JAN 31	FEB 01	FEB 20	FEB 14	FEB 01

B - 5 - 1

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCCC
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCCC
PP	AA AA	RR RR	TT	CCCCCC

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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5608-6102,6506-6508,6810-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
56								WNW*44	NNE 27	S 32	S 34	S 33	WNW*44
57	N 37	NW 36	W 42	SSE 40	W 35	S 24	W 28	S 28	NNW 49	NW 32	N 35	W 42	NNW 49
58	NNW 41	W 44	W 37	W 37	NNE 36	ENE 30	S 31	SSE 22	SE 30	N 26	WNW 44	SW 30	W 44
59	NNW 36	S 35	WNW 43	SSE 40	S 39	S 40	NE 29	N 42	S 41	NNE 26	NNW 36	WNW 33	WNW 43
60	W 38	WNW 36	W 31	ESE 33	N 35	S 34	SE 32	N 34	E *22	*	*	NNW*36	W *38
61	NNW 35	NE *30											NNW*35
65						SSE*32	NNE*28	E *47					E *47
68										18/*25	18/*33	27/*37	27/*37
69	34/*29	19/*31	24/*38	06/*34	28/*29	16/*45	18/*26	11/*38	31/*28	21/*26	20/*36	21/*24	16/*45
70	35/*30	19/*33	04/*34	32/*33	14/*27	23/*24	16/ 28	27/ 29	18/ 29	30/ 36	20/ 40	28/ 43	28/*43
71	15/ 36	28/ 50	20/ 40	35/ 36	18/ 40	21/ 38	02/ 34	22/ 27	03/ 28	31/ 39	29/ 38	29/ 47	28/ 50
72	22/ 34	20/ 35	05/ 35	17/ 41	32/ 37	01/ 42	09/ 42	15/ 38	35/ 40	29/ 36	31/ 58	35/ 36	31/ 58
73	29/ 41	31/ 36	27/ 39	14/ 56	29/ 41	18/ 36	04/ 28	15/ 31	09/ 38	32/ 38	34/ 42	32/ 41	14/ 56
74	25/ 30	26/ 43	18/ 36	33/ 37	28/ 49	32/ 45	19/ 38	28/ 35	36/ 25	36/ 33	22/ 34	19/ 32	28/ 49
75	35/ 42	32/ 33	16/ 34	17/ 40	22/ 44	12/ 35	06/ 35	11/ 34	19/ 24	22/ 35	17/ 41	18/ 38	22/ 44
76	19/ 37	31/ 36	17/ 50	16/ 48	24/ 32	24/ 37	15/ 29	12/ 31	33/ 47	09/ 38	35/ 36	16/ 35	17/ 50
77	01/ 44	29/ 44	23/ 35	32/ 33	27/ 37	16/ 38	21/ 24	15/ 29	28/ 51	35/ 28	31/ 34	36/ 35	28/ 51
78	32/ 42	33/ 34	24/ 36	17/ 36	21/ 42	21/ 30	33/ 43	18/ 34	16/ 36	34/ 31	22/ 43	31/ 35	33/ 43
79	32/ 47	29/ 34	15/ 35	16/ 34	33/ 31	29/ 29	34/ 34	11/ 30	02/ 26	19/ 34	17/ 30	32/ 31	32/ 47
80	21/ 36	12/ 39	30/ 38	34/ 39	17/ 40	35/ 43	03/ 25	17/ 32	19/ 28	17/ 32	21/ 30	35/ 28	35/ 43
81	18/ 25	33/ 35	27/ 48	18/ 38	28/ 42	15/ 34	12/ 27	34/ 37	04/ 39	22/ 33	31/ 40	31/ 40	27/ 48
82	29/ 40	34/ 30	19/ 29	27/ 30	14/ 40	33/ 41	18/ 24	19/ 25	27/ 36	19/ 28	01/ 28	21/ 32	33/ 41
83	33/ 30	29/ 32	27/ 44	28/ 44	36/ 33	22/ 45	06/ 28	01/ 27	35/ 29	35/ 25	32/ 44	30/ 38	22/ 45
84	35/ 31	33/ 41	31/ 42	30/ 41	13/ 43	18/ 29	36/ 38	10/ 40	17/ 28	18/ 38	30/ 32	29/ 40	13/ 43
85	36/ 41	25/ 48	18/ 41	36/ 29	28/ 28	12/ 32	18/ 33	32/ 37	29/*40	36/ 33	29/ 32	21/ 32	25/*48
86	02/ 29	01/ 31	18/ 34	29/ 36	14/ 32	02/ 42	19/ 29	20/ 25	16/ 31	18/ 36	29/ 30	29/ 30	02/ 42
87	31/ 35	27/ 40	29/ 46	31/ 60	13/*40	34/ 39	21/ 34	05/ 28	30/*28	21/ 30	30/ 38	30/ 35	31/*60
88	17/ 32	18/ 37	36/ 34	30/ 33	12/ 35	35/ 30	16/ 30	25/ 42	15/ 29	36/ 30	31/ 38	17/ 37	25/ 42
89	36/ 32	20/ 34	32/ 41	27/ 40	33/ 61	35/ 34	10/ 26	13/ 25	35/ 30	17/ 37	34/ 38	36/ 34	33/ 61
90	34/ 34	28/ 46	17/ 53	34/ 38	01/ 41	19/ 40	18/ 36	19/ 32	18/ 35	35/ 36	35/ 32	35/ 36	17/ 53

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 5608-6102,6506-6508,6810-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
91	32/ 34	35/ 26	33/ 38	19/ 30	10/ 59	31/ 42	28/ 38	28/ 32	33/ 38				10/*59
GREATEST	32/ 47	28/ 50	17/ 53	31/ 60	33/ 61	16/ 45	33/ 43	E 47	28/ 51	31/ 39	31/ 58	29/ 47	33/ 61
TOTAL OBS	846	755	808	790	802	817	852	861	768	816	784	839	9738

THE PEAK WIND OF 61 FROM 33/ OCCURRED ON 05/13/89

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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5608-6102,6506-6508,6810-9109
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	3.3	20.0	28.6	22.9	15.5	5.9	2.4	1.3	.0	.0	19.9	19.0	846
FEB	.0	2.3	17.1	25.6	26.1	17.4	7.3	2.5	1.7	.1	.0	21.0	20.0	755
MAR	.0	1.6	10.6	20.2	27.2	22.8	11.0	4.7	1.6	.2	.0	23.0	23.0	808
APR	.1	.4	10.9	19.2	32.2	21.3	11.9	2.5	1.3	.3	.0	22.8	22.0	790
MAY	.0	3.6	14.1	25.4	31.7	15.1	6.1	2.2	1.5	.2	.0	20.9	20.0	802
JUN	.0	2.0	17.1	29.7	30.0	12.9	5.9	1.2	1.2	.0	.0	20.2	20.0	817
JUL	.0	1.1	16.2	43.0	27.6	8.8	2.1	.9	.4	.0	.0	18.9	18.0	852
AUG	.1	.9	22.1	41.0	25.9	6.2	2.3	.8	.7	.0	.0	18.4	18.0	861
SEP	.0	2.7	25.7	36.5	23.6	8.3	1.2	1.2	.8	.1	.0	18.1	18.0	768
OCT	.1	5.3	27.5	27.5	24.8	8.6	5.0	1.3	.0	.0	.0	18.2	18.0	816
NOV	.5	5.1	19.6	22.7	25.8	15.3	7.8	1.9	1.1	.1	.0	20.1	20.0	784
DEC	.1	5.4	20.7	23.8	23.8	16.0	7.3	2.0	.8	.0	.0	19.9	19.0	839
ANNUAL	.1	2.8	18.5	28.7	26.8	13.9	6.1	2.0	1.0	.1	.0	20.1	19.0	9738

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: JAN 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	5.7	8.3	4.5	.8	.4							19.7	7.3	6.0
020-040	1.7	1.6	1.6	.4								5.4	7.6	7.0
050-070	.5	.6										1.2	4.5	5.0
(E) 080-100	.5	.8										1.3	4.8	5.0
110-130	.9	.2	.1									1.2	3.8	4.0
140-160	2.8	2.3	1.5	.2	.1							6.9	6.3	5.5
(S) 170-190	9.0	9.5	3.7	1.1								23.2	6.4	6.0
200-220	2.0	4.5	2.4	.1								9.0	7.3	7.0
230-250	.2	.9	1.1									2.2	8.8	9.5
(W) 260-280	.8	1.1	.1									1.9	5.9	6.0
290-310	1.7	1.5	1.0	.1								4.3	6.4	5.5
320-340	5.6	6.3	1.9	.4								14.3	6.1	6.0
VARIABLE														
CALM	////////////////////////////////////											9.5	////////////////////////////////	
TOTALS	31.4	37.6	17.9	3.1	.5							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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: JAN HOURS: 03-05

		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		5.9	9.7	4.7	1.0	.2							21.5	7.3	6.5
020-040		2.2	1.6	1.1	.3								5.2	6.6	6.0
050-070		.4	.3										.8	4.6	4.0
(E) 080-100		.6	.8										1.4	4.5	5.0
110-130		.8	.2	.1									1.1	4.3	3.5
140-160		2.3	1.8	.9	.1								5.1	5.6	5.0
(S) 170-190		6.6	7.3	3.5	.9								18.3	6.8	6.0
200-220		2.9	4.0	2.9	.3	.1							10.2	7.4	7.0
230-250		.2	1.9	1.2	.1								3.4	8.7	8.5
(W) 260-280		1.0	1.8	.8	.2								3.8	7.4	8.0
290-310		1.2	2.5	1.6	.1								5.4	7.8	8.0
320-340		6.9	5.2	1.8	.6								14.5	5.6	5.0
VARIABLE															
CALM		////////////////////////////////////											9.5	////////////////////////////////	
TOTALS		31.0	37.1	18.6	3.6	.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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	5.7	7.5	5.5	1.2	.1							20.0	7.4	7.0
020-040	2.2	2.3	1.6	.2	.2							6.5	7.3	6.0
050-070	.6	.8										1.4	3.9	5.0
(E) 080-100	.4	.5										1.0	4.7	5.0
110-130	.2	.4										.6	4.8	5.5
140-160	2.6	2.0	1.1									5.7	5.9	5.0
(S) 170-190	6.5	8.0	2.2	.6	.1							17.3	6.4	6.0
200-220	2.3	2.8	2.2	.6								7.8	7.8	8.0
230-250	1.0	1.1	1.0	.2								3.2	7.3	7.5
(W) 260-280	1.0	2.2	1.5	.1								4.7	8.0	8.0
290-310	1.2	3.0	1.9	.5								6.7	8.0	7.0
320-340	7.6	4.5	1.7	.8								14.6	5.5	4.0
VARIABLE														
CALM	////////////////////////////////////											10.4	////////	
TOTALS	31.3	35.1	18.7	4.2	.4							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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: JAN 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	3.9	7.7	5.8	2.7		.1						20.2	8.8	8.0
020-040	2.8	3.1	1.5	.6	.1							8.2	7.0	7.0
050-070	1.3	1.4	.3	.2								3.2	5.7	5.0
(E) 080-100	.6	.8										1.4	4.6	5.0
110-130	1.1	1.2	.1									2.4	4.6	5.5
140-160	1.3	2.4	1.5	.3								5.5	7.8	7.0
(S) 170-190	3.7	7.0	3.4	1.9								16.0	8.2	8.0
200-220	1.8	3.9	3.1	1.0	.4							10.2	9.1	9.0
230-250	.8	1.7	1.0	.3								3.8	8.4	8.0
(W) 260-280	1.1	1.3	2.2	.3								4.8	8.8	10.0
290-310	1.8	2.5	1.8	.8	.1							7.0	8.3	8.0
320-340	2.9	4.7	3.7	1.0	.3							12.6	8.4	8.0
VARIABLE														
CALM	////////////////////////////////////											4.7	////////////////////////////////	
TOTALS	23.1	37.7	24.4	9.1	.9	.1						100.0	7.8	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	2.5	5.4	5.5	2.8	.1							16.2	9.4	10.0
020-040	3.3	3.8	1.3	.4								8.8	6.5	5.5
050-070	2.0	1.6	.4	.1								4.2	5.2	5.0
(E) 080-100	1.4	.5	.2									2.2	4.1	3.0
110-130	1.6	1.7	.1									3.4	5.0	5.0
140-160	2.6	1.5	2.0	.5	.1							6.8	7.5	7.0
(S) 170-190	2.3	3.3	4.9	3.4	.1							14.1	10.4	11.0
200-220	1.6	3.0	4.1	2.4	.4							11.5	10.7	10.0
230-250	.9	2.9	1.3	.2								5.3	8.0	8.0
(W) 260-280	1.0	2.3	1.7	.2								5.2	8.2	8.0
290-310	1.8	2.8	2.2	.4	.4	.1						7.7	8.8	8.0
320-340	1.3	5.5	3.2	1.8	.2							12.0	9.4	9.0
VARIABLE														
CALM	////////////////////											2.6	////////	
TOTALS	22.3	34.3	26.9	12.2	1.3	.1						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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	3.2	8.1	6.0	1.0	.1							18.4	8.4	8.0
020-040	2.9	3.7	2.3	.4								9.2	7.3	6.0
050-070	2.4	2.0	.3									4.7	4.9	4.5
(E) 080-100	.9	1.3	.1									2.3	4.7	5.0
110-130	2.0	1.7	.2									4.0	4.8	4.0
140-160	2.3	4.3	1.5	.3								8.4	7.1	7.0
(S) 170-190	2.4	4.8	6.3	1.9	.1							15.6	9.8	10.0
200-220	1.9	3.4	4.0	.6	.1							10.1	8.9	8.5
230-250	.8	2.5	.5									3.8	6.7	7.0
(W) 260-280	1.5	1.6	1.1	.2	.3							4.7	8.3	7.0
290-310	.8	1.6	1.5	.6								4.5	9.2	8.0
320-340	1.6	4.8	3.9	1.4	.2							11.9	9.1	8.0
VARIABLE														
CALM	////////////////////////////////////											2.4	////////////////////////////////	
TOTALS	22.7	39.8	27.7	6.4	.8							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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	5.6	6.9	4.7	.8	.3							18.3	7.5	7.0
020-040	2.2	2.9	1.2									6.2	6.4	7.0
050-070	1.6	.6	.1									2.4	3.5	3.0
(E) 080-100	1.6	2.5	.3									4.4	5.7	5.0
110-130	2.4	1.9	.4									4.7	4.8	4.5
140-160	5.5	4.0	1.7	.5								11.7	5.9	5.0
(S) 170-190	7.8	6.6	3.0	.1								17.5	5.9	6.0
200-220	1.8	2.6	.6									5.1	5.8	5.0
230-250	1.5	1.0	.1									2.6	4.2	4.0
(W) 260-280	1.2	1.0	.1	.3								2.6	6.1	5.5
290-310	2.0	1.1	.4	.3	.1							4.0	6.6	4.0
320-340	4.5	4.2	1.7	.3								10.8	6.3	5.0
VARIABLE														
CALM	////////////////////////////////////											9.8	////////	
TOTALS	37.7	35.3	14.3	2.3	.4							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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: JAN 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	6.9	5.2	1.0	.2	.1						18.7	7.6	7.0
020-040	1.3	3.3	.8									5.4	6.7	7.0
050-070	.6	.4										1.1	4.4	4.0
(E) 080-100	.9	1.0	.1									1.9	5.4	5.0
110-130	1.5	1.2	.1									2.8	4.8	4.0
140-160	5.2	3.1	2.2	.3								10.8	6.0	5.0
(S) 170-190	10.0	9.7	4.1	.3								24.1	6.1	5.0
200-220	2.0	2.0	1.1	.1								5.3	6.7	6.0
230-250	.4	1.5	.6									2.6	7.5	8.0
(W) 260-280	1.0	.9	.1									1.9	4.7	4.0
290-310	1.0	1.5	.9	.4								3.8	8.3	8.0
320-340	5.4	6.0	1.2	.3	.2	.1						13.2	6.3	5.0
VARIABLE														
CALM	////////////////////											8.5	////	////
TOTALS	34.7	37.5	16.4	2.4	.4	.2						100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 MONTH: JAN 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	4.7	7.6	5.2	1.4	.2	.0					19.1	7.9	8.0
020-040	2.3	2.8	1.4	.3	.0						6.9	6.9	6.0
050-070	1.2	1.0	.1	.0							2.4	4.8	4.0
(E) 080-100	.9	1.0	.1								2.0	5.0	5.0
110-130	1.3	1.1	.1								2.5	4.7	4.0
140-160	3.1	2.7	1.5	.3	.0						7.6	6.4	6.0
(S) 170-190	6.0	7.0	3.9	1.3	.0						18.3	7.3	6.0
200-220	2.1	3.3	2.5	.6	.1						8.7	8.3	8.0
230-250	.7	1.7	.8	.1							3.3	7.5	8.0
(W) 260-280	1.0	1.5	.9	.2	.0						3.7	7.6	8.0
290-310	1.4	2.1	1.4	.4	.1	.0					5.4	8.0	7.0
320-340	4.5	5.2	2.4	.8	.1	.0					13.0	7.0	6.0
VARIABLE													
CALM	////////////////////										7.2	////	////
TOTALS	29.2	37.0	20.3	5.4	.5						100.0	6.7	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	3.7	12.6	10.4	1.3								27.9	8.7	8.0
020-040	2.1	6.7	1.8	.5								11.1	7.3	7.0
050-070	1.4	2.6	.6	.3								4.8	6.7	6.0
(E) 080-100	.9	2.8	.3									4.0	6.1	6.0
110-130	.9	.6										1.5	4.7	4.0
140-160	2.0	2.8	3.2	.2								8.1	7.7	8.0
(S) 170-190	3.5	6.5	5.5	1.2								16.7	8.4	8.0
200-220	.6	2.6	1.6	.2								4.9	8.3	9.0
230-250	.3	.6										.9	5.8	5.0
(W) 260-280	.7	.1		.1								.9	5.2	4.0
290-310	.4	1.4	.7	.2								2.7	8.3	7.0
320-340	1.8	5.1	4.2	1.3	.2							12.6	8.9	9.0
VARIABLE														
CALM	////////////////////											4.0	////////	
TOTALS	18.3	44.4	28.3	5.3	.2							100.0	7.7	8.0

TOTAL NUMBER OF OBSERVATIONS 1011

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	3.5	6.7	5.8	.4	.4							16.8	8.1	8.0
020-040	.7	1.9	1.4									4.0	7.8	8.0
050-070	1.2	.7	.1									2.0	4.5	4.0
(E) 080-100	.8	.7	.4	.1								2.0	5.8	5.0
110-130	1.1	1.8	.2	.1								3.2	6.0	5.0
140-160	2.8	3.0	1.9	.1								7.8	6.6	6.0
(S) 170-190	9.6	8.0	4.3	2.0	.1							24.0	6.8	6.0
200-220	2.1	2.7	1.4	.2								6.5	6.6	6.0
230-250	.6	2.0	.9									3.5	8.0	8.0
(W) 260-280	.5	1.2	.9	.1								2.7	8.2	9.0
290-310	2.6	.9	1.3	.1								5.0	6.0	4.0
320-340	3.7	5.1	2.1	.5	.2	.1						11.7	7.3	6.0
VARIABLE														
CALM	////////////////////////////////////											10.8	////////	
TOTALS	29.2	34.7	20.7	3.6	.7	.1						100.0	6.3	6.0

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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: FEB HOURS: 03-05

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	4.0	6.5	6.5	1.4	.1							18.6	8.7	8.0
020-040	.9	1.2	1.2	.2								3.5	7.8	8.0
050-070	.9	1.3	.1									2.4	5.4	5.0
(E) 080-100	.9	.8										1.8	4.1	4.0
110-130	1.7	1.9										3.5	4.6	5.0
140-160	3.1	2.2	1.4	.1								6.9	5.7	5.0
(S) 170-190	7.0	5.0	3.3	.9	.2							16.4	6.8	6.0
200-220	2.5	3.5	2.7	.6								9.3	7.9	8.0
230-250	.6	1.7	1.5	.4								4.1	8.9	9.0
(W) 260-280		1.5	1.1	.2	.1							3.0	10.0	9.0
290-310	1.2	1.9	.8	.2	.1							4.3	7.4	6.0
320-340	4.6	6.1	2.2	.9	.4							14.3	7.3	6.0
VARIABLE														
CALM	////////////////////////////////////											11.9	////////	
TOTALS	27.4	33.6	20.8	4.9	.9							100.0	6.5	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: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 MONTH: FEB HOURS: 06-08

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	4.4	5.7	5.8	1.5	.2							17.6	8.6	9.0
020-040	1.2	1.7	.8	.1								3.8	6.8	6.5
050-070	1.2	1.8										3.0	5.3	5.0
(E) 080-100	.7	.8	.4									1.9	5.6	6.0
110-130	1.2	1.2										2.4	5.1	5.0
140-160	3.1	3.0	.6	.4								7.0	5.7	5.0
(S) 170-190	8.2	6.6	2.8	.7	.1							18.4	6.2	5.0
200-220	2.1	3.0	1.2	.5	.1							6.9	7.3	7.0
230-250	.4	1.8	.7	.2								3.1	8.6	8.0
(W) 260-280	.5	1.1	1.5	.7	.1							3.9	9.8	10.0
290-310	1.2	1.5	.7	.5								3.9	7.0	6.0
320-340	4.6	6.5	3.9	.5	.4	.1						16.0	7.4	7.0
VARIABLE														
CALM	////////////////////////////////////											12.3	////////////////////////////////	
TOTALS	28.8	34.7	18.4	5.1	.9	.1						100.0	6.3	6.0
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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: FEB 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	2.5	6.7	7.6	2.0	.5							19.3	9.6	10.0
020-040	1.9	3.8	1.9		.1							7.7	7.3	8.0
050-070	1.3	2.4	.2									3.9	5.6	6.0
(E) 080-100	.9	1.1	.5									2.5	5.6	5.0
110-130	1.4	.7	.8									3.0	6.1	5.0
140-160	1.5	5.1	2.0	.6	.1							9.3	7.9	7.0
(S) 170-190	2.5	6.4	5.0	1.2	.1	.1						15.2	8.8	9.0
200-220	.8	3.1	3.1	.9								7.9	9.8	10.0
230-250	.5	1.4	1.8	.1								3.8	8.6	9.5
(W) 260-280	.5	1.5	1.9	.2	.5							4.6	10.9	10.0
290-310	.9	2.2	1.8	.6	.5							6.0	9.6	9.0
320-340	1.8	4.5	4.7	.9	.4							12.3	9.5	9.0
VARIABLE														
CALM	////////////////////////////////////											4.5	////////////////////////////////	
TOTALS	16.5	38.9	31.3	6.5	2.2	.1						100.0	8.4	8.0
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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	2.7	6.9	7.1	2.1	.5							19.3	9.5	10.0
020-040	1.4	4.4	2.0									7.8	7.2	7.0
050-070	1.9	1.7	.5									4.0	5.1	5.0
(E) 080-100	1.1	2.0	.2									3.3	5.3	5.0
110-130	1.8	1.3	.7									3.8	6.1	5.5
140-160	1.3	3.7	2.2	.6								7.8	7.8	7.0
(S) 170-190	1.4	5.2	5.4	3.3	.2							15.6	10.6	10.5
200-220	.8	3.0	3.5	1.3	.1							8.7	10.2	10.0
230-250	1.4	1.8	1.7									4.8	7.2	8.0
(W) 260-280	.5	1.7	1.2	.5	.4	.1						4.3	10.3	9.5
290-310	1.1	1.5	2.5	1.1	.2	.1						6.5	10.8	10.0
320-340	2.0	4.1	4.5	1.5	.1							12.3	9.3	9.5
VARIABLE														
CALM	////////////////////////////////////											1.8	////////////////////////////////	
TOTALS	17.4	37.3	31.5	10.4	1.5	.2						100.0	8.8	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: FEB 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	2.2	8.2	7.3	1.2	.1							19.0	9.1	9.0
020-040	2.2	5.4	2.5									10.2	7.2	8.0
050-070	1.3	2.5	.2									4.0	5.7	6.0
(E) 080-100	1.9	2.2										4.1	4.8	5.0
110-130	1.4	2.0	.7									4.1	5.9	5.0
140-160	2.6	5.3	2.4	.6								10.9	7.5	8.0
(S) 170-190	1.5	5.0	6.4	2.2	.1							15.2	10.2	10.0
200-220	1.2	3.9	2.4	1.1	.1							8.6	9.3	8.0
230-250	.2	.7	.4									1.3	7.1	6.0
(W) 260-280	.6	1.1	1.4	.5	.2	.1						3.9	10.4	11.0
290-310	.7	1.5	2.2	.5	.6							5.6	10.8	11.0
320-340	1.4	3.2	4.6	.7	.6							10.5	10.1	10.0
VARIABLE														
CALM	////////////////////////////////////											2.5	////////////////////////////////	
TOTALS	17.2	41.0	30.5	6.8	1.7	.1						100.0	8.5	8.0
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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: FEB 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	4.0	8.2	4.0	1.1								17.3	7.7	8.0
020-040	2.7	3.8	2.0									8.5	6.8	7.0
050-070	3.1	1.9	.2	.1								5.3	5.0	4.0
(E) 080-100	3.9	2.7	.1									6.7	4.3	4.0
110-130	3.2	3.2	.2									6.6	4.9	5.0
140-160	4.4	5.6	2.5	.5								12.9	6.6	6.0
(S) 170-190	5.4	5.6	4.0	.6								15.6	7.2	7.0
200-220	2.1	1.2	.5									3.8	5.1	4.0
230-250	.2	.2										.5	5.0	5.0
(W) 260-280	.7	.2	.1		.2	.1						1.4	9.5	5.5
290-310	1.7	1.5	.7	.1	.1							4.1	6.8	5.0
320-340	2.7	3.8	2.1	.5								9.1	7.4	7.0
VARIABLE														
CALM	////////////////////////////////////										8.2	////////////////////////////////		
TOTALS	34.1	37.9	16.4	2.9	.3	.1						100.0	6.1	6.0

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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: FEB 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	4.8	6.1	5.0	1.1	.1							17.1	8.0	8.0
020-040	1.3	3.1	1.3	.2								5.9	7.4	7.0
050-070	1.2	.8	.4									2.4	5.4	4.5
(E) 080-100	1.2	1.3										2.5	4.2	5.0
110-130	2.1	2.6	.4									5.1	5.4	6.0
140-160	3.2	3.9	3.1	.6								10.8	7.3	7.0
(S) 170-190	9.8	5.9	4.0	.8	.1							20.7	6.2	5.0
200-220	2.4	3.2	.1									5.7	4.8	5.0
230-250	.6	1.2	.1									1.9	6.2	7.0
(W) 260-280	.5	1.2	.2		.2							2.1	8.1	6.5
290-310	1.8	1.7	.7		.2							4.4	6.5	5.0
320-340	5.6	3.7	1.4	.6	.1							11.3	6.1	5.0
VARIABLE														
CALM	////////////////////////////////////											10.2	////////////////////////////////	
TOTALS	34.5	34.7	16.7	3.3	.7							100.0	5.9	6.0
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: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 MONTH: FEB 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	3.5	6.9	6.1	1.3	.2							18.1	8.7	8.0
020-040	1.6	3.1	1.6	.1	.0							6.4	7.2	7.0
050-070	1.5	1.6	.2	.0								3.4	5.3	5.0
(E) 080-100	1.4	1.5	.2	.0								3.1	4.9	5.0
110-130	1.7	1.8	.4	.0								4.0	5.5	5.0
140-160	2.7	4.0	2.0	.4	.0							9.2	7.0	6.0
(S) 170-190	5.7	6.0	4.4	1.5	.1	.0						17.7	7.7	7.0
200-220	1.8	2.9	1.9	.6	.0							7.2	8.0	8.0
230-250	.6	1.3	.9	.1								2.9	7.9	8.0
(W) 260-280	.5	1.2	1.0	.3	.2	.0						3.2	9.9	9.0
290-310	1.4	1.6	1.3	.4	.2	.0						5.0	8.4	8.0
320-340	3.3	4.6	3.2	.8	.3	.0						12.2	8.0	8.0
VARIABLE														
CALM	////////////////////////////////////											7.8	////////	
TOTALS	25.7	36.5	23.2	5.5	1.0							100.0	7.1	7.0
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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	2.4	10.8	12.8	1.9	.4							28.3	9.6	10.0
020-040	2.1	5.7	4.6	.1								12.5	8.1	8.0
050-070	1.8	2.1	.4									4.3	5.8	5.0
(E) 080-100	1.9	1.9	.1	.1								3.9	4.8	5.0
110-130	3.0	1.7	.2	.1								4.9	4.7	4.0
140-160	2.8	7.8	2.1	.7	.1							13.6	7.3	7.0
(S) 170-190	1.6	6.2	4.5	1.8								14.0	9.3	9.0
200-220	1.1	1.9	1.5	.3								4.8	8.0	8.0
230-250	.2	.4	.1									.7	6.4	6.5
(W) 260-280	.2	.3	.2									.6	8.1	7.0
290-310	.2	.6	.3									1.1	7.3	8.0
320-340	1.1	3.7	3.7	.6	.1							9.3	9.3	9.0
VARIABLE														
CALM	////////////////////////////////////											2.0	////////////////////////////////	
TOTALS	18.4	43.1	30.5	5.6	.6							100.0	8.1	8.0

TOTAL NUMBER OF OBSERVATIONS 1134

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	3.0	5.5	2.2	.4	.2							11.3	7.3	7.0
020-040	1.4	.9	.6	.1								3.0	6.4	5.5
050-070	.2	.3	.1									.6	5.8	6.0
(E) 080-100	1.1	1.0										2.0	4.6	4.0
110-130	.5	1.2										1.7	4.9	5.5
140-160	4.0	2.9	4.7	.6			.1					12.4	8.1	8.0
(S) 170-190	9.9	11.2	9.0	3.2	1.0	.2						34.5	8.4	8.0
200-220	2.0	2.8	1.7	.1								6.7	6.8	7.0
230-250	.9	1.0	.8									2.6	6.9	7.5
(W) 260-280	.5	1.0	.9									2.4	7.8	8.0
290-310	.8	1.3	.5			.1						2.7	8.1	8.0
320-340	4.7	3.4	1.6	1.2		.2						11.2	7.1	5.0
VARIABLE														
CALM	////////////////////////////////////											8.9	////////////////////////////////	
TOTALS	29.0	32.5	22.1	5.6	1.2	.5	.1					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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	4.1	3.3	2.5	.6	.2							10.8	7.3	7.0
020-040	1.6	1.5	1.0									4.1	6.4	5.5
050-070	.9	.2	.2									1.3	5.0	4.0
(E) 080-100	.3	1.4	.1									1.8	6.0	6.0
110-130	.8	.5										1.3	4.6	4.0
140-160	1.9	3.7	2.8	.6	.2							9.2	8.6	8.0
(S) 170-190	9.7	11.1	6.1	2.3	.1		.1					29.4	7.6	7.0
200-220	3.3	4.3	2.6	.8								11.0	7.4	7.0
230-250	.3	2.0	.8									3.1	7.8	8.0
(W) 260-280	.5	.9	.8	.2								2.4	7.6	7.0
290-310	1.1	.9	.6	.2	.1							2.9	7.7	7.0
320-340	5.2	3.7	1.4	1.1	.4							11.7	6.9	5.0
VARIABLE														
CALM	////////////////////////////////////											11.1	////////////////////////////////	
TOTALS	29.7	33.5	18.9	5.8	1.0		.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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	2.9	4.4	2.9	.8	.2							11.2	8.0	8.0
020-040	2.4	1.0	.8	.1								4.2	5.6	4.0
050-070	1.0	.1										1.1	3.2	3.5
(E) 080-100	.9	1.4	.2									2.5	6.2	6.0
110-130	.9	.9	.3									2.0	5.7	6.0
140-160	2.4	4.0	2.2	.2								8.7	7.3	7.0
(S) 170-190	8.4	9.1	7.2	2.0	.2							27.0	7.7	7.0
200-220	2.8	3.4	2.2	.4	.1							8.9	7.6	7.0
230-250	.8	2.4	1.6									4.7	7.9	8.0
(W) 260-280	.9	1.3	.6	.2	.1							3.1	7.9	7.0
290-310	1.0	1.6	1.1	.3	.1							4.1	8.2	8.0
320-340	3.5	3.1	2.2	1.6	.4							10.9	8.4	7.0
VARIABLE														
CALM	////////////////////											11.6	////////	
TOTALS	27.9	32.7	21.3	5.6	1.1							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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: MAR 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	1.4	4.6	2.9	1.3	.2							10.4	9.2	8.0
020-040	.8	3.9	2.0	.5	.1							7.3	8.6	8.0
050-070	1.1	1.6	1.1									3.8	6.3	6.0
(E) 080-100	1.6	1.8	.3									3.8	5.4	5.0
110-130	1.6	1.5	.3	.1								3.5	5.6	5.0
140-160	2.8	2.8	3.2	.8	.2							9.8	8.6	8.0
(S) 170-190	3.2	5.6	10.6	3.7	.6							23.8	10.6	11.0
200-220	1.9	2.4	5.1	1.4	.1							10.9	10.0	10.0
230-250	.8	1.4	1.1	.4	.2							3.9	9.6	8.5
(W) 260-280	.6	1.6	2.6	.5	.1	.3						5.8	10.6	10.0
290-310	.4	1.3	1.6	.9	.1							4.3	10.9	12.0
320-340	1.3	3.2	2.3	2.6	1.2							10.5	11.4	10.5
VARIABLE														
CALM	////////////////////											2.3	////////	
TOTALS	17.5	31.7	33.1	12.2	2.8	.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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	.8	4.3	2.6	1.6	.3							9.6	10.1	9.0
020-040	2.5	4.0	1.9	.1								8.5	6.9	7.0
050-070	.9	2.6	.8									4.2	7.1	7.0
(E) 080-100	2.0	1.1	.2									3.3	4.6	4.0
110-130	1.3	2.9	.2	.1								4.5	6.0	6.0
140-160	2.5	3.9	3.9	1.6	.2							12.0	9.1	8.0
(S) 170-190	1.2	5.8	8.5	5.7	1.4							22.6	12.0	12.0
200-220	1.3	4.4	4.0	.8								10.4	9.3	9.0
230-250	.2	.9	1.2	1.0	.1							3.3	11.5	12.0
(W) 260-280	.3	1.2	2.0	.8	1.0	.1	.1					5.5	13.2	12.0
290-310	.5	1.2	2.3	1.0	.2							5.2	10.8	11.0
320-340	1.2	3.1	3.2	1.4	.9							9.8	10.5	10.0
VARIABLE														
CALM	////////////////////////////////////											1.1	////////	
TOTALS	14.7	35.4	30.8	14.1	4.1	.1	.1					100.0	9.8	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	2.3	4.0	3.2	1.0	.2							10.6	9.0	8.0
020-040	2.9	3.0	1.4	.2								7.5	6.3	6.0
050-070	2.3	2.4	.4	.1								5.2	5.7	5.0
(E) 080-100	2.0	2.4	.1									4.5	4.6	5.0
110-130	1.1	2.2	.9		.1							4.2	7.2	7.0
140-160	1.6	6.7	5.9	2.7	.2							17.1	10.2	10.0
(S) 170-190	.9	4.9	9.1	5.2	.4	.1						20.6	11.7	12.0
200-220	1.0	2.5	2.0	1.1								6.6	9.3	8.0
230-250	.5	1.3	1.2	.5								3.5	9.5	9.0
(W) 260-280	.4	1.0	1.6	1.5	.2							4.7	11.6	12.0
290-310	.5	.8	1.6	.3	.2		.2	.1				3.8	12.3	11.0
320-340	1.8	1.3	4.8	1.4	.8	.1						10.2	11.3	12.0
VARIABLE														
CALM	////////////////////////////////////											1.4	////////	
TOTALS	17.3	32.5	32.2	14.0	2.1	.2	.2	.1				100.0	9.5	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: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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			
(N) 350-010	3.1	4.4	3.1	1.0	.2							11.8	8.1	8.0
020-040	1.8	2.4	1.3									5.5	6.5	6.0
050-070	3.3	1.7	.2									5.3	4.3	4.0
(E) 080-100	1.9	2.6	.2									4.7	5.0	5.0
110-130	2.8	4.0	.9									7.6	5.5	5.0
140-160	4.5	8.8	7.6	1.8	.4							23.2	8.6	8.0
(S) 170-190	4.5	6.1	6.1	.9	.1							17.7	7.8	8.0
200-220	1.2	1.0	.6	.1								2.9	6.3	5.0
230-250	1.2	.5	.4									2.2	5.7	4.0
(W) 260-280	1.2	.8	.3	.1		.1						2.5	6.9	5.0
290-310	.6	1.2	.8	.1	.3							3.0	9.0	8.0
320-340	2.2	2.7	2.3	.4	.3							7.8	8.0	8.0
VARIABLE														
CALM	////////////////////////////////////											5.7	////////	
TOTALS	28.3	36.2	23.8	4.4	1.3	.1						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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: MAR 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	3.8	4.2	2.0	.5	.3							10.9	7.2	6.0
020-040	2.8	1.4	.9	.2								5.3	5.6	4.0
050-070	.9	.3	.2									1.4	4.9	3.0
(E) 080-100	1.2	1.3	.1									2.6	4.8	5.0
110-130	1.4	2.6	.9									4.8	6.0	6.0
140-160	4.6	6.1	7.2	1.8	.4							20.2	8.7	8.5
(S) 170-190	10.4	8.4	5.5	1.8	.5	.3						27.0	7.4	6.0
200-220	2.9	1.6	.5									5.1	4.6	4.0
230-250		.9	.1									1.0	7.4	7.0
(W) 260-280	.4	1.2	.3									1.9	6.4	6.0
290-310	1.4	.6	.8	.6								3.4	7.9	7.0
320-340	4.1	2.5	.4	.5	.3							7.8	6.2	4.0
VARIABLE														
CALM	////////////////////////////////////											8.6	////////////////////////////////	
TOTALS	33.9	31.1	18.9	5.4	1.5	.3						100.0	6.5	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: MAR HOURS: ALL

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	2.7	4.3	2.7	.9	.2							10.8	8.2	8.0
020-040	2.0	2.2	1.2	.2	.0							5.7	6.7	6.0
050-070	1.3	1.2	.4	.0								2.8	5.5	5.0
(E) 080-100	1.4	1.6	.2									3.2	5.1	5.0
110-130	1.3	2.0	.4	.0	.0							3.7	5.9	6.0
140-160	3.0	4.9	4.7	1.3	.2		.0					14.1	8.8	8.0
(S) 170-190	6.0	7.8	7.8	3.1	.6	.1	.0					25.3	9.0	9.0
200-220	2.1	2.8	2.3	.6	.0							7.8	8.1	8.0
230-250	.6	1.3	.9	.2	.0							3.0	8.5	8.0
(W) 260-280	.6	1.1	1.1	.4	.2	.1	.0					3.5	9.9	10.0
290-310	.8	1.1	1.2	.4	.1	.0	.0	.0				3.7	9.6	9.0
320-340	3.0	2.9	2.3	1.3	.5	.0						10.0	8.8	8.0
VARIABLE														
CALM	////////////////////											6.3	////////	
TOTALS	24.8	33.2	25.2	8.4	1.8	.2						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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	1.9	6.2	3.4	.5	.6							12.6	8.7	8.0
020-040	2.8	2.3	.8	.2								6.1	5.7	5.0
050-070	1.7	2.1	.3									4.1	5.5	6.0
(E) 080-100	1.3	3.9	.4									5.5	6.3	7.0
110-130	1.7	2.9	1.1									5.7	6.6	6.0
140-160	2.5	8.0	8.5	1.1	.2							20.3	9.2	9.0
(S) 170-190	2.0	9.6	12.0	3.7	.2							27.6	10.1	10.0
200-220	1.3	2.4	1.1	.2								5.0	7.4	7.0
230-250	.4	.5	.2									1.1	6.2	6.0
(W) 260-280	.2	.1	.1	.1								.5	8.2	7.0
290-310	.3		.2	.2								.7	9.3	12.0
320-340	.7	1.2	2.4	1.3	1.2	.1						6.8	12.7	13.0
VARIABLE														
CALM	////////////////////////////////////											4.1	////////////////////////////////	
TOTALS	16.8	39.2	30.5	7.3	2.2	.1						100.0	8.4	8.0

TOTAL NUMBER OF OBSERVATIONS 1030

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	3.1	2.4	1.3									6.9	5.7	5.5
020-040	1.7	2.6	1.6	.1								5.9	7.0	7.0
050-070	1.2	.7										1.9	4.4	4.0
(E) 080-100	1.4	1.2	.1									2.8	4.7	4.0
110-130	1.2	2.4	.3									4.0	6.1	6.0
140-160	4.3	6.4	3.8	1.1								15.7	7.7	8.0
(S) 170-190	7.1	8.7	13.0	2.7	.2							31.7	9.0	10.0
200-220	1.4	2.7	2.3	.7								7.1	8.7	8.0
230-250	.2	.7	.4									1.3	7.5	7.5
(W) 260-280	.7	.3	.2	.1								1.3	6.3	5.5
290-310	1.7	1.0	.6									3.2	5.1	4.0
320-340	4.3	2.7	.9	.1								8.0	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											10.2	////////	
TOTALS	28.3	31.8	24.5	4.8	.2							100.0	6.7	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: APR HOURS: 03-05

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	3.7	2.0	1.8	.6	.2							8.2	6.7	5.0
020-040	1.1	2.8	1.1									5.0	7.0	7.0
050-070	.6	.4										1.0	3.8	4.0
(E) 080-100	1.3	.2	.1									1.7	3.9	4.0
110-130	1.4	2.0	.4	.1								4.0	6.1	5.5
140-160	4.4	5.7	3.3	.7								14.1	6.9	6.0
(S) 170-190	6.1	12.3	8.2	1.1								27.8	7.7	7.0
200-220	2.1	4.0	3.0	.3								9.4	8.0	8.0
230-250	.6	.8	1.8									3.1	8.4	10.0
(W) 260-280	.4	.8	.8	.1								2.1	8.2	9.0
290-310	1.4	1.3	.3									3.1	5.0	5.0
320-340	4.2	3.1	1.3	.4								9.1	5.7	5.0
VARIABLE														
CALM	////////////////////////////////////											11.3	////////////////////////////////	
TOTALS	27.3	35.4	22.1	3.3	.2							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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: APR HOURS: 06-08

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	3.4	2.2	3.0	.9	.4							10.0	8.1	8.0
020-040	1.3	2.2	1.6	.2								5.3	7.6	8.0
050-070	.4	1.1	.4									2.0	6.8	7.5
(E) 080-100	1.1	1.0	.1									2.2	4.9	4.5
110-130	1.2	3.6	.3									5.1	5.6	6.0
140-160	2.2	7.4	3.4	.7	.1							13.9	8.1	8.0
(S) 170-190	6.3	9.6	6.3	1.4								23.7	7.5	7.0
200-220	1.4	3.6	2.9									7.9	8.1	8.0
230-250	.9	1.8	1.6	.1								4.3	8.2	9.0
(W) 260-280	.2	.4	1.0	.1								1.8	10.1	12.0
290-310	1.3	2.2	.7									4.2	6.2	7.0
320-340	3.4	3.8	1.7	1.0								9.9	7.0	6.0
VARIABLE														
CALM	////////////////////////////////////											9.7	////////////////////////////////	
TOTALS	23.1	38.9	23.0	4.4	.5							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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	1.1	2.3	4.0	2.4	.2							10.1	11.0	12.0
020-040	1.3	3.1	2.4	.4								7.3	8.3	8.0
050-070	2.3	2.8	1.2	.1								6.4	6.4	6.0
(E) 080-100	1.4	1.3	.8									3.6	6.2	5.0
110-130	1.2	3.9	1.6	.1								6.8	7.4	7.0
140-160	1.2	7.1	4.8	.8	.1							14.0	8.9	8.5
(S) 170-190	.7	7.3	10.4	4.1	.2							22.8	11.1	11.0
200-220	1.0	3.7	4.1	1.2	.3							10.3	10.3	10.0
230-250	.4	1.0	.9	.2								2.6	8.6	8.0
(W) 260-280	.4	.9	1.9	.4	.3	.1						4.1	11.2	10.0
290-310	.6	.8	1.1	.6	.3		.1					3.4	11.1	10.0
320-340	.3	2.4	2.7	1.4	.4							7.3	11.2	11.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////	
TOTALS	11.9	36.6	35.9	11.7	1.8	.1	.1					100.0	9.6	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	.4	2.6	3.2	2.1								8.3	11.0	12.0	
020-040	1.0	3.3	3.6	.2	.2							8.3	9.2	9.0	
050-070	1.6	3.1	.6	.1								5.3	6.2	6.0	
(E) 080-100	1.9	3.8	.6	.1								6.3	5.9	6.0	
110-130	1.2	3.8	1.9	.3								7.2	8.0	8.0	
140-160	1.1	5.8	9.0	.7	.1							16.7	9.7	10.0	
(S) 170-190	1.0	5.1	9.3	5.0	.1							20.6	11.5	12.0	
200-220	.2	2.8	3.7	1.4	.1							8.2	11.1	10.0	
230-250	.3	1.4	1.2	.1								3.1	8.4	8.0	
(W) 260-280	.3	1.4	.7	.9	.2							3.6	10.8	9.5	
290-310	.6	.9	1.8	.9	.4							4.6	11.5	11.0	
320-340	.7	1.2	3.2	1.3	.7							7.1	12.1	12.0	
VARIABLE															
CALM	////////////////////////////////////											.7	////////////////////////////////		
TOTALS	10.3	35.2	38.8	13.1	1.8							100.0	9.9	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	3.1	3.8	1.1	.2							9.3	9.8	10.0
020-040	1.3	3.0	1.7	.4	.1							6.6	8.4	8.0
050-070	2.1	3.2	.6									5.9	5.9	6.0
(E) 080-100	.9	2.6	.7	.1								4.2	6.9	7.0
110-130	1.8	4.8	3.6	.1								10.2	7.6	7.5
140-160	1.3	7.0	11.3	2.4								22.1	10.3	10.0
(S) 170-190	.6	3.0	10.1	3.3	.4							17.4	11.7	12.0
200-220	.8	1.7	1.8	.4								4.7	9.5	9.0
230-250	.7	1.0	.4	.1								2.2	7.0	6.0
(W) 260-280	.2	1.7	1.0	.3								3.2	9.1	9.0
290-310	.3	1.3	2.8	.6	.8							5.8	11.8	10.0
320-340	.7	1.9	2.4	1.8	.2	.1						7.1	11.4	11.5
VARIABLE														
CALM	////////////////////											1.2	////////	
TOTALS	11.8	34.3	40.2	10.6	1.7	.1						100.0	9.6	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: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	2.1	3.3	2.8	.6								8.8	8.2	9.0
020-040	1.7	4.0	1.9	.1								7.7	7.4	7.0
050-070	2.1	2.7	.2									5.0	5.4	5.0
(E) 080-100	2.7	3.7	.6									6.9	5.4	5.0
110-130	3.4	6.8	2.2									12.4	6.6	6.0
140-160	2.9	11.6	11.7	1.9	.1							28.1	9.3	9.0
(S) 170-190	1.6	5.1	4.2	.9								11.8	8.6	8.0
200-220	1.4	.8	.6	.1								2.9	5.8	4.5
230-250	.7	.4										1.1	4.8	4.0
(W) 260-280	1.2	.4										1.7	4.3	4.0
290-310	.6	1.6	1.1	.4								3.7	9.2	8.0
320-340	1.9	1.1	1.4	.7	.2							5.3	8.7	8.0
VARIABLE														
CALM	////////////////////////////////////											4.7	////////////////////////////////	
TOTALS	22.3	41.5	26.7	4.7	.3							100.0	7.5	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: APR 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	1.9	3.6	1.4			.1						7.0	6.8	7.0
020-040	1.7	2.3	.8	.2								5.0	6.6	6.0
050-070	1.8	1.1	.1									3.0	4.5	4.0
(E) 080-100	1.7	2.6										4.2	5.1	5.0
110-130	2.6	3.8	.9	.1								7.3	6.1	5.5
140-160	2.2	11.2	7.9	2.6								23.9	9.2	9.0
(S) 170-190	7.0	7.9	6.7	1.8								23.3	7.7	7.0
200-220	1.2	.8	.7									2.7	5.8	6.0
230-250	.2	.6										.8	5.3	5.0
(W) 260-280	.6	.8										1.3	5.4	5.5
290-310	1.2	.7	.3									2.2	4.9	4.0
320-340	6.1	1.9	.9	.1	.1							9.1	4.9	4.0
VARIABLE														
CALM	////////////////////////////////////											10.1	////////////////////////////////	
TOTALS	28.2	37.3	19.7	4.8	.1	.1						100.0	6.4	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: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 MONTH: APR 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	2.1	2.7	2.7	1.0	.1	.0						8.6	8.6	8.0
020-040	1.4	2.9	1.8	.2	.0							6.4	7.8	8.0
050-070	1.5	1.9	.4	.0								3.8	5.7	6.0
(E) 080-100	1.6	2.0	.4	.0								4.0	5.6	5.0
110-130	1.8	3.9	1.4	.1								7.1	6.8	6.5
140-160	2.5	7.8	6.9	1.3	.1							18.6	8.9	9.0
(S) 170-190	3.8	7.4	8.5	2.5	.1							22.4	9.2	10.0
200-220	1.2	2.5	2.4	.5	.1							6.7	8.9	9.0
230-250	.5	1.0	.8	.1								2.3	7.8	8.0
(W) 260-280	.5	.8	.7	.3	.1	.0						2.4	9.0	9.0
290-310	1.0	1.2	1.1	.3	.2		.0					3.8	8.7	8.0
320-340	2.7	2.3	1.8	.9	.2	.0						7.9	8.0	6.0
VARIABLE														
CALM	////////////////////////////////////											6.1	////////////////////////////////	
TOTALS	20.6	36.4	28.9	7.2	.9							100.0	7.8	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	.4	1.8	1.5	.6	.6	.1						5.0	11.1	10.0
020-040	1.2	3.4	1.1									5.7	7.1	8.0
050-070	.7	3.8	.7	.1								5.4	7.5	8.0
(E) 080-100	1.7	2.4	.4	.1								4.6	5.9	6.0
110-130	2.1	5.1	1.2	.1								8.6	6.3	6.0
140-160	3.4	16.3	10.3	1.7								31.7	8.6	9.0
(S) 170-190	1.5	9.5	12.1	1.6								24.7	9.7	10.0
200-220	.7	2.1	2.3	.1								5.3	8.8	9.0
230-250	.4	.4	.1									.9	5.7	7.0
(W) 260-280	.1	.1	.1									.4	7.3	8.0
290-310	.1		.2		.1		.1					.6	15.4	10.0
320-340	.6	1.0	1.3	.2								3.2	8.7	9.5
VARIABLE														
CALM	////////////////////////////////////											4.0	////////////////////////////////	
TOTALS	12.9	45.9	31.3	4.5	.7	.1	.1					100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS 818

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT BLISS TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: MAY 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	2.2	2.0	.9	.1								5.2	5.9	5.0
020-040	1.0	1.4	.4	.1								2.9	6.8	7.0
050-070	1.3	.3	.2	.1								1.9	5.2	3.0
(E) 080-100	1.4	1.1	.1									2.6	5.5	4.0
110-130	2.6	2.9	1.6	.1	.1							7.3	6.6	6.0
140-160	3.9	10.5	7.0	.4								21.8	7.9	8.0
(S) 170-190	9.0	13.2	11.2	2.2	.1	.1						35.8	8.1	8.0
200-220	1.3	2.6	.9	.2								4.9	6.9	6.0
230-250		.4		.1								.5	9.0	8.0
(W) 260-280	.1	.6	.1									.9	6.9	7.5
290-310	.2	.6	.1									1.0	5.9	6.0
320-340	2.5	2.3	.1	.2								5.1	4.7	5.0
VARIABLE														
CALM	////////////////////											10.1	////////	
TOTALS	25.5	37.9	22.6	3.5	.2	.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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	2.4	2.5	1.0	.1								5.9	6.0	6.0
020-040	.5	1.5	.6	.1								2.8	7.3	7.0
050-070	.2	.4	.2									.9	6.9	6.5
(E) 080-100	1.8	1.3	.1	.1								3.3	4.7	4.0
110-130	1.7	2.7	1.4	.1								5.9	6.9	6.0
140-160	3.3	7.8	3.3	.4								14.9	7.2	7.0
(S) 170-190	10.8	13.0	9.1	1.7	.3							34.9	7.4	7.0
200-220	3.5	3.4	.9	.2								8.1	5.8	5.0
230-250	.4	.6	.3									1.4	6.2	6.0
(W) 260-280	.5	.3	.3									1.2	5.7	5.0
290-310	.6	.6	.5									1.8	6.6	8.0
320-340	2.8	2.7	.3	.1	.1							6.0	5.6	5.0
VARIABLE														
CALM	////////////////////////////////////											12.8	////////	
TOTALS	28.5	36.8	18.0	2.8	.4							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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: MAY HOURS: 06-08

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	2.3	3.8	1.8	.2	.1							8.2	7.1	8.0
020-040	1.5	1.8	.9		.1							4.3	6.5	6.0
050-070	.9	.2	.3	.1	.1							1.6	7.3	4.0
(E) 080-100	1.6	1.8	.2									3.7	5.5	5.5
110-130	2.2	4.8	1.1	.1								8.2	6.1	6.0
140-160	3.0	8.0	2.8	.9	.1							14.7	7.7	7.0
(S) 170-190	7.4	11.4	9.6	1.0	.1							29.5	7.7	8.0
200-220	2.5	4.2	1.7	.8								9.1	7.4	7.0
230-250	.8	.6	.1									1.5	4.4	4.5
(W) 260-280	.3	.1	.3									.8	6.6	7.0
290-310	1.3	1.0	.4	.2								2.9	6.4	6.0
320-340	2.3	3.2	1.0	.1								6.6	6.3	6.0
VARIABLE														
CALM	////////////////////////////////////											9.0	////////////////////////////////	
TOTALS	26.1	40.9	20.2	3.4	.5							100.0	6.5	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	1.5	3.2	2.9		.1							7.7	8.0	8.0
020-040	.9	3.3	1.2	.1								5.5	7.4	8.0
050-070	.8	2.3	1.2	.1								4.3	7.2	6.0
(E) 080-100	1.9	2.3	.5		.1							4.8	6.0	5.0
110-130	2.4	5.1	1.5	.2								9.1	6.9	7.0
140-160	2.2	9.2	5.7	1.7	.1							18.9	8.8	8.5
(S) 170-190	2.2	7.0	12.8	4.3	.1							26.3	10.6	10.0
200-220	1.0	3.9	4.1	1.2	.2							10.3	9.9	10.0
230-250	1.4	.4	.8									2.6	6.2	4.0
(W) 260-280	.5	.6	.3	.1								1.6	6.9	6.0
290-310	.4	1.6	.5	.1	.1							2.8	8.2	7.5
320-340	.6	.9	2.4	.2								4.1	9.6	10.0
VARIABLE														
CALM	////////////////////////////////////											1.8	////////	
TOTALS	15.8	39.8	33.9	8.0	.7							100.0	8.6	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: 722576 STATION NAME: ROBERT GRAY AAF/PORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	.6	4.1	1.9									6.7	7.8	7.5
020-040	1.6	2.9	1.1	.3								5.9	7.1	7.0
050-070	1.3	2.0	1.6									4.9	7.3	7.0
(E) 080-100	1.5	2.7	1.8		.1							6.1	7.6	8.0
110-130	1.9	5.1	2.0	.1								9.1	7.1	7.0
140-160	2.5	11.6	8.5	2.0	.2							24.8	9.2	9.0
(S) 170-190	1.6	6.1	10.0	4.5	.3							22.6	11.0	11.0
200-220	.9	2.9	3.8	.8	.1							8.4	9.7	10.0
230-250	.4	.4	.5	.1								1.5	7.6	6.5
(W) 260-280	.6	.4	.5		.1							1.7	7.9	7.0
290-310	.9	.9	.4	.5								2.7	8.5	8.0
320-340	.5	1.6	2.0	.2	.1							4.5	9.1	10.0
VARIABLE														
CALM	////////////////////											1.0	////////	
TOTALS	14.3	40.7	34.1	8.5	.9							100.0	8.9	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	.9	4.1	1.6	.2								6.8	7.7	7.0
020-040	.6	3.8	.9	.2	.1							5.6	7.7	8.0
050-070	1.6	2.7	1.7	.2								6.2	7.5	8.0
(E) 080-100	1.1	3.4	1.3	.2								6.0	7.3	6.0
110-130	1.8	6.6	4.3	.3	.1							13.1	8.2	8.0
140-160	2.5	8.7	15.9	3.0	.4							30.5	10.2	10.0
(S) 170-190	1.4	6.0	7.7	3.0	.1							18.3	10.5	10.0
200-220	.8	1.4	1.4	.1								3.7	8.4	9.0
230-250	.4	.5	.1									1.1	6.2	6.0
(W) 260-280	.1	.8	.5									1.4	8.5	8.0
290-310	.5	1.0	.4	.1	.1							2.2	7.8	7.0
320-340	.4	2.2	1.5	.4								4.5	9.2	8.0
VARIABLE														
CALM	////////////////////////////////////											.6	////////////////////////////////	
TOTALS	12.1	41.2	37.3	7.7	.8							100.0	9.1	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: MAY 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	2.6	3.3	1.3									7.2	6.0	6.0
020-040	1.4	2.4	.9									4.6	6.2	6.0
050-070	2.2	2.4	1.2	.1								5.8	6.6	7.0
(E) 080-100	2.6	4.6	.5	.3								8.1	6.2	6.0
110-130	2.7	11.2	3.4	.3	.1							17.7	7.4	7.0
140-160	3.1	17.5	12.5	2.7	.2							36.0	8.8	8.0
(S) 170-190	1.2	3.8	4.4	.6	.1							10.1	9.2	10.0
200-220	.5	.9	.3									1.7	6.6	6.0
230-250	.1	.3	.2									.6	7.8	7.5
(W) 260-280	.1	.5	.2									.9	7.6	7.0
290-310	.1	.6	.1	.1								1.0	8.0	7.0
320-340	1.1	1.6	.1									2.8	5.8	6.5
VARIABLE														
CALM	////////////////////////////////////											3.4	////////////////////////////////	
TOTALS	17.7	49.1	25.1	4.1	.4							100.0	7.5	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	1.8	2.3	.9	.3								5.3	6.6	6.0
020-040	1.1	1.0	.6									2.7	5.9	5.0
050-070	1.9	1.3	.1		.1							3.4	5.1	4.0
(E) 080-100	2.8	2.3	.5									5.6	5.4	4.5
110-130	2.6	8.4	2.4									13.3	6.8	6.0
140-160	4.9	13.7	12.2	1.5								32.3	8.6	9.0
(S) 170-190	7.3	5.8	5.4	1.1	.3							19.9	7.4	7.0
200-220	2.0	.8	.1	.1								3.0	5.0	4.0
230-250	.3		.1									.4	5.8	4.0
(W) 260-280	.3	.2										.5	4.6	4.0
290-310	.5	.2		.1								.9	4.6	2.5
320-340	2.5	.9				.1						3.4	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											9.2	////////////////////////////////	
TOTALS	28.0	36.9	22.3	3.1	.4	.1						100.0	6.5	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: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 MONTH: MAY 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	1.8	3.2	1.5	.1	.0							6.6	7.0
020-040	1.1	2.3	.8	.1	.0							4.3	6.9
050-070	1.3	1.5	.8	.1	.0							3.6	6.8
(E) 080-100	1.8	2.4	.6	.1	.0							5.0	6.2
110-130	2.2	5.8	2.2	.2	.0							10.5	7.1
140-160	3.2	10.9	8.5	1.6	.1							24.3	8.7
(S) 170-190	5.1	8.3	8.8	2.3	.2	.0						24.7	8.8
200-220	1.6	2.5	1.6	.4	.0							6.2	7.9
230-250	.5	.4	.3	.0								1.2	6.4
(W) 260-280	.3	.5	.3	.0	.0							1.1	7.1
290-310	.6	.8	.3	.1	.0							1.9	7.3
320-340	1.6	1.9	.9	.2	.0	.0						4.6	6.8
VARIABLE													
CALM	////////////////////										6.0	////////	
TOTALS	21.1	40.5	26.6	5.2	.3							100.0	7.5

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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	1.2	4.2	3.6	.7	.1							9.8	8.9	9.0
020-040	.8	3.0	1.5	.3	.1							5.7	8.2	8.0
050-070	.5	.8	.7	.3	.3							2.5	9.5	8.0
(E) 080-100	1.8	2.6	2.0	.3	.3							7.0	8.1	7.0
110-130	3.3	7.8	4.5	.1	.1							15.8	7.5	8.0
140-160	2.5	14.5	7.3	.9	.1							25.3	8.4	8.0
(S) 170-190	1.8	9.1	8.2	1.1								20.2	8.7	9.0
200-220	.8	2.6	.8									4.2	7.1	7.0
230-250	.7	.3	.1									1.1	4.4	3.5
(W) 260-280	.4	.4										.8	5.0	4.5
290-310	.4	.3										.7	4.4	2.0
320-340	.5	.3	1.2	.5		.1						2.6	10.6	11.0
VARIABLE														
CALM	////////////////////											4.4	////////////////	
TOTALS	14.7	45.9	29.9	4.2	1.0	.1						100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 758

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	2.1	2.0	.1	.1								4.3	4.7	5.0
020-040	.8	1.0	.2									2.0	5.3	5.0
050-070	.9	.3	.2									1.4	4.8	4.0
(E) 080-100	.4	.7	.1									1.2	5.5	6.0
110-130	1.6	2.9	.7	.3								5.4	6.8	6.0
140-160	7.4	9.8	5.0	.3	.1							22.7	6.7	6.0
(S) 170-190	13.6	14.4	6.9	.8								35.7	6.4	6.0
200-220	4.0	2.3	.9									7.2	5.2	4.0
230-250	.6	1.1	.2									1.9	6.0	6.0
(W) 260-280	.2	.3	.2									.8	7.1	8.0
290-310	1.4		.1	.1								1.7	3.7	2.0
320-340	3.3	1.1	.3									4.8	4.1	3.0
VARIABLE														
CALM	////////////////////											10.9	////////	
TOTALS	36.3	35.9	14.9	1.6	.1							100.0	5.4	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	1.9	1.9	.4	.2								4.4	5.4	5.0
020-040	1.1	.4	.4	.1								2.1	5.8	4.0
050-070	.6	.7	.1	.1								1.4	6.4	7.0
(E) 080-100	.7	.4	.4									1.6	6.9	7.0
110-130	1.6	1.8	.3									3.7	5.5	6.0
140-160	5.1	5.1	1.9									12.1	5.9	5.0
(S) 170-190	14.3	16.6	7.4	.4								38.8	6.3	6.0
200-220	4.2	6.2	.8									11.2	5.7	6.0
230-250	1.3	1.2	.1									2.7	5.2	4.5
(W) 260-280	.3	.8	.2									1.3	6.7	6.0
290-310	.9	.4	.1			.1						1.6	5.5	4.0
320-340	4.2	1.7	.1									6.0	3.7	3.0
VARIABLE														
CALM	////////////////////////////////////											13.1	////////	
TOTALS	36.2	37.2	12.2	.8		.1						100.0	5.1	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	3.3	3.4	1.1									7.9	5.5	6.0
020-040	1.9	2.7	.8									5.3	6.2	6.0
050-070	1.2	1.1	.3									2.7	5.2	6.0
(E) 080-100	1.6	1.1	.2									2.9	5.2	4.0
110-130	1.6	3.1	.2									4.9	5.4	5.5
140-160	3.6	5.7	1.9	.2								11.3	6.2	6.0
(S) 170-190	9.3	14.2	6.8	.9								31.2	6.9	6.0
200-220	4.2	7.1	3.1									14.4	6.8	7.0
230-250	1.0	2.0	.1									3.1	5.4	5.5
(W) 260-280	.2	.4										.7	5.7	6.0
290-310	.4	.6										1.0	4.7	5.0
320-340	2.8	1.6	.1									4.4	4.2	3.0
VARIABLE														
CALM	////////////////////											10.1	////////	
TOTALS	31.1	43.0	14.6	1.1								100.0	5.6	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	1.0	3.2	1.9									6.1	7.6	8.0
020-040	2.1	2.9	1.0	.1								6.1	6.4	6.0
050-070	1.1	2.3	1.0									4.4	6.9	7.0
(E) 080-100	2.0	2.3	.3									4.7	5.1	5.0
110-130	3.6	4.6	.9									9.0	5.9	6.0
140-160	4.2	7.2	5.1	.6								17.1	7.4	7.0
(S) 170-190	2.6	11.3	12.0	2.0	.1							28.0	9.4	10.0
200-220	2.8	6.4	4.7	.6	.1							14.6	8.3	8.0
230-250	1.1	1.7	1.0									3.8	6.5	6.0
(W) 260-280	.7	.7										1.3	4.6	4.5
290-310	.7	.3										1.0	3.6	4.0
320-340	.9	.6	.3									1.8	5.0	4.5
VARIABLE														
CALM	////////////////////////////////////											2.1	////////////////////////////////	
TOTALS	22.8	43.5	28.2	3.3	.2							100.0	7.5	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: JUN 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				
(W) 350-010	1.1	3.3	2.7									7.1	7.8	8.0
020-040	1.1	2.3	1.4	.2								5.1	7.1	7.0
050-070	1.0	2.7	1.2									4.9	6.9	6.0
(E) 080-100	1.7	3.8	.7									6.1	6.1	6.0
110-130	3.0	5.8	1.8									10.6	6.5	6.0
140-160	4.3	11.9	7.4	1.0								24.7	7.9	8.0
(S) 170-190	2.8	9.2	12.2	1.1	.1							25.4	9.5	10.0
200-220	.8	4.1	3.8	.2								8.9	9.0	9.0
230-250	.7	.3	.3									1.3	6.5	4.5
(W) 260-280	1.1	.1										1.2	3.4	3.0
290-310	.6	.3										.9	4.0	3.0
320-340	.9	1.0	.3									2.2	5.5	5.5
VARIABLE														
CALM	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	19.1	44.8	31.8	2.5	.1							100.0	7.8	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	1.0	2.3	1.8									5.1	7.2	7.0
020-040	1.7	2.1	1.9	.1								5.8	7.5	8.0
050-070	1.4	3.3	1.2	.1								6.1	7.1	7.0
(E) 080-100	1.8	4.9	1.6									8.2	6.8	6.0
110-130	2.8	10.0	4.0	.3	.1							17.2	7.6	8.0
140-160	2.8	12.4	11.4	1.6	.1							28.3	8.9	9.0
(S) 170-190	2.0	7.7	8.2	.7								18.6	9.1	9.0
200-220	.6	2.1	1.9									4.6	8.4	8.0
230-250	.1	.1	.2									.4	9.5	10.0
(W) 260-280	.4	.3		.2								1.0	7.7	7.0
290-310	.8	.1										.9	2.9	2.5
320-340	.4	.8	.6		.1							1.9	8.1	8.0
VARIABLE														
CALM	////////////////////////////////////											1.9	////////	
TOTALS	15.8	46.1	32.8	3.0	.3							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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	1.3	1.7	.7	.3	.2							4.2	7.8	6.5
020-040	2.0	3.2	.9	.2								6.3	6.6	6.0
050-070	1.9	2.7	.6	.1	.1							5.3	6.6	6.0
(E) 080-100	2.4	4.6	1.2									8.2	6.5	6.0
110-130	6.6	12.1	3.7	.2								22.6	6.5	6.0
140-160	6.9	19.1	10.0	.6								36.6	7.5	7.0
(S) 170-190	2.1	5.1	2.7	.2								10.1	7.2	7.0
200-220	.6	.7	.3									1.6	6.1	5.5
230-250	.1	.3	.1	.1								.7	9.3	7.5
(W) 260-280	.1	.1	.1									.3	8.0	8.0
290-310	.1											.1	2.0	2.0
320-340	.4	.4	.1									1.0	5.1	5.0
VARIABLE														
CALM	////////////////////											3.0	////////	
TOTALS	24.5	50.0	20.4	1.7	.3							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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	1.1	.1									3.3	4.2	4.0
020-040	1.0	1.8	.1	.1								3.0	5.6	5.0
050-070	1.9	.6	.2									2.7	4.6	4.0
(E) 080-100	1.9	2.4	.1									4.4	5.1	5.0
110-130	6.2	8.6	1.2		.1							16.1	5.6	5.0
140-160	10.4	16.9	7.2	1.1	.1							35.8	7.0	6.0
(S) 170-190	8.4	5.8	2.8	.2								17.2	5.6	5.0
200-220	1.8	.8	.2	.1								2.9	4.9	4.0
230-250	.2	.2	.3	.1	.1							1.0	10.1	11.0
(W) 260-280	.2	.3										.6	4.4	5.0
290-310	.3	.1										.4	2.8	2.0
320-340	1.1	.6	.3		.2							2.2	6.9	4.5
VARIABLE														
CALM	////////////////////////////////////											10.3	////////	
TOTALS	35.5	39.2	12.5	1.6	.5							100.0	5.4	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: JUN HOURS: ALL

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	1.7	2.4	1.1	.1	.0							5.3	6.4	6.0
020-040	1.5	2.1	.8	.1								4.5	6.5	6.0
050-070	1.3	1.7	.6	.0	.0							3.6	6.4	6.0
(E) 080-100	1.6	2.5	.6									4.7	6.0	6.0
110-130	3.3	6.1	1.6	.1	.0							11.2	6.4	6.0
140-160	5.6	11.0	6.3	.7	.0							23.6	7.4	7.0
(S) 170-190	6.9	10.5	7.4	.8	.0							25.6	7.5	7.0
200-220	2.4	3.7	2.0	.1	.0							8.2	7.1	7.0
230-250	.6	.9	.3	.0	.0							1.9	6.4	6.0
(W) 260-280	.4	.4	.1	.0								.9	5.7	5.0
290-310	.7	.2	.0	.0		.0						.9	4.0	3.0
320-340	1.8	1.0	.3		.0							3.0	4.8	4.0
VARIABLE														
CALM	////////////////////											6.6	////////////////	
TOTALS	27.8	42.5	21.1	1.9								100.0	6.4	6.0

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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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			
(N) 350-010	.6	6.4	2.6		.3							9.8	8.1	7.5
020-040	1.2	2.6	3.2	.3								7.2	8.7	9.0
050-070	.9	1.4	1.7	.6								4.6	9.1	9.0
(E) 080-100	1.4	3.5	2.0									6.9	7.5	8.0
110-130	2.9	9.2	3.5									15.6	6.7	6.0
140-160	4.9	18.5	3.2									26.6	6.4	6.0
(S) 170-190	3.5	11.8	4.0									19.4	7.3	7.0
200-220	.9	2.0	1.2									4.0	7.4	8.0
230-250	.3	.9										1.2	5.5	5.5
(W) 260-280	.3	.3		.3								.9	8.7	5.0
290-310						.3						.3	25.0	25.0
320-340	.3	.3	1.4		.3							2.3	11.5	12.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////////////////////////////	
TOTALS	17.2	56.9	22.8	1.2	.6	.3						100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 346

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	.8	.1										.9	2.8	2.0
020-040		.4	.1									.5	8.0	9.0
050-070	.3											.3	1.3	1.0
(E) 080-100	1.5	.3	.2									2.0	4.4	4.0
110-130	1.7	1.9	.4									4.1	5.6	5.0
140-160	6.7	6.7	1.0	.1								14.4	5.2	5.0
(S) 170-190	16.9	24.3	9.4	1.2								51.7	6.5	6.0
200-220	4.6	7.6	.8	.1								13.1	5.5	5.0
230-250		.5										.5	5.6	6.0
(W) 260-280	.2	.1										.3	4.0	4.0
290-310	.8											.8	2.1	2.0
320-340	1.0	.5										1.5	4.4	3.5
VARIABLE														
CALM	////////////////////////////////////											9.8	////////////////////////////////	
TOTALS	34.5	42.4	11.9	1.4								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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: JUL HOURS: 03-05

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	1.9	.1	.2									2.3	3.2	2.0
020-040	.4	.1	.1									.6	4.8	3.0
050-070	.8	.1										.9	3.8	4.0
(E) 080-100	.3	.1										.4	3.8	3.0
110-130	1.2	1.0	.1									2.3	5.0	4.0
140-160	2.9	3.0	.6									6.6	5.1	5.0
(S) 170-190	19.9	21.2	5.3	.8								47.1	5.7	5.0
200-220	8.8	11.6	1.4									21.8	5.4	6.0
230-250	1.1	.8										1.8	3.9	4.0
(W) 260-280	.1	.1										.2	6.0	6.0
290-310	.3	.3										.6	5.0	4.5
320-340	.9	.8										1.6	3.9	4.0
VARIABLE														
CALM	////////////////////////////////////											13.8	////////	
TOTALS	38.6	39.2	7.7	.8								100.0	4.7	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: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	1.8	.6	.2									2.7	4.2	2.0
020-040	1.0	.5	.1									1.6	4.1	4.0
050-070	.5	.2	.1									.9	4.8	4.0
(E) 080-100	.9	.5	.1									1.5	4.4	3.5
110-130	1.6	1.2										2.8	4.3	4.0
140-160	4.6	3.3	.3	.1								8.4	4.7	4.0
(S) 170-190	13.0	16.7	5.3	.9	.1							35.9	6.3	6.0
200-220	6.2	12.7	5.7	.2								24.8	7.0	7.0
230-250	2.0	2.9	.6									5.6	5.8	6.0
(W) 260-280	.8	.8										1.5	4.6	4.5
290-310	.5	.2										.8	4.0	4.0
320-340	1.8	.9										2.7	3.5	3.0
VARIABLE														
CALM	////////////////////////////////////											10.9	////////	
TOTALS	34.7	40.5	12.4	1.2	.1							100.0	5.3	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: JUL 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	1.3	.3									2.8	5.8	5.5
020-040	1.3	1.3	.2									2.8	5.3	5.0
050-070	1.3	.6	.2									2.2	4.5	4.0
(E) 080-100	2.3	1.5	.8									4.5	5.5	4.5
110-130	2.0	2.3	.3									4.6	5.5	5.0
140-160	3.0	5.3	.9									9.1	6.0	6.0
(S) 170-190	3.1	11.2	11.7	2.5	.2							28.7	9.3	10.0
200-220	1.9	14.1	10.2	1.2	.1							27.5	8.7	9.0
230-250	1.6	4.6	1.2									7.4	6.6	7.0
(W) 260-280	2.6	1.4										4.0	4.4	4.0
290-310	1.2	.8										1.9	4.7	4.0
320-340	1.5	.4	.2									2.2	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											2.3	////////////////////////////////	
TOTALS	23.0	44.8	26.0	3.7	.3							100.0	7.4	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	1.0	1.5	.3									2.8	5.7	5.0
020-040	1.9	2.2	.3	.1								4.5	5.7	5.0
050-070	2.0	2.2	.2									4.4	5.1	5.0
(E) 080-100	2.8	2.9	.8									6.5	5.4	5.0
110-130	4.4	4.9	1.0									10.3	5.6	5.0
140-160	3.8	10.5	4.2	.2								18.7	7.2	7.0
(S) 170-190	4.1	13.3	12.5	1.7	.1							31.7	8.7	8.0
200-220	1.9	5.7	2.8	.5	.1							11.1	7.8	7.0
230-250	1.7	2.0	.5									4.3	5.6	5.5
(W) 260-280	.6	.1	.2									1.0	4.3	4.0
290-310	.2		.1									.3	5.0	4.0
320-340	1.0	1.0	.8		.1							2.8	7.0	5.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	25.4	46.3	23.7	2.5	.3							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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	.8	1.5	.6	.2								3.1	7.8	8.0
020-040	.3	1.8	.9									3.0	7.5	7.5
050-070	1.6	3.1	.4									5.2	6.0	6.0
(E) 080-100	1.9	5.9	.6	.2								8.7	6.3	6.0
110-130	3.9	8.4	3.3	.2								15.8	6.8	6.0
140-160	4.6	14.8	8.6	1.0								29.0	8.0	8.0
(S) 170-190	3.2	10.0	8.8	1.4								23.4	8.7	9.0
200-220	1.0	4.1	1.4	.2								6.7	7.5	7.0
230-250	.2	.4	.3	.1								1.1	7.8	6.5
(W) 260-280	.1		.1									.2	7.0	7.0
290-310	.1	.3										.4	5.8	5.5
320-340	.9	.4	.2	.1	.2							1.8	7.3	5.0
VARIABLE														
CALM	////////////////////////////////////											1.5	////////	
TOTALS	18.6	50.7	25.2	3.4	.2							100.0	7.5	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: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	.4	1.2	.2	.2	.1							2.2	8.1	7.5
020-040	.5	1.4	.6									2.6	6.9	7.0
050-070	1.2	3.1	.2									4.5	6.1	6.0
(E) 080-100	1.7	4.5	.6									6.9	6.1	5.5
110-130	6.7	12.8	1.9									21.4	6.0	6.0
140-160	8.5	20.3	6.6	.5								35.9	6.9	6.0
(S) 170-190	4.1	10.1	4.4	.6								19.2	7.4	7.0
200-220	1.4	1.4	.2	.1								3.1	5.1	5.0
230-250	.3	.1	.1									.5	5.2	4.0
(W) 260-280		.1										.1	7.0	7.0
290-310		.2	.1									.3	7.7	7.0
320-340	.1	.2	.1	.1								.5	7.8	5.0
VARIABLE														
CALM	////////////////////////////////////											2.7	////////////////////////////////	
TOTALS	24.9	55.4	15.0	1.5	.1							100.0	6.5	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	1.7	.5	.1									2.4	3.5	2.0
020-040	.4	.4	.1									1.0	5.6	5.0
050-070	1.0	.2										1.2	3.5	4.0
(E) 080-100	2.3	1.8	.3									4.4	4.7	4.0
110-130	6.7	8.7	.6									16.0	5.2	5.0
140-160	11.3	16.0	3.7									31.0	6.0	6.0
(S) 170-190	16.3	11.0	4.5	.8								32.6	5.7	4.0
200-220	2.6	1.0										3.5	3.6	3.0
230-250	.1		.1									.2	5.5	5.5
(W) 260-280	.2	.1										.3	3.0	2.0
290-310	.3											.3	2.7	3.0
320-340	1.0	.3	.1									1.4	4.2	3.0
VARIABLE														
CALM	////////////////////////////////////											5.7	////////	
TOTALS	43.9	40.0	9.5	.8								100.0	5.2	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: JUL HOURS: ALL

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	1.2	.9	.3	.1	.0							2.4	5.4	4.0
020-040	.7	1.0	.3	.0								2.1	6.0	6.0
050-070	1.1	1.2	.1									2.4	5.3	5.0
(E) 080-100	1.7	2.2	.4	.0								4.4	5.6	5.0
110-130	3.5	5.1	1.0	.0								9.7	5.8	5.0
140-160	5.7	10.0	3.2	.2								19.1	6.5	6.0
(S) 170-190	10.1	14.7	7.7	1.2	.1							33.8	7.1	6.0
200-220	3.6	7.3	2.8	.3	.0							14.0	6.9	6.0
230-250	.9	1.4	.4	.0								2.7	5.9	6.0
(W) 260-280	.6	.3	.0									1.0	4.5	4.0
290-310	.4	.2	.0									.7	4.4	4.0
320-340	1.0	.6	.2	.0	.0							1.8	5.1	4.0
VARIABLE														
CALM	////////////////////											6.0	////////	
TOTALS	30.5	44.9	16.4	1.8	.1							100.0	6.1	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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.

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	1.1											1.1	2.0	2.0
020-040	1.1											1.1	3.0	3.0
050-070	4.5											4.5	3.1	4.0
(E) 080-100	2.3	3.4	1.7									7.3	6.2	5.0
110-130	9.0	14.7	2.3									26.0	5.8	6.0
140-160	10.2	16.9	1.7									28.8	5.5	6.0
(S) 170-190	5.6	8.5	3.4									17.5	6.3	6.0
200-220	1.7	5.1	2.3									9.0	7.9	7.0
230-250														
(W) 260-280														
290-310														
320-340														
VARIABLE														
CALM	////////////////////////////////////											4.5	////////	
TOTALS	35.5	48.6	11.4									100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 177

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	1.2	.9										2.0	4.4	4.0
020-040	.5		.1									.6	3.7	2.0
050-070	1.3		.1									1.4	3.1	2.0
(E) 080-100	1.6	.6										2.3	3.7	4.0
110-130	3.2	3.0										6.2	4.6	4.0
140-160	5.2	6.7	.6									12.5	5.3	5.0
(S) 170-190	17.3	23.5	7.3	.2								48.4	6.1	6.0
200-220	5.2	7.0	1.1									13.2	5.6	6.0
230-250	.6	.5										1.2	5.2	4.0
(W) 260-280	.2											.2	4.0	4.0
290-310	.2											.2	1.5	1.5
320-340	1.4	.5										1.9	3.9	4.0
VARIABLE														
CALM	////////////////////////////////////											9.8	////////////////////////////////	
TOTALS	37.9	42.7	9.2	.2								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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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			
(N) 350-010	1.5	.6										2.2	3.8	4.0
020-040	.3	.3										.6	4.5	4.5
050-070	1.0											1.0	2.6	2.0
(E) 080-100	.4	.4										.9	4.9	4.5
110-130	1.1	.4										1.5	3.4	3.5
140-160	4.2	1.4										5.6	3.3	3.0
(S) 170-190	17.8	19.4	3.0									40.2	5.2	5.0
200-220	9.2	13.8	2.3									25.3	5.8	6.0
230-250	1.3	2.4	.1									3.8	5.5	6.0
(W) 260-280	.1	.4										.5	5.8	5.0
290-310	.6	.1										.8	2.3	1.0
320-340	1.3	.8										2.0	3.6	4.0
VARIABLE														
CALM	////////////////////////////////////											15.7	////////	
TOTALS	38.8	40.0	5.4									100.0	4.3	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	2.2	1.1	.2									3.4	4.0	3.0
020-040	.8	1.0										1.7	5.3	5.5
050-070	.8	.6										1.4	4.2	4.0
(E) 080-100	.5	.5										1.1	4.2	4.5
110-130	1.3	.4										1.7	3.3	3.5
140-160	4.3	1.6										5.9	3.6	4.0
(S) 170-190	16.5	16.3	3.3	.1								36.2	5.3	5.0
200-220	5.8	12.2	2.8	.3								21.1	6.4	6.0
230-250	1.2	3.2	.8									5.2	6.1	6.0
(W) 260-280	.3	.9										1.2	5.5	6.0
290-310	.4	.3										.8	4.6	4.0
320-340	3.4	.6										4.1	3.0	3.0
VARIABLE														
CALM	////////////////////////////////////											16.2	////////////////////////////////	
TOTALS	37.5	38.7	7.1	.4								100.0	4.4	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: AUG 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	1.3	1.8	.8									3.9	6.1	6.0
020-040	2.5	1.9	.5									4.9	5.1	4.5
050-070	2.4	.9	.1									3.3	3.8	3.0
(E) 080-100	2.3	1.2										3.4	3.8	4.0
110-130	2.5	1.6	.1									4.2	4.7	4.0
140-160	3.5	3.9	.4									7.8	5.5	5.0
(S) 170-190	4.6	11.1	7.8	.4								24.0	7.6	8.0
200-220	3.4	13.5	10.4	1.2								28.6	8.6	8.5
230-250	2.6	4.8	1.1									8.5	6.1	6.0
(W) 260-280	.8	3.3	.3									4.4	6.2	6.0
290-310	1.3	.4	.1									1.8	4.1	3.0
320-340	1.3	.5										1.8	3.9	4.0
VARIABLE														
CALM	////////////////////////////////////											3.2	////////	
TOTALS	28.5	44.9	21.6	1.6								100.0	6.6	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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			
(W) 350-010	1.2	1.3	.9									3.3	6.4	6.0
020-040	1.5	2.6	.6	.1								4.8	6.3	6.0
050-070	3.0	3.2	.4									6.7	5.1	5.0
(E) 080-100	4.3	4.6	.1									9.0	4.8	5.0
110-130	4.1	5.6	.5									10.2	5.1	5.0
140-160	4.4	8.5	3.4									16.3	6.6	6.0
(S) 170-190	5.8	10.5	7.0	.5								23.9	7.4	8.0
200-220	4.1	6.7	4.9	.2								15.9	7.2	7.0
230-250	1.5	1.7	.1	.1								3.4	5.3	5.0
(W) 260-280	.6	.3										1.0	4.3	4.0
290-310	.3	.3	.1									.8	5.3	5.0
320-340	.6	1.7	.4									2.8	6.2	6.0
VARIABLE														
CALM	////////////////////////////////////											1.8	////////////////////////////////	
TOTALS	31.4	47.0	18.4	.9								100.0	6.3	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: AUG 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
(W) 350-010	.8	2.3	.6	.1								3.8	7.1	7.0
020-040	.2	2.9	1.1	.4								4.6	8.6	8.0
050-070	1.5	4.2	.8									6.5	6.5	6.0
(E) 080-100	4.2	7.3	.6		.1							12.3	5.7	6.0
110-130	4.0	9.8	2.2		.1							16.0	6.3	6.0
140-160	5.7	12.9	6.0									24.6	7.1	7.0
(S) 170-190	3.5	8.9	5.9	1.0								19.4	8.0	8.0
200-220	1.7	3.8	1.7	.1								7.3	7.6	8.0
230-250	.2	.9	.1	.1								1.3	7.1	6.5
(W) 260-280	.5		.1									.6	3.7	2.5
290-310	.4	.3	.1									.9	5.1	4.5
320-340	.2	.9	.5			.1						1.7	8.8	7.5
VARIABLE														
CALM	////////////////////////////////////											1.1	////////	
TOTALS	22.9	54.2	19.7	1.7	.2	.1						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: 722576

STATION NAME: ROBERT GRAY AAP/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: AUG 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	1.4	1.5	.4	.1								3.4	6.2	5.0
020-040	1.2	2.0	.9	.1								4.2	6.6	6.0
050-070	.8	2.0	.5	.1								3.4	6.9	6.5
(E) 080-100	3.7	6.5	1.3		.1							11.5	6.1	6.0
110-130	9.5	10.0	2.0									21.5	5.5	5.0
140-160	9.1	17.2	5.1	.3								31.7	6.4	6.0
(S) 170-190	3.9	7.0	2.7	.3								13.9	6.8	7.0
200-220	1.9	1.5	.2		.1							3.8	5.1	4.0
230-250	.9	.3										1.2	3.8	3.0
(W) 260-280	.3	.3	.2									.9	6.8	7.0
290-310	.1	.3										.4	5.0	5.0
320-340	.6	.5	.2	.2								1.6	6.7	5.0
VARIABLE														
CALM	////////////////////////////////////											2.5	////////////////////////////////	
TOTALS	33.4	49.1	13.5	1.1	.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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	2.0	.9										2.9	3.8	4.0
020-040	.2	1.0	.2									1.4	6.5	6.0
050-070	.9	1.1	.1									2.0	4.7	5.0
(E) 080-100	2.5	3.3										5.8	4.9	5.0
110-130	5.7	8.3	.6									14.6	5.4	5.0
140-160	10.2	15.5	2.7									28.4	5.8	6.0
(S) 170-190	14.2	10.1	4.2	.1								28.6	5.4	5.0
200-220	2.4	1.1	.1									3.5	4.2	3.0
230-250	.5	.4										1.0	4.1	4.0
(W) 260-280		.1										.1	9.0	9.0
290-310	.4	.1	.2									.8	5.7	4.0
320-340	1.6	.1	.2									1.9	3.9	3.0
VARIABLE														
CALM	////////////////////////////////////											8.9	////////	
TOTALS	40.6	42.0	8.3	.1								100.0	4.9	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: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 MONTH: AUG HOURS: ALL

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	1.4	1.3	.4	.0								3.1	5.4	5.0
020-040	.9	1.5	.4	.1								2.9	6.4	6.0
050-070	1.4	1.5	.3	.0								3.2	5.2	5.0
(E) 080-100	2.4	3.1	.3		.0							5.8	5.2	5.0
110-130	3.9	4.9	.7		.0							9.5	5.4	5.0
140-160	5.8	8.5	2.3	.0								16.6	6.0	6.0
(S) 170-190	10.5	13.4	5.2	.3								29.3	6.2	6.0
200-220	4.2	7.4	2.9	.2	.0							14.8	6.8	6.0
230-250	1.1	1.8	.3	.0								3.2	5.7	6.0
(W) 260-280	.4	.7	.1									1.1	5.7	6.0
290-310	.5	.2	.1									.8	4.4	4.0
320-340	1.3	.7	.2	.0		.0						2.2	4.7	4.0
VARIABLE														
CALM	////////////////////											7.4	////////	
TOTALS	33.8	45.0	13.2	.6								100.0	5.6	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	4.0	11.9	1.0									16.8	5.9	6.0
020-040	3.0	10.9	2.0									15.8	6.8	7.5
050-070	1.0	6.9	1.0									8.9	7.4	7.0
(E) 080-100	2.0											2.0	1.5	1.5
110-130	3.0	2.0										5.0	4.2	4.0
140-160	6.9	3.0										9.9	4.1	4.0
(S) 170-190	3.0	5.9	3.0									11.9	6.2	6.0
200-220	2.0	3.0	2.0									6.9	7.0	9.0
230-250		1.0										1.0	6.0	6.0
(W) 260-280		1.0										1.0	5.0	5.0
290-310														
320-340	7.9	4.0				1.0						12.9	5.4	3.0
VARIABLE														
CALM	////////////////////////////////////											7.9	////////////////////////////////	
TOTALS	32.8	49.6	9.0			1.0						100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 101

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576 STATION NAME: ROBERT GRAY AAF/PORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 MONTH: SEP 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	2.9	3.7	.7	.3								7.6	6.2	5.0
020-040	.7	1.2	.2									2.1	5.8	6.0
050-070	.7	.1										.8	2.7	2.0
(E) 080-100	1.1	1.0	.1									2.2	4.8	4.5
110-130	3.1	1.2										4.3	3.7	4.0
140-160	7.2	7.3	1.7									16.2	5.5	5.0
(S) 170-190	12.3	13.4	6.1	.1								32.0	6.1	6.0
200-220	2.4	2.1	.2									4.8	4.5	4.0
230-250	.3	.3	.1									.8	5.7	6.0
(W) 260-280	.1											.1	2.0	2.0
290-310	1.8	.1										1.9	2.4	2.0
320-340	6.1	1.4	.3									7.9	3.7	3.0
VARIABLE														
CALM	////////////////////////////////////											19.3	////////	
TOTALS	38.7	31.8	9.4	.4								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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	4.0	3.4	1.1	.2								8.8	5.7	5.0
020-040	.9	1.0										1.9	4.8	5.0
050-070	.3	.1										.4	3.3	3.5
(E) 080-100	.6	.4										1.0	4.2	4.0
110-130	1.7	.7										2.3	3.4	3.0
140-160	5.8	3.9	.6									10.2	4.5	4.0
(S) 170-190	16.4	13.4	2.6									32.4	5.1	4.0
200-220	4.6	3.3	1.3	.1								9.3	5.4	5.0
230-250	.9	.8	.4									2.1	6.1	6.0
(W) 260-280	.2	.2										.4	5.3	4.5
290-310	1.4	.1										1.6	3.1	3.0
320-340	5.9	1.8	.2									7.9	3.6	3.0
VARIABLE														
CALM	////////////////////////////////////											21.6	////////	
TOTALS	42.7	29.1	6.2	.3								100.0	3.8	4.0

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: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	6.6	3.8	.9	.4	.2							11.9	5.6	4.0
020-040	1.8	1.4	.1	.2								3.6	5.4	4.5
050-070	.9	.8	.1									1.8	5.6	4.5
(E) 080-100	.3	.8										1.1	4.7	5.0
110-130	1.4	1.6	.3									3.3	5.2	5.0
140-160	4.7	3.7	.1									8.4	4.3	4.0
(S) 170-190	15.2	9.2	2.7									27.1	4.9	4.0
200-220	3.3	3.4	1.7	.1								8.6	6.0	5.0
230-250	1.4	.9	.1									2.4	4.5	4.0
(W) 260-280	.3	.1	.2									.7	6.3	6.5
290-310	1.0	.4	.2									1.7	4.9	4.0
320-340	6.6	1.7	.4									8.7	3.8	3.0
VARIABLE														
CALM	////////////////////////////////////											20.8	////////	
TOTALS	43.5	27.8	6.8	.7	.2							100.0	3.9	4.0

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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	2.4	5.0	2.2	.4	.3							10.4	7.7	7.0
020-040	2.9	3.7	1.8	.2	.1							8.7	6.6	6.0
050-070	2.7	2.2	.2									5.1	4.7	4.0
(E) 080-100	3.0	1.9	.3									5.2	4.4	4.0
110-130	2.9	3.2	.7									6.8	5.0	5.0
140-160	3.7	6.0	1.9									11.6	6.2	6.0
(S) 170-190	3.4	11.1	8.3	.7	.2							23.8	8.5	8.0
200-220	2.1	6.4	4.1	.4								13.1	8.0	8.0
230-250	1.7	.9	1.0	.1								3.7	6.8	6.0
(W) 260-280	1.0	.4	.2									1.7	5.1	4.0
290-310	.7	.4	.2									1.3	5.7	4.5
320-340	1.6	1.6	1.1	.1								4.3	6.5	5.0
VARIABLE														
CALM	////////////////////////////////////											4.3	////////////////////////////////	
TOTALS	28.1	42.8	22.0	1.9	.6							100.0	6.7	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	1.3	3.3	3.3	.6								8.6	8.8	8.0
020-040	3.2	4.9	3.1	.3	.1							11.7	7.2	7.0
050-070	3.1	4.1	.8									8.0	5.5	5.0
(E) 080-100	2.7	4.7	1.0									8.3	6.1	6.0
110-130	3.9	4.2	1.1									9.2	5.3	5.0
140-160	4.3	7.4	2.7	.4								14.9	6.7	6.0
(S) 170-190	2.9	10.1	5.7	1.3								20.0	8.5	8.0
200-220	1.3	2.6	3.2	.9								8.0	9.2	10.0
230-250	.6	.9	.6									2.0	6.6	6.5
(W) 260-280	.4	.2	.1									.8	4.0	2.0
290-310	1.0	.7	.2									1.9	5.1	4.0
320-340	1.4	1.6	1.1	.2								4.3	7.1	6.0
VARIABLE														
CALM	////////////////////////////////////											2.3	////////	
TOTALS	26.1	44.7	22.9	3.7	.1							100.0	7.0	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: SEP 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	1.9	3.9	4.2	.3	.2							10.6	8.8	9.0
020-040	2.4	5.6	2.3	.4								10.8	7.4	7.0
050-070	1.2	4.6	.8	.1								6.7	6.7	7.0
(E) 080-100	3.4	5.8	.4	.2								9.9	5.8	5.0
110-130	3.9	7.4	2.1	.2								13.7	6.3	6.0
140-160	4.2	10.9	3.3	.1								18.6	6.8	7.0
(S) 170-190	2.9	7.4	6.3	.9								17.6	8.4	8.0
200-220	.7	1.8	.9	.1								3.4	7.4	7.0
230-250	.4	.3	.2		.1							1.1	7.1	5.5
(W) 260-280	.3	.1										.4	4.0	3.5
290-310	.6	.3	.1									1.0	5.1	4.0
320-340	.9	1.2	.6	.2								2.9	6.8	5.5
VARIABLE														
CALM	////////////////////////////////////											3.4	////////////////////////////////	
TOTALS	22.8	49.3	21.2	2.5	.3							100.0	6.9	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: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	3.8	4.1	.9	.8								9.6	6.4	5.0
020-040	2.3	2.2	1.0	.3								5.9	6.7	6.0
050-070	3.8	3.1										6.9	4.5	4.0
(E) 080-100	4.7	4.3	.2									9.3	4.7	4.0
110-130	9.1	9.4	1.7									20.2	5.1	5.0
140-160	9.1	13.0	2.6	.1								24.9	5.7	5.0
(S) 170-190	4.8	4.0	1.2	.1								10.1	5.6	5.0
200-220	.9	.4	.3	.1								1.8	5.8	4.5
230-250	.4	.2	.1									.8	3.9	3.0
(W) 260-280	.1	.2										.3	4.0	5.0
290-310	.2	.1										.3	3.7	2.0
320-340	1.2	.4	.7									2.3	6.0	4.0
VARIABLE														
CALM	////////////////////////////////////											7.6	////////	
TOTALS	40.4	41.4	8.7	1.4								100.0	5.1	5.0
TOTAL NUMBER OF OBSERVATIONS 897														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: SEP 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	4.0	2.6	1.6	.1								8.2	5.4	5.0
020-040	1.9	1.1	.7									3.7	5.2	4.0
050-070	2.1	.7		.1								2.9	3.9	3.0
(E) 080-100	3.2	3.2		.1								6.6	4.6	5.0
110-130	5.2	4.9	.3									10.5	4.8	4.5
140-160	8.6	12.0	3.8	.1								24.5	6.1	6.0
(S) 170-190	9.6	5.5	3.6									18.6	5.7	4.0
200-220	1.0	.4										1.4	3.8	4.0
230-250	.3	.4										.8	5.1	6.0
(W) 260-280	.2											.2	2.5	2.5
290-310	.8	.1	.1									1.0	4.4	4.0
320-340	4.9	.9	.3									6.1	3.5	3.0
VARIABLE														
CALM	////////////////////////////////////											15.4	////////////////////////////////	
TOTALS	41.8	31.8	10.4	.4								100.0	4.5	5.0
TOTAL NUMBER OF OBSERVATIONS 897														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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			
(N) 350-010	3.4	3.7	1.9	.4	.1							9.5	6.8	6.0
020-040	2.0	2.6	1.2	.2	.0							6.0	6.6	6.0
050-070	1.8	2.0	.2	.0								4.1	5.2	5.0
(E) 080-100	2.4	2.8	.3	.0								5.4	5.1	5.0
110-130	3.9	4.1	.8	.0								8.8	5.2	5.0
140-160	5.9	8.0	2.1	.1								16.2	5.9	6.0
(S) 170-190	8.5	9.3	4.6	.4	.0							22.7	6.5	6.0
200-220	2.0	2.6	1.5	.2								6.3	6.8	6.0
230-250	.8	.6	.3	.0	.0							1.7	6.0	6.0
(W) 260-280	.3	.2	.1									.6	4.7	4.0
290-310	.9	.3	.1									1.3	4.3	4.0
320-340	3.6	1.3	.6	.1								5.6	4.6	4.0
VARIABLE														
CALM	////////////////////											11.8	////////	
TOTALS	35.5	37.5	13.7	1.4	.1							100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 7194

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	5.7	10.7	5.7	2.2								24.3	7.8	7.0
020-040	2.4	4.8	2.0									9.2	6.5	6.0
050-070	2.8	2.0	.2									5.0	5.0	4.0
(E) 080-100	2.8	2.4	.2									5.5	4.2	4.0
110-130	3.7	4.2	.4									8.3	4.9	5.0
140-160	5.0	10.9	2.4									18.4	6.1	6.0
(S) 170-190	4.4	5.5	2.0									11.8	6.2	6.0
200-220	2.2	.4										2.6	3.6	3.5
230-250	.7											.7	2.7	3.0
(W) 260-280	.4											.4	2.5	2.5
290-310	.4	.2										.7	5.0	4.0
320-340	2.4	2.2	3.3	.2								8.1	7.7	8.0
VARIABLE														
CALM	////////////////////////////////////											5.0	////////////////////////////////	
TOTALS	32.9	43.3	16.2	2.4								100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 457

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: OCT HOURS: 00-02

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	4.3	4.3	3.5	.3								12.5	6.9	6.0
020-040	.8	1.3	.8									2.8	6.7	7.0
050-070	.8	.5										1.3	4.7	4.0
(E) 080-100	.5	.2										.8	4.4	4.0
110-130	2.6	.3	.1									3.0	3.3	2.5
140-160	5.7	6.2	3.7									15.6	6.4	7.0
(S) 170-190	15.9	10.3	6.7	.5								33.4	5.9	5.0
200-220	2.3	2.3	.6									5.2	5.4	5.0
230-250	.2	.1	.2									.5	6.6	5.0
(W) 260-280		.1										.1	6.0	6.0
290-310	1.2	.2										1.4	3.0	3.0
320-340	5.9	1.9	.5	.2								8.6	4.5	3.0
VARIABLE														
CALM	////////////////////////////////////											14.8	////////////////////////////////	
TOTALS	40.2	27.7	16.1	1.0								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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: OCT HOURS: 03-05

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
(W) 350-010	5.9	4.2	3.0	1.3								14.4	6.9	6.0
020-040	1.0	1.5	.4									2.9	6.4	6.0
050-070	.4											.4	1.5	1.5
(E) 080-100	.2											.2	2.5	2.5
110-130	1.6	.6										2.3	3.2	2.0
140-160	6.5	5.4	1.6	.2								13.7	5.2	5.0
(S) 170-190	15.3	12.3	4.0	.5	.2							32.3	5.7	5.0
200-220	2.9	2.3	.8	.2								6.1	5.7	5.0
230-250	.6	.6	.4									1.7	6.9	6.0
(W) 260-280	.4		.1									.5	4.2	3.0
290-310	.2	.5										.8	5.3	6.0
320-340	5.4	2.7	1.0									9.0	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											15.7	////////////////////////////////	
TOTALS	40.4	30.1	11.3	2.2	.2							100.0	4.8	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	6.7	3.9	4.1	.9	.1							15.6	6.9	6.0
020-040	1.7	2.4	.8									4.8	5.8	5.0
050-070	.8	.2										1.0	3.4	3.0
(E) 080-100	.4	.2										.6	4.3	4.0
110-130	1.4	.6	.1									2.2	4.1	4.0
140-160	5.7	5.9	.4									12.0	5.0	5.0
(S) 170-190	14.7	11.5	3.3	.6	.1							30.3	5.5	5.0
200-220	2.5	2.2	.9	.2								5.7	6.2	5.0
230-250	.9	1.2	.4									2.5	6.0	5.0
(W) 260-280	.3	.1	.2									.6	5.8	6.0
290-310	.8	.4	.2									1.4	4.8	4.0
320-340	3.9	3.3	1.1	.2	.2							8.7	5.8	5.0
VARIABLE														
CALM	////////////////////											14.5	////////	
TOTALS	39.8	31.9	11.5	1.9	.4							100.0	4.9	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 82
MONTH: OCT 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	3.4	3.9	5.3	1.4	.3							14.3	9.0	9.0
020-040	1.9	3.5	2.5	.1								8.1	7.4	8.0
050-070	2.8	1.8	.4									5.1	4.8	4.0
(E) 080-100	.9	.8	.4									2.0	5.4	5.0
110-130	2.5	3.2	.4	.1								6.2	5.3	5.0
140-160	4.1	7.4	2.3	.1								13.9	6.7	7.0
(S) 170-190	3.9	9.2	9.0	1.2								23.3	8.4	9.0
200-220	1.7	3.5	6.6	1.3	.1	.1						13.3	10.0	10.0
230-250	.6	1.4	.8	.1	.1							3.0	7.8	8.0
(W) 260-280	.8	.8		.1								1.6	5.1	5.0
290-310	.9	.9	.3									2.0	5.6	5.0
320-340	1.1	1.6	1.3	.3	.1							4.4	8.3	8.0
VARIABLE														
CALM	////////////////////											2.7	////	////
TOTALS	24.6	38.0	29.3	4.7	.6	.1						100.0	7.6	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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			
(#) 350-010	2.0	5.4	3.9	1.5	.3							13.1	9.1	8.0
020-040	2.3	3.3	2.2									7.7	7.0	7.0
050-070	3.3	1.4	.1	.1								4.9	4.4	4.0
(E) 080-100	1.7	2.6	.3									4.6	5.5	5.0
110-130	3.4	4.0	.4									7.8	5.1	5.0
140-160	3.8	8.2	3.4	.2								15.6	7.1	7.0
(S) 170-190	3.7	7.0	8.5	2.5	.1							21.7	9.2	10.0
200-220	1.3	4.0	5.1	1.2	.1							11.6	9.8	10.0
230-250	1.1	1.7	.8	.1								3.7	6.6	6.0
(W) 260-280	.4	.8	.3									1.5	6.8	7.5
290-310	.6	.8	.3									1.7	5.8	5.5
320-340	1.7	1.4	1.1	.3	.2	.1						4.8	8.2	7.0
VARIABLE														
CALM	////////////////////											1.1	////////	
TOTALS	25.3	40.6	26.4	5.9	.7	.1						100.0	7.7	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	2.5	6.7	4.1	1.0	.2							14.4	8.3	8.0
020-040	2.7	5.1	1.3									9.0	6.2	6.0
050-070	2.4	2.7	.6									5.7	5.2	5.0
(E) 080-100	2.5	2.8	.1									5.4	4.5	5.0
110-130	3.2	5.2	1.4	.1								9.9	6.2	6.0
140-160	4.8	9.7	3.7	.5								18.7	6.9	7.0
(S) 170-190	2.8	7.5	7.7	1.3	.1							19.5	8.9	9.0
200-220	1.3	3.0	1.8	.5								6.7	8.3	7.0
230-250	.8	1.1	.5									2.4	6.5	6.5
(W) 260-280	.8	.6										1.4	4.2	4.0
290-310	.3	.3	.3									1.0	7.0	7.0
320-340	1.0	1.2	1.1	.8								4.0	8.9	9.0
VARIABLE														
CALM	////////////////////											2.0	////////	
TOTALS	25.1	45.9	22.6	4.2	.3							100.0	7.1	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	3.9	4.6	1.9	.5								11.0	6.7	6.0
020-040	3.5	2.4	.8	.2								6.9	5.5	4.0
050-070	2.3	1.3										3.5	3.8	3.0
(E) 080-100	4.1	1.9										6.0	3.5	4.0
110-130	7.3	7.5	1.8									16.7	5.3	5.0
140-160	10.5	8.7	1.9									21.2	5.1	5.0
(S) 170-190	8.9	4.6	.8	.1								14.4	4.4	4.0
200-220	1.1	1.0										2.0	4.3	4.0
230-250	.6	.2										.9	3.8	3.0
(W) 260-280	.1											.1	2.0	2.0
290-310	.4	.3	.2									1.0	6.1	8.0
320-340	2.7	1.0	1.1	.1								4.8	5.9	4.0
VARIABLE														
CALM	////////////////////////////////////											11.5	////////	
TOTALS	45.4	33.5	8.5	.9								100.0	4.5	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	4.5	4.6	2.7	.6	.1							12.6	6.8	6.0
020-040	1.3	1.8	.4	.1								3.7	5.9	6.0
050-070	1.2	.8										1.9	3.8	3.5
(E) 080-100	2.0	.4										2.5	2.9	2.0
110-130	4.0	4.3	.6									8.9	5.1	5.0
140-160	7.1	7.4	4.5	.2								19.2	6.6	6.0
(S) 170-190	15.9	7.5	2.8	.2								26.5	4.9	4.0
200-220	1.6	.6	.2									2.5	4.3	3.0
230-250		.1										.1	7.0	7.0
(W) 260-280	.2											.2	1.5	1.5
290-310	.9											.9	2.1	2.0
320-340	4.0	2.3	.8	.1								7.1	5.1	4.0
VARIABLE														
CALM	////////////////////////////////////											14.0	////////	
TOTALS	42.7	29.8	12.0	1.2	.1							100.0	4.7	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: OCT 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		4.2	4.7	3.6	.9	.1							13.5	7.6	7.0
020-040		1.9	2.7	1.1	.1								5.7	6.4	6.0
050-070		1.7	1.1	.1	.0								3.0	4.5	4.0
(E) 080-100		1.5	1.1	.1									2.8	4.3	4.0
110-130		3.3	3.2	.6	.0								7.1	5.1	5.0
140-160		6.0	7.4	2.7	.2								16.2	6.1	6.0
(S) 170-190		10.1	8.8	5.3	.9	.1							25.2	6.5	6.0
200-220		1.8	2.4	2.0	.4	.0	.0						6.6	7.9	8.0
230-250		.6	.8	.4	.0	.0							1.8	6.6	6.0
(W) 260-280		.4	.3	.1	.0								.8	5.1	5.0
290-310		.7	.4	.2									1.3	5.0	4.0
320-340		3.2	1.9	1.0	.3	.1	.0						6.4	6.0	5.0
VARIABLE															
CALM		////////////////////////////////////										9.5	////////////////////////////////		
TOTALS		35.4	34.8	17.2	2.8	.3							100.0	5.8	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	3.4	9.9	8.2	1.5	.2							23.2	8.8	8.0
020-040	2.9	6.2	2.6									11.8	6.8	7.0
050-070	3.5	2.1	.1									5.7	4.2	4.0
(E) 080-100	2.3	1.0	.1									3.4	3.9	3.0
110-130	3.8	2.7	1.0									7.5	5.0	4.0
140-160	6.7	11.3	2.9									21.0	6.0	6.0
(S) 170-190	4.5	7.0	2.2	.3								13.9	6.4	6.0
200-220	1.0	1.1	.3									2.4	5.7	5.0
230-250	.8	.3		.1								1.2	5.4	4.0
(W) 260-280	.2	.2										.4	3.0	3.0
290-310		.1										.1	7.0	7.0
320-340	.4	.8	.8	.4	.1							2.5	9.9	10.0
VARIABLE														
CALM	////////////////////											7.0	////////	
TOTALS	29.5	42.7	18.2	2.3	.3							100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 919

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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			
(N) 350-010	4.3	5.6	2.9	.8								13.6	7.2	6.5
020-040	1.7	1.0	.1									2.8	4.3	4.0
050-070	1.1											1.1	2.4	2.0
(E) 080-100	.9	.1										1.0	2.9	3.0
110-130	.6	.3	.3									1.2	5.9	5.0
140-160	4.6	3.0	1.6	.3								9.4	5.9	5.0
(S) 170-190	13.9	11.4	6.8	1.0	.2							33.3	6.6	6.0
200-220	3.9	4.8	.6									9.2	5.5	5.0
230-250		2.2	.6									2.8	8.0	8.0
(W) 260-280	.2	.8	.4									1.4	7.7	8.0
290-310	1.0	.8	.6		.1							2.4	7.2	6.0
320-340	7.1	3.4	1.9	.8		.1						13.3	6.0	4.0
VARIABLE														
CALM	////////////////////////////////////											8.3	////////	
TOTALS	39.3	33.4	15.8	2.9	.3	.1						100.0	5.8	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	4.4	4.9	3.3	.4	.1							13.2	6.9	6.0
020-040	1.4	1.6	.1									3.1	4.5	5.0
050-070	.4	.1	.1									.7	4.8	3.5
(E) 080-100	.1											.1	4.0	4.0
110-130	.6	.8										1.3	4.1	5.0
140-160	3.4	3.1	1.2	.3								8.1	6.2	6.0
(S) 170-190	13.1	8.8	6.3	.7	.1							29.0	6.1	5.0
200-220	3.7	4.3	2.2	.1	.1							10.4	6.6	6.0
230-250	.3	2.3	.9									3.6	7.6	7.5
(W) 260-280	.4	.3	.7									1.4	7.8	8.0
290-310	1.2	1.9	.3	.3								3.8	6.4	6.0
320-340	5.4	3.7	2.6	1.6								13.2	7.1	6.0
VARIABLE														
CALM	////////////////////////////////////											12.0	////////	
TOTALS	34.4	31.8	17.7	3.4	.3							100.0	5.6	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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			
(W) 350-010	4.7	5.3	3.9	.9		.1						14.9	7.5	7.0
020-040	1.8	1.4	.2	.2								3.7	5.6	5.0
050-070	.8											.8	2.9	3.0
(E) 080-100	.4		.2									.7	5.5	4.0
110-130	.8	.9										1.7	4.4	5.0
140-160	3.6	4.0	.4	.3								8.3	5.6	5.0
(S) 170-190	13.2	9.1	3.9	.9	.1							27.2	5.8	5.0
200-220	2.9	4.4	1.6	.1								9.0	6.5	7.0
230-250	1.1	1.1	1.1									3.3	7.1	7.0
(W) 260-280	.1	1.8	.6	.1								2.6	8.0	7.0
290-310	1.3	1.2	.7	.1								3.3	6.1	6.0
320-340	4.3	4.3	2.8	.7								12.1	7.0	6.0
VARIABLE														
CALM	////////////////////////////////////											12.4	////////	
TOTALS	35.0	33.5	15.4	3.3	.1	.1						100.0	5.6	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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			
(W) 350-010	3.0	5.9	5.1	1.0								15.0	8.2	8.0
020-040	1.6	3.2	1.0	.3								6.1	6.8	6.0
050-070	1.0	1.4	.4									2.9	5.9	5.0
(E) 080-100	1.1	.2										1.3	3.7	3.5
110-130	1.9	1.7										3.6	4.6	4.0
140-160	3.1	4.4	.9									8.4	6.0	6.0
(S) 170-190	4.7	9.0	7.6	1.8	.7							23.7	8.8	8.0
200-220	1.1	6.3	4.9	1.0								13.3	9.2	9.0
230-250	.7	2.6	1.1	.1	.1							4.6	7.8	8.0
(W) 260-280	.9	1.9	1.0	.2								4.0	7.9	7.0
290-310	.6	1.4	1.1	.3								3.4	8.8	9.0
320-340	1.4	3.4	3.7	1.2	.3							10.1	9.8	10.0
VARIABLE														
CALM	////////////////////////////////////											3.6	////////	
TOTALS	21.1	41.4	26.8	5.9	1.1							100.0	7.8	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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			
(N) 350-010	2.1	4.9	5.2	1.0	.4							13.7	9.3	9.0
020-040	2.6	3.4	1.8									7.8	6.7	6.0
050-070	1.8	1.3	.2									3.3	4.8	4.0
(E) 080-100	1.3	.3										1.7	3.6	3.0
110-130	.9	1.3	.3									2.6	5.6	5.0
140-160	2.2	4.0	2.3	.1								8.7	6.9	6.0
(S) 170-190	3.7	7.8	8.2	2.8	.4							22.9	9.4	9.5
200-220	2.2	4.1	6.1	1.3	.1							13.9	9.5	10.0
230-250	1.0	2.4	1.6	.3								5.3	8.1	8.0
(W) 260-280	1.1	1.4	1.2	.7								4.4	8.8	8.0
290-310	.9	1.3	2.2	.9	.4	.1						5.9	11.1	12.0
320-340	1.2	3.0	2.4	1.2	.1							8.0	9.5	8.5
VARIABLE														
CALM	////////////////////////////////////											1.9	////////	
TOTALS	21.0	35.2	31.5	8.3	1.4	.1						100.0	8.5	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: NOV 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			
(W) 350-010	2.3	7.4	5.2	1.3	.2							16.6	8.6	8.0
020-040	2.2	2.2	2.0	.2								6.7	7.2	6.5
050-070	1.8	2.0	.4									4.2	5.6	5.0
(E) 080-100	1.6	1.1										2.7	4.2	4.0
110-130	2.4	2.2	.2									4.9	4.7	4.5
140-160	5.1	5.6	2.4									13.1	6.4	6.0
(S) 170-190	2.6	10.0	8.4	1.0								22.0	8.7	9.0
200-220	1.4	5.0	2.6	.8	.1							9.9	8.4	8.0
230-250	1.0	1.1	.4									2.6	5.9	5.0
(W) 260-280	.4	1.1	.8	.2								2.6	8.3	7.0
290-310	1.0	2.4	1.3	.4								5.2	8.3	8.0
320-340	.9	1.9	2.7	.9								6.3	9.5	10.0
VARIABLE														
CALM	////////////////////////////////////											3.3	////////	
TOTALS	22.7	42.0	26.4	4.8	.3							100.0	7.5	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: 722576 STATION NAME: ROBERT GRAY AAF/PORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	2.9	6.3	2.9	.4	.1							12.7	7.6	7.0
020-040	1.8	1.8	.7	.1								4.3	5.5	5.0
050-070	1.3	.9										2.2	4.0	3.5
(E) 080-100	1.8	1.1										2.9	3.8	3.5
110-130	3.9	3.4	.3									7.7	4.5	4.0
140-160	8.1	6.0	1.4	.1								15.7	5.0	4.0
(S) 170-190	12.6	9.3	1.8									23.7	4.8	4.0
200-220	2.9	2.1	.1									5.1	4.4	3.5
230-250	.3	.3										.7	5.0	5.5
(W) 260-280	1.4	.4	.1									2.0	3.8	3.0
290-310	1.7	1.3	.8	.1								3.9	6.1	5.0
320-340	4.1	3.2	1.1	.4	.1							9.0	5.9	5.0
VARIABLE														
CALM	////////////////////////////////////											10.2	////////	
TOTALS	42.8	36.1	9.2	1.1	.2							100.0	4.8	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	3.8	4.8	3.4	.6								12.6	7.5	7.0
020-040	.8	1.8	.3	.1								3.0	6.9	7.0
050-070	1.1	.3										1.4	2.8	2.0
(E) 080-100	1.4	.3										1.8	3.6	3.0
110-130	1.1	1.1	.3									2.6	5.2	5.0
140-160	5.6	5.1	1.4									12.1	5.3	5.0
(S) 170-190	15.1	9.6	5.1	.3								30.1	5.8	4.0
200-220	3.4	3.4	.4									7.3	5.2	5.0
230-250	.3	1.7	.2		.1							2.3	7.2	6.0
(W) 260-280	.8	.8	.1									1.7	5.7	6.0
290-310	.9	1.0	.4	.1	.1							2.6	7.5	8.0
320-340	5.4	4.3	1.6	.4	.1							11.9	5.9	5.0
VARIABLE														
CALM	////////////////////////////////////											10.7	////////	
TOTALS	39.7	34.2	13.2	1.5	.3							100.0	5.3	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	3.4	5.6	4.0	.8	.1	.0						14.0	7.9	7.0
020-040	1.7	2.1	.8	.1								4.7	6.2	5.0
050-070	1.2	.8	.2									2.1	4.7	4.0
(E) 080-100	1.1	.4	.0									1.5	3.8	4.0
110-130	1.5	1.5	.2									3.2	4.8	5.0
140-160	4.5	4.4	1.5	.2								10.5	5.8	5.0
(S) 170-190	9.8	9.4	6.0	1.1	.2							26.5	6.9	6.0
200-220	2.7	4.3	2.3	.4	.0							9.8	7.4	7.0
230-250	.6	1.7	.7	.1	.0							3.1	7.4	7.0
(W) 260-280	.7	1.1	.6	.2								2.5	7.6	7.0
290-310	1.1	1.4	.9	.3	.1	.0						3.8	8.0	8.0
320-340	3.8	3.4	2.3	.9	.1	.0						10.5	7.4	6.0
VARIABLE														
CALM	////////////////////////////////////											7.8	////////////////////////////////	
TOTALS	32.1	36.1	19.5	4.1	.5							100.0	6.4	6.0

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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	2.0	8.6	7.0	1.5	.2							19.2	9.2	8.0
020-040	3.1	2.8	1.1	.4								7.3	6.3	6.0
050-070	2.2	1.6	.2									4.0	4.8	4.0
(E) 080-100	1.5	.7	.2									2.4	4.3	4.0
110-130	2.2	2.1										4.3	4.6	4.0
140-160	5.4	7.2	2.8	.6								16.0	6.6	6.0
(S) 170-190	5.4	9.8	8.8	.6	.1							24.7	7.8	8.0
200-220	1.0	2.1	1.6									4.6	7.5	8.0
230-250	.5	.5	.2		.1							1.3	7.7	8.0
(W) 260-280	.1	.1	.1									.4	6.7	8.0
290-310	.4	.4	.4	.2								1.3	8.6	9.0
320-340	.7	3.2	2.8	1.2	.1	.1						8.2	10.2	10.0
VARIABLE														
CALM	////////////////////											6.1	////////	
TOTALS	24.5	39.1	25.2	4.5	.5	.1						100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS 818

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	4.2	8.8	5.5	1.0	.1							19.6	7.9	8.0
020-040	1.7	2.4	.9	.1								5.1	6.2	6.0
050-070	1.1	.4	.2	.1								1.8	5.2	3.0
(E) 080-100	1.0	.5	.1									1.6	3.9	3.0
110-130	.8	.4	.1									1.3	4.5	4.0
140-160	2.5	3.0	1.4									6.9	6.2	6.0
(S) 170-190	11.0	9.0	2.4	.5								22.9	5.5	5.0
200-220	3.4	3.5	1.7									8.7	6.4	6.0
230-250	.2	1.0	.5	.1								1.8	8.4	8.0
(W) 260-280	.4	.9	.4									1.7	6.3	6.5
290-310	1.1	1.3	.9									3.2	6.2	6.0
320-340	5.3	3.9	2.2	.9								12.2	6.8	6.0
VARIABLE														
CALM	////////////////////////////////////											13.2	////////////////////////////////	
TOTALS	32.7	35.1	16.3	2.7	.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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	6.2	8.9	5.6	1.2	.1							22.0	7.6	8.0
020-040	1.4	2.2	.2	.6								4.4	7.0	6.0
050-070	.9	.3	.2	.1								1.5	5.8	4.0
(E) 080-100	.6	.3	.1									1.1	4.3	4.0
110-130	1.0	.6										1.6	3.9	4.0
140-160	2.3	2.5	.8	.1								5.6	5.6	6.0
(S) 170-190	9.2	8.3	3.0	.3								20.9	5.8	5.0
200-220	2.2	3.9	1.7	.1								7.8	6.9	7.0
230-250	.4	1.0	1.2	.1								2.7	8.6	9.0
(W) 260-280	.3	.3	.9									1.5	8.9	10.0
290-310	1.1	1.3	.5	.2								3.1	7.0	7.0
320-340	5.5	5.9	2.0	1.4								14.8	6.8	6.0
VARIABLE														
CALM	////////////////////////////////////											12.9	////////	
TOTALS	31.1	35.5	16.2	4.1	.1							100.0	5.8	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	5.6	9.7	5.7	1.1								22.0	7.5	7.0
020-040	2.0	1.9	.6	.1								4.7	5.7	5.0
050-070	.8	.4	.2									1.4	6.1	4.0
(E) 080-100	.4	.2										.6	4.5	4.0
110-130	.9	1.0										1.8	4.6	5.0
140-160	3.0	1.9	.8	.3								6.0	5.8	4.5
(S) 170-190	8.1	8.3	2.9	.2								19.5	5.9	5.0
200-220	2.6	3.0	2.0									7.6	6.7	6.0
230-250	.4	.9	1.0	.2								2.5	9.4	9.0
(W) 260-280	.8	1.4	.8	.1								3.0	7.5	7.5
290-310	1.1	1.5	.5		.1							3.2	6.6	5.5
320-340	4.8	4.1	3.7	1.2	.1							13.9	7.7	6.0
VARIABLE														
CALM	////////////////////////////////////											13.7	////////////////////////////////	
TOTALS	30.5	34.3	18.2	3.2	.2							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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: DEC 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	4.1	9.6	7.1	2.2	.4	.1						23.4	8.8	8.0
020-040	2.0	3.8	1.6	.3								7.7	7.2	7.0
050-070	1.0	1.0	.1									2.0	4.8	5.0
(E) 080-100	1.0	.9										1.8	4.2	4.0
110-130	1.5	1.4										2.9	4.5	4.0
140-160	1.0	3.5	1.0	.4	.1							6.0	8.0	7.0
(S) 170-190	4.5	6.3	3.5	1.2	.4							16.0	7.9	7.0
200-220	2.0	3.7	4.0	1.3	.1							11.1	9.0	9.0
230-250	.9	1.4	1.6	.1	.1							4.1	8.8	9.0
(W) 260-280	1.0	2.4	1.3	.3								4.9	7.9	8.0
290-310	1.1	1.8	.5	.2	.3	.1						4.1	8.4	6.5
320-340	1.5	3.4	3.4	1.5	.5							10.4	10.0	10.0
VARIABLE														
CALM	////////////////////////////////////											5.4	////////////////////////////////	
TOTALS	21.6	39.2	24.1	7.5	1.9	.2						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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	3.0	8.5	6.3	2.2	.6							20.6	9.2	9.0
020-040	2.7	3.8	1.6	.3								8.4	6.8	7.0
050-070	1.7	2.0	.3									4.1	5.2	5.0
(E) 080-100	1.6	1.1										2.7	4.5	4.0
110-130	2.2	1.5	.1									3.8	4.4	4.0
140-160	1.5	3.0	1.4	.2								6.1	7.6	8.0
(S) 170-190	1.8	4.7	4.5	1.7	.2	.1						13.1	9.7	9.5
200-220	1.2	3.1	5.5	1.3	.5							11.6	10.7	11.0
230-250	1.1	2.0	2.4	.2								5.7	8.3	8.0
(W) 260-280	.5	1.7	1.4	.9								4.5	10.0	9.5
290-310	1.0	2.7	1.2	.4	.4	.1						5.8	9.3	8.0
320-340	1.8	2.7	3.5	1.8	.3							10.2	10.0	10.0
VARIABLE														
CALM	////////////////////////////////////											3.3	////////	
TOTALS	20.1	36.8	28.2	9.0	2.0	.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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: DEC 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	3.9	8.5	6.0	1.9	.3							20.6	8.7	8.0
020-040	2.2	5.6	1.7	.2								9.7	6.9	7.0
050-070	1.9	1.7	.3									4.0	5.2	5.0
(E) 080-100	1.6	1.7	.2									3.5	4.8	5.0
110-130	2.7	2.3	.1									5.1	4.3	4.0
140-160	2.9	4.0	1.5									8.4	6.3	6.0
(S) 170-190	3.4	5.4	6.2	1.1	.1							16.2	8.8	9.0
200-220	1.2	3.2	2.6	.4	.1							7.5	8.6	8.0
230-250	.6	1.0	1.3	.1								3.0	7.8	7.0
(W) 260-280	1.3	.8	.8	.1								2.9	6.7	5.0
290-310	.8	1.3	1.2	.5	.3							4.1	10.0	9.5
320-340	2.4	3.7	4.0	1.2	.1							11.3	9.0	9.0
VARIABLE														
CALM	////////////////////////////////////											3.7	////////////////////////////////	
TOTALS	24.9	39.2	25.9	5.5	.9							100.0	7.5	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: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	4.7	6.9	5.2	1.7	.2							18.7	8.3	8.0
020-040	2.0	4.1	1.8	.1								8.1	6.7	6.0
050-070	2.4	.8										3.1	3.8	4.0
(E) 080-100	2.6	.5										3.1	3.6	4.0
110-130	3.4	2.6	.2									6.2	4.6	4.0
140-160	5.1	3.3	1.5	.1								10.0	5.4	4.0
(S) 170-190	10.1	6.8	.9	.2								18.0	4.8	4.0
200-220	2.4	1.9	.6									4.9	5.2	5.0
230-250	1.1	.3										1.4	3.6	3.0
(W) 260-280	.9	.3	.1			.1						1.4	5.8	4.0
290-310	1.5	1.0	.3		.1							2.9	5.4	4.0
320-340	3.8	3.0	2.3	.6								9.7	7.1	6.0
VARIABLE														
CALM	////////////////////////////////////											12.5	////////////////////////////////	
TOTALS	40.0	31.5	12.9	2.7	.3	.1						100.0	5.3	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: DEC 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	4.9	5.8	7.2	1.7		.1						19.8	8.5	8.0
020-040	2.8	2.8	1.0	.1								6.7	5.9	5.5
050-070	1.0	1.1	.2									2.3	4.9	5.0
(E) 080-100	1.3	.2										1.5	3.2	3.0
110-130	1.4	1.1	.3									2.8	5.0	4.5
140-160	2.9	3.1	.9									6.9	5.5	5.0
(S) 170-190	11.8	7.7	1.8	.3								21.7	5.1	4.0
200-220	2.4	3.7	1.3									7.3	6.4	6.0
230-250	.2	.9	.2									1.3	6.2	5.5
(W) 260-280	.2	1.1	.1									1.4	7.1	7.0
290-310	2.2	1.8	.2	.2								4.4	5.2	5.0
320-340	4.2	3.4	2.0	.2	.1							10.0	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											14.0	////////	
TOTALS	35.3	32.7	15.2	2.5	.1	.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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: DEC HOURS: ALL

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	4.6	8.3	6.1	1.6	.2	.0						20.9	8.3	8.0
020-040	2.1	3.3	1.2	.2								6.8	6.6	6.0
050-070	1.3	1.0	.2	.0								2.5	5.0	4.0
(E) 080-100	1.3	.7	.1									2.0	4.2	4.0
110-130	1.7	1.4	.1									3.2	4.5	4.0
140-160	2.6	3.1	1.1	.1	.0							7.0	6.2	6.0
(S) 170-190	7.5	7.1	3.2	.7	.1	.0						18.5	6.4	6.0
200-220	2.2	3.3	2.4	.4	.1							8.3	7.8	8.0
230-250	.6	1.0	1.0	.1	.0							2.8	8.1	8.0
(W) 260-280	.7	1.1	.7	.2		.0						2.7	7.9	8.0
290-310	1.2	1.6	.7	.2	.2	.0						3.9	7.5	6.0
320-340	3.7	3.8	2.9	1.1	.1							11.6	7.9	7.0
VARIABLE														
CALM	////////////////////////////////////											9.8	////////////////////////////////	
TOTALS	29.5	35.7	19.7	4.6	.7							100.0	6.5	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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 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	12.2	12.9	2.3	.2							31.6	9.2	9.0
020-040	2.6	6.4	2.9	.8								12.7	7.6	7.0
050-070	1.5	1.1	.2									2.9	4.9	4.0
(E) 080-100	1.4	1.0	.1									2.5	4.1	4.0
110-130	2.6	2.7	.2									5.5	4.9	5.0
140-160	1.7	4.2	2.4	.7								9.0	8.2	8.0
(S) 170-190	2.8	6.1	3.6	.3								12.8	7.6	8.0
200-220	1.1	1.4	.8									3.3	6.9	7.0
230-250	.4	.2										.6	3.9	4.0
(W) 260-280	.2	.2	.2	.2								.8	9.1	9.5
290-310	.9	.2		.1	.1							1.3	5.3	4.0
320-340	1.4	2.5	4.0	1.4	.1							9.3	10.1	10.0
VARIABLE														
CALM	////////////////////////////////////											7.8	////////////////////////////////	
TOTALS	20.5	38.2	27.3	5.8	.4							100.0	7.4	8.0

TOTAL NUMBER OF OBSERVATIONS 1255

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: ALL HOURS: ALL

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	4.3	2.9	.7	.1	.0						11.0	7.8	8.0
020-040	1.6	2.4	1.1	.1	.0							5.2	6.8	6.0
050-070	1.4	1.4	.3	.0	.0							3.1	5.4	5.0
(E) 080-100	1.6	1.8	.3	.0	.0							3.7	5.3	5.0
110-130	2.5	3.4	.8	.0	.0							6.7	5.8	5.0
140-160	4.2	6.9	3.6	.5	.0		.0					15.3	7.2	7.0
(S) 170-190	7.5	9.2	6.1	1.3	.1	.0	.0					24.2	7.4	7.0
200-220	2.3	3.8	2.2	.4	.0	.0						8.7	7.5	7.0
230-250	.7	1.2	.6	.1	.0							2.5	7.1	7.0
(W) 260-280	.5	.8	.5	.1	.0	.0	.0					2.0	7.9	7.0
290-310	.9	.9	.6	.2	.1	.0	.0	.0				2.7	7.7	7.0
320-340	2.8	2.4	1.5	.5	.1	.0						7.4	7.2	6.0
VARIABLE														
CALM	////////////////////////////////////											7.7	////////////////////////////////	
TOTALS	28.9	38.5	20.5	3.9	.4							100.0	6.6	6.0

TOTAL NUMBER OF OBSERVATIONS: 87642

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	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	2.6	8.6	7.4	1.3	.3	.0						20.1	9.0	9.0
020-040	2.2	4.6	2.1	.3	.0							9.3	7.3	7.0
050-070	1.8	2.0	.4	.1	.0							4.3	5.9	5.0
(E) 080-100	1.7	2.1	.5	.0	.0							4.3	5.8	5.0
110-130	2.7	3.5	1.0	.0	.0							7.2	5.9	6.0
140-160	3.6	9.1	4.4	.6	.0							17.8	7.6	7.0
(S) 170-190	3.0	7.8	6.4	1.2	.0							18.4	8.5	8.0
200-220	1.1	2.0	1.2	.1								4.3	7.5	8.0
230-250	.4	.4	.1	.0	.0							.9	5.7	5.0
(W) 260-280	.3	.2	.1	.1								.6	6.7	5.0
290-310	.3	.4	.2	.1	.0	.0	.0					1.0	8.0	7.0
320-340	1.1	2.2	2.6	.8	.2	.0						6.9	9.8	10.0
VARIABLE														
CALM	////////////////////////////////////											4.8	////////////////////////////////	
TOTALS	20.8	42.9	26.4	4.6	.5							100.0	7.5	8.0

TOTAL NUMBER OF OBSERVATIONS: 8824

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	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	AAAAAAAA	RRRRRRRR	TT	DD DD
PP	AAAAAAAA	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

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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 RIGHT 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).

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.

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	53.5	53.7	53.9	54.0	54.3	54.3	54.5	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7
GE 20000	57.6	58.0	58.2	58.3	58.6	58.6	58.8	58.8	58.8	58.9	58.9	58.9	59.0	59.0	59.0	59.0
GE 18000	57.6	58.0	58.2	58.3	58.6	58.6	58.8	58.8	58.8	58.9	58.9	58.9	59.0	59.0	59.0	59.0
GE 16000	57.7	58.1	58.3	58.4	58.7	58.7	58.9	58.9	58.9	59.0	59.0	59.0	59.1	59.1	59.1	59.1
GE 14000	57.8	58.2	58.4	58.5	58.8	58.8	59.0	59.0	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.2
GE 12000	58.4	58.7	58.9	59.0	59.4	59.4	59.6	59.6	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8
GE 10000	60.0	60.3	60.5	60.6	61.0	61.0	61.2	61.2	61.2	61.3	61.3	61.3	61.4	61.4	61.4	61.4
GE 9000	60.3	60.6	60.9	61.0	61.3	61.3	61.5	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.7
GE 8000	62.4	63.0	63.2	63.3	63.7	63.7	63.9	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.1
GE 7000	62.7	63.3	63.5	63.7	64.0	64.0	64.2	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4
GE 6000	63.4	64.1	64.3	64.4	64.7	64.7	64.9	64.9	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.2
GE 5000	64.4	65.1	65.3	65.4	65.7	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.1
GE 4500	65.9	66.6	66.9	67.0	67.3	67.3	67.5	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7
GE 4000	68.3	68.9	69.4	69.5	69.8	69.8	70.0	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2
GE 3500	69.2	69.9	70.3	70.4	70.8	70.8	71.0	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2
GE 3000	70.4	71.2	71.7	71.8	72.2	72.2	72.4	72.4	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6
GE 2500	72.4	73.1	73.8	74.0	74.4	74.4	74.6	74.6	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8
GE 2000	74.5	75.4	76.0	76.2	76.7	76.7	76.9	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1
GE 1800	75.6	76.5	77.2	77.4	78.1	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.5	78.5	78.5	78.5
GE 1500	78.1	78.9	79.8	80.0	80.6	80.6	80.9	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1
GE 1200	80.2	81.4	82.4	82.6	83.4	83.4	83.7	83.7	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9
GE 1000	81.5	83.0	84.5	84.7	85.6	85.6	85.8	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0
GE 900	81.8	83.3	84.8	85.1	85.9	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3
GE 800	82.8	84.3	86.0	86.3	87.2	87.2	87.5	87.5	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7
GE 700	82.9	84.9	86.8	87.2	88.1	88.1	88.5	88.5	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7
GE 600	83.3	85.7	87.5	88.0	88.8	88.8	89.4	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6
GE 500	83.4	86.1	88.3	88.7	89.9	89.9	90.4	90.4	90.4	90.5	90.6	90.6	90.8	90.8	90.8	90.8
GE 400	83.4	86.3	88.6	89.2	90.4	90.4	91.5	91.6	91.6	91.8	92.2	92.2	92.3	92.3	92.3	92.3
GE 300	83.4	86.6	88.8	89.5	90.9	90.9	91.9	92.4	92.5	93.0	93.5	93.5	93.9	93.9	94.0	94.6
GE 200	83.5	86.7	88.9	89.6	91.2	91.2	92.3	92.7	92.9	93.5	94.4	94.6	95.7	95.7	95.8	96.7
GE 100	83.5	86.7	88.9	89.6	91.4	91.4	92.5	92.9	93.1	94.1	95.3	95.5	96.7	96.9	97.2	99.5
GE 000	83.5	86.7	88.9	89.6	91.4	91.4	92.5	92.9	93.1	94.1	95.3	95.5	96.8	97.0	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	49.9	50.6	50.9	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.3
GE 20000	54.3	55.2	55.4	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8
GE 18000	54.3	55.2	55.4	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8
GE 16000	54.3	55.2	55.4	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8
GE 14000	54.3	55.2	55.4	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8
GE 12000	55.1	55.9	56.1	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
GE 10000	56.5	57.3	57.5	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.0	58.0
GE 9000	56.8	57.6	57.8	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3
GE 8000	57.8	58.8	59.0	59.2	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7
GE 7000	58.5	59.6	59.8	60.0	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4
GE 6000	59.0	60.1	60.3	60.5	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0
GE 5000	59.6	60.6	61.0	61.2	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6
GE 4500	60.9	62.0	62.4	62.6	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0
GE 4000	63.0	64.4	64.8	65.1	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5
GE 3500	64.8	66.2	66.8	67.0	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4
GE 3000	66.1	67.5	68.1	68.3	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7
GE 2500	68.6	70.1	70.6	70.9	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3
GE 2000	71.2	72.8	73.4	73.7	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3
GE 1800	71.7	73.3	74.0	74.2	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8
GE 1500	74.9	76.6	77.2	77.4	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1
GE 1200	77.3	79.1	79.8	80.0	80.3	80.3	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9
GE 1000	79.0	81.2	81.9	82.2	82.5	82.5	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0
GE 900	79.5	81.7	82.6	82.8	83.1	83.1	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7
GE 800	80.5	82.8	83.8	84.0	84.3	84.3	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1
GE 700	81.4	83.9	85.2	85.5	85.9	85.9	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	87.0	87.0
GE 600	81.7	84.3	85.7	86.0	86.6	86.6	87.3	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.7	87.7
GE 500	81.9	84.8	86.5	86.8	87.3	87.3	88.1	88.3	88.3	88.4	88.6	88.6	88.6	88.6	88.8	88.8
GE 400	81.9	85.3	87.0	87.4	88.3	88.3	89.0	89.6	89.7	90.1	90.3	90.3	90.3	90.3	90.6	90.6
GE 300	81.9	85.3	87.2	87.6	88.6	88.6	89.6	90.3	90.4	91.1	91.5	91.5	91.8	91.8	92.4	92.8
GE 200	81.9	85.3	87.2	87.6	88.7	88.7	89.7	90.4	90.6	91.6	92.7	92.7	93.4	93.7	94.9	95.7
GE 100	81.9	85.3	87.2	87.7	89.1	89.1	90.1	91.0	91.2	92.3	93.7	94.3	95.2	95.4	97.1	98.9
GE 000	81.9	85.3	87.2	87.7	89.1	89.1	90.1	91.0	91.2	92.3	93.7	94.3	95.2	95.4	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	45.9	46.7	47.1	47.1	47.4	47.4	47.4	47.5	47.5	47.7	47.7	47.7	47.7	48.3	48.3	48.4
GE 20000	51.1	51.9	52.4	52.4	52.7	52.7	52.7	52.8	52.8	53.0	53.0	53.0	53.0	53.5	53.5	53.7
GE 18000	51.1	51.9	52.4	52.4	52.7	52.7	52.7	52.8	52.8	53.0	53.0	53.0	53.0	53.5	53.5	53.7
GE 16000	51.1	51.9	52.4	52.4	52.7	52.7	52.7	52.8	52.8	53.0	53.0	53.0	53.0	53.5	53.5	53.7
GE 14000	51.2	52.0	52.5	52.5	52.8	52.8	52.8	52.9	52.9	53.1	53.1	53.1	53.1	53.7	53.7	53.8
GE 12000	52.0	52.9	53.3	53.3	53.7	53.7	53.7	53.8	53.8	54.0	54.0	54.0	54.0	54.5	54.5	54.6
GE 10000	54.3	55.3	55.7	55.7	56.1	56.1	56.1	56.2	56.2	56.5	56.5	56.5	56.5	57.0	57.0	57.1
GE 9000	54.4	55.4	55.8	55.8	56.3	56.3	56.3	56.5	56.5	56.7	56.7	56.7	56.7	57.2	57.2	57.3
GE 8000	56.1	57.1	57.5	57.5	58.1	58.1	58.1	58.2	58.2	58.4	58.5	58.5	58.5	59.0	59.0	59.1
GE 7000	57.4	58.4	58.8	58.9	59.5	59.5	59.5	59.6	59.6	59.8	60.0	60.0	60.0	60.5	60.5	60.6
GE 6000	58.0	58.9	59.4	59.5	60.0	60.0	60.0	60.1	60.1	60.3	60.5	60.5	60.5	61.1	61.1	61.2
GE 5000	58.5	59.5	59.9	60.0	60.5	60.5	60.5	60.6	60.6	60.9	61.1	61.1	61.1	61.6	61.6	61.7
GE 4500	59.2	60.2	60.6	60.8	61.3	61.3	61.3	61.4	61.4	61.6	61.8	61.8	61.8	62.4	62.4	62.5
GE 4000	61.6	62.6	63.0	63.4	64.0	64.0	64.0	64.1	64.1	64.3	64.5	64.5	64.5	65.1	65.1	65.2
GE 3500	63.0	64.0	64.4	64.9	65.5	65.5	65.5	65.6	65.6	65.8	66.0	66.0	66.0	66.6	66.6	66.7
GE 3000	64.3	65.4	65.8	66.3	66.9	66.9	66.9	67.0	67.0	67.2	67.4	67.4	67.4	68.0	68.0	68.1
GE 2500	67.3	68.6	69.2	69.8	70.3	70.3	70.3	70.4	70.4	70.6	70.9	70.9	70.9	71.4	71.4	71.5
GE 2000	69.2	70.6	71.4	72.0	72.6	72.6	72.6	72.7	72.7	72.9	73.1	73.1	73.1	73.7	73.7	73.8
GE 1800	69.8	71.2	72.0	72.7	73.2	73.4	73.4	73.5	73.5	73.8	74.0	74.0	74.0	74.5	74.5	74.6
GE 1500	72.3	73.8	74.7	75.4	76.0	76.2	76.2	76.3	76.3	76.6	76.8	76.8	76.8	77.3	77.3	77.4
GE 1200	74.5	76.3	77.6	78.3	79.1	79.4	79.4	79.5	79.5	79.7	79.9	79.9	79.9	80.4	80.4	80.5
GE 1000	76.3	78.4	79.7	80.5	81.5	81.7	81.9	82.0	82.0	82.3	82.5	82.5	82.5	83.0	83.0	83.1
GE 900	76.8	78.8	80.1	81.2	82.3	82.5	82.7	82.8	82.8	83.0	83.2	83.2	83.2	83.8	83.8	83.9
GE 800	77.1	79.2	80.5	81.6	82.7	82.9	83.1	83.2	83.2	83.4	83.7	83.7	83.7	84.2	84.2	84.3
GE 700	77.8	80.6	82.0	83.2	84.4	84.6	85.1	85.2	85.3	85.5	85.7	85.7	85.7	86.2	86.2	86.3
GE 600	78.3	81.5	83.1	84.6	86.1	86.3	86.8	87.0	87.1	87.3	87.5	87.5	87.5	88.1	88.1	88.2
GE 500	78.3	81.5	83.5	85.1	86.8	87.0	87.5	87.7	87.8	88.1	88.4	88.4	88.4	88.9	88.9	89.0
GE 400	78.4	81.6	83.8	85.3	87.3	87.6	88.5	88.8	89.1	89.5	89.9	89.9	89.9	90.8	90.8	90.9
GE 300	78.5	81.8	84.1	85.6	87.6	88.1	89.4	90.0	90.4	91.2	91.9	91.9	92.3	93.1	93.7	94.0
GE 200	78.5	81.8	84.1	85.6	87.6	88.1	89.4	90.0	90.4	91.8	92.9	93.0	93.7	94.9	96.0	96.7
GE 100	78.5	81.8	84.1	85.7	87.7	88.2	89.7	90.3	90.8	92.3	93.7	94.0	95.1	96.3	97.7	99.7
GE 000	78.5	81.8	84.1	85.7	87.7	88.2	89.7	90.3	90.8	92.3	93.7	94.0	95.1	96.3	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

D - 2 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	43.5	44.5	44.8	44.8	44.9	44.9	44.9	44.9	44.9	45.1	45.1	45.1	45.1	45.1	45.2	45.2
GE 20000	50.6	51.9	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.7	52.7
GE 18000	50.6	51.9	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.7	52.7
GE 16000	50.6	51.9	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.7	52.7
GE 14000	50.6	51.9	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.7	52.7
GE 12000	51.9	53.2	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	54.0	54.0
GE 10000	54.0	55.3	55.8	55.8	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.1	56.1
GE 9000	54.3	55.6	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.6	56.6
GE 8000	56.8	58.3	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.2	59.2
GE 7000	58.8	60.3	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.3	61.3
GE 6000	59.1	60.6	61.2	61.3	61.6	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.9	61.9
GE 5000	60.1	61.6	62.2	62.3	62.7	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	63.0	63.0
GE 4500	60.5	62.2	62.8	63.0	63.4	63.5	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.8	63.8
GE 4000	62.7	64.4	65.2	65.6	66.1	66.2	66.2	66.2	66.2	66.5	66.5	66.5	66.5	66.5	66.6	66.6
GE 3500	64.4	66.1	66.9	67.3	67.8	68.0	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.3	68.3
GE 3000	65.5	67.2	68.0	68.5	69.0	69.1	69.1	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.5	69.5
GE 2500	67.7	69.6	70.3	71.0	71.5	71.6	71.6	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.9	71.9
GE 2000	69.9	71.7	72.6	73.4	74.3	74.4	74.5	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.8	74.8
GE 1800	70.9	72.7	73.5	74.4	75.3	75.4	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.8	75.8
GE 1500	73.2	75.4	76.2	77.1	78.0	78.1	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.5	78.5
GE 1200	74.9	77.2	78.3	79.2	80.4	80.5	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.1	81.1
GE 1000	76.6	79.6	80.8	82.3	83.5	83.7	84.0	84.0	84.0	84.2	84.3	84.3	84.3	84.3	84.4	84.4
GE 900	77.1	80.2	81.5	83.0	84.3	84.4	84.7	84.7	84.7	84.9	85.1	85.1	85.1	85.1	85.2	85.2
GE 800	77.4	80.8	82.0	84.0	85.3	85.4	85.8	85.9	86.0	86.3	86.5	86.5	86.5	86.5	86.6	86.6
GE 700	78.0	81.3	82.8	84.7	86.0	86.1	86.6	86.7	86.8	87.1	87.2	87.2	87.2	87.2	87.3	87.3
GE 600	78.0	81.5	83.1	85.2	86.7	87.1	87.6	87.7	88.1	88.4	88.5	88.5	88.5	88.5	88.6	88.6
GE 500	78.1	81.9	84.4	86.5	88.2	88.7	89.4	89.8	90.2	90.6	90.8	90.8	90.8	90.8	91.0	91.0
GE 400	78.4	82.4	84.8	86.9	88.8	89.4	90.3	91.0	91.7	92.8	93.0	93.0	93.0	93.1	93.3	93.3
GE 300	78.5	82.5	84.9	87.1	89.2	89.9	90.9	91.8	92.7	94.3	94.9	94.9	95.3	95.4	95.7	96.1
GE 200	78.5	82.5	84.9	87.1	89.2	89.9	91.2	92.2	93.2	95.2	96.7	96.7	97.2	97.5	98.5	99.2
GE 100	78.5	82.5	84.9	87.1	89.2	89.9	91.2	92.2	93.2	95.2	96.8	96.8	97.3	97.6	98.6	99.9
GE 000	78.5	82.5	84.9	87.1	89.2	89.9	91.2	92.2	93.2	95.2	96.8	96.8	97.4	97.7	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	49.7	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 20000	58.6	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 18000	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 16000	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 14000	58.8	59.0	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 12000	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 10000	61.9	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 9000	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 8000	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 7000	66.2	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	66.6	66.6
GE 6000	66.2	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	66.6	66.6
GE 5000	66.9	67.1	67.2	67.2	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 4500	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	67.6	67.6
GE 4000	68.8	69.0	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9
GE 3500	70.9	71.1	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.3
GE 3000	73.1	73.4	74.4	74.5	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9
GE 2500	75.5	76.2	77.4	77.5	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	78.0	78.0	78.0	78.0
GE 2000	78.8	79.6	80.8	81.0	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.5
GE 1800	79.2	80.0	81.2	81.4	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9
GE 1500	81.6	82.7	84.0	84.3	84.5	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8
GE 1200	83.5	85.1	86.9	87.3	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8	88.0	88.0	88.0	88.0
GE 1000	84.1	85.9	88.0	88.7	89.0	89.0	89.4	89.4	89.4	89.6	89.7	89.7	89.8	89.8	89.8	89.8
GE 900	84.7	86.7	88.8	89.7	90.0	90.0	90.3	90.3	90.3	90.5	90.6	90.6	90.8	90.8	90.8	90.8
GE 800	85.2	87.2	89.4	90.2	90.5	90.5	91.0	91.0	91.1	91.4	91.5	91.5	91.6	91.6	91.6	91.6
GE 700	85.4	87.6	89.8	90.6	91.0	91.1	91.6	91.6	91.7	92.0	92.2	92.2	92.3	92.3	92.3	92.3
GE 600	85.4	87.6	90.0	91.5	91.9	92.4	93.1	93.2	93.4	93.8	93.9	93.9	94.0	94.0	94.0	94.0
GE 500	85.4	87.8	90.3	91.9	93.0	93.5	94.4	94.7	94.9	95.3	95.4	95.4	95.5	95.5	95.5	95.5
GE 400	86.1	88.6	91.2	92.8	93.9	94.5	95.5	95.9	96.1	97.0	97.4	97.4	97.5	97.5	97.5	97.5
GE 300	86.1	88.7	91.4	93.0	94.1	94.8	95.9	96.3	96.6	97.4	97.8	97.8	98.2	98.3	98.3	98.3
GE 200	86.1	88.7	91.4	93.1	94.2	94.9	96.0	96.7	96.9	97.7	98.6	98.6	99.4	99.5	99.8	99.9
GE 100	86.1	88.7	91.4	93.1	94.2	94.9	96.0	96.7	96.9	97.7	98.7	98.7	99.5	99.6	99.9	100.0
GE 000	86.1	88.7	91.4	93.1	94.2	94.9	96.0	96.7	96.9	97.7	98.7	98.7	99.5	99.6	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 20000	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 18000	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 16000	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 14000	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 12000	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	63.9	63.9
GE 10000	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	66.0
GE 9000	66.2	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	66.5
GE 8000	70.2	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 7000	71.1	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 6000	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	71.6	71.6
GE 5000	72.4	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	72.6
GE 4500	73.5	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 4000	77.1	77.5	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 3500	79.5	80.0	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	80.3
GE 3000	81.0	81.7	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
GE 2500	83.0	84.0	84.4	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 2000	84.2	85.4	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1800	84.4	85.6	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1500	86.7	88.2	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1200	87.6	89.1	90.1	90.4	90.6	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1000	88.6	90.3	91.3	91.6	91.8	91.8	92.0	92.0	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 900	89.0	90.8	91.7	92.0	92.3	92.3	92.5	92.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 800	89.0	90.8	91.8	92.3	92.5	92.6	92.9	92.9	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 700	89.0	91.2	92.3	92.9	93.3	93.5	93.9	93.9	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	89.1	91.3	92.5	93.1	93.7	94.0	94.3	94.6	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 500	89.1	91.3	92.7	93.3	94.1	94.4	94.7	95.2	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 400	89.4	91.5	92.9	93.7	94.5	94.8	95.2	96.0	96.2	97.0	97.3	97.3	97.3	97.3	97.3	97.3
GE 300	89.4	91.6	93.0	93.8	94.7	95.1	95.4	96.5	96.7	97.5	97.8	97.8	98.0	98.0	98.0	98.3
GE 200	89.4	91.6	93.0	93.8	94.8	95.2	95.6	96.7	96.9	98.0	98.4	98.4	98.7	98.7	98.7	99.1
GE 100	89.4	91.6	93.0	93.8	94.8	95.2	95.7	96.8	97.0	98.3	98.9	98.9	99.2	99.2	99.4	100.0
GE 000	89.4	91.6	93.0	93.8	94.8	95.2	95.7	96.8	97.0	98.3	98.9	98.9	99.2	99.2	99.4	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 20000	62.3	62.6	62.6	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
GE 18000	62.6	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 16000	62.6	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 14000	62.9	63.2	63.2	63.2	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 12000	64.4	64.7	64.7	64.7	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 10000	68.1	68.4	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	68.5
GE 9000	68.2	68.5	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	68.6
GE 8000	72.4	72.8	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 7000	73.7	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	74.2	74.2
GE 6000	74.5	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	75.1	75.1
GE 5000	75.4	75.8	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 4500	76.2	76.7	76.7	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
GE 4000	78.3	78.9	78.9	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
GE 3500	79.9	80.9	80.9	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 3000	82.4	83.5	83.5	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
GE 2500	84.1	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2000	85.6	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1800	85.8	87.5	87.5	87.5	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1500	87.2	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1200	88.1	90.4	90.4	90.4	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1000	88.7	91.1	91.2	91.2	91.4	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 900	88.7	91.3	91.4	91.4	91.6	91.7	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 800	88.7	91.4	91.5	91.5	92.0	92.2	92.2	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 700	88.8	91.7	91.8	91.8	92.5	92.8	92.9	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 600	88.9	91.8	92.0	92.0	92.8	93.1	93.2	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 500	89.1	92.0	92.4	92.4	93.3	93.7	93.8	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 400	89.2	92.3	92.7	92.8	93.8	94.1	94.2	94.6	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 300	89.2	92.6	93.0	93.2	94.3	94.6	94.8	95.3	95.8	96.8	96.9	96.9	97.0	97.0	97.2	97.4
GE 200	89.2	92.6	93.0	93.2	94.5	94.8	95.1	95.6	96.1	97.4	97.7	97.7	98.1	98.1	98.3	98.5
GE 100	89.2	92.6	93.0	93.2	94.5	94.8	95.1	95.6	96.1	97.4	98.0	98.1	98.6	98.8	99.2	100.0
GE 000	89.2	92.6	93.0	93.2	94.5	94.8	95.1	95.6	96.1	97.4	98.0	98.1	98.6	98.8	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	57.8	58.1	58.4	58.6	58.8	58.8	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 20000	61.6	61.8	62.2	62.5	62.7	62.7	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 18000	61.6	61.8	62.2	62.5	62.7	62.7	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 16000	61.9	62.2	62.5	62.8	63.0	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 14000	61.9	62.2	62.5	62.8	63.0	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 12000	62.4	62.6	62.9	63.2	63.4	63.4	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 10000	64.0	64.2	64.5	64.8	65.1	65.1	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 9000	64.3	64.5	64.8	65.2	65.4	65.4	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 8000	67.8	68.1	68.4	68.7	68.9	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 7000	68.6	68.8	69.1	69.5	69.7	69.7	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 6000	69.2	69.5	69.8	70.1	70.3	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 5000	70.5	70.8	71.1	71.4	71.6	71.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4500	71.3	71.5	71.8	72.2	72.4	72.4	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 4000	72.9	73.1	73.5	73.9	74.1	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 3500	74.6	75.2	75.6	75.9	76.1	76.1	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 3000	76.9	77.7	78.2	78.5	78.7	78.7	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 2500	78.3	79.1	79.6	79.9	80.2	80.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 2000	80.4	81.6	82.0	82.5	82.9	82.9	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1800	81.1	82.3	82.7	83.1	83.7	83.7	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1500	82.3	83.5	84.1	84.5	85.2	85.2	85.6	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1
GE 1200	84.0	85.4	85.9	86.3	87.0	87.0	87.4	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0
GE 1000	84.9	86.7	87.4	87.8	88.5	88.5	88.9	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5
GE 900	85.3	87.0	87.7	88.2	88.8	88.8	89.2	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8
GE 800	85.4	87.4	88.2	88.6	89.2	89.4	89.8	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
GE 700	85.4	87.5	88.4	88.9	89.7	89.8	90.2	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8
GE 600	85.6	87.7	88.7	89.2	90.3	90.4	90.9	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
GE 500	86.0	88.2	89.1	89.8	91.1	91.2	91.7	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7
GE 400	86.1	88.4	89.5	90.1	91.5	91.7	92.4	93.3	93.5	94.0	94.0	94.0	94.1	94.1	94.1	94.1
GE 300	86.3	88.6	89.7	90.3	91.9	92.2	93.3	94.5	94.7	95.3	95.3	95.3	95.5	95.5	95.7	96.1
GE 200	86.6	88.8	90.0	90.6	92.9	93.2	94.7	96.0	96.3	96.9	97.3	97.4	97.8	97.8	98.3	98.7
GE 100	86.6	88.8	90.0	90.6	92.9	93.2	94.7	96.0	96.3	96.9	97.4	97.6	98.1	98.5	98.9	99.8
GE 000	86.6	88.8	90.0	90.6	92.9	93.2	94.7	96.0	96.3	96.9	97.4	97.6	98.1	98.5	99.1	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	51.0	51.4	51.6	51.7	51.8	51.8	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.1	52.1
GE 20000	57.3	57.8	58.0	58.1	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.5	58.5	58.5
GE 18000	57.4	57.9	58.1	58.2	58.3	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.6	58.6
GE 16000	57.4	57.9	58.2	58.2	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6
GE 14000	57.5	58.1	58.3	58.3	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.8	58.8
GE 12000	58.4	59.0	59.2	59.3	59.4	59.4	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.7	59.7
GE 10000	60.6	61.1	61.3	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8
GE 9000	60.9	61.5	61.7	61.8	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.2	62.2	62.2
GE 8000	63.6	64.2	64.5	64.6	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0
GE 7000	64.6	65.3	65.5	65.6	65.8	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.1	66.1	66.1
GE 6000	65.1	65.8	66.0	66.1	66.3	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.6	66.6	66.6
GE 5000	66.0	66.6	66.9	67.0	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.5	67.5	67.5
GE 4500	66.9	67.5	67.8	67.9	68.2	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.5	68.5
GE 4000	69.1	69.9	70.3	70.5	70.7	70.7	70.8	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.1	71.1
GE 3500	70.8	71.7	72.1	72.3	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.9	72.9	72.9
GE 3000	72.5	73.5	74.0	74.2	74.5	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.8	74.8	74.8
GE 2500	74.6	75.8	76.4	76.7	77.0	77.0	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.3	77.3	77.3
GE 2000	76.7	78.0	78.7	79.0	79.4	79.4	79.5	79.5	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.8
GE 1800	77.3	78.6	79.3	79.6	80.0	80.1	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.5	80.5	80.5
GE 1500	79.5	81.0	81.7	82.1	82.6	82.6	82.7	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.1	83.1
GE 1200	81.3	83.0	83.9	84.3	84.9	85.0	85.1	85.2	85.2	85.3	85.3	85.3	85.4	85.5	85.5	85.5
GE 1000	82.5	84.5	85.6	86.1	86.7	86.8	87.0	87.1	87.2	87.3	87.4	87.4	87.4	87.5	87.5	87.5
GE 900	82.9	85.0	86.1	86.7	87.3	87.3	87.6	87.7	87.7	87.9	87.9	87.9	88.0	88.0	88.1	88.1
GE 800	83.3	85.5	86.7	87.3	88.0	88.1	88.4	88.5	88.5	88.8	88.8	88.8	88.8	88.9	88.9	89.0
GE 700	83.6	86.1	87.4	88.1	88.9	89.0	89.4	89.5	89.6	89.8	89.9	89.9	89.9	90.0	90.0	90.0
GE 600	83.8	86.4	87.8	88.7	89.6	89.8	90.3	90.6	90.7	90.9	91.0	91.0	91.0	91.1	91.1	91.1
GE 500	83.9	86.7	88.4	89.3	90.5	90.7	91.3	91.6	91.8	92.0	92.1	92.1	92.2	92.2	92.3	92.3
GE 400	84.1	87.0	88.8	89.8	91.1	91.4	92.1	92.6	92.9	93.5	93.7	93.7	93.8	93.9	93.9	94.0
GE 300	84.2	87.2	89.0	90.0	91.4	91.8	92.6	93.4	93.7	94.6	95.0	95.0	95.2	95.4	95.6	96.0
GE 200	84.2	87.2	89.1	90.1	91.7	92.0	93.0	93.8	94.2	95.3	96.1	96.1	96.7	97.0	97.5	98.1
GE 100	84.2	87.2	89.1	90.1	91.7	92.1	93.1	93.9	94.3	95.5	96.5	96.7	97.4	97.8	98.5	99.7
GE 000	84.2	87.2	89.1	90.1	91.7	92.1	93.1	93.9	94.3	95.5	96.5	96.7	97.5	97.8	98.6	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	53.3	53.8	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 20000	57.0	57.4	57.9	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 18000	57.1	57.6	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 16000	57.1	57.6	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 14000	57.1	57.6	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 12000	58.3	58.7	59.2	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 10000	59.8	60.3	60.8	60.9	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 9000	60.2	60.6	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 8000	61.7	62.2	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
GE 7000	61.7	62.2	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
GE 6000	63.0	63.7	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 5000	63.0	63.7	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 4500	64.1	64.8	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 4000	66.0	66.7	67.3	67.4	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 3500	66.8	67.6	68.2	68.3	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 3000	68.9	69.7	70.3	70.4	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 2500	71.0	71.9	72.5	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
GE 2000	72.8	73.6	74.2	74.3	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 1800	73.8	74.6	75.2	75.3	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 1500	78.0	79.1	79.8	80.0	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 1200	80.7	81.9	83.2	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 1000	82.7	84.4	85.9	86.4	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 900	83.1	85.0	86.6	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 800	83.9	86.1	87.8	88.3	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 700	84.4	86.8	88.9	89.4	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 600	84.9	87.2	89.5	90.0	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 500	85.8	88.2	90.5	91.0	92.2	92.3	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 400	85.9	88.3	91.3	92.0	93.6	93.7	94.0	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2
GE 300	85.9	88.3	91.3	92.0	94.0	94.2	94.4	94.4	94.4	94.9	95.5	95.5	95.7	95.7	95.7	95.7
GE 200	85.9	88.4	91.4	92.1	94.2	94.4	94.7	95.2	95.2	95.9	96.5	96.5	97.5	97.5	97.9	97.9
GE 100	85.9	88.4	91.4	92.1	94.2	94.8	95.0	95.5	95.5	96.3	97.2	97.2	98.5	98.8	99.4	99.6
GE 000	85.9	88.4	91.4	92.1	94.2	94.8	95.0	95.5	95.5	96.3	97.2	97.2	98.5	98.8	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	49.6	49.8	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.6	50.7	50.7	50.7	50.7	50.8	50.8
GE 20000	52.8	53.0	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.9	54.0	54.0	54.0	54.0	54.1	54.1
GE 18000	52.8	53.0	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.9	54.0	54.0	54.0	54.0	54.1	54.1
GE 16000	52.8	53.0	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.9	54.0	54.0	54.0	54.0	54.1	54.1
GE 14000	52.8	53.0	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.9	54.0	54.0	54.0	54.0	54.1	54.1
GE 12000	54.0	54.1	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.1	55.2	55.2	55.2	55.2	55.3	55.3
GE 10000	56.3	56.4	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.3	57.4	57.4	57.4	57.4	57.6	57.6
GE 9000	56.3	56.4	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.3	57.4	57.4	57.4	57.4	57.6	57.6
GE 8000	57.7	57.8	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.7	58.9	58.9	58.9	58.9	59.0	59.0
GE 7000	57.8	57.9	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.9	59.0	59.0	59.0	59.0	59.1	59.1
GE 6000	58.9	59.1	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.5	60.5
GE 5000	59.1	59.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.5	60.6	60.6	60.6	60.6	60.8	60.8
GE 4500	59.3	59.6	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.8	60.9	60.9	60.9	60.9	61.0	61.0
GE 4000	61.0	61.2	62.2	62.2	62.4	62.4	62.4	62.5	62.5	62.6	62.8	62.8	62.8	62.8	62.9	62.9
GE 3500	62.6	62.9	63.8	63.8	64.1	64.1	64.1	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.5	64.5
GE 3000	64.1	64.3	65.2	65.2	65.6	65.6	65.6	65.7	65.7	65.8	66.0	66.0	66.0	66.0	66.1	66.1
GE 2500	66.7	66.9	68.0	68.0	68.4	68.4	68.4	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.9	68.9
GE 2000	69.3	69.6	70.8	70.8	71.4	71.4	71.4	71.5	71.5	71.6	71.7	71.7	71.7	71.7	71.9	71.9
GE 1800	70.0	70.3	71.5	71.5	72.1	72.1	72.1	72.2	72.2	72.3	72.5	72.5	72.5	72.5	72.6	72.6
GE 1500	73.6	74.1	75.5	75.8	76.4	76.4	76.4	76.5	76.5	76.6	76.7	76.7	76.7	76.7	76.8	76.8
GE 1200	76.1	76.7	78.1	78.4	79.0	79.0	79.1	79.2	79.2	79.3	79.4	79.4	79.4	79.4	79.6	79.6
GE 1000	77.7	78.6	80.3	80.7	81.4	81.4	81.6	81.7	81.8	81.9	82.0	82.0	82.0	82.0	82.2	82.2
GE 900	78.8	80.0	81.8	82.3	83.0	83.0	83.1	83.2	83.3	83.5	83.6	83.6	83.6	83.6	83.7	83.7
GE 800	80.0	81.3	83.3	83.9	85.0	85.0	85.1	85.2	85.3	85.5	85.6	85.6	85.6	85.6	85.7	85.7
GE 700	80.7	82.2	84.2	84.9	86.2	86.2	86.3	86.4	86.5	86.6	86.8	86.8	86.8	86.8	86.9	86.9
GE 600	81.4	83.2	85.5	86.3	88.2	88.3	88.4	88.7	88.8	88.9	89.0	89.0	89.0	89.0	89.1	89.1
GE 500	81.9	83.7	85.9	86.8	89.4	89.6	89.7	90.1	90.2	90.3	90.5	90.5	90.5	90.5	90.7	90.7
GE 400	82.4	84.2	86.8	88.2	91.1	91.5	91.7	92.2	92.3	92.6	92.9	92.9	93.0	93.0	93.1	93.1
GE 300	82.5	84.4	87.2	88.7	92.0	92.3	92.7	93.4	93.5	94.0	94.6	94.6	94.9	94.9	95.2	95.2
GE 200	82.5	84.4	87.4	88.8	92.1	92.6	92.9	93.7	93.9	94.7	95.7	95.7	96.5	96.5	96.8	96.9
GE 100	82.5	84.4	87.5	88.9	92.4	93.1	93.5	94.3	94.4	95.3	96.7	96.7	98.0	98.0	99.1	99.4
GE 000	82.5	84.4	87.5	88.9	92.4	93.1	93.5	94.3	94.4	95.3	96.7	96.7	98.0	98.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 846

D - 2 - 11

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	42.7	43.5	44.0	44.3	44.8	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.2	45.2	45.2	45.2
GE 20000	45.6	46.9	47.4	47.8	48.3	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.7	48.7
GE 18000	45.6	46.9	47.4	47.8	48.3	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.7	48.7
GE 16000	45.6	46.9	47.4	47.8	48.3	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.7	48.7
GE 14000	45.6	46.9	47.4	47.8	48.3	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.7	48.7
GE 12000	47.0	48.5	48.9	49.3	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2
GE 10000	48.7	50.1	50.7	51.1	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0
GE 9000	49.2	50.6	51.2	51.5	52.1	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5
GE 8000	50.4	51.8	52.4	52.7	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.7
GE 7000	51.1	52.5	53.1	53.4	54.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4
GE 6000	51.5	53.2	53.8	54.1	54.7	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1
GE 5000	52.2	53.9	54.5	54.8	55.4	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8
GE 4500	52.7	54.4	55.2	55.6	56.4	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.9	56.9	56.9	56.9
GE 4000	54.8	56.5	57.6	57.9	58.9	58.9	59.1	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3
GE 3500	56.1	57.8	59.0	59.3	60.3	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.8
GE 3000	57.0	58.9	60.0	60.4	61.5	61.5	61.7	61.9	61.9	61.9	61.9	61.9	62.1	62.1	62.1	62.1
GE 2500	59.5	61.7	63.0	63.4	64.4	64.5	64.8	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1
GE 2000	62.3	64.8	66.1	66.4	67.8	68.0	68.2	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.6	68.6
GE 1800	62.9	65.4	66.7	67.0	68.4	68.6	68.8	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1
GE 1500	66.7	69.4	70.7	71.0	72.5	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.2	73.2	73.2	73.2
GE 1200	68.9	71.7	73.2	73.6	75.2	75.3	75.5	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1
GE 1000	70.9	74.1	76.0	76.5	78.1	78.3	78.5	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1
GE 900	72.0	75.7	77.9	78.5	80.1	80.3	80.5	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2
GE 800	72.5	76.4	78.6	79.3	81.0	81.1	81.3	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0
GE 700	73.0	77.8	80.7	81.8	83.6	83.7	83.9	84.5	84.5	84.6	84.6	84.6	84.8	84.8	84.8	84.8
GE 600	73.8	78.7	81.9	83.1	84.9	85.0	85.2	85.8	85.8	85.9	85.9	85.9	86.1	86.1	86.1	86.1
GE 500	74.0	79.3	82.9	84.5	87.0	87.2	87.7	88.5	88.5	88.7	88.9	88.9	89.0	89.0	89.0	89.0
GE 400	74.3	79.9	83.9	85.8	88.7	88.9	89.6	90.7	90.9	91.3	91.6	91.6	91.7	91.7	91.7	91.7
GE 300	74.3	80.1	84.2	86.2	89.5	89.8	90.8	92.0	92.2	93.4	94.1	94.3	94.6	94.6	94.7	94.7
GE 200	74.3	80.1	84.2	86.3	89.6	90.0	90.9	92.2	92.4	94.0	95.2	95.5	96.3	96.3	96.7	96.8
GE 100	74.5	80.4	84.4	86.5	89.8	90.2	91.1	92.6	92.8	94.3	96.2	96.7	98.0	98.2	99.1	99.5
GE 000	74.5	80.4	84.4	86.5	89.8	90.2	91.1	92.6	92.8	94.3	96.2	96.7	98.0	98.2	99.1	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	41.3	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 20000	46.7	47.5	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 18000	46.8	47.8	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 16000	46.9	47.9	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 14000	47.0	48.0	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 12000	48.8	49.8	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 10000	50.7	51.7	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 9000	51.3	52.2	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 8000	52.7	53.7	53.9	53.9	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 7000	53.2	54.3	54.5	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 6000	53.7	54.7	55.0	55.0	55.1	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 5000	55.6	56.7	57.0	57.1	57.2	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 4500	55.7	56.9	57.1	57.2	57.3	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 4000	57.8	59.3	59.6	59.8	59.9	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 3500	58.7	60.3	60.6	61.1	61.2	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 3000	60.4	61.9	62.3	62.9	63.0	63.2	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 2500	63.2	64.8	65.2	66.0	66.1	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 2000	67.4	69.6	70.2	70.9	71.0	71.4	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 1800	68.6	70.9	71.5	72.2	72.3	72.7	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 1500	70.9	73.5	74.2	74.9	75.1	75.4	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 1200	73.9	77.1	77.8	78.5	78.6	79.0	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 1000	74.9	78.5	79.6	80.9	81.1	81.4	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 900	76.0	79.9	81.2	82.6	83.0	83.3	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 800	76.7	81.0	82.4	83.9	84.4	84.8	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 700	77.2	82.3	83.9	85.7	86.4	86.9	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 600	78.1	83.3	85.2	87.4	88.2	88.7	89.1	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 500	78.6	83.8	85.9	88.2	89.6	90.2	90.8	91.5	91.6	91.7	91.8	91.8	92.0	92.0	92.0	92.0
GE 400	78.6	83.9	86.6	89.2	91.5	92.2	93.0	94.0	94.1	94.4	94.8	94.8	94.9	94.9	94.9	94.9
GE 300	78.6	83.9	86.8	89.4	91.8	92.7	93.6	94.6	94.7	95.5	96.3	96.3	96.6	96.6	96.7	96.7
GE 200	78.6	83.9	86.8	89.4	92.2	93.0	94.0	94.9	95.2	96.2	97.5	97.6	97.9	97.9	98.1	98.7
GE 100	78.6	83.9	86.8	89.4	92.2	93.0	94.0	94.9	95.2	96.5	98.0	98.1	98.5	98.6	99.3	99.9
GE 000	78.6	83.9	86.8	89.4	92.2	93.0	94.0	94.9	95.2	96.5	98.0	98.1	98.5	98.6	99.3	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: FEB HOURS: 12-14

CEILING 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	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 20000	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 18000	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 16000	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 14000	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 12000	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 10000	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 9000	57.1	57.1	57.1	57.1	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 8000	58.2	58.2	58.2	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 7000	58.9	58.9	58.9	58.9	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 6000	59.8	59.8	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 5000	61.3	61.3	61.3	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 4500	61.9	61.9	61.9	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
GE 4000	64.8	64.9	64.9	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 3500	67.5	67.6	67.6	67.6	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 3000	70.4	70.6	70.7	70.7	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 2500	74.6	74.8	75.1	75.1	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 2000	77.7	78.1	78.5	78.5	78.8	78.8	78.8	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0
GE 1800	78.3	78.7	79.2	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7
GE 1500	81.3	81.9	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9
GE 1200	83.6	84.2	85.0	85.1	85.5	85.5	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
GE 1000	84.9	85.8	86.8	87.0	87.7	87.7	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9
GE 900	85.3	86.6	87.7	88.1	88.9	88.9	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
GE 800	85.7	87.0	88.2	88.5	89.5	89.5	89.6	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0
GE 700	86.3	87.6	88.9	89.2	90.2	90.3	90.5	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 600	87.0	88.5	90.0	90.7	91.6	91.7	92.1	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6
GE 500	87.7	89.2	90.9	91.8	93.1	93.3	93.7	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4
GE 400	88.1	90.0	91.7	93.4	95.3	95.4	96.3	96.8	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4
GE 300	88.2	90.1	91.8	93.6	95.7	95.9	97.2	97.9	98.3	98.6	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	88.2	90.1	91.8	93.6	95.7	95.9	97.2	97.9	98.3	98.6	99.4	99.6	99.8	99.8	99.8	99.8
GE 100	88.2	90.1	91.8	93.6	95.7	95.9	97.2	97.9	98.3	98.6	99.6	99.9	100.0	100.0	100.0	100.0
GE 000	88.2	90.1	91.8	93.6	95.7	95.9	97.2	97.9	98.3	98.6	99.6	99.9	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	46.3	46.3	46.3	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 20000	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 18000	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 16000	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 14000	56.7	56.7	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 12000	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 10000	61.8	61.8	61.8	61.8	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 9000	61.8	61.8	61.8	61.8	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 8000	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 7000	64.3	64.3	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 6000	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 5000	65.8	66.0	66.0	66.0	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 4500	66.4	66.5	66.5	66.5	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 4000	69.5	69.6	69.6	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
GE 3500	72.6	72.7	72.7	72.7	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 3000	76.8	77.1	77.1	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
GE 2500	79.7	79.9	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	80.1
GE 2000	82.0	82.4	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	82.9
GE 1800	82.5	83.1	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6
GE 1500	84.8	85.5	85.7	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4
GE 1200	86.6	88.2	88.7	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6
GE 1000	87.2	88.9	89.5	89.8	90.4	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0
GE 900	87.7	89.4	90.0	90.3	91.1	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
GE 800	87.8	89.6	90.3	90.7	91.5	91.5	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.6
GE 700	87.9	89.7	90.4	90.9	91.7	91.7	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9
GE 600	88.7	90.4	91.5	92.0	92.9	92.9	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1
GE 500	88.8	90.8	92.1	92.6	93.6	93.7	94.7	95.3	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.1
GE 400	88.8	91.0	92.4	93.0	94.4	94.6	95.6	96.2	96.5	97.2	97.2	97.2	97.2	97.3	97.3	97.4
GE 300	88.8	91.1	92.6	93.3	94.8	94.9	96.2	96.8	97.3	98.0	98.3	98.3	98.5	98.5	98.6	98.7
GE 200	88.8	91.1	92.6	93.3	94.8	94.9	96.2	96.8	97.4	98.1	98.6	98.7	98.9	98.9	99.1	99.4
GE 100	88.8	91.1	92.6	93.3	94.8	94.9	96.2	96.8	97.4	98.1	98.8	98.9	99.2	99.2	99.3	100.0
GE 000	88.8	91.1	92.6	93.3	94.8	94.9	96.2	96.8	97.4	98.1	98.8	98.9	99.2	99.2	99.3	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 20000	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 18000	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 16000	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 14000	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 12000	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 10000	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 9000	65.7	65.7	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 8000	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	67.7
GE 7000	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 6000	69.1	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 5000	70.8	70.8	70.8	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 4500	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	72.0	72.0	72.0
GE 4000	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 3500	76.8	77.0	77.0	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 3000	79.3	79.4	79.4	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 2500	81.8	81.9	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	82.0
GE 2000	82.9	83.1	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
GE 1800	83.8	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	84.5
GE 1500	85.9	86.4	86.8	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 1200	86.8	87.6	88.1	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
GE 1000	87.6	88.9	89.5	90.1	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 900	88.1	89.4	90.0	90.5	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 800	88.3	89.6	90.2	90.8	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 700	88.5	90.0	90.5	91.1	92.1	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 600	88.5	90.2	90.8	91.5	92.6	92.6	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 500	88.7	90.8	91.5	92.7	93.9	94.0	94.2	94.4	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 400	88.8	91.0	91.7	93.3	94.6	94.7	95.2	95.4	95.7	96.2	96.5	96.5	96.5	96.5	96.5	96.5
GE 300	88.9	91.1	92.0	93.6	95.3	95.4	95.9	96.1	96.5	97.2	97.4	97.4	97.6	97.6	97.9	97.9
GE 200	89.0	91.3	92.2	94.0	95.6	95.7	96.3	96.6	96.9	97.6	97.9	98.0	98.6	98.6	99.1	99.1
GE 100	89.0	91.3	92.2	94.0	95.6	95.7	96.3	96.7	97.0	98.0	98.2	98.5	99.2	99.2	99.6	99.9
GE 000	89.0	91.3	92.2	94.0	95.6	95.7	96.3	96.7	97.0	98.0	98.2	98.5	99.2	99.2	99.6	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	58.6	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 20000	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 18000	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 16000	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 14000	63.7	63.8	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 12000	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 10000	67.3	67.4	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	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 8000	68.6	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	68.8
GE 7000	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 6000	69.9	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 5000	71.0	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	71.4
GE 4500	71.0	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	71.4
GE 4000	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	73.9	73.9	73.9
GE 3500	74.5	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
GE 3000	76.6	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 2500	78.1	78.7	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	79.0
GE 2000	79.7	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
GE 1800	80.3	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
GE 1500	82.5	83.2	83.8	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1200	84.4	85.1	85.8	86.4	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 1000	85.3	86.1	87.1	87.8	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 900	85.9	86.6	87.8	88.5	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 800	85.9	86.8	87.9	88.8	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 700	86.9	87.7	88.9	89.7	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 600	87.0	87.9	89.2	90.4	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 500	87.9	89.1	91.0	92.2	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 400	87.9	89.2	91.1	92.3	93.3	93.7	93.7	93.7	93.7	94.0	94.0	94.1	94.1	94.1	94.1	94.1
GE 300	88.4	89.8	91.7	93.0	94.3	94.8	94.8	94.8	94.8	95.2	95.6	95.7	95.7	95.7	95.9	96.0
GE 200	88.5	90.1	92.1	93.5	94.8	95.3	95.3	95.3	95.3	96.0	96.7	96.8	96.9	96.9	97.5	97.6
GE 100	88.5	90.1	92.1	93.5	94.8	95.9	96.0	96.0	96.0	96.7	97.4	97.5	98.5	98.5	99.5	100.0
GE 000	88.5	90.1	92.1	93.5	94.8	95.9	96.0	96.0	96.0	96.7	97.4	97.5	98.5	98.5	99.5	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: FEB 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	48.7	49.0	49.2	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5
GE 20000	54.1	54.5	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0
GE 18000	54.3	54.6	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2
GE 16000	54.3	54.7	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 14000	54.7	55.0	55.3	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6
GE 12000	56.1	56.5	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0
GE 10000	58.4	58.8	59.0	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 9000	58.6	59.0	59.2	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6
GE 8000	60.0	60.4	60.6	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0
GE 7000	60.5	60.9	61.2	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 6000	61.4	61.8	62.2	62.2	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 5000	62.4	62.9	63.2	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6
GE 4500	62.9	63.4	63.7	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2
GE 4000	65.1	65.8	66.1	66.2	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7
GE 3500	67.0	67.6	68.0	68.1	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6
GE 3000	69.2	69.9	70.3	70.5	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 2500	71.8	72.6	73.1	73.2	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 2000	74.2	75.2	75.8	75.9	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6
GE 1800	75.0	76.0	76.6	76.8	77.1	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
GE 1500	78.0	79.1	79.9	80.2	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9
GE 1200	80.1	81.6	82.5	82.9	83.4	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8
GE 1000	81.4	83.2	84.3	84.9	85.6	85.6	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1
GE 900	82.1	84.1	85.4	86.0	86.7	86.8	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
GE 800	82.6	84.7	86.1	86.8	87.6	87.7	87.9	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 700	83.1	85.5	87.1	87.8	88.8	88.9	89.2	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5
GE 600	83.7	86.2	87.9	88.9	90.0	90.1	90.4	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 500	84.2	86.9	88.8	90.0	91.5	91.7	92.1	92.5	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9
GE 400	84.4	87.2	89.5	90.9	92.8	93.1	93.6	94.1	94.3	94.6	94.8	94.8	94.9	94.9	94.9	94.9
GE 300	84.5	87.4	89.7	91.2	93.4	93.8	94.4	95.0	95.2	95.8	96.4	96.4	96.6	96.6	96.7	96.7
GE 200	84.5	87.4	89.8	91.4	93.6	94.0	94.7	95.3	95.6	96.4	97.2	97.3	97.8	97.8	98.1	98.3
GE 100	84.5	87.5	89.8	91.4	93.7	94.2	94.9	95.6	95.8	96.7	97.8	97.9	98.7	98.8	99.4	99.8
GE 000	84.5	87.5	89.8	91.4	93.7	94.2	94.9	95.6	95.8	96.7	97.8	97.9	98.7	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	56.3	56.3	56.5	56.5	56.6	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 20000	59.0	59.0	59.2	59.2	59.4	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 18000	59.0	59.0	59.2	59.2	59.4	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 16000	59.0	59.0	59.2	59.2	59.4	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 14000	59.2	59.2	59.5	59.5	59.6	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 12000	59.8	59.8	60.0	60.0	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 10000	61.1	61.1	61.3	61.3	61.4	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 9000	61.1	61.1	61.3	61.3	61.4	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 8000	62.5	62.5	62.7	62.7	62.8	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 7000	63.2	63.2	63.4	63.4	63.5	63.5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 6000	63.8	63.8	64.0	64.0	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 5000	65.2	65.2	65.4	65.5	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 4500	65.7	65.7	65.9	66.0	66.1	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 4000	67.3	67.3	67.5	67.6	67.7	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 3500	68.7	68.8	69.0	69.1	69.2	69.2	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 3000	69.6	69.7	69.9	70.0	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 2500	70.8	70.9	71.1	71.2	71.3	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 2000	74.2	74.3	74.5	74.7	74.8	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 1800	76.0	76.1	76.3	76.6	76.7	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1500	81.1	81.2	81.5	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
GE 1200	86.7	86.8	87.2	87.7	87.8	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1000	88.3	88.5	89.1	89.7	89.8	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 900	88.6	88.9	89.7	90.2	90.3	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 800	89.7	90.2	91.1	91.8	91.9	91.9	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 700	90.3	91.2	92.2	93.0	93.1	93.1	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 600	90.9	91.9	93.0	93.9	94.1	94.1	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 500	91.2	92.6	94.0	94.8	95.4	95.4	95.9	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 400	91.4	93.0	94.4	95.3	95.9	96.0	96.6	97.1	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4
GE 300	91.5	93.1	94.6	95.6	96.3	96.5	97.0	97.7	97.7	97.8	98.1	98.2	98.2	98.2	98.2	98.2
GE 200	91.5	93.4	94.9	95.9	96.7	96.8	97.3	98.4	98.4	98.6	98.9	99.0	99.0	99.0	99.0	99.0
GE 100	91.5	93.4	94.9	95.9	96.7	96.8	97.3	98.4	98.4	98.7	99.2	99.5	99.6	99.6	99.6	99.7
GE 000	91.5	93.4	94.9	95.9	96.7	96.8	97.3	98.4	98.4	98.7	99.2	99.6	99.7	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	47.1	47.5	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8
GE 20000	50.5	51.0	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4
GE 18000	50.5	51.0	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4
GE 16000	50.5	51.0	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4
GE 14000	50.5	51.0	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4
GE 12000	51.6	52.0	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5
GE 10000	52.7	53.1	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5
GE 9000	52.7	53.1	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5
GE 8000	54.2	54.6	54.8	54.9	54.9	54.9	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2
GE 7000	54.6	55.1	55.3	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6
GE 6000	55.1	55.5	55.7	55.8	55.8	55.8	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0
GE 5000	56.3	56.8	57.0	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4
GE 4500	57.2	57.6	57.8	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3
GE 4000	60.0	60.5	60.8	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2
GE 3500	61.6	62.2	62.4	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8
GE 3000	62.9	63.4	63.7	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1
GE 2500	65.7	66.2	66.5	66.8	66.8	66.8	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0
GE 2000	68.9	69.5	69.7	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2
GE 1800	70.4	71.1	71.3	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8
GE 1500	75.9	76.8	77.1	77.6	77.8	77.8	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
GE 1200	81.8	83.0	83.4	84.0	84.3	84.3	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
GE 1000	83.0	84.5	85.3	85.8	86.2	86.2	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6
GE 900	84.5	86.5	87.4	88.2	88.7	88.7	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
GE 800	85.7	87.8	89.1	90.0	90.5	90.5	90.6	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	86.9	89.5	90.8	91.8	92.4	92.4	92.5	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
GE 600	88.1	91.1	92.5	93.5	94.1	94.1	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5
GE 500	88.2	91.4	93.0	94.2	94.9	94.9	95.3	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 400	88.4	91.6	93.2	94.7	95.7	95.8	96.5	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 300	88.4	91.6	93.2	94.8	96.0	96.3	97.2	97.7	98.2	98.3	98.8	98.8	98.9	98.9	99.0	99.0
GE 200	88.4	91.6	93.2	94.8	96.0	96.3	97.2	97.7	98.2	98.5	99.0	99.0	99.1	99.1	99.2	99.2
GE 100	88.4	91.6	93.2	94.8	96.0	96.3	97.2	97.7	98.2	98.5	99.1	99.2	99.4	99.5	99.6	100.0
GE 000	88.4	91.6	93.2	94.8	96.0	96.3	97.2	97.7	98.2	98.5	99.1	99.2	99.4	99.5	99.6	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	41.3	42.7	43.1	43.7	43.7	43.7	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.9
GE 20000	45.9	47.3	47.7	48.3	48.3	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.5	48.6
GE 18000	45.9	47.3	47.7	48.3	48.3	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.5	48.6
GE 16000	45.9	47.3	47.7	48.3	48.3	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.5	48.6
GE 14000	45.9	47.3	47.7	48.3	48.3	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.5	48.6
GE 12000	46.2	47.6	48.2	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.9	49.0
GE 10000	48.1	49.5	50.0	50.5	50.5	50.5	50.5	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.9	51.0
GE 9000	48.3	49.7	50.2	50.8	50.8	50.8	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.1	51.2
GE 8000	49.5	50.9	51.4	51.9	51.9	51.9	51.9	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.3	52.4
GE 7000	50.1	51.5	52.0	52.6	52.6	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.9	53.0
GE 6000	50.5	52.2	52.7	53.2	53.2	53.2	53.2	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.5	53.7
GE 5000	52.0	53.7	54.3	54.9	54.9	54.9	54.9	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.3	55.4
GE 4500	52.7	54.3	54.9	55.6	55.6	55.6	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.9	56.0
GE 4000	56.2	58.1	58.7	59.4	59.4	59.4	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.7	59.8
GE 3500	58.2	60.0	60.6	61.3	61.3	61.3	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.6	61.7
GE 3000	59.6	61.4	62.0	62.7	62.7	62.7	62.7	62.8	62.8	62.9	62.9	62.9	62.9	62.9	63.0	63.1
GE 2500	61.8	63.9	64.5	65.3	65.4	65.4	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.7	65.8
GE 2000	65.2	67.6	68.3	69.0	69.2	69.2	69.2	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.7	69.8
GE 1800	67.1	69.6	70.2	71.0	71.2	71.2	71.2	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.7
GE 1500	71.8	74.6	75.4	76.1	76.5	76.5	76.5	76.7	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.1
GE 1200	75.9	79.2	80.2	81.0	81.3	81.3	81.3	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.8	81.9
GE 1000	77.8	81.5	82.9	84.0	84.3	84.3	84.3	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.9
GE 900	79.4	84.0	85.7	87.1	87.5	87.5	87.5	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.1	88.2
GE 800	80.2	85.1	87.3	88.7	89.1	89.1	89.1	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.7	89.8
GE 700	80.5	85.6	88.2	89.8	90.4	90.5	90.6	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.3	91.4
GE 600	81.1	86.5	89.0	90.6	91.4	91.5	91.7	91.9	92.0	92.3	92.3	92.3	92.3	92.3	92.4	92.5
GE 500	81.4	87.0	89.9	91.7	93.1	93.4	93.7	93.9	94.1	94.5	94.6	94.6	94.6	94.6	94.7	94.8
GE 400	81.5	87.2	90.1	92.0	93.7	94.0	94.6	94.9	95.3	95.7	95.8	95.8	95.8	95.8	96.0	96.1
GE 300	81.6	87.3	90.2	92.2	93.9	94.2	95.2	95.7	96.0	96.5	96.7	96.7	96.8	96.8	97.1	97.2
GE 200	81.6	87.3	90.2	92.2	93.9	94.2	95.3	95.8	96.1	97.0	97.6	97.7	98.5	98.5	98.8	98.9
GE 100	81.6	87.3	90.2	92.2	93.9	94.2	95.3	95.8	96.1	97.0	97.6	97.7	98.6	98.6	99.1	99.9
GE 000	81.6	87.3	90.2	92.2	93.9	94.2	95.3	95.8	96.1	97.0	97.6	97.7	98.6	98.6	99.1	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 20000	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 18000	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 16000	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 14000	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 12000	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 10000	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 9000	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 8000	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 7000	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 6000	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 5000	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 4500	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 4000	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 3500	62.3	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 3000	65.3	65.9	66.0	66.0	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 2500	68.8	69.6	69.9	69.9	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 2000	73.9	74.7	75.1	75.1	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 1800	75.3	76.1	76.5	76.7	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 1500	79.2	80.3	80.8	81.1	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 1200	82.5	83.9	84.4	84.8	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 1000	84.3	86.6	87.2	88.0	88.8	88.8	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 900	85.5	88.1	88.9	89.9	90.8	90.8	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 800	85.9	88.8	89.9	90.9	91.9	91.9	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 700	86.2	89.4	90.5	91.6	92.7	92.9	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 600	86.3	90.0	91.4	92.7	94.1	94.3	94.7	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 500	86.5	90.3	92.0	93.4	95.2	95.6	96.0	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 400	86.5	90.3	92.0	93.5	95.4	95.8	96.5	96.8	96.9	97.2	97.2	97.2	97.4	97.4	97.4	97.4
GE 300	86.5	90.4	92.2	93.7	95.9	96.3	97.1	97.4	97.8	98.6	98.6	98.6	98.8	98.8	98.8	98.8
GE 200	86.5	90.4	92.2	93.7	95.9	96.3	97.1	97.4	97.8	98.6	99.0	99.0	99.4	99.4	99.6	99.6
GE 100	86.5	90.4	92.2	93.7	95.9	96.3	97.1	97.4	97.8	98.6	99.0	99.0	99.4	99.4	99.7	100.0
GE 000	86.5	90.4	92.2	93.7	95.9	96.3	97.1	97.4	97.8	98.6	99.0	99.0	99.4	99.4	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: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 20000	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 18000	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 16000	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 14000	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 12000	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 10000	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 9000	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 8000	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	60.6	60.6	60.6
GE 7000	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 6000	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 5000	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 4500	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 4000	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	67.8	67.8
GE 3500	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	71.4	71.4
GE 3000	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 2500	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2000	84.8	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1800	85.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1500	87.7	89.2	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1200	89.5	91.4	91.7	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
GE 1000	90.1	92.8	93.3	93.3	93.4	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 900	90.2	93.0	93.5	93.5	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 800	90.5	93.5	94.2	94.3	94.5	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 700	90.8	94.2	94.9	95.2	95.6	95.8	95.9	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 600	91.0	94.4	95.4	95.6	96.7	97.0	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	91.2	94.6	95.6	95.9	97.0	97.3	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	91.2	94.6	95.6	95.9	97.4	97.7	98.1	98.5	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
GE 300	91.2	94.6	95.6	95.9	97.4	97.7	98.1	98.5	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	91.2	94.6	95.6	95.9	97.4	97.7	98.2	98.6	99.0	99.2	99.2	99.4	99.5	99.6	99.8	100.0
GE 100	91.2	94.6	95.6	95.9	97.4	97.7	98.2	98.6	99.0	99.2	99.2	99.4	99.5	99.6	99.8	100.0
GE 000	91.2	94.6	95.6	95.9	97.4	97.7	98.2	98.6	99.0	99.2	99.2	99.4	99.5	99.6	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	50.1	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 20000	59.5	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 18000	60.0	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 16000	60.0	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 14000	60.4	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 12000	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 10000	62.7	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 9000	63.4	63.8	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 8000	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 7000	67.8	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	68.4	68.4
GE 6000	69.0	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
GE 5000	70.3	70.6	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 4500	73.2	73.5	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 4000	77.2	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 3500	81.3	81.6	81.8	81.8	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 3000	84.7	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2500	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	88.4	88.4
GE 2000	89.7	90.1	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 1800	90.2	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	91.4
GE 1500	91.0	91.9	92.2	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1200	91.8	93.4	93.8	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1000	92.6	94.6	95.2	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	92.6	94.8	95.4	95.7	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 800	92.6	95.1	95.8	96.2	96.6	96.6	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	92.6	95.1	95.9	96.5	96.8	96.8	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	92.7	95.4	96.3	97.0	97.5	97.5	97.7	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	92.7	95.4	96.3	97.1	97.8	97.8	98.2	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	92.8	95.5	96.5	97.2	98.1	98.1	98.5	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	92.9	95.6	96.6	97.4	98.3	98.3	98.7	98.7	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
GE 200	92.9	95.6	96.6	97.4	98.3	98.3	98.7	98.7	99.4	99.6	99.6	99.6	99.7	99.8	99.9	99.9
GE 100	92.9	95.6	96.6	97.4	98.3	98.3	98.7	98.7	99.4	99.6	99.6	99.6	99.8	99.9	100.0	100.0
GE 000	92.9	95.6	96.6	97.4	98.3	98.3	98.7	98.7	99.4	99.6	99.6	99.6	99.8	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: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	56.2	56.8	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 20000	64.5	65.1	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 18000	64.6	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 16000	64.6	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 14000	65.1	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	65.9
GE 12000	66.5	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 10000	68.2	68.8	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 9000	68.7	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 8000	72.2	72.8	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	73.1
GE 7000	73.0	73.7	73.9	73.9	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 6000	73.2	73.9	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	74.2
GE 5000	73.9	74.5	74.8	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 4500	76.2	76.9	77.2	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
GE 4000	80.5	81.2	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
GE 3500	83.5	84.2	84.6	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3000	85.5	86.1	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 2500	87.2	88.0	88.4	88.6	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1
GE 2000	88.2	89.4	89.8	90.0	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5
GE 1800	88.5	89.9	90.3	90.5	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
GE 1500	89.9	91.9	92.4	92.6	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
GE 1200	91.2	93.4	94.2	94.4	94.6	94.7	94.7	94.8	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1
GE 1000	91.7	94.2	94.9	95.3	95.6	95.7	95.7	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 900	92.0	94.6	95.4	95.7	96.0	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5
GE 800	92.2	94.7	95.5	95.8	96.1	96.2	96.5	96.6	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 700	92.2	94.7	95.6	95.9	96.2	96.3	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 600	92.5	95.1	96.1	96.7	97.3	97.4	97.7	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 500	92.5	95.2	96.2	97.1	97.8	98.0	98.4	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 400	92.5	95.2	96.2	97.1	98.0	98.1	98.5	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 300	92.5	95.2	96.2	97.1	98.0	98.1	98.7	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 200	92.5	95.2	96.2	97.2	98.2	98.3	98.9	99.1	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	92.5	95.2	96.2	97.2	98.2	98.3	98.9	99.1	99.2	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 000	92.5	95.2	96.2	97.2	98.2	98.3	98.9	99.1	99.2	99.8	99.8	99.8	99.9	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	61.4	61.7	61.8	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	67.6	68.0	68.1	68.4	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 18000	67.6	68.0	68.1	68.4	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 16000	67.6	68.0	68.1	68.4	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 14000	67.7	68.1	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 12000	68.9	69.2	69.4	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 10000	70.4	70.8	70.9	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 9000	70.8	71.1	71.2	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 8000	71.9	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 7000	72.8	73.1	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 6000	73.0	73.3	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
GE 5000	73.3	73.7	73.8	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 4500	74.6	74.9	75.1	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 4000	77.6	78.1	78.2	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3500	79.5	79.9	80.0	80.4	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3000	81.0	81.6	81.7	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2500	81.8	82.5	82.6	83.0	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2000	84.2	84.8	84.9	85.4	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1800	85.3	85.9	86.1	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1500	88.1	88.8	89.0	89.5	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1200	90.3	91.2	91.6	92.0	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1000	92.8	93.9	94.3	94.7	94.8	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 900	93.2	94.5	94.9	95.4	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 800	93.3	94.6	95.1	95.5	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	93.7	95.1	95.5	96.0	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 600	93.7	95.1	95.5	96.3	96.8	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	93.8	95.3	95.7	96.7	97.2	97.4	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	93.8	95.3	95.7	96.7	97.6	97.8	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	93.8	95.3	95.7	96.7	97.7	98.0	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	93.8	95.3	95.8	96.9	98.0	98.2	98.8	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	93.8	95.3	95.8	96.9	98.0	98.2	98.8	99.4	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	93.8	95.3	95.8	96.9	98.0	98.2	98.8	99.4	99.4	99.7	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	50.0	50.4	50.6	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 20000	56.4	56.8	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 18000	56.5	56.9	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 16000	56.5	56.9	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 14000	56.8	57.2	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 12000	57.7	58.1	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 10000	59.3	59.7	59.9	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 9000	59.6	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 8000	61.5	61.9	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4
GE 7000	62.4	62.8	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3
GE 6000	62.9	63.4	63.6	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 5000	64.0	64.4	64.6	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0
GE 4500	65.3	65.8	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 4000	68.4	69.0	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
GE 3500	70.8	71.4	71.6	71.8	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0
GE 3000	73.1	73.7	74.0	74.2	74.2	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 2500	75.6	76.4	76.6	76.9	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 2000	78.6	79.5	79.8	80.0	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 1800	79.8	80.8	81.1	81.4	81.5	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 1500	83.1	84.4	84.7	85.1	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6
GE 1200	86.2	87.8	88.3	88.7	89.0	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1000	87.6	89.6	90.3	90.8	91.0	91.1	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 900	88.3	90.6	91.4	92.0	92.3	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7
GE 800	88.8	91.2	92.2	92.9	93.3	93.4	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 700	89.1	91.8	92.9	93.7	94.2	94.3	94.5	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
GE 600	89.5	92.4	93.7	94.5	95.2	95.4	95.6	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 500	89.7	92.7	94.1	95.1	96.1	96.2	96.6	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2
GE 400	89.7	92.8	94.2	95.3	96.5	96.7	97.2	97.5	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0
GE 300	89.8	92.9	94.3	95.4	96.7	96.9	97.6	97.9	98.2	98.5	98.6	98.6	98.7	98.7	98.8	98.8
GE 200	89.8	92.9	94.3	95.5	96.8	97.0	97.7	98.1	98.4	98.9	99.1	99.1	99.3	99.4	99.5	99.5
GE 100	89.8	92.9	94.3	95.5	96.8	97.0	97.7	98.1	98.4	98.9	99.2	99.3	99.5	99.5	99.7	99.9
GE 000	89.8	92.9	94.3	95.5	96.8	97.0	97.7	98.1	98.4	98.9	99.2	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	57.3	57.6	57.7	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 20000	61.6	61.9	62.2	62.2	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 18000	61.6	61.9	62.2	62.2	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 16000	61.6	61.9	62.2	62.2	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 14000	61.8	62.1	62.4	62.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 12000	61.9	62.2	62.6	62.6	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 10000	63.4	63.9	64.2	64.2	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 9000	63.4	63.9	64.2	64.2	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 8000	64.1	64.6	64.9	64.9	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 7000	64.4	64.9	65.2	65.2	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 6000	65.0	65.4	65.8	65.8	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 5000	66.0	66.4	66.8	66.8	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 4500	66.4	66.9	67.2	67.2	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 4000	68.9	69.3	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 3500	70.3	70.8	71.1	71.1	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 3000	71.4	72.3	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 2500	73.1	74.0	74.3	74.3	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 2000	76.6	77.4	77.8	77.8	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 1800	77.1	78.0	78.3	78.3	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 1500	81.2	82.3	82.8	82.9	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 1200	85.1	86.6	87.1	87.2	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 1000	86.9	88.8	89.6	89.8	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 900	89.1	91.0	91.9	92.3	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 800	90.2	92.3	93.2	93.8	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 700	90.8	92.9	93.8	94.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 600	91.2	93.6	94.4	95.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 500	91.3	93.8	94.8	95.3	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 400	91.7	94.1	95.1	95.7	96.9	97.2	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	91.7	94.1	95.1	95.7	96.9	97.2	97.7	97.9	97.9	98.0	98.3	98.3	98.7	98.7	98.7	98.7
GE 200	91.7	94.1	95.1	95.7	96.9	97.2	97.8	98.2	98.2	98.3	98.8	98.8	99.1	99.1	99.1	99.2
GE 100	91.7	94.1	95.1	95.7	96.9	97.2	97.8	98.2	98.2	98.3	98.8	98.8	99.1	99.2	99.4	100.0
GE 000	91.7	94.1	95.1	95.7	96.9	97.2	97.8	98.2	98.2	98.3	98.8	98.8	99.1	99.2	99.4	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: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	49.8	49.9	50.2	50.4	50.9	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1
GE 20000	53.3	53.4	53.8	54.0	54.4	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7
GE 18000	53.3	53.4	53.8	54.0	54.4	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7
GE 16000	53.3	53.4	53.8	54.0	54.4	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7
GE 14000	53.3	53.4	53.8	54.0	54.4	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7
GE 12000	53.4	53.6	53.9	54.1	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8
GE 10000	55.2	55.3	55.7	55.9	56.3	56.4	56.4	56.4	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6
GE 9000	55.8	55.9	56.3	56.6	57.0	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2
GE 8000	57.1	57.4	58.2	58.4	58.9	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1
GE 7000	57.4	57.8	58.6	58.8	59.2	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4
GE 6000	58.2	58.6	59.3	59.6	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2
GE 5000	58.7	59.1	59.9	60.1	60.6	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8
GE 4500	59.0	59.4	60.2	60.4	60.9	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1
GE 4000	62.1	62.6	63.3	63.6	64.0	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2
GE 3500	63.7	64.6	65.3	65.6	66.0	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2
GE 3000	64.9	65.9	66.7	66.9	67.3	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6
GE 2500	66.0	67.1	67.9	68.1	68.6	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8
GE 2000	70.8	72.2	73.1	73.3	73.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1
GE 1800	71.8	73.2	74.1	74.3	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
GE 1500	77.0	78.8	79.8	80.0	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8
GE 1200	80.6	82.7	83.9	84.1	84.7	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
GE 1000	82.2	84.8	86.0	86.2	86.9	87.0	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
GE 900	84.1	87.0	88.2	88.4	89.3	89.4	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
GE 800	85.9	89.0	90.6	90.8	92.1	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
GE 700	86.3	89.4	91.0	91.2	92.9	93.0	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
GE 600	86.4	89.8	91.3	91.8	93.6	93.7	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
GE 500	86.7	90.1	91.7	92.1	94.1	94.6	94.9	94.9	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.2
GE 400	87.0	90.4	92.1	92.9	95.2	95.7	96.3	96.4	96.4	97.1	97.2	97.2	97.3	97.3	97.3	97.3
GE 300	87.0	90.4	92.1	92.9	95.2	95.7	96.3	96.6	96.6	97.6	98.0	98.0	98.1	98.1	98.3	98.3
GE 200	87.0	90.4	92.1	92.9	95.2	95.7	96.7	96.9	96.9	98.1	98.7	98.7	98.9	98.9	99.2	99.2
GE 100	87.1	90.6	92.2	93.0	95.3	95.8	96.8	97.0	97.1	98.3	98.9	98.9	99.2	99.4	99.8	100.0
GE 000	87.1	90.6	92.2	93.0	95.3	95.8	96.8	97.0	97.1	98.3	98.9	98.9	99.2	99.4	99.8	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	42.7	44.2	45.1	45.7	45.9	46.0	46.1	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.6	46.6
GE 20000	46.6	48.6	49.7	50.3	50.6	50.7	50.8	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.2	51.2
GE 18000	46.7	48.7	49.8	50.4	50.7	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.3	51.3
GE 16000	46.7	48.7	49.8	50.4	50.7	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.3	51.3
GE 14000	46.7	48.7	49.8	50.4	50.7	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.3	51.3
GE 12000	46.9	49.0	50.1	50.8	51.0	51.1	51.2	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.7	51.7
GE 10000	47.8	50.0	51.1	51.8	52.0	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.7	52.7
GE 9000	47.9	50.1	51.2	51.9	52.1	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.6	52.6	52.8	52.8
GE 8000	49.9	52.2	53.4	54.1	54.3	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.8	55.0	55.0
GE 7000	50.6	52.9	54.1	54.8	55.0	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.7	55.7
GE 6000	51.6	53.9	55.1	55.8	56.0	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.7	56.7
GE 5000	52.4	54.9	56.1	56.8	57.0	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.7	57.7
GE 4500	52.9	55.3	56.6	57.2	57.4	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.9	57.9	58.1	58.1
GE 4000	55.4	58.1	59.3	60.0	60.2	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.9	60.9
GE 3500	58.1	60.9	62.2	62.9	63.1	63.2	63.4	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.9	63.9
GE 3000	58.8	61.8	63.1	63.8	64.0	64.2	64.4	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.9	64.9
GE 2500	60.7	64.0	65.3	66.0	66.2	66.4	66.7	66.8	66.8	66.8	66.8	66.8	66.9	66.9	67.1	67.1
GE 2000	63.9	67.6	68.9	69.7	69.9	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.8	70.8
GE 1800	64.6	68.3	69.7	70.4	70.7	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.6	71.6
GE 1500	69.1	73.1	74.6	75.3	75.7	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.6	76.6
GE 1200	71.7	76.1	77.8	78.6	79.0	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.9	79.9
GE 1000	73.9	78.7	80.4	81.6	82.1	82.3	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.8	83.0	83.0
GE 900	74.9	80.1	82.4	84.1	84.8	85.0	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.7	85.7
GE 800	76.3	81.8	84.4	86.2	87.0	87.3	87.6	87.7	87.7	87.7	87.7	87.7	87.8	87.8	88.0	88.0
GE 700	76.9	82.7	85.7	87.6	88.7	89.0	89.3	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.9	89.9
GE 600	77.2	83.2	86.2	88.2	89.7	90.0	90.3	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.9	90.9
GE 500	77.6	83.8	87.1	89.4	91.3	91.8	92.2	92.6	92.6	92.6	92.7	92.7	92.8	92.8	93.0	93.0
GE 400	77.8	84.1	87.4	90.2	92.9	93.4	93.9	94.3	94.8	94.9	95.0	95.0	95.2	95.2	95.4	95.4
GE 300	77.9	84.2	87.6	90.6	93.4	94.0	94.4	94.9	95.3	95.6	96.2	96.4	96.8	96.8	97.0	97.0
GE 200	77.9	84.2	87.6	90.6	93.4	94.0	94.4	94.9	95.3	95.9	96.9	97.1	97.7	97.9	98.4	98.4
GE 100	77.9	84.2	87.6	90.6	93.4	94.0	94.4	94.9	95.3	95.9	96.9	97.1	98.0	98.3	99.0	99.8
GE 000	77.9	84.2	87.6	90.6	93.4	94.0	94.4	94.9	95.3	95.9	96.9	97.1	98.0	98.3	99.0	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	46.1	46.9	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 20000	53.4	54.2	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 18000	53.6	54.3	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 16000	53.6	54.3	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 14000	53.7	54.4	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 12000	54.0	54.8	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 10000	55.2	56.0	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 9000	55.2	56.0	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 8000	57.1	57.9	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 7000	57.7	58.4	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 6000	58.7	59.4	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 5000	60.1	60.9	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 4500	60.6	61.3	61.8	61.8	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 4000	62.7	63.6	64.1	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
GE 3500	64.4	65.4	66.2	66.3	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 3000	67.7	69.1	70.0	70.2	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 2500	69.8	71.9	72.8	73.0	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 2000	74.2	76.6	77.8	78.0	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 1800	75.3	77.7	78.9	79.1	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 1500	79.0	81.7	83.1	83.7	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1200	81.4	84.1	85.8	86.3	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1000	82.8	85.9	88.0	88.8	89.4	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 900	83.1	86.3	88.8	89.9	90.8	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 800	83.9	87.2	89.7	90.9	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 700	84.1	87.6	90.2	91.4	92.3	92.3	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 600	84.6	88.2	90.9	92.1	93.4	93.4	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 500	84.6	88.4	91.3	92.7	94.3	94.4	95.4	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 400	84.6	88.6	91.4	92.9	94.9	95.1	96.6	96.9	97.0	97.3	97.4	97.4	97.6	97.6	97.6	97.6
GE 300	84.6	88.6	91.6	93.1	95.2	95.4	97.2	97.8	98.2	98.7	99.1	99.1	99.3	99.3	99.3	99.3
GE 200	84.6	88.6	91.6	93.1	95.3	95.6	97.3	97.9	98.3	98.8	99.2	99.2	99.6	99.6	99.7	99.7
GE 100	84.6	88.6	91.6	93.1	95.3	95.6	97.3	97.9	98.3	98.8	99.2	99.2	99.9	99.9	100.0	100.0
GE 000	84.6	88.6	91.6	93.1	95.3	95.6	97.3	97.9	98.3	98.8	99.2	99.2	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: APR 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	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 20000	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 18000	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 16000	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 14000	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 12000	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 10000	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 9000	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 8000	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 7000	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 6000	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 5000	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 4500	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 4000	69.4	70.0	70.0	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
GE 3500	73.1	73.9	73.9	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 3000	78.4	79.4	79.7	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
GE 2500	81.8	83.2	83.4	83.8	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 2000	84.7	86.7	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 1800	86.6	88.7	89.0	89.7	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 1500	88.8	91.2	92.0	92.7	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 1200	89.8	92.4	93.6	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1000	89.9	92.8	94.1	95.0	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	90.2	93.1	94.4	95.7	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 800	90.8	93.8	95.2	96.7	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 700	91.2	94.3	95.8	97.2	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	91.3	94.4	95.9	97.7	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	91.3	94.4	95.9	97.8	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	91.3	94.6	96.2	98.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	91.3	94.6	96.2	98.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 200	91.3	94.6	96.2	98.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 100	91.3	94.6	96.2	98.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 000	91.3	94.6	96.2	98.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	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: 722576 STATION NAME: ROBERT GRAY AAF/PORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 20000	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 18000	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 16000	63.3	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 14000	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 12000	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 10000	67.2	67.3	67.3	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 9000	67.2	67.3	67.3	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 8000	69.8	69.9	69.9	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 7000	70.1	70.2	70.2	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	70.3	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 5000	71.4	71.7	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 4500	72.7	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 4000	76.7	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
GE 3500	81.3	81.9	82.1	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 3000	87.1	87.7	88.3	88.6	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 2500	90.0	90.9	91.6	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 2000	92.0	93.4	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1800	92.2	93.7	94.3	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 1500	93.0	94.4	95.2	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
GE 1200	93.9	95.6	96.3	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
GE 1000	94.9	96.6	97.3	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	95.1	96.9	97.9	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 800	95.4	97.4	98.4	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	95.4	97.4	98.4	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	95.6	97.6	98.6	99.2	99.2	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	95.6	97.6	98.6	99.2	99.2	99.2	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	95.7	97.7	98.7	99.3	99.3	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	95.7	97.7	98.7	99.3	99.3	99.3	99.4	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
GE 200	95.7	97.7	98.7	99.3	99.3	99.3	99.4	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
GE 100	95.7	97.7	98.7	99.3	99.3	99.3	99.4	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
GE 000	95.7	97.7	98.7	99.3	99.3	99.3	99.4	99.6	99.8	99.8	99.8	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 20000	69.2	69.4	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 18000	69.2	69.4	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 16000	69.2	69.4	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 14000	69.6	69.8	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 12000	70.6	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 10000	72.7	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 9000	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	73.3	73.3
GE 8000	76.8	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
GE 7000	77.6	77.8	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 6000	78.4	78.7	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	79.0
GE 5000	79.6	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
GE 4500	80.8	81.0	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	81.4
GE 4000	83.9	84.1	84.7	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 3500	86.4	86.7	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
GE 3000	89.2	89.6	90.3	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 2500	91.2	91.7	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2000	93.1	93.7	94.4	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1800	93.7	94.2	95.1	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1500	94.7	95.2	96.1	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200	94.9	95.7	96.7	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	95.6	96.3	97.3	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	95.8	96.6	97.6	98.0	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 800	96.0	96.9	98.0	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	96.0	96.9	98.0	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	96.0	97.2	98.3	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	96.0	97.3	98.4	99.1	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	96.0	97.3	98.4	99.1	99.3	99.4	99.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	96.0	97.3	98.4	99.1	99.3	99.4	99.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	96.0	97.3	98.4	99.1	99.3	99.4	99.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	96.0	97.3	98.4	99.1	99.3	99.4	99.4	99.4	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	96.0	97.3	98.4	99.1	99.3	99.4	99.4	99.6	99.7	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	61.7	61.7	62.3	62.4	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 20000	69.2	69.3	70.0	70.1	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 18000	69.2	69.3	70.0	70.1	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 16000	69.2	69.3	70.0	70.1	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 14000	69.6	69.7	70.3	70.4	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 12000	70.2	70.3	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
GE 10000	71.9	72.0	72.7	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 9000	71.9	72.0	72.7	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 8000	74.1	74.2	74.9	75.0	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 7000	74.7	74.9	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 6000	75.3	75.6	76.2	76.3	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 5000	76.3	76.6	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
GE 4500	76.9	77.1	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
GE 4000	78.7	78.9	79.8	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
GE 3500	79.9	80.1	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 3000	81.9	82.1	83.3	83.6	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 2500	84.3	84.7	86.1	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
GE 2000	87.0	87.3	88.9	89.1	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 1800	87.6	88.1	89.8	90.0	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1500	90.0	90.6	92.3	92.7	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1200	91.8	92.4	94.2	94.6	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	93.3	94.0	95.8	96.1	96.4	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	93.9	94.6	96.3	96.7	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	94.1	94.8	96.6	96.9	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 700	94.3	95.0	96.8	97.1	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	94.3	95.0	96.9	97.2	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	94.3	95.0	97.0	97.3	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 400	94.4	95.2	97.2	97.6	98.1	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	94.6	95.3	97.3	97.7	98.2	98.2	98.7	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	94.6	95.3	97.3	97.7	98.2	98.2	98.7	98.8	98.8	99.1	99.2	99.2	99.3	99.3	99.6	99.7
GE 100	94.6	95.3	97.3	97.7	98.2	98.2	98.7	98.8	98.8	99.1	99.2	99.2	99.6	99.6	99.8	99.9
GE 000	94.6	95.3	97.3	97.7	98.2	98.2	98.7	98.8	98.8	99.1	99.2	99.2	99.7	99.7	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	52.6	52.9	53.2	53.4	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 20000	59.3	59.8	60.2	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6
GE 18000	59.4	59.9	60.3	60.4	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 16000	59.4	59.9	60.3	60.4	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 14000	59.6	60.1	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	60.1	60.6	61.0	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 10000	61.8	62.3	62.7	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2
GE 9000	61.9	62.5	62.9	63.0	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 8000	64.0	64.6	65.0	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5
GE 7000	64.4	65.0	65.5	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 6000	65.2	65.8	66.2	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7
GE 5000	66.1	66.8	67.3	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7
GE 4500	66.8	67.5	68.0	68.1	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 4000	69.7	70.5	71.0	71.2	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 3500	72.2	73.0	73.7	73.9	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 3000	74.9	76.0	76.8	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4
GE 2500	77.1	78.4	79.2	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9
GE 2000	80.3	81.9	82.8	83.0	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1800	81.1	82.7	83.7	84.0	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5
GE 1500	84.1	85.9	87.0	87.4	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0
GE 1200	86.1	88.2	89.4	89.8	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5
GE 1000	87.4	89.7	91.1	91.6	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4
GE 900	88.3	90.7	92.2	92.9	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8
GE 800	89.1	91.7	93.3	94.1	94.7	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 700	89.4	92.0	93.7	94.6	95.3	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 600	89.6	92.4	94.1	95.0	95.9	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4
GE 500	89.7	92.6	94.3	95.4	96.4	96.6	96.9	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2
GE 400	89.8	92.8	94.6	95.7	97.0	97.2	97.7	97.8	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 300	89.8	92.8	94.6	95.8	97.1	97.3	97.9	98.1	98.2	98.5	98.8	98.8	99.0	99.0	99.0	99.0
GE 200	89.8	92.8	94.6	95.8	97.1	97.4	97.9	98.2	98.3	98.7	99.1	99.1	99.3	99.3	99.5	99.5
GE 100	89.8	92.8	94.6	95.8	97.1	97.4	97.9	98.2	98.4	98.7	99.1	99.1	99.5	99.6	99.8	100.0
GE 000	89.8	92.8	94.6	95.8	97.1	97.4	97.9	98.2	98.4	98.7	99.1	99.1	99.5	99.6	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	52.4	53.0	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5
GE 20000	59.8	61.0	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6
GE 18000	59.8	61.0	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6
GE 16000	59.8	61.0	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6
GE 14000	60.0	61.2	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8
GE 12000	60.3	61.5	61.9	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3
GE 10000	63.0	64.2	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9
GE 9000	63.0	64.2	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9
GE 8000	63.9	65.1	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 7000	65.1	66.2	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0
GE 6000	65.1	66.2	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0
GE 5000	66.1	67.3	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 4500	66.5	67.6	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4
GE 4000	68.5	69.7	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4
GE 3500	69.7	71.0	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7
GE 3000	73.0	74.5	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3
GE 2500	74.8	76.3	76.9	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
GE 2000	78.6	80.3	81.0	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5
GE 1800	79.6	81.3	81.9	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5
GE 1500	84.0	86.0	86.7	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5
GE 1200	87.3	89.6	90.4	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4
GE 1000	89.7	92.3	93.5	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5
GE 900	90.2	93.2	94.5	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
GE 800	90.9	94.2	95.5	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5
GE 700	91.1	94.6	95.9	96.2	96.8	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 600	91.4	95.1	96.3	96.7	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 500	91.8	95.6	97.1	97.4	98.1	98.1	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	91.9	95.7	97.2	97.5	98.2	98.2	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	91.9	95.7	97.2	97.8	98.5	98.5	99.4	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	91.9	95.7	97.2	98.0	98.7	98.7	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	91.9	95.7	97.2	98.0	98.7	98.7	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	91.9	95.7	97.2	98.0	98.7	98.7	99.6	99.6	99.6	99.8	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	41.4	44.5	45.2	45.5	45.7	45.7	45.7	45.7	45.7	45.8	45.8	45.8	45.9	45.9	45.9	46.0
GE 20000	47.1	50.3	51.1	51.4	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.8	51.8	51.8	51.9
GE 18000	47.1	50.3	51.1	51.4	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.8	51.8	51.8	51.9
GE 16000	47.1	50.3	51.1	51.4	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.8	51.8	51.8	51.9
GE 14000	47.6	50.9	51.6	51.9	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.4	52.4	52.4	52.5
GE 12000	48.1	51.4	52.4	52.7	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.1	53.1	53.1	53.2
GE 10000	49.8	53.1	54.1	54.4	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.9
GE 9000	49.8	53.1	54.1	54.4	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.9
GE 8000	50.5	53.9	54.9	55.3	55.5	55.5	55.5	55.5	55.5	55.7	55.7	55.7	55.8	55.8	55.8	55.9
GE 7000	50.9	54.2	55.3	55.6	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.0	56.1	56.1	56.1	56.2
GE 6000	50.9	54.2	55.3	55.6	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.0	56.1	56.1	56.1	56.2
GE 5000	51.8	55.2	56.2	56.6	56.8	56.8	56.8	56.8	56.8	57.0	57.0	57.0	57.1	57.1	57.1	57.2
GE 4500	51.9	55.3	56.3	56.7	56.9	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.2	57.2	57.2	57.3
GE 4000	53.3	56.7	57.7	58.1	58.5	58.5	58.5	58.5	58.5	58.7	58.7	58.7	58.8	58.8	58.8	58.9
GE 3500	54.4	58.0	59.1	59.6	60.0	60.0	60.0	60.0	60.0	60.2	60.2	60.2	60.3	60.3	60.3	60.4
GE 3000	56.2	59.9	61.3	61.7	62.2	62.2	62.2	62.2	62.2	62.4	62.4	62.4	62.5	62.5	62.5	62.6
GE 2500	59.6	63.4	65.2	65.7	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.3	66.5	66.5	66.5	66.6
GE 2000	64.4	68.8	70.9	71.6	72.2	72.2	72.2	72.2	72.2	72.4	72.4	72.4	72.5	72.5	72.5	72.7
GE 1800	64.7	69.5	71.5	72.3	72.8	72.8	72.8	72.8	72.8	73.0	73.0	73.0	73.1	73.1	73.1	73.3
GE 1500	71.4	76.7	79.0	79.8	80.4	80.4	80.4	80.4	80.4	80.6	80.6	80.6	80.8	80.8	80.8	81.0
GE 1200	75.3	81.5	84.1	85.1	85.7	85.7	85.7	85.7	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.2
GE 1000	77.6	84.4	87.0	88.3	88.9	88.9	89.0	89.0	89.0	89.4	89.4	89.4	89.5	89.5	89.5	89.7
GE 900	79.2	86.6	89.1	90.4	91.1	91.1	91.2	91.2	91.2	91.7	91.7	91.7	91.8	91.8	91.8	92.0
GE 800	80.3	88.5	91.1	92.4	93.0	93.0	93.1	93.1	93.1	93.7	93.7	93.7	93.8	93.8	93.8	94.0
GE 700	81.1	89.4	91.9	93.2	94.0	94.0	94.1	94.1	94.1	94.6	94.6	94.6	94.7	94.7	94.7	94.9
GE 600	81.2	89.8	92.4	93.7	94.4	94.4	94.5	94.5	94.7	95.3	95.3	95.3	95.4	95.4	95.4	95.6
GE 500	81.6	90.6	93.4	94.7	95.5	95.6	95.9	95.9	96.2	96.8	96.8	96.8	96.9	96.9	96.9	97.1
GE 400	81.8	91.1	94.2	95.6	96.3	96.5	96.9	97.0	97.3	98.0	98.0	98.0	98.1	98.1	98.1	98.3
GE 300	81.8	91.2	94.3	95.7	96.8	96.9	97.4	97.7	98.1	98.8	98.9	98.9	99.0	99.0	99.0	99.2
GE 200	81.9	91.3	94.4	95.8	96.9	97.0	97.5	97.8	98.2	98.9	99.0	99.0	99.2	99.2	99.4	99.6
GE 100	81.9	91.3	94.4	95.8	97.0	97.1	97.6	98.0	98.3	99.0	99.1	99.2	99.5	99.5	99.7	99.9
GE 000	81.9	91.3	94.4	95.8	97.0	97.1	97.6	98.0	98.3	99.0	99.1	99.2	99.5	99.5	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	32.8	34.1	35.6	36.7	36.8	36.8	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.1
GE 20000	38.0	39.7	41.6	43.0	43.1	43.1	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.5
GE 18000	38.0	39.7	41.6	43.0	43.1	43.1	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.5
GE 16000	38.0	39.7	41.6	43.0	43.1	43.1	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.5
GE 14000	38.8	40.5	42.5	43.9	44.0	44.0	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.4
GE 12000	39.0	40.8	42.7	44.1	44.2	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.5	44.8
GE 10000	42.3	44.4	46.3	47.7	47.8	47.8	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.5
GE 9000	42.6	44.8	46.8	48.2	48.3	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.9
GE 8000	44.2	46.5	48.4	50.0	50.2	50.2	50.2	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.6	51.0
GE 7000	44.6	47.0	48.9	50.6	50.9	50.9	50.9	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.3	51.6
GE 6000	45.7	48.1	50.0	51.7	51.9	51.9	51.9	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.4	52.7
GE 5000	46.1	48.5	50.4	52.2	52.4	52.4	52.4	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.8	53.1
GE 4500	46.3	48.7	50.6	52.4	52.6	52.6	52.6	52.8	52.8	52.9	52.9	52.9	52.9	52.9	53.0	53.3
GE 4000	48.5	51.3	53.2	55.1	55.3	55.3	55.3	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.7	56.0
GE 3500	50.5	53.7	55.7	57.6	57.8	57.8	57.8	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.3	58.6
GE 3000	52.9	56.2	58.3	60.5	60.8	60.8	60.8	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.2	61.5
GE 2500	57.1	61.0	63.4	65.7	65.9	65.9	65.9	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.3	66.7
GE 2000	60.4	64.6	67.5	69.8	70.2	70.3	70.3	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.9	71.2
GE 1800	61.1	65.7	68.6	70.9	71.3	71.4	71.4	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.9	72.3
GE 1500	64.2	69.8	73.1	75.7	76.3	76.6	76.7	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.5
GE 1200	67.6	74.0	77.6	80.4	81.3	81.5	81.7	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.4	82.7
GE 1000	69.0	76.5	80.2	83.2	85.1	85.3	85.5	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.3	86.7
GE 900	70.1	78.3	82.3	85.4	87.2	87.4	87.6	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.5	88.8
GE 800	71.1	79.4	83.4	86.9	88.8	89.1	89.4	89.9	89.9	90.2	90.2	90.2	90.3	90.3	90.4	90.8
GE 700	72.3	80.6	85.2	88.8	91.0	91.3	91.6	92.2	92.2	92.5	92.5	92.5	92.6	92.6	92.7	93.0
GE 600	72.6	81.2	86.0	89.8	92.0	92.5	93.2	93.8	93.9	94.2	94.2	94.2	94.3	94.3	94.4	94.7
GE 500	72.9	82.2	87.1	91.0	94.0	94.4	95.4	96.0	96.1	96.5	96.5	96.5	96.6	96.6	96.7	97.0
GE 400	73.0	82.3	87.2	91.3	94.3	94.7	95.7	96.3	96.5	96.8	96.9	96.9	97.0	97.0	97.1	97.4
GE 300	73.2	82.5	87.5	91.6	94.6	95.3	96.2	97.0	97.1	97.4	97.6	97.7	97.8	97.8	98.0	98.3
GE 200	73.2	82.5	87.5	91.6	94.6	95.3	96.3	97.1	97.2	97.7	98.2	98.3	98.9	98.9	99.2	99.6
GE 100	73.2	82.6	87.6	91.7	94.7	95.4	96.5	97.2	97.3	98.0	98.4	98.5	99.1	99.1	99.6	99.9
GE 000	73.2	82.6	87.6	91.7	94.7	95.4	96.5	97.2	97.3	98.0	98.4	98.5	99.1	99.1	99.6	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	36.5	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 20000	43.5	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 18000	43.8	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 16000	43.9	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 14000	44.4	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 12000	44.9	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 10000	48.7	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 9000	49.2	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 8000	50.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 7000	51.4	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 6000	51.7	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 5000	52.6	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 4500	53.1	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 4000	56.2	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 3500	59.9	62.3	62.7	62.7	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 3000	65.5	68.4	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 2500	71.2	74.8	75.7	75.9	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 2000	75.4	80.2	81.2	81.4	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 1800	76.5	81.4	82.4	82.7	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 1500	78.8	84.5	85.7	86.1	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1200	82.5	88.5	89.7	90.1	90.4	90.4	90.4	90.5	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8
GE 1000	83.9	90.2	91.5	92.3	92.8	92.8	92.8	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1
GE 900	84.6	91.2	92.5	93.2	93.8	93.8	93.8	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1
GE 800	85.2	91.7	93.1	94.0	94.5	94.5	94.6	94.7	94.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1
GE 700	85.4	92.4	94.1	94.9	95.5	95.5	95.9	96.0	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3
GE 600	85.8	92.9	94.9	95.8	96.3	96.3	96.9	97.0	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5
GE 500	85.9	93.2	95.3	96.2	96.8	96.8	97.3	97.4	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0
GE 400	86.0	93.3	95.5	96.6	97.1	97.1	97.6	98.0	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	86.0	93.3	95.5	96.6	97.1	97.1	97.6	98.1	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	86.0	93.3	95.5	96.6	97.3	97.3	97.8	98.3	98.8	99.1	99.4	99.4	99.5	99.5	99.5	99.5
GE 100	86.0	93.3	95.5	96.6	97.3	97.3	97.8	98.3	98.8	99.1	99.4	99.7	99.8	99.8	100.0	100.0
GE 000	86.0	93.3	95.5	96.6	97.3	97.3	97.8	98.3	98.8	99.1	99.4	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	41.5	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 20000	52.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 18000	53.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 16000	53.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 14000	53.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 12000	54.3	55.4	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 10000	56.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 9000	57.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 8000	58.5	59.7	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 7000	59.9	61.1	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 6000	60.1	61.3	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 5000	61.9	63.1	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 4500	62.5	63.7	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 4000	66.1	67.3	67.4	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 3500	74.2	75.6	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	76.5
GE 3000	81.7	83.3	84.4	84.6	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 2500	85.8	87.7	89.0	89.2	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 2000	87.7	89.9	91.3	91.5	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	88.3	90.4	91.8	92.0	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 1500	89.9	92.3	93.8	94.0	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	91.1	93.8	95.5	95.7	96.2	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	91.7	94.7	96.5	96.7	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	91.7	94.7	96.6	96.9	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 800	91.7	94.7	96.7	97.0	97.8	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	91.7	94.7	96.8	97.2	98.1	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	91.7	94.7	96.8	97.2	98.2	98.2	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	91.8	94.8	96.9	97.3	98.3	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	91.8	94.8	97.0	97.4	98.6	98.6	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	91.8	94.8	97.0	97.4	98.8	98.8	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	91.8	94.8	97.0	97.4	99.0	99.0	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.8	94.8	97.0	97.4	99.0	99.0	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.8	94.8	97.0	97.4	99.0	99.0	99.6	99.7	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	47.5	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 20000	62.5	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 18000	62.5	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 16000	62.5	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 14000	62.9	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 12000	63.7	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 10000	66.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 9000	66.3	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	67.3
GE 8000	69.6	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 7000	70.9	71.8	71.8	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 6000	71.8	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 5000	73.0	74.1	74.1	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 4500	74.3	75.4	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4000	77.2	78.3	78.4	78.7	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	83.7	85.1	85.3	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 3000	89.1	91.0	91.4	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2500	90.8	93.0	93.4	94.1	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2000	92.3	94.7	95.3	95.9	96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1800	92.4	94.9	95.5	96.1	96.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	93.0	95.7	96.2	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 1200	93.3	96.0	96.6	97.2	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	93.4	96.1	96.8	97.4	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	93.5	96.2	96.9	97.5	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	93.8	96.5	97.1	97.8	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 700	93.9	96.6	97.2	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	94.1	96.9	97.5	98.4	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	94.3	97.1	97.7	98.6	99.2	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	94.3	97.1	97.8	98.7	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.3	97.1	97.8	98.7	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.3	97.1	97.8	98.7	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.3	97.1	97.8	98.7	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.3	97.1	97.8	98.7	99.4	99.4	99.9	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 20000	71.1	71.8	71.8	71.8	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 18000	71.3	72.0	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 16000	71.6	72.4	72.4	72.4	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 14000	72.7	73.4	73.4	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
GE 12000	73.5	74.3	74.3	74.3	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 10000	76.0	76.8	76.8	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
GE 9000	76.0	76.8	76.8	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
GE 8000	78.7	79.5	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
GE 7000	79.7	80.4	80.4	80.4	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	80.1	80.9	80.9	80.9	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	81.3	82.0	82.0	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
GE 4500	81.5	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4000	84.4	85.2	85.2	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
GE 3500	88.8	89.6	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3000	92.0	92.9	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
GE 2500	92.6	93.5	93.8	93.9	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 2000	93.3	94.7	95.1	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1800	93.4	94.8	95.2	95.3	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 1500	94.2	95.6	96.0	96.1	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1200	94.8	96.3	96.8	97.0	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	95.4	97.0	97.6	97.8	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	95.5	97.1	97.8	98.1	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	95.6	97.2	98.0	98.2	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	95.6	97.2	98.1	98.4	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	95.8	97.4	98.3	98.6	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	95.9	97.5	98.4	98.8	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.9	97.5	98.4	98.8	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.9	97.5	98.4	98.8	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.9	97.5	98.4	98.8	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.9	97.5	98.4	98.8	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.9	97.5	98.4	98.8	99.7	99.7	99.8	99.8	99.8	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 20000	73.4	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	74.6
GE 18000	73.5	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	74.7	74.7
GE 16000	73.5	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	74.7	74.7
GE 14000	74.0	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
GE 12000	74.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 10000	77.0	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 9000	77.0	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 8000	78.5	79.5	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 7000	79.5	80.4	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 6000	79.5	80.4	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 5000	80.3	81.3	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 4500	80.5	81.5	81.8	81.8	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 4000	82.8	83.8	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 3500	84.2	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3000	87.8	89.6	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 2500	88.4	90.3	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2000	90.1	92.1	93.2	93.3	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 1800	90.4	92.7	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500	91.9	94.4	95.7	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 1200	92.8	95.3	96.6	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1000	93.9	96.5	97.8	98.0	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 900	94.1	96.7	98.1	98.2	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	94.2	96.8	98.2	98.3	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 700	94.3	97.0	98.4	98.6	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 600	94.4	97.1	98.5	98.8	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	94.6	97.3	98.7	99.0	99.0	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	94.8	97.5	98.9	99.2	99.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	94.8	97.5	99.0	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.8	97.5	99.0	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.8	97.5	99.0	99.5	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.8	97.5	99.0	99.5	99.6	99.6	99.8	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	46.2	47.2	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.9
GE 20000	56.0	57.5	57.9	58.1	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 18000	56.1	57.6	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4
GE 16000	56.2	57.6	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5
GE 14000	56.8	58.2	58.6	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1
GE 12000	57.3	58.8	59.2	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7
GE 10000	60.0	61.5	62.0	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5
GE 9000	60.2	61.7	62.2	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7
GE 8000	61.8	63.4	63.9	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5
GE 7000	62.7	64.3	64.8	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4
GE 6000	63.1	64.7	65.2	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8
GE 5000	64.2	65.8	66.3	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9
GE 4500	64.6	66.2	66.8	67.1	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4
GE 4000	67.1	68.8	69.4	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0
GE 3500	70.7	72.6	73.2	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9
GE 3000	74.8	77.0	77.8	78.3	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7
GE 2500	77.5	80.0	81.0	81.6	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1
GE 2000	80.3	83.2	84.4	85.0	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6
GE 1800	80.8	83.8	85.1	85.6	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3
GE 1500	83.4	86.9	88.3	88.9	89.4	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7
GE 1200	85.6	89.4	90.9	91.6	92.1	92.2	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.6
GE 1000	86.8	91.0	92.6	93.4	94.1	94.1	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.6
GE 900	87.4	91.7	93.5	94.3	95.0	95.0	95.1	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.5
GE 800	87.8	92.4	94.1	95.0	95.8	95.8	96.0	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.4
GE 700	88.2	92.8	94.7	95.7	96.4	96.5	96.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.1
GE 600	88.4	93.1	95.1	96.1	96.9	97.0	97.3	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.8
GE 500	88.6	93.5	95.6	96.6	97.6	97.6	98.1	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.6
GE 400	88.7	93.7	95.8	96.9	97.8	97.9	98.4	98.6	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 300	88.7	93.7	95.8	97.0	98.1	98.1	98.7	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.5	99.5
GE 200	88.8	93.7	95.9	97.0	98.1	98.2	98.8	99.0	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.8
GE 100	88.8	93.7	95.9	97.1	98.2	98.3	98.8	99.0	99.2	99.5	99.6	99.7	99.8	99.8	99.9	100.0
GE 000	88.8	93.7	95.9	97.1	98.2	98.3	98.8	99.0	99.2	99.5	99.6	99.7	99.8	99.8	99.9	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: JUN 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	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 20000	73.8	74.7	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	75.0
GE 18000	73.8	74.7	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	75.0
GE 16000	73.8	74.7	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	75.0
GE 14000	74.2	75.1	75.4	75.4	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	74.7	75.6	75.9	75.9	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 10000	75.7	76.6	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 9000	76.0	76.9	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	77.2
GE 8000	77.9	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
GE 7000	78.1	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
GE 6000	78.2	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 5000	78.3	79.2	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	79.6
GE 4500	78.4	79.3	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 4000	80.7	81.6	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 3500	82.8	83.7	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 3000	86.3	87.3	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 2500	87.2	88.3	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
GE 2000	90.4	91.6	92.4	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 1800	90.8	91.9	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1500	93.8	94.9	95.8	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
GE 1200	94.3	95.4	96.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	95.0	96.1	97.1	97.7	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 900	95.1	96.2	97.2	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
GE 800	95.4	96.7	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	95.8	97.0	98.0	98.6	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 600	96.0	97.2	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	96.7	97.9	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	96.8	98.0	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.8	98.0	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.8	98.0	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.8	98.0	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.8	98.0	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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 CRIL	54.0	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 20000	60.7	61.6	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 18000	60.8	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 16000	60.8	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 14000	61.0	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 12000	61.2	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 10000	62.9	64.1	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	64.4
GE 9000	63.2	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
GE 8000	66.6	67.9	68.2	68.2	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 7000	67.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 6000	67.4	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 5000	67.6	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 4500	68.1	69.4	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 4000	70.3	71.7	72.0	72.0	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 3500	72.1	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
GE 3000	73.4	75.0	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 2500	75.9	77.4	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	78.0
GE 2000	81.0	82.7	83.2	83.4	83.4	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1800	81.9	83.6	84.1	84.3	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1500	86.8	88.6	89.1	89.3	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 1200	88.8	90.6	91.2	91.4	91.6	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1000	90.4	92.3	93.0	93.2	93.4	93.4	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 900	91.3	93.3	94.0	94.2	94.4	94.4	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 800	91.8	93.9	94.7	95.0	95.2	95.2	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	92.4	94.7	95.4	95.9	96.1	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 600	93.2	95.4	96.2	96.7	96.9	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 500	93.3	95.6	96.6	97.2	97.6	97.6	97.9	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	93.7	96.0	97.0	97.7	98.3	98.3	98.7	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	93.8	96.1	97.1	97.8	98.4	98.4	98.9	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	93.8	96.2	97.2	97.9	98.6	98.6	99.0	99.2	99.3	99.7	99.7	99.7	99.7	99.8	99.8	99.8
GE 100	93.8	96.2	97.2	97.9	98.6	98.6	99.0	99.2	99.3	99.7	99.7	99.7	99.7	99.8	99.8	100.0
GE 000	93.8	96.2	97.2	97.9	98.6	98.6	99.0	99.2	99.3	99.7	99.7	99.7	99.7	99.8	99.8	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	45.8	48.6	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 20000	54.6	57.7	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 18000	55.4	58.6	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 16000	55.4	58.6	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 14000	55.9	59.0	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 12000	56.7	59.8	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 10000	60.0	63.2	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
GE 9000	60.8	64.0	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	65.1
GE 8000	64.1	67.6	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 7000	64.7	68.1	69.0	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	65.0	68.4	69.3	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 5000	65.7	69.1	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	70.2
GE 4500	66.1	69.6	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 4000	67.6	71.0	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 3500	69.6	73.1	74.2	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 3000	71.4	75.1	76.3	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
GE 2500	73.2	77.0	78.2	78.4	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 2000	76.8	80.6	81.8	82.0	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 1800	77.9	81.8	83.0	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
GE 1500	81.2	85.3	86.6	86.8	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 1200	83.9	88.2	89.4	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1000	86.3	90.8	92.2	92.6	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 900	87.1	91.8	93.4	93.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 800	87.9	92.8	94.4	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 700	88.2	93.6	95.2	95.6	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	88.6	94.0	95.9	96.4	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 500	88.7	94.1	96.0	96.8	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	89.3	94.8	96.7	97.4	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6
GE 300	89.3	94.9	96.8	97.6	98.3	98.6	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
GE 200	89.3	94.9	96.8	97.6	98.3	98.6	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.8
GE 100	89.3	94.9	96.8	97.7	98.4	98.7	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	100.0
GE 000	89.3	94.9	96.8	97.7	98.4	98.7	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	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: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	47.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 20000	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 18000	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 16000	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 14000	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 12000	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 10000	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	62.2
GE 9000	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 8000	66.0	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	66.3	66.3
GE 7000	66.7	67.0	67.0	67.0	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 6000	66.8	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 5000	67.2	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	67.6	67.6
GE 4500	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 4000	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 3500	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 3000	82.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 2500	86.3	86.8	86.8	86.8	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 2000	89.3	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 1800	90.2	90.9	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	91.0
GE 1500	92.4	93.2	93.2	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
GE 1200	94.3	95.1	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	95.4
GE 1000	95.4	96.4	96.6	96.9	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 900	96.0	97.1	97.3	97.7	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 800	96.3	97.4	97.7	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
GE 700	96.3	97.4	97.8	98.1	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 600	96.7	97.9	98.2	98.6	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 500	96.9	98.2	98.6	98.9	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 400	97.1	98.4	98.8	99.1	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 300	97.1	98.4	98.8	99.1	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	97.1	98.4	98.8	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	97.1	98.4	98.8	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	97.1	98.4	98.8	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 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 20000	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 18000	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 16000	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 14000	60.0	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 12000	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 10000	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 9000	63.9	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 8000	66.6	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 7000	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 6000	67.4	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 5000	68.0	68.2	68.2	68.2	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 4500	69.2	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 4000	74.9	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 3500	83.0	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	83.6	83.6
GE 3000	92.3	93.0	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 2500	95.2	95.9	95.9	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
GE 2000	96.7	97.6	97.6	97.7	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	96.8	97.7	97.7	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
GE 1500	97.2	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	97.6	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	97.8	98.8	98.9	99.0	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	97.8	98.8	98.9	99.0	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	98.0	99.0	99.1	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
GE 700	98.0	99.2	99.3	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 600	98.0	99.2	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	98.0	99.2	99.3	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	98.0	99.2	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.0	99.2	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.0	99.2	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.0	99.2	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.0	99.2	99.6	99.7	99.8	99.8	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 20000	69.9	69.9	69.9	69.9	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 18000	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	70.8
GE 16000	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	70.8
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	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 10000	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 9000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 8000	78.7	78.7	78.7	78.7	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 7000	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	79.7
GE 6000	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	80.0
GE 5000	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	80.2
GE 4500	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4000	85.0	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7
GE 3500	91.1	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9
GE 3000	95.7	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 2500	97.0	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 2000	97.4	98.2	98.3	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 1800	97.4	98.2	98.3	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 1500	98.0	98.8	98.9	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE 1200	98.3	99.1	99.2	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 1000	98.3	99.1	99.2	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 900	98.3	99.1	99.2	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 800	98.4	99.2	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 700	98.4	99.2	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 600	98.4	99.2	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 500	98.4	99.2	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	98.4	99.2	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	98.4	99.2	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	98.4	99.2	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	98.4	99.2	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	98.4	99.2	99.4	99.6	99.8	99.8	99.8	99.9	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	68.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 20000	79.1	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 18000	79.4	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 16000	79.4	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 14000	79.7	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 12000	80.9	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 10000	83.4	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 9000	83.8	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 8000	86.4	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	87.1
GE 7000	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 6000	86.8	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	87.4
GE 5000	87.6	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 4500	87.9	88.6	88.6	88.6	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 4000	90.1	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3500	93.9	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3000	96.0	97.2	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2500	96.4	97.7	98.0	98.0	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 2000	97.2	98.4	98.8	98.8	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 1800	97.2	98.4	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	97.2	98.4	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	97.6	98.8	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	97.8	99.0	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	97.8	99.0	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	97.8	99.0	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	97.8	99.0	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	97.8	99.0	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	97.8	99.0	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.8	99.0	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.8	99.0	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.8	99.0	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.8	99.0	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.8	99.0	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.9	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: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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
NO CEIL	74.1	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 20000	83.1	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 18000	83.1	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 16000	83.1	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 14000	83.1	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 12000	83.9	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 10000	84.7	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	85.4
GE 9000	84.7	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	85.4
GE 8000	86.0	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 7000	86.1	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	87.0	87.0
GE 6000	86.2	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	87.1
GE 5000	86.8	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	87.7	87.7
GE 4500	87.2	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 4000	88.7	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 3500	90.2	91.1	91.1	91.1	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 3000	94.4	95.4	95.6	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 2500	95.4	96.4	96.6	96.6	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 2000	96.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	96.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	96.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	96.9	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	96.9	97.9	98.0	98.1	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 900	97.0	98.0	98.1	98.2	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 800	97.2	98.2	98.3	98.4	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 700	97.3	98.3	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	97.4	98.4	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	97.8	98.9	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	98.1	99.2	99.3	99.6	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 300	98.1	99.2	99.3	99.6	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 200	98.1	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	98.1	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	98.1	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	58.6	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 20000	67.4	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	68.4	68.4
GE 18000	67.7	68.6	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 16000	67.7	68.6	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	68.8
GE 14000	68.0	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 12000	68.8	69.6	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 10000	70.9	71.8	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	72.0
GE 9000	71.3	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 8000	74.0	75.0	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 7000	74.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 6000	74.7	75.7	75.9	75.9	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 5000	75.2	76.1	76.3	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 4500	75.7	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 4000	78.4	79.5	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 3500	82.0	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
GE 3000	86.5	87.8	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	88.3	89.7	90.0	90.1	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 2000	90.6	92.0	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7
GE 1800	91.0	92.4	92.8	92.9	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 1500	92.9	94.4	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 1200	94.0	95.5	95.9	96.1	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 1000	94.8	96.3	96.8	97.0	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 900	95.1	96.7	97.2	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 800	95.4	97.0	97.6	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	95.5	97.3	97.9	98.1	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	95.8	97.6	98.2	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	95.9	97.8	98.4	98.8	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	96.2	98.0	98.7	99.0	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	96.2	98.0	98.7	99.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	96.2	98.0	98.7	99.1	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	96.2	98.0	98.7	99.1	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	96.2	98.0	98.7	99.1	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	83.9	84.2	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 20000	88.7	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 18000	88.7	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 16000	88.7	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 14000	88.8	89.2	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 12000	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 10000	91.1	91.5	91.6	91.6	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 9000	91.7	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 8000	92.7	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	93.2
GE 7000	92.8	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 6000	92.8	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 5000	93.0	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	93.5	93.5
GE 4500	93.1	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	93.7
GE 4000	93.5	94.0	94.1	94.1	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 3500	94.5	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3000	95.2	95.8	95.9	95.9	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	95.6	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 2000	96.5	97.1	97.2	97.2	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 1800	96.7	97.3	97.4	97.4	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 1500	97.3	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	97.6	98.3	98.4	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 1000	97.8	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	98.0	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	98.0	98.6	98.7	98.8	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 700	98.3	98.9	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	98.3	98.9	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	98.4	99.0	99.1	99.2	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 400	98.4	99.0	99.1	99.2	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 300	98.4	99.1	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	98.4	99.2	99.4	99.5	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 100	98.4	99.2	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.4	99.2	99.4	99.5	99.7	99.7	99.9	99.9	99.9	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	75.7	76.2	76.8	77.0	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 20000	80.9	81.6	82.2	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
GE 18000	81.1	81.8	82.4	82.7	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 16000	81.1	81.8	82.4	82.7	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 14000	81.3	82.0	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	83.1
GE 12000	81.9	82.7	83.2	83.5	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 10000	83.9	84.6	85.2	85.5	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 9000	84.2	84.9	85.5	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 8000	84.9	85.7	86.2	86.6	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 7000	85.2	86.0	86.6	86.9	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 6000	85.2	86.0	86.6	86.9	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 5000	85.2	86.1	86.7	87.0	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	85.3	86.2	86.8	87.1	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	85.8	86.8	87.3	87.6	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	86.2	87.2	87.7	88.1	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 3000	87.0	88.0	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 2500	88.0	88.9	89.5	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
GE 2000	89.0	90.1	90.6	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1800	89.7	90.8	91.3	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
GE 1500	91.2	92.3	92.8	93.1	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 1200	92.2	93.2	93.9	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1000	94.0	95.3	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 900	94.3	95.7	96.5	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 800	94.3	95.8	96.6	96.9	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 700	94.8	96.3	97.1	97.4	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 600	95.4	97.2	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	98.7
GE 500	95.7	97.6	98.4	98.7	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 400	95.7	97.6	98.4	98.7	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	95.7	97.6	98.4	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	95.7	97.7	98.5	98.9	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.7	97.7	98.5	98.9	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.7	97.7	98.5	98.9	99.5	99.5	99.9	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	66.6	68.9	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8
GE 20000	73.8	76.2	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1
GE 18000	73.8	76.2	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1
GE 16000	73.8	76.2	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1
GE 14000	74.1	76.6	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4
GE 12000	75.5	78.0	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9
GE 10000	78.1	80.6	81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7
GE 9000	78.6	81.4	81.8	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5
GE 8000	80.6	83.8	84.3	84.6	84.9	84.9	84.9	84.9	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2
GE 7000	81.2	84.3	84.8	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7
GE 6000	81.5	84.6	85.2	85.5	85.8	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0
GE 5000	81.5	84.6	85.2	85.5	85.8	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0
GE 4500	81.5	84.6	85.2	85.5	85.8	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0
GE 4000	81.7	84.8	85.4	85.7	86.2	86.2	86.2	86.2	86.2	86.3	86.6	86.6	86.6	86.6	86.6	86.6
GE 3500	82.4	85.8	86.3	86.7	87.2	87.2	87.2	87.2	87.2	87.3	87.5	87.5	87.5	87.5	87.5	87.5
GE 3000	83.7	87.2	87.7	88.1	88.6	88.6	88.6	88.6	88.6	88.7	88.9	88.9	88.9	88.9	88.9	88.9
GE 2500	84.7	88.4	88.9	89.4	89.9	89.9	89.9	89.9	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2
GE 2000	86.2	90.1	90.6	91.1	91.6	91.6	91.6	91.6	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9
GE 1800	86.3	90.2	90.8	91.2	91.7	91.7	91.7	91.7	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0
GE 1500	87.7	91.7	92.3	92.7	93.3	93.3	93.3	93.3	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200	88.7	92.8	93.3	93.8	94.4	94.4	94.4	94.4	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000	89.7	93.8	94.4	94.9	95.6	95.6	95.6	95.6	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9
GE 900	90.1	94.2	94.8	95.4	96.0	96.1	96.1	96.1	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5
GE 800	90.5	94.6	95.3	95.8	96.5	96.6	96.6	96.6	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	91.3	95.4	96.1	96.7	97.4	97.5	97.5	97.5	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	91.4	95.5	96.2	96.9	97.6	98.0	98.0	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	91.6	95.8	96.6	97.3	98.1	98.4	98.8	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	91.7	95.9	96.8	97.6	98.5	98.8	99.2	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	91.7	95.9	96.8	97.6	98.6	98.9	99.4	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.7	95.9	96.8	97.6	98.6	98.9	99.4	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.7	95.9	96.8	97.6	98.6	98.9	99.4	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.7	95.9	96.8	97.6	98.6	98.9	99.4	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	71.4	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	71.9	71.9
GE 20000	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	78.7	78.7	78.7
GE 18000	78.5	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 16000	78.5	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 14000	78.6	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 12000	80.0	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	80.8
GE 10000	84.1	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	84.8	84.8
GE 9000	84.2	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 8000	85.9	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	86.9
GE 7000	86.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 6000	86.1	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	87.1	87.1
GE 5000	86.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4500	86.6	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4000	87.8	88.9	88.9	89.0	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 3500	89.6	90.9	90.9	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 3000	92.5	93.8	93.8	93.9	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 2500	93.7	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 2000	95.5	96.9	97.1	97.2	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 1800	95.6	97.1	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	97.5
GE 1500	96.0	97.7	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	96.1	97.8	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 1000	96.3	98.1	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	98.7
GE 900	96.6	98.3	98.5	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 800	96.8	98.6	98.8	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 700	96.9	98.7	98.9	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 600	96.9	98.7	98.9	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	96.9	98.8	99.0	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	96.9	98.8	99.0	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.9	98.8	99.0	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.9	98.8	99.0	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.9	98.8	99.0	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.9	98.8	99.0	99.4	99.7	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	65.6	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	75.3	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	75.8	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	75.8	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	75.8	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 12000	76.3	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	78.8	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	79.6	79.6
GE 9000	79.2	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 8000	80.3	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 7000	80.3	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 6000	80.5	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 5000	82.4	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4500	84.0	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 4000	87.7	88.6	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
GE 3500	92.4	93.3	93.4	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 3000	96.8	97.7	97.8	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
GE 2500	96.9	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
GE 2000	97.3	98.3	98.4	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 1800	97.4	98.4	98.5	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 1500	97.5	98.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	97.6	98.6	98.7	99.0	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	97.7	98.8	99.0	99.4	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 900	97.7	98.8	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	97.7	98.8	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	97.7	98.8	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	97.7	98.9	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	97.7	98.9	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	97.7	98.9	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	97.8	99.0	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.8	99.0	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.8	99.0	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.8	99.0	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	62.4	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 20000	77.5	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	78.6
GE 18000	77.6	78.5	78.7	78.7	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 16000	77.8	78.7	78.9	78.9	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 14000	78.2	79.0	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 12000	79.5	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 10000	82.9	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 9000	82.9	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 8000	84.3	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 7000	84.3	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 6000	84.7	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 5000	85.9	86.8	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	87.0
GE 4500	86.9	87.7	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 4000	89.6	90.4	90.8	90.9	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 3500	93.0	93.9	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3000	97.0	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2500	97.4	98.7	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2000	97.5	98.9	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	97.6	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	99.7
GE 1500	97.7	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	98.0	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	100.0
GE 1000	98.0	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	100.0
GE 900	98.0	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	100.0
GE 800	98.0	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	100.0
GE 700	98.0	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	100.0
GE 600	98.0	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	100.0
GE 500	98.0	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	100.0
GE 400	98.0	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	100.0
GE 300	98.0	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	100.0
GE 200	98.0	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	100.0
GE 100	98.0	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	100.0
GE 000	98.0	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	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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 CRIL	72.0	72.4	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 20000	85.7	86.2	86.5	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 18000	85.8	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	86.7
GE 16000	85.9	86.5	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	86.8
GE 14000	85.9	86.5	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	86.8
GE 12000	87.3	87.8	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 10000	90.2	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	91.1	91.1
GE 9000	90.6	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	91.5
GE 8000	91.9	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 7000	91.9	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 6000	92.4	92.9	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 5000	93.2	93.8	94.0	94.1	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 4500	93.4	94.1	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 4000	94.8	95.5	95.7	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3500	96.3	97.0	97.2	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 3000	98.1	98.7	98.9	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 2500	98.2	98.8	99.0	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2000	98.3	98.9	99.1	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	98.3	98.9	99.1	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	98.3	98.9	99.1	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	98.3	98.9	99.1	99.2	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 1000	98.3	98.9	99.1	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	98.4	99.0	99.2	99.5	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 800	98.4	99.0	99.2	99.5	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 700	98.4	99.0	99.2	99.5	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 600	98.4	99.0	99.2	99.5	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 500	98.4	99.0	99.2	99.5	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 400	98.4	99.0	99.2	99.5	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	98.4	99.0	99.2	99.5	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	98.4	99.0	99.2	99.5	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	98.4	99.0	99.2	99.5	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	98.4	99.0	99.2	99.5	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 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	84.9	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	85.1
GE 20000	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 18000	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 16000	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 14000	92.5	92.5	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 12000	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	93.1	93.1
GE 10000	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 9000	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 8000	95.8	95.8	95.9	95.9	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 7000	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 6000	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 5000	97.0	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 4500	97.0	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 4000	97.5	97.5	97.7	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 3500	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 3000	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2500	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2000	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1500	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	99.1	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	99.5	99.5	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	100.0
GE 300	99.5	99.5	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	100.0
GE 200	99.5	99.5	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	100.0
GE 100	99.5	99.5	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	100.0
GE 000	99.5	99.5	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	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	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 20000	81.5	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7
GE 18000	81.7	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	82.8
GE 16000	81.7	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9
GE 14000	81.9	82.7	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
GE 12000	82.9	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	84.0
GE 10000	85.4	86.3	86.5	86.5	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	85.7	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
GE 8000	87.1	88.0	88.2	88.3	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 7000	87.2	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
GE 6000	87.4	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8
GE 5000	88.1	89.0	89.2	89.3	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 4500	88.5	89.4	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
GE 4000	89.8	90.8	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 3500	91.6	92.7	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 3000	93.6	94.8	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
GE 2500	94.2	95.4	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 2000	94.9	96.2	96.5	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 1800	95.1	96.3	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	95.6	96.9	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200	96.0	97.3	97.6	97.8	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 1000	96.4	97.7	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	96.5	97.9	98.3	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	96.6	98.0	98.4	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	96.8	98.2	98.6	98.9	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 600	96.9	98.4	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	97.0	98.5	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	97.0	98.5	98.9	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	97.0	98.5	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	97.0	98.6	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.0	98.6	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.0	98.6	99.0	99.3	99.6	99.7	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
GE 20000	89.9	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6
GE 18000	89.9	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6
GE 16000	89.9	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6
GE 14000	89.9	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6
GE 12000	90.1	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 10000	93.5	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
GE 9000	94.0	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
GE 8000	95.7	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 7000	95.8	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	97.0	97.0
GE 6000	95.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 5000	95.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 4500	95.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 4000	96.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 3500	96.5	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 3000	97.0	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 2500	97.1	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000	97.2	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	97.2	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	97.3	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	97.4	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	97.4	98.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	97.4	98.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	97.4	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	97.4	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	97.4	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	97.5	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.5	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.5	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.5	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.5	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.5	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	81.7	81.8	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 20000	85.6	85.7	86.1	86.1	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 18000	85.6	85.7	86.1	86.1	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 16000	85.6	85.7	86.1	86.1	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 14000	85.8	85.9	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 12000	86.0	86.1	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 10000	90.1	90.3	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 9000	90.3	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 8000	92.2	92.9	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 7000	92.3	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 6000	92.3	93.1	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 5000	92.9	93.8	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	94.2
GE 4500	93.0	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 4000	93.5	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3500	93.7	94.5	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 3000	94.1	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2500	94.5	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	95.2	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	95.2	96.3	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	95.8	97.1	97.6	97.6	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 1200	96.6	97.8	98.4	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 1000	97.0	98.5	99.0	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 900	97.0	98.5	99.0	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 800	97.0	98.5	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 700	97.0	98.6	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 600	97.0	98.6	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 500	97.0	98.7	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	99.8
GE 400	97.0	98.7	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	99.8
GE 300	97.0	98.8	99.6	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	97.0	98.8	99.6	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	97.0	98.8	99.6	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	97.0	98.8	99.6	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	69.7	70.9	71.8	71.8	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 20000	75.3	76.8	78.0	78.0	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 18000	75.3	76.8	78.0	78.0	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 16000	75.3	76.8	78.0	78.0	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 14000	75.5	77.0	78.2	78.2	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 12000	77.3	79.1	80.4	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 10000	81.2	83.0	84.4	84.4	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 9000	81.6	83.4	84.8	84.8	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 8000	84.8	87.1	88.6	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 7000	85.7	88.2	89.7	89.7	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	86.5	88.9	90.4	90.4	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	86.6	89.0	90.5	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
GE 4500	86.8	89.4	90.9	90.9	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 4000	87.6	90.2	91.7	91.8	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3500	88.5	91.3	92.9	93.0	93.3	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 3000	89.6	92.7	94.3	94.4	94.7	94.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	89.7	92.8	94.4	94.5	94.9	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2000	90.1	93.2	94.9	95.1	95.6	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800	90.2	93.3	95.1	95.3	95.8	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1500	91.1	94.3	96.0	96.2	96.8	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1200	91.4	94.7	96.7	96.9	97.4	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	91.8	95.2	97.2	97.4	98.0	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	91.9	95.3	97.3	97.5	98.1	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	92.3	95.6	97.6	97.8	98.4	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	92.5	95.8	98.0	98.2	98.7	98.7	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	92.6	96.0	98.2	98.4	98.9	98.9	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	92.6	96.0	98.2	98.4	98.9	98.9	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	92.7	96.1	98.3	98.5	99.0	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.7	96.1	98.3	98.5	99.0	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.7	96.1	98.3	98.5	99.0	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.7	96.1	98.3	98.5	99.0	99.0	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.7	96.1	98.3	98.5	99.0	99.0	99.6	99.9	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	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	71.1
GE 20000	78.2	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	78.7	78.7
GE 18000	78.2	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	78.7	78.7
GE 16000	78.2	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	78.7	78.7
GE 14000	78.3	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	78.8
GE 12000	80.3	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	81.0
GE 10000	84.2	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 9000	84.9	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	85.7
GE 8000	88.2	89.1	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	89.6
GE 7000	89.0	90.0	90.3	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 6000	89.1	90.1	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 5000	89.2	90.2	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	90.6
GE 4500	89.4	90.3	90.6	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 4000	90.6	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3500	91.7	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 3000	93.4	94.7	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2500	94.4	95.8	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2000	95.1	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1800	95.1	96.5	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	95.3	96.8	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	96.2	97.7	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	96.9	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	97.0	98.5	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	97.0	98.5	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	97.0	98.5	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	97.0	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	97.0	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	97.0	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	97.0	98.6	99.4	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.0	98.6	99.4	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.0	98.6	99.4	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.0	98.6	99.4	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	66.9	67.0	67.0	67.0	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	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	78.0	78.0
GE 18000	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	78.2	78.2
GE 16000	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	78.2	78.2
GE 14000	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	78.7	78.7	78.7
GE 12000	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	80.8	80.8
GE 10000	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 9000	84.2	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	84.5	84.5
GE 8000	87.3	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
GE 7000	87.8	88.6	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 6000	88.2	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 5000	88.8	89.6	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	89.7
GE 4500	89.0	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 4000	91.6	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	92.5	92.5
GE 3500	94.7	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	95.7	95.7
GE 3000	96.8	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	98.0	98.0
GE 2500	97.3	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	98.7	98.7
GE 2000	97.4	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	98.8	98.8
GE 1800	97.4	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	98.8	98.8
GE 1500	97.5	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	98.9	98.9
GE 1200	98.0	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	99.4	99.4
GE 1000	98.0	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	99.4	99.4
GE 900	98.0	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	99.4	99.4
GE 800	98.0	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	99.4	99.4
GE 700	98.3	99.5	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
GE 600	98.3	99.5	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
GE 500	98.4	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.4	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.4	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.4	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.4	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.4	99.6	99.8	99.8	99.8	99.8	99.9	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT BOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	63.4	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	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 18000	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	80.0	80.0	80.0
GE 16000	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	80.0	80.0	80.0
GE 14000	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	80.2	80.2	80.2
GE 12000	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 10000	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	85.5	85.5
GE 9000	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 8000	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	88.5	88.5	88.5
GE 7000	88.8	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 6000	89.2	89.8	89.8	89.8	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 5000	89.5	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	90.1	90.1
GE 4500	89.8	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	90.4	90.4
GE 4000	93.9	94.4	94.5	94.5	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 3500	96.3	97.2	97.3	97.3	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 3000	97.7	99.0	99.1	99.1	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	97.7	99.1	99.2	99.2	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 2000	98.0	99.4	99.5	99.5	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 1800	98.0	99.4	99.5	99.5	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 1500	98.1	99.6	99.7	99.7	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 1200	98.1	99.6	99.7	99.7	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 1000	98.1	99.6	99.7	99.7	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 900	98.1	99.6	99.7	99.7	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 800	98.1	99.6	99.7	99.7	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 700	98.1	99.6	99.7	99.7	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 600	98.1	99.6	99.7	99.7	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	98.1	99.6	99.7	99.7	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	98.1	99.6	99.7	99.7	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	98.1	99.6	99.7	99.7	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	98.1	99.6	99.7	99.7	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	98.1	99.6	99.7	99.7	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	98.1	99.6	99.7	99.7	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	66.3	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	67.3
GE 20000	81.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 18000	81.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 16000	81.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 14000	81.8	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	82.9
GE 12000	83.1	84.5	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
GE 10000	87.6	89.0	89.0	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 9000	88.3	89.7	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	89.8
GE 8000	90.9	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 7000	91.2	92.9	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	93.0
GE 6000	91.5	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
GE 5000	91.9	93.7	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 4500	92.4	94.1	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 4000	95.3	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3500	96.0	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 3000	96.6	98.5	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	98.7
GE 2500	96.8	98.8	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	99.0
GE 2000	96.9	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	99.2
GE 1800	97.0	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	99.4
GE 1500	97.0	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	99.6
GE 1200	97.0	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	99.6
GE 1000	97.3	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	99.9
GE 900	97.3	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	99.9
GE 800	97.3	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	99.9
GE 700	97.3	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	99.9
GE 600	97.3	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	99.9
GE 500	97.3	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.3	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.3	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.3	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.3	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.3	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	79.9	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	80.3	80.3
GE 20000	89.0	89.5	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	89.7
GE 18000	89.1	89.6	89.8	89.8	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 16000	89.1	89.6	89.8	89.8	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 14000	89.4	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	90.0
GE 12000	90.4	91.0	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 10000	93.3	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	94.1	94.1
GE 9000	93.8	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 8000	95.7	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 7000	95.7	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 6000	95.7	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 5000	95.9	96.5	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
GE 4500	96.0	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 4000	97.2	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	98.0	98.0
GE 3500	97.6	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	98.4	98.4
GE 3000	98.2	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	99.0	99.0
GE 2500	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 2000	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1500	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	98.8	99.6	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
GE 900	98.8	99.6	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
GE 800	98.8	99.6	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
GE 700	98.8	99.6	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
GE 600	98.8	99.6	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
GE 500	98.8	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.8	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.8	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.8	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.8	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.8	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	73.3	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 20000	82.1	82.7	82.9	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
GE 18000	82.2	82.7	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	82.2	82.7	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	82.4	83.0	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 12000	83.7	84.3	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
GE 10000	87.4	88.1	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 9000	87.9	88.6	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 8000	90.4	91.4	91.7	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
GE 7000	90.8	91.9	92.2	92.2	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	91.0	92.1	92.5	92.5	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 5000	91.3	92.4	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 4500	91.5	92.6	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 4000	93.2	94.4	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3500	94.4	95.6	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3000	95.4	96.9	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500	95.8	97.3	97.7	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
GE 2000	96.0	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	96.1	97.6	98.1	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 1500	96.3	97.9	98.4	98.5	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 1200	96.7	98.3	98.8	98.9	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 1000	96.9	98.6	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	96.9	98.6	99.2	99.3	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 800	97.0	98.7	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	97.0	98.8	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	97.1	98.8	99.4	99.5	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 500	97.1	98.8	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	97.1	98.8	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.1	98.9	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.1	98.9	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.1	98.9	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.1	98.9	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	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	73.7
GE 20000	79.0	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 18000	79.0	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	79.2	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 14000	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	79.7	79.7
GE 12000	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	79.8
GE 10000	81.3	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 9000	82.1	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 8000	83.6	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 7000	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 6000	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	84.4
GE 5000	84.7	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	84.9
GE 4500	84.8	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
GE 4000	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3500	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	87.7	87.7
GE 3000	88.6	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2500	89.4	90.0	90.1	90.1	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 2000	91.4	92.0	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1800	91.4	92.0	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1500	93.2	93.8	94.0	94.0	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 1200	94.0	94.7	94.9	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 1000	95.1	95.8	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 900	95.7	96.4	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	96.0	97.0	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	96.3	97.3	97.8	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 600	96.7	97.8	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 500	97.0	98.1	98.7	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 400	97.2	98.6	99.1	99.1	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 300	97.3	98.7	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	97.3	98.8	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9
GE 100	97.3	98.8	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0
GE 000	97.3	98.8	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	66.0	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0
GE 20000	70.1	71.7	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3
GE 18000	70.1	71.7	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3
GE 16000	70.1	71.7	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3
GE 14000	70.1	71.7	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3
GE 12000	70.9	72.4	72.7	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1
GE 10000	72.4	74.0	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7
GE 9000	72.7	74.6	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2
GE 8000	74.3	76.2	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9
GE 7000	74.6	76.4	76.7	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1
GE 6000	74.6	76.4	76.7	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1
GE 5000	74.8	76.7	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3
GE 4500	75.0	76.9	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6
GE 4000	75.4	77.3	77.6	77.7	77.8	77.9	77.9	77.9	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1
GE 3500	76.3	78.2	78.4	78.6	78.7	78.8	78.8	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0
GE 3000	78.1	80.1	80.3	80.4	80.6	80.7	80.7	80.7	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9
GE 2500	79.9	82.0	82.2	82.4	82.8	83.0	83.0	83.0	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2
GE 2000	82.6	84.7	84.9	85.1	85.4	85.7	85.7	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9
GE 1800	82.9	85.0	85.2	85.4	85.8	86.0	86.0	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2
GE 1500	86.2	88.7	88.9	89.1	89.6	89.8	89.8	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0
GE 1200	88.3	91.0	91.2	91.4	91.9	92.1	92.1	92.1	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3
GE 1000	89.6	92.4	92.7	92.9	93.3	93.6	93.6	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 900	90.3	93.2	93.4	93.7	94.1	94.3	94.3	94.3	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6
GE 800	91.0	94.1	94.4	94.7	95.1	95.3	95.3	95.3	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	91.8	94.9	95.2	95.9	96.3	96.6	96.6	96.6	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9
GE 600	92.2	95.4	95.8	96.4	96.9	97.1	97.1	97.1	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4
GE 500	92.3	95.7	96.0	96.7	97.1	97.3	97.3	97.3	97.3	97.4	97.6	97.7	97.7	97.7	97.7	97.7
GE 400	92.9	96.2	96.7	97.3	98.0	98.2	98.2	98.2	98.2	98.3	98.4	98.6	98.6	98.6	98.6	98.6
GE 300	93.2	96.9	97.3	98.1	98.8	99.0	99.0	99.0	99.0	99.2	99.3	99.4	99.6	99.6	99.6	99.6
GE 200	93.2	96.9	97.3	98.1	98.9	99.1	99.1	99.1	99.1	99.3	99.7	99.8	99.9	99.9	99.9	99.9
GE 100	93.2	96.9	97.3	98.1	98.9	99.1	99.2	99.2	99.2	99.4	99.8	99.9	100.0	100.0	100.0	100.0
GE 000	93.2	96.9	97.3	98.1	98.9	99.1	99.2	99.2	99.2	99.4	99.8	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	54.4	56.6	57.8	58.7	59.1	59.1	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 20000	58.8	61.6	62.9	63.8	64.3	64.3	64.3	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 18000	58.8	61.6	62.9	63.8	64.3	64.3	64.3	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 16000	58.9	61.7	63.0	63.9	64.4	64.4	64.4	64.4	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 14000	59.3	62.1	63.4	64.3	64.9	64.9	64.9	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 12000	60.7	63.4	64.8	65.7	66.3	66.3	66.3	66.3	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 10000	62.1	64.9	66.2	67.1	67.8	67.8	67.8	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 9000	62.4	65.6	66.9	67.8	68.4	68.4	68.4	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 8000	65.0	68.2	69.7	70.7	71.3	71.3	71.4	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 7000	65.3	68.6	70.2	71.2	71.9	71.9	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 6000	65.9	69.3	71.0	72.0	72.7	72.7	72.8	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 5000	66.4	69.9	71.6	72.6	73.2	73.2	73.3	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 4500	66.6	70.0	71.7	72.7	73.3	73.3	73.4	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 4000	66.9	70.6	72.2	73.2	74.0	74.0	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 3500	67.3	71.0	72.7	73.7	74.4	74.4	74.6	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 3000	69.4	73.3	75.1	76.1	76.9	76.9	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 2500	71.2	75.2	77.1	78.1	78.9	78.9	79.0	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 2000	73.8	78.0	80.0	81.0	82.0	82.0	82.1	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1800	74.1	78.3	80.3	81.3	82.3	82.3	82.4	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1500	77.2	81.6	83.6	84.6	85.7	85.7	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1200	78.3	82.9	85.1	86.1	87.2	87.2	87.3	87.6	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1000	79.9	84.7	87.2	88.2	89.7	89.7	89.8	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 900	80.6	85.4	88.0	89.0	90.4	90.4	90.6	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 800	81.8	86.7	89.3	90.4	91.9	91.9	92.0	92.2	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 700	82.6	87.7	90.3	91.6	93.0	93.0	93.1	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 600	83.0	88.3	91.4	93.0	94.8	94.8	94.9	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 500	83.1	88.9	92.1	93.7	95.7	95.7	95.9	96.1	96.2	96.4	96.4	96.4	96.4	96.6	96.6	96.6
GE 400	83.2	89.2	92.8	94.3	96.6	96.6	96.8	97.2	97.3	97.7	97.7	97.7	97.7	97.8	97.8	97.8
GE 300	83.2	89.3	92.9	94.6	97.1	97.1	97.7	98.2	98.4	98.8	98.8	98.9	98.9	99.0	99.1	99.1
GE 200	83.2	89.3	92.9	94.7	97.4	97.4	98.0	98.8	99.0	99.3	99.3	99.4	99.4	99.6	99.7	99.8
GE 100	83.2	89.3	92.9	94.7	97.4	97.4	98.0	98.9	99.1	99.6	99.6	99.7	99.7	99.8	99.9	100.0
GE 000	83.2	89.3	92.9	94.7	97.4	97.4	98.0	98.9	99.1	99.6	99.6	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	51.0	51.6	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 20000	59.8	60.3	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 18000	59.8	60.3	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 16000	59.8	60.3	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 14000	60.4	61.0	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 12000	62.0	62.6	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 10000	63.9	64.4	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	65.1
GE 9000	64.0	64.6	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 8000	67.3	68.0	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 7000	68.2	69.0	69.4	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 6000	68.8	69.6	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	70.2
GE 5000	69.7	70.4	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4500	70.2	71.0	71.4	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 4000	70.8	71.6	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 3500	72.7	73.7	74.1	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 3000	78.6	79.6	80.0	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 2500	81.8	82.9	83.3	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2000	84.3	85.7	86.1	86.6	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1800	85.3	86.7	87.1	87.6	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1500	87.6	89.0	89.4	89.9	90.1	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1200	90.3	92.1	92.7	93.1	93.3	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1000	91.8	94.0	94.6	95.0	95.2	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	92.6	95.0	95.6	96.1	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	93.0	95.6	96.1	96.7	96.9	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	93.6	96.3	96.9	97.4	97.7	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	93.8	96.6	97.2	98.0	98.2	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	94.0	96.9	97.6	98.3	98.6	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	94.0	96.9	97.6	98.3	98.8	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	94.1	97.0	97.7	98.4	98.9	99.1	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	94.1	97.0	97.7	98.4	98.9	99.1	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	94.1	97.0	97.7	98.4	98.9	99.1	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	94.1	97.0	97.7	98.4	98.9	99.1	99.2	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 20000	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 18000	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 16000	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 14000	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 12000	66.3	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 10000	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 9000	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 8000	71.7	72.0	72.0	72.0	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 7000	72.6	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 6000	72.9	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 5000	74.7	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	75.0	75.0
GE 4500	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 4000	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3500	85.2	85.6	85.8	86.1	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 3000	93.0	93.4	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2500	94.3	94.8	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	95.0	95.6	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1800	95.1	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1500	95.2	95.8	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200	95.4	96.0	96.3	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	96.1	96.7	97.2	97.9	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	96.4	97.1	97.7	98.3	98.3	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	96.4	97.1	97.7	98.4	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	96.8	97.4	98.0	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	96.9	97.6	98.1	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	97.1	97.8	98.4	99.3	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	97.1	97.8	98.4	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.1	97.8	98.4	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.1	97.8	98.4	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.1	97.8	98.4	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.1	97.8	98.4	99.4	99.6	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 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 20000	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 18000	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 16000	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
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	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 10000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 9000	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 8000	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	81.9	81.9	81.9
GE 7000	82.8	82.8	82.8	82.8	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 6000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 5000	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	84.3
GE 4500	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	85.1
GE 4000	86.1	86.1	86.1	86.1	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 3500	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3000	95.6	95.9	95.9	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
GE 2500	95.7	96.1	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 2000	96.2	96.7	96.7	96.9	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 1800	96.2	96.7	96.7	96.9	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 1500	96.4	96.9	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200	96.8	97.2	97.3	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 1000	97.4	98.1	98.2	98.6	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 900	97.4	98.1	98.2	98.6	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 800	97.8	98.4	98.6	98.9	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	97.9	98.6	98.7	99.0	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	98.1	98.8	98.9	99.2	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	98.2	98.9	99.0	99.3	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.2	98.9	99.0	99.3	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.2	98.9	99.0	99.3	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.2	98.9	99.0	99.3	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.2	98.9	99.0	99.3	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.2	98.9	99.0	99.3	99.8	99.8	99.9	99.9	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	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	65.8	65.8
GE 20000	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	77.0	77.0
GE 18000	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	77.0	77.0
GE 16000	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	77.0	77.0
GE 14000	77.5	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	77.6
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	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	81.3	81.3	81.3
GE 9000	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 8000	85.3	85.4	85.5	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 7000	86.4	86.5	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	86.7
GE 6000	87.1	87.2	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
GE 5000	88.1	88.2	88.3	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
GE 4500	88.6	88.7	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
GE 4000	90.0	90.1	90.2	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 3500	92.4	92.5	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	92.9
GE 3000	94.2	94.3	94.6	94.9	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 2500	95.2	95.4	95.8	96.0	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	95.2	95.4	95.8	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	95.2	95.4	95.8	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1500	96.1	96.4	96.8	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200	96.2	96.5	96.9	97.1	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	96.8	97.1	97.4	97.7	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	97.2	97.5	97.9	98.1	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	97.5	97.9	98.2	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
GE 700	97.7	98.0	98.3	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	97.9	98.2	98.6	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	97.9	98.3	98.8	99.0	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	98.0	98.4	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.0	98.4	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.0	98.4	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.0	98.4	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.0	98.4	98.9	99.1	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	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 20000	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	84.7
GE 18000	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	84.7
GE 16000	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	84.7
GE 14000	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	85.1
GE 12000	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 10000	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 9000	88.4	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 8000	90.1	90.1	90.3	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 7000	90.9	90.9	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
GE 6000	91.2	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	91.5
GE 5000	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	91.6	91.6
GE 4500	91.4	91.4	91.6	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 4000	92.2	92.2	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	92.5
GE 3500	93.3	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 3000	94.9	94.9	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 2500	95.4	95.4	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
GE 2000	95.8	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1800	95.8	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1500	96.8	96.9	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200	96.9	97.0	97.2	97.4	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 1000	97.4	97.5	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	97.8	98.2	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	97.8	98.2	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	98.0	98.4	98.8	99.0	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 600	98.0	98.4	98.8	99.0	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 500	98.2	98.8	99.1	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
GE 400	98.3	98.9	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	98.3	98.9	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	98.3	99.0	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
GE 100	98.3	99.0	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
GE 000	98.3	99.0	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	62.5	63.1	63.3	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 20000	70.6	71.3	71.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 18000	70.6	71.3	71.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 16000	70.6	71.3	71.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 14000	70.9	71.6	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 12000	72.0	72.7	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 10000	74.2	74.9	75.1	75.3	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 9000	74.7	75.5	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 8000	77.4	78.2	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
GE 7000	78.1	78.9	79.2	79.4	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 6000	78.5	79.3	79.6	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 5000	79.2	80.1	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 4500	79.7	80.6	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
GE 4000	80.7	81.6	81.9	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 3500	83.2	84.2	84.5	84.8	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 3000	86.5	87.6	88.0	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 2500	87.9	89.0	89.4	89.7	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2000	89.3	90.5	91.0	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
GE 1800	89.5	90.7	91.2	91.5	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1500	91.1	92.4	92.8	93.2	93.5	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200	92.0	93.4	94.0	94.3	94.6	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 1000	93.0	94.5	95.1	95.5	95.9	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 900	93.5	95.1	95.8	96.2	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 800	93.9	95.6	96.3	96.7	97.1	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 700	94.3	96.1	96.7	97.2	97.7	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	94.6	96.4	97.1	97.7	98.2	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	94.7	96.7	97.5	98.0	98.5	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	94.9	96.9	97.7	98.3	98.9	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4
GE 300	94.9	97.0	97.8	98.5	99.1	99.2	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
GE 200	94.9	97.0	97.9	98.5	99.2	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	94.9	97.0	97.9	98.5	99.2	99.3	99.4	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	94.9	97.0	97.9	98.5	99.2	99.3	99.4	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7194

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO FIC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	64.2	64.9	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6
GE 20000	67.1	68.0	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6
GE 18000	67.1	68.0	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6
GE 16000	67.1	68.0	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6
GE 14000	67.2	68.1	68.4	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7
GE 12000	67.3	68.2	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8
GE 10000	68.4	69.2	69.6	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9
GE 9000	68.4	69.2	69.6	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9
GE 8000	68.8	69.8	70.1	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4
GE 7000	69.6	70.5	70.9	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4
GE 6000	69.9	70.9	71.2	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7
GE 5000	71.0	71.9	72.3	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8
GE 4500	71.2	72.2	72.5	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0
GE 4000	71.6	72.6	72.9	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4
GE 3500	72.4	73.5	73.9	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4
GE 3000	74.2	75.6	75.9	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5
GE 2500	75.8	77.2	77.8	78.1	78.3	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6
GE 2000	79.5	81.0	81.7	82.0	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6
GE 1800	80.1	81.6	82.4	82.7	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2
GE 1500	82.2	83.7	84.4	84.8	85.1	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5
GE 1200	84.7	86.2	87.0	87.4	87.6	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1
GE 1000	85.3	86.9	87.6	88.1	88.4	88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
GE 900	86.5	88.1	88.8	89.2	89.6	89.7	89.8	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2
GE 800	87.0	88.6	89.4	89.9	90.2	90.3	90.4	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9
GE 700	88.0	89.7	90.4	91.2	91.5	91.6	91.7	92.0	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2
GE 600	88.7	90.5	91.3	92.2	92.5	92.7	92.8	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
GE 500	89.6	91.9	92.7	93.9	94.6	94.8	95.2	95.5	95.5	95.6	95.7	95.7	95.8	95.8	95.8	95.8
GE 400	89.6	92.2	93.1	94.4	95.4	95.6	96.0	96.3	96.3	96.6	96.7	96.7	96.8	96.8	96.9	96.9
GE 300	89.6	92.2	93.1	94.7	95.8	96.0	96.8	97.4	97.4	97.6	97.8	97.8	98.1	98.1	98.2	98.2
GE 200	89.6	92.2	93.1	94.7	95.8	96.0	96.8	97.4	97.4	97.6	98.3	98.3	98.9	98.9	99.0	99.2
GE 100	89.6	92.2	93.1	94.7	95.8	96.0	96.8	97.4	97.4	97.6	98.3	98.3	98.9	98.9	99.4	100.0
GE 000	89.6	92.2	93.1	94.7	95.8	96.0	96.8	97.4	97.4	97.6	98.3	98.3	98.9	98.9	99.4	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	57.7	58.9	59.8	59.9	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 20000	59.8	61.0	62.0	62.2	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 18000	59.8	61.0	62.0	62.2	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 16000	59.8	61.0	62.0	62.2	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 14000	60.0	61.2	62.3	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 12000	60.0	61.2	62.3	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 10000	61.4	62.6	63.7	63.8	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 9000	61.4	62.6	63.7	63.8	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 8000	61.6	63.1	64.2	64.3	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 7000	61.8	63.3	64.4	64.5	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 6000	62.0	63.5	64.6	64.7	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 5000	62.2	63.8	64.8	64.9	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4500	62.4	64.0	65.1	65.2	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 4000	63.9	65.5	66.7	66.8	67.0	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 3500	64.7	66.3	67.5	67.6	67.8	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 3000	65.7	67.5	68.7	68.8	69.0	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 2500	69.4	71.1	72.3	72.5	72.7	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 2000	72.8	74.7	75.9	76.1	76.3	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 1800	73.7	75.6	76.8	77.0	77.2	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 1500	75.3	77.3	78.5	78.7	78.9	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 1200	77.4	79.7	81.2	81.4	81.6	81.8	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1000	79.2	81.5	83.1	83.4	83.7	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 900	80.5	82.8	84.9	85.4	85.6	85.8	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 800	81.1	83.5	85.9	86.3	86.6	86.8	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5
GE 700	82.3	84.8	87.3	87.8	88.4	88.6	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4
GE 600	83.0	85.6	88.4	89.1	89.7	89.9	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8
GE 500	84.0	86.7	89.7	90.6	91.9	92.3	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.5	93.5
GE 400	84.6	87.4	90.8	91.8	93.7	94.1	94.9	95.5	95.5	95.5	95.6	95.6	95.8	95.9	96.0	96.0
GE 300	84.6	87.5	91.2	92.4	94.3	94.7	95.9	96.8	96.8	97.1	97.2	97.2	97.4	97.5	97.8	98.2
GE 200	84.6	87.5	91.2	92.4	94.3	94.7	95.9	96.8	96.9	97.2	97.5	97.6	98.2	98.3	98.9	99.4
GE 100	84.6	87.5	91.2	92.4	94.3	94.7	95.9	96.8	96.9	97.2	97.6	97.7	98.4	98.6	99.2	100.0
GE 000	84.6	87.5	91.2	92.4	94.3	94.7	95.9	96.8	96.9	97.2	97.6	97.7	98.4	98.6	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	47.2	49.9	50.3	50.4	50.6	50.6	50.8	50.8	50.8	50.9	51.4	51.4	51.5	51.6	51.6	51.7
GE 20000	49.9	53.0	53.8	54.0	54.2	54.2	54.4	54.4	54.4	54.5	55.1	55.1	55.2	55.3	55.3	55.4
GE 18000	49.9	53.0	53.8	54.0	54.2	54.2	54.4	54.4	54.4	54.5	55.1	55.1	55.2	55.3	55.3	55.4
GE 16000	49.9	53.0	53.8	54.0	54.2	54.2	54.4	54.4	54.4	54.5	55.1	55.1	55.2	55.3	55.3	55.4
GE 14000	50.0	53.1	53.9	54.1	54.3	54.3	54.5	54.5	54.5	54.6	55.2	55.2	55.3	55.4	55.4	55.5
GE 12000	50.4	53.5	54.3	54.5	54.7	54.7	54.9	54.9	54.9	55.1	55.6	55.6	55.7	55.8	55.8	55.9
GE 10000	52.9	56.2	57.0	57.2	57.5	57.5	57.7	57.7	57.7	57.8	58.4	58.4	58.5	58.6	58.6	58.9
GE 9000	52.9	56.2	57.0	57.2	57.5	57.5	57.7	57.7	57.7	57.8	58.4	58.4	58.5	58.6	58.6	58.9
GE 8000	55.9	59.4	60.1	60.3	60.6	60.6	60.9	60.9	60.9	61.0	61.5	61.5	61.6	61.7	61.7	62.0
GE 7000	56.2	59.7	60.4	60.6	61.0	61.0	61.2	61.2	61.2	61.3	61.8	61.8	61.9	62.0	62.0	62.4
GE 6000	56.2	59.7	60.4	60.6	61.0	61.0	61.2	61.2	61.2	61.3	61.8	61.8	61.9	62.0	62.0	62.4
GE 5000	56.5	59.9	60.6	60.9	61.2	61.2	61.4	61.4	61.4	61.5	62.0	62.0	62.2	62.3	62.3	62.6
GE 4500	56.7	60.1	60.9	61.1	61.4	61.4	61.6	61.6	61.6	61.7	62.3	62.3	62.4	62.5	62.5	62.8
GE 4000	57.7	61.2	61.9	62.2	62.5	62.5	62.7	62.8	62.8	62.9	63.4	63.4	63.5	63.7	63.7	64.0
GE 3500	59.1	62.8	63.5	63.8	64.1	64.2	64.4	64.5	64.5	64.6	65.2	65.2	65.3	65.4	65.4	65.7
GE 3000	60.8	64.8	65.6	65.8	66.2	66.3	66.6	66.7	66.7	66.8	67.3	67.3	67.4	67.5	67.5	67.8
GE 2500	62.4	66.6	67.3	67.5	68.0	68.1	68.3	68.4	68.4	68.5	69.0	69.0	69.1	69.2	69.2	69.6
GE 2000	64.8	69.2	70.1	70.3	70.9	71.0	71.2	71.3	71.3	71.4	71.9	71.9	72.0	72.2	72.2	72.5
GE 1800	65.3	69.8	70.9	71.1	71.6	71.7	71.9	72.0	72.0	72.2	72.7	72.7	72.8	72.9	72.9	73.2
GE 1500	67.0	71.6	72.7	72.9	73.5	73.8	74.0	74.1	74.1	74.2	74.7	74.7	74.8	74.9	74.9	75.3
GE 1200	68.7	74.1	75.5	75.8	77.1	77.3	77.5	77.6	77.6	77.7	78.3	78.3	78.4	78.5	78.5	78.8
GE 1000	70.6	76.0	77.6	78.0	79.4	79.6	79.8	80.0	80.0	80.1	80.6	80.6	80.8	80.9	80.9	81.2
GE 900	71.8	77.4	79.5	79.9	81.4	81.6	82.2	82.6	82.6	82.7	83.3	83.3	83.4	83.5	83.5	83.9
GE 800	72.8	78.6	80.8	81.4	83.0	83.2	83.9	84.3	84.3	84.4	85.1	85.1	85.2	85.3	85.3	85.6
GE 700	73.4	79.4	81.6	82.5	84.3	84.5	85.3	85.7	85.7	85.9	86.6	86.6	86.8	86.9	86.9	87.2
GE 600	74.1	80.1	82.5	83.3	85.3	85.5	86.2	86.7	86.7	86.9	87.5	87.5	87.8	88.0	88.0	88.3
GE 500	75.3	81.4	84.3	85.3	88.0	88.3	89.4	89.8	89.8	90.6	91.5	91.6	91.9	92.0	92.0	92.4
GE 400	75.5	81.6	84.6	85.6	88.8	89.1	90.5	91.1	91.2	92.6	93.7	93.8	94.3	94.4	94.6	94.9
GE 300	75.5	81.7	84.8	85.8	89.0	89.5	90.9	91.6	91.9	93.4	94.7	94.8	95.4	95.5	95.8	96.2
GE 200	75.5	81.7	84.8	85.8	89.1	89.6	91.2	92.0	92.5	94.1	95.6	95.7	96.8	97.0	97.8	98.8
GE 100	75.5	81.7	84.8	85.8	89.1	89.6	91.2	92.0	92.5	94.1	95.6	95.7	96.9	97.2	98.2	99.7
GE 000	75.5	81.7	84.8	85.8	89.1	89.6	91.2	92.0	92.5	94.1	95.7	95.8	97.0	97.3	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	49.7	50.0	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 20000	54.4	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 18000	54.4	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 16000	54.6	55.3	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 14000	54.9	55.6	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 12000	55.8	56.5	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 10000	57.7	58.7	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 9000	58.1	59.0	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 8000	61.1	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 7000	61.9	63.0	63.1	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 6000	62.4	63.4	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 5000	63.0	64.2	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 4500	63.4	64.6	64.7	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
GE 4000	64.7	66.2	66.3	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 3500	65.7	67.2	67.3	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 3000	70.4	72.4	72.6	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 2500	73.3	75.4	75.6	75.8	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 2000	77.1	79.1	79.6	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
GE 1800	77.5	79.7	80.3	80.5	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1500	80.1	82.5	83.1	83.3	83.4	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1200	82.5	85.2	85.8	86.1	86.2	86.6	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1000	83.1	86.0	86.7	87.0	87.1	87.4	87.7	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 900	84.7	87.6	88.4	88.8	89.0	89.5	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 800	84.9	88.3	89.1	89.7	89.9	90.3	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	85.7	89.5	90.5	91.2	91.7	92.2	92.8	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 600	86.0	89.8	90.9	91.7	92.8	93.2	93.9	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 500	86.3	90.3	91.4	92.4	93.5	94.1	95.1	95.1	95.3	95.5	95.5	95.5	95.6	95.6	95.6	95.6
GE 400	86.6	90.6	91.8	92.8	94.1	94.6	95.7	95.8	96.1	96.5	96.5	96.5	96.6	96.6	96.6	96.6
GE 300	86.6	90.6	91.8	92.9	94.3	94.9	96.1	96.3	96.8	97.3	97.7	97.7	97.8	97.8	98.3	98.3
GE 200	86.6	90.6	91.8	92.9	94.3	95.1	96.2	96.5	96.9	97.6	98.1	98.1	98.4	98.5	99.1	99.4
GE 100	86.6	90.6	91.8	92.9	94.3	95.1	96.3	96.6	97.0	97.8	98.3	98.3	98.7	98.9	99.7	99.9
GE 000	86.6	90.6	91.8	92.9	94.3	95.1	96.3	96.6	97.0	97.8	98.3	98.3	98.7	98.9	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 20000	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 18000	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 16000	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 14000	59.8	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 12000	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 10000	62.5	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 9000	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 8000	65.6	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 7000	65.8	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	66.5
GE 6000	65.8	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	66.5
GE 5000	66.1	66.8	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 4500	67.2	67.8	67.8	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 4000	69.8	70.4	70.4	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 3500	72.6	73.2	73.2	73.3	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 3000	80.8	81.4	81.4	81.5	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 2500	85.5	86.1	86.1	86.2	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 2000	87.5	88.4	88.5	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
GE 1800	87.7	88.6	88.7	88.8	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 1500	89.4	90.2	90.3	90.4	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 1200	90.4	91.3	91.5	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1000	91.4	92.4	92.8	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4
GE 900	92.0	93.1	93.5	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3
GE 800	92.4	93.4	93.9	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7
GE 700	92.9	94.2	94.9	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1
GE 600	93.1	94.5	95.4	95.7	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1
GE 500	93.3	94.8	96.0	96.3	97.7	97.7	97.8	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4
GE 400	93.4	95.2	96.6	96.9	98.3	98.3	98.6	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.4	99.4
GE 300	93.4	95.2	96.6	96.9	98.4	98.4	98.7	99.0	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0
GE 200	93.4	95.2	96.6	96.9	98.4	98.4	98.7	99.0	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0
GE 100	93.4	95.2	96.6	96.9	98.4	98.4	98.7	99.0	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0
GE 000	93.4	95.2	96.6	96.9	98.4	98.4	98.7	99.0	99.4	99.7	99.7	99.7	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 20000	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	69.7
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	70.1	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 14000	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	70.5	70.5	70.5
GE 12000	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 10000	75.2	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	75.7
GE 9000	76.1	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	76.7	76.7
GE 8000	78.1	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	78.6
GE 7000	78.6	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	79.1
GE 6000	78.6	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	79.1
GE 5000	79.7	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
GE 4500	80.5	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	81.1
GE 4000	82.7	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 3500	84.9	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	85.7	85.7
GE 3000	89.1	89.8	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 2500	89.8	90.4	90.5	90.5	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 2000	90.2	91.0	91.2	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 1800	90.3	91.1	91.3	91.4	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 1500	91.7	92.6	92.8	92.9	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1200	92.9	93.9	94.1	94.3	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1000	93.5	94.6	94.8	95.1	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 900	93.8	94.8	95.3	95.5	96.0	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 800	93.9	95.2	95.6	95.8	96.3	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	94.1	95.4	95.9	96.1	96.9	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 600	94.2	95.6	96.3	96.6	97.4	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 500	94.3	95.7	97.0	97.2	98.3	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	94.3	95.8	97.1	97.3	98.4	98.7	98.9	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	94.3	95.8	97.1	97.3	98.6	98.9	99.1	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	94.3	95.8	97.1	97.3	98.6	98.9	99.1	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.3	95.8	97.1	97.3	98.6	98.9	99.1	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.3	95.8	97.1	97.3	98.6	98.9	99.1	99.4	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	67.3	67.4	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 20000	75.7	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	75.9	75.9
GE 18000	75.8	75.9	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	75.8	75.9	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	76.3	76.5	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 12000	76.5	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	76.7	76.7
GE 10000	78.8	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	79.1
GE 9000	80.0	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	80.3
GE 8000	81.3	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	81.7
GE 7000	81.9	82.3	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 6000	81.9	82.3	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 5000	82.4	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	82.8	82.8
GE 4500	83.1	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 4000	84.5	85.1	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 3500	86.8	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 3000	88.8	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 2500	89.4	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 2000	89.8	90.6	91.0	91.0	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 1800	90.1	91.0	91.3	91.3	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 1500	91.3	92.3	92.6	92.6	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 1200	92.0	93.2	93.5	93.5	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 1000	93.2	94.4	94.7	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 900	93.4	94.8	95.2	95.2	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	93.7	95.1	95.5	95.5	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	93.8	95.3	95.7	95.7	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 600	93.9	95.4	95.8	95.9	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	93.9	95.5	96.0	96.1	97.1	97.2	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	93.9	95.5	96.1	96.3	97.4	97.5	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.7	98.7	98.7
GE 300	93.9	95.6	96.2	96.5	97.5	97.6	98.2	98.7	98.8	98.8	98.8	98.8	99.4	99.4	99.4	99.4
GE 200	93.9	95.6	96.3	96.6	97.6	97.7	98.3	98.8	98.9	99.0	99.0	99.0	99.9	99.9	99.9	99.9
GE 100	93.9	95.6	96.3	96.6	97.6	97.7	98.3	98.8	98.9	99.0	99.0	99.1	100.0	100.0	100.0	100.0
GE 000	93.9	95.6	96.3	96.6	97.6	97.7	98.3	98.8	98.9	99.0	99.0	99.1	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	69.5	69.9	70.1	70.1	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 20000	73.0	73.4	73.7	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 18000	73.0	73.4	73.7	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 16000	73.0	73.4	73.7	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 14000	73.2	73.7	73.9	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 12000	73.7	74.1	74.3	74.3	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 10000	74.9	75.4	75.6	75.6	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 9000	75.3	75.7	75.9	75.9	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 8000	76.9	77.3	77.5	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 7000	77.7	78.2	78.4	78.4	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 6000	77.7	78.2	78.4	78.4	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 5000	78.6	79.0	79.2	79.2	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 4500	79.4	79.8	80.0	80.0	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4000	80.6	81.2	81.4	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 3500	83.1	84.0	84.2	84.2	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 3000	84.2	85.3	85.7	85.7	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2500	84.8	85.9	86.5	86.5	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2000	86.5	87.5	88.2	88.2	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1800	86.8	87.8	88.5	88.5	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1500	87.7	88.9	89.6	89.6	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1200	89.6	90.9	91.6	91.7	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 1000	90.0	91.3	92.0	92.3	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 900	91.0	92.4	93.1	93.3	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 800	91.6	93.0	93.8	94.0	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 700	92.0	93.4	94.3	94.6	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 600	92.2	93.7	94.5	94.8	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 500	92.3	93.8	94.6	95.4	96.0	96.1	96.7	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 400	92.5	94.	95.1	95.9	96.9	97.0	97.5	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 300	92.5	94.2	95.2	96.1	97.1	97.2	97.7	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 200	92.5	94.7	95.2	96.2	97.2	97.3	98.0	98.3	98.3	98.6	98.6	98.6	98.6	99.5	99.5	99.5
GE 100	92.5	94.2	95.2	96.2	97.2	97.3	98.0	98.3	98.3	98.6	98.6	98.6	99.6	99.6	99.8	99.9
GE 000	92.5	94.2	95.2	96.2	97.2	97.3	98.0	98.3	98.3	98.6	98.6	98.6	99.6	99.6	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	58.7	59.4	59.7	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0
GE 20000	63.6	64.4	64.7	64.8	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1
GE 18000	63.7	64.5	64.8	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2
GE 16000	63.7	64.5	64.9	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2
GE 14000	64.0	64.8	65.2	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5
GE 12000	64.5	65.3	65.7	65.7	65.8	65.8	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0
GE 10000	66.5	67.5	67.8	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2
GE 9000	66.9	67.9	68.2	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6
GE 8000	68.7	69.8	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.5
GE 7000	69.2	70.3	70.6	70.7	70.8	70.8	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.1
GE 6000	69.3	70.4	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.2
GE 5000	69.9	71.0	71.4	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8
GE 4500	70.5	71.6	71.9	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4
GE 4000	71.9	73.2	73.5	73.6	73.8	73.8	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.1
GE 3500	73.7	75.0	75.3	75.4	75.6	75.7	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	76.0
GE 3000	76.8	78.3	78.7	78.8	79.0	79.1	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.4
GE 2500	78.8	80.4	80.8	80.9	81.2	81.3	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.6
GE 2000	81.0	82.7	83.3	83.4	83.7	83.8	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.1
GE 1800	81.4	83.1	83.8	83.9	84.2	84.3	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.6
GE 1500	83.1	84.9	85.5	85.7	86.0	86.1	86.3	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5
GE 1200	84.8	86.8	87.5	87.7	88.2	88.4	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
GE 1000	85.8	87.9	88.7	88.9	89.4	89.6	89.7	89.8	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.0
GE 900	86.7	88.9	89.8	90.1	90.7	90.8	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.4	91.4
GE 800	87.2	89.5	90.5	90.8	91.4	91.6	91.8	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.2	92.2
GE 700	87.8	90.2	91.3	91.8	92.6	92.7	93.0	93.2	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4
GE 600	88.1	90.6	91.9	92.4	93.3	93.5	93.8	94.0	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.3
GE 500	88.6	91.3	92.7	93.4	94.7	94.9	95.4	95.7	95.7	95.9	96.0	96.0	96.1	96.1	96.2	96.2
GE 400	88.8	91.6	93.1	93.9	95.4	95.6	96.3	96.6	96.7	97.0	97.2	97.2	97.4	97.4	97.5	97.5
GE 300	88.8	91.6	93.3	94.1	95.6	95.9	96.7	97.2	97.3	97.7	98.0	98.0	98.3	98.3	98.5	98.5
GE 200	88.8	91.6	93.3	94.1	95.7	96.0	96.8	97.3	97.5	98.0	98.3	98.4	98.9	99.0	99.3	99.5
GE 100	88.8	91.6	93.3	94.1	95.7	96.0	96.8	97.3	97.5	98.0	98.4	98.4	99.0	99.1	99.5	99.9
GE 000	88.8	91.6	93.3	94.1	95.7	96.0	96.8	97.3	97.5	98.0	98.4	98.4	99.1	99.2	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	56.9	57.6	57.7	57.9	57.9	58.0	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3
GE 20000	59.2	59.9	60.0	60.2	60.2	60.3	60.4	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7
GE 18000	59.2	59.9	60.0	60.2	60.2	60.3	60.4	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7
GE 16000	59.2	59.9	60.0	60.2	60.2	60.3	60.4	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7
GE 14000	59.2	59.9	60.0	60.2	60.2	60.3	60.4	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7
GE 12000	59.4	60.1	60.2	60.4	60.4	60.6	60.7	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9
GE 10000	60.4	61.1	61.2	61.4	61.4	61.6	61.7	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9
GE 9000	60.8	61.4	61.6	61.8	61.8	61.9	62.0	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2
GE 8000	62.1	62.8	62.9	63.1	63.1	63.2	63.3	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6
GE 7000	63.0	63.8	63.9	64.2	64.2	64.3	64.4	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7
GE 6000	63.1	63.9	64.0	64.3	64.3	64.4	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8
GE 5000	64.2	65.0	65.1	65.4	65.4	65.6	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9
GE 4500	64.9	65.7	65.8	66.1	66.1	66.2	66.3	66.4	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6
GE 4000	67.4	68.2	68.3	68.7	68.7	68.8	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1
GE 3500	68.6	69.6	69.8	70.1	70.1	70.2	70.3	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6
GE 3000	70.0	71.1	71.3	71.7	71.7	71.8	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2
GE 2500	72.4	73.7	73.9	74.2	74.3	74.4	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
GE 2000	75.4	76.9	77.1	77.4	77.6	77.7	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
GE 1800	76.2	77.7	77.9	78.2	78.3	78.4	78.7	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9
GE 1500	79.7	81.4	81.8	82.1	82.2	82.3	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
GE 1200	84.1	86.0	86.4	86.8	86.9	87.0	87.2	87.3	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6
GE 1000	86.4	88.3	89.0	89.3	89.4	89.6	89.8	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2
GE 900	87.3	89.4	90.2	90.6	90.7	90.8	91.0	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4
GE 800	88.0	90.1	91.2	91.6	91.8	91.9	92.1	92.3	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6
GE 700	88.6	91.0	92.2	92.7	93.1	93.2	93.4	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 600	88.6	91.0	92.3	92.8	93.2	93.3	93.6	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0
GE 500	89.4	92.1	93.8	94.4	95.0	95.1	95.6	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 400	89.4	92.2	93.9	94.8	95.4	95.6	96.0	96.2	96.2	96.6	96.7	96.7	96.8	96.8	96.9	96.9
GE 300	89.6	92.4	94.1	95.0	95.7	96.0	96.6	96.8	96.8	97.1	97.2	97.2	97.3	97.3	97.4	97.4
GE 200	89.6	92.4	94.1	95.0	95.7	96.0	96.7	97.0	97.0	97.3	97.6	97.6	97.7	97.8	97.9	98.1
GE 100	89.6	92.4	94.1	95.0	95.7	96.0	96.7	97.0	97.0	97.3	97.6	97.6	97.7	97.8	98.1	98.8
GE 000	89.6	92.4	94.1	95.0	95.7	96.0	96.7	97.0	97.0	97.3	97.6	97.6	97.7	97.8	98.3	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	49.3	50.8	51.0	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 20000	52.1	53.7	53.9	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 18000	52.1	53.7	53.9	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 16000	52.1	53.7	53.9	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 14000	52.1	53.7	53.9	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 12000	52.1	53.7	53.9	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 10000	52.9	54.4	54.7	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 9000	53.1	54.7	54.9	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 8000	54.3	55.9	56.1	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 7000	55.0	56.6	56.8	57.3	57.3	57.3	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 6000	55.3	56.9	57.1	57.7	57.7	57.7	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 5000	56.0	57.6	57.8	58.3	58.3	58.3	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 4500	56.7	58.6	58.8	59.3	59.3	59.3	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 4000	59.6	61.4	61.7	62.2	62.2	62.2	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 3500	60.9	62.8	63.0	63.6	63.6	63.6	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 3000	63.3	65.3	65.6	66.1	66.1	66.1	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 2500	64.8	66.9	67.3	67.9	67.9	67.9	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 2000	69.4	71.7	72.3	72.9	72.9	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 1800	70.4	72.7	73.3	73.9	73.9	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 1500	74.2	76.7	77.7	78.2	78.2	78.2	78.3	78.6	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8
GE 1200	77.7	80.7	81.7	82.3	82.3	82.3	82.4	82.7	82.7	82.8	82.9	83.0	83.0	83.0	83.0	83.0
GE 1000	79.7	82.9	84.0	84.9	85.0	85.0	85.2	85.4	85.4	85.6	85.7	85.8	85.8	85.8	85.8	85.8
GE 900	81.1	84.6	85.9	86.8	86.9	86.9	87.1	87.3	87.3	87.4	87.6	87.7	87.7	87.7	87.7	87.7
GE 800	81.7	85.1	86.6	87.8	87.9	87.9	88.1	88.3	88.3	88.4	88.6	88.7	88.7	88.7	88.7	88.7
GE 700	82.6	86.2	87.8	89.2	89.7	89.7	89.9	90.1	90.1	90.2	90.3	90.4	90.4	90.4	90.4	90.4
GE 600	82.7	86.4	88.1	89.7	90.3	90.3	90.7	90.9	90.9	91.1	91.2	91.3	91.3	91.3	91.3	91.3
GE 500	83.7	87.6	89.9	91.8	92.8	92.8	93.2	93.4	93.4	93.7	93.8	93.9	94.0	94.0	94.0	94.0
GE 400	83.8	87.8	90.2	92.2	93.3	93.3	93.9	94.1	94.3	94.6	94.8	94.9	95.1	95.1	95.2	95.2
GE 300	83.8	87.8	90.3	92.3	93.6	93.7	94.2	94.4	94.7	94.9	95.1	95.2	95.4	95.4	95.7	95.7
GE 200	83.8	87.8	90.3	92.3	93.6	93.7	94.3	94.8	95.0	95.4	95.7	95.8	96.0	96.0	96.2	96.2
GE 100	83.8	87.8	90.3	92.3	93.6	93.7	94.3	94.8	95.0	95.6	95.9	96.1	96.6	96.6	97.4	97.9
GE 000	83.8	87.8	90.3	92.3	93.6	93.7	94.3	94.8	95.0	95.6	95.9	96.1	96.7	96.7	98.1	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	45.7	47.4	47.9	48.0	48.1	48.1	48.3	48.6	48.6	48.6	48.6	48.6	48.9	48.9	49.0	49.2
GE 20000	48.8	50.6	51.2	51.3	51.4	51.4	51.7	51.9	51.9	51.9	51.9	51.9	52.2	52.2	52.3	52.6
GE 18000	48.9	50.7	51.3	51.4	51.6	51.6	51.8	52.0	52.0	52.0	52.0	52.0	52.3	52.3	52.4	52.7
GE 16000	48.9	50.7	51.3	51.4	51.6	51.6	51.8	52.0	52.0	52.0	52.0	52.0	52.3	52.3	52.4	52.7
GE 14000	48.9	50.7	51.4	51.6	51.7	51.7	51.9	52.1	52.1	52.1	52.1	52.1	52.4	52.4	52.6	52.8
GE 12000	48.9	50.7	51.4	51.6	51.7	51.7	51.9	52.1	52.1	52.1	52.1	52.1	52.4	52.4	52.6	52.8
GE 10000	50.0	51.8	52.6	52.7	52.8	52.8	53.0	53.2	53.2	53.3	53.3	53.3	53.7	53.7	53.8	54.0
GE 9000	50.2	52.0	52.8	52.9	53.0	53.0	53.2	53.4	53.4	53.6	53.6	53.6	53.9	53.9	54.0	54.2
GE 8000	51.9	53.7	54.4	54.6	54.7	54.7	54.9	55.1	55.1	55.2	55.2	55.2	55.6	55.6	55.7	55.9
GE 7000	52.4	54.2	55.0	55.1	55.2	55.2	55.4	55.7	55.7	55.8	55.8	55.8	56.1	56.1	56.2	56.4
GE 6000	53.0	54.8	55.6	55.7	55.8	55.8	56.0	56.2	56.2	56.3	56.3	56.3	56.7	56.7	56.8	57.0
GE 5000	53.9	55.7	56.4	56.6	56.7	56.7	56.9	57.1	57.1	57.2	57.2	57.2	57.6	57.6	57.7	57.9
GE 4500	54.8	56.7	57.4	57.6	57.8	57.8	58.0	58.2	58.2	58.3	58.3	58.3	58.7	58.7	58.8	59.0
GE 4000	57.2	59.3	60.1	60.3	60.6	60.6	60.8	61.0	61.0	61.1	61.1	61.1	61.4	61.4	61.6	61.8
GE 3500	58.6	60.7	61.4	61.7	62.0	62.0	62.2	62.4	62.4	62.6	62.6	62.6	62.9	62.9	63.0	63.2
GE 3000	59.6	61.9	62.9	63.1	63.4	63.4	63.8	64.0	64.0	64.1	64.1	64.1	64.4	64.4	64.6	64.8
GE 2500	62.3	64.8	65.8	66.0	66.6	66.6	66.9	67.1	67.1	67.2	67.2	67.2	67.6	67.6	67.7	67.9
GE 2000	66.1	68.9	69.9	70.1	70.7	70.7	71.1	71.3	71.3	71.4	71.4	71.4	71.8	71.8	71.9	72.1
GE 1800	67.6	70.4	71.4	71.7	72.2	72.2	72.7	72.9	72.9	73.0	73.0	73.0	73.3	73.3	73.4	73.7
GE 1500	71.6	74.7	75.7	75.9	76.4	76.6	77.0	77.3	77.3	77.4	77.4	77.4	77.9	77.9	78.0	78.2
GE 1200	73.8	77.0	78.2	78.6	79.1	79.2	79.8	80.1	80.1	80.2	80.2	80.2	80.7	80.7	80.8	81.0
GE 1000	75.6	79.6	81.2	81.6	82.2	82.3	82.9	83.2	83.2	83.3	83.3	83.3	83.8	83.8	83.9	84.1
GE 900	76.2	80.3	82.0	82.3	83.1	83.2	83.8	84.1	84.1	84.3	84.3	84.3	84.8	84.8	84.9	85.1
GE 800	76.6	80.7	82.8	83.2	84.0	84.1	84.8	85.1	85.1	85.3	85.3	85.3	85.8	85.8	85.9	86.1
GE 700	77.2	81.3	83.6	84.3	85.3	85.4	86.3	86.7	86.7	86.9	86.9	86.9	87.3	87.3	87.4	87.7
GE 600	77.6	82.2	84.4	85.4	86.6	86.7	87.6	88.0	88.0	88.2	88.2	88.2	88.7	88.7	88.8	89.0
GE 500	78.0	82.8	85.3	86.4	87.7	87.9	89.2	89.9	89.9	90.2	90.2	90.3	90.8	90.8	90.9	91.1
GE 400	78.1	82.9	85.4	86.8	88.2	88.4	90.1	90.8	90.8	91.1	91.1	91.2	91.8	91.8	92.0	92.3
GE 300	78.1	82.9	85.6	86.9	88.4	88.8	90.7	91.6	91.6	92.2	92.2	92.6	93.4	93.4	93.7	94.1
GE 200	78.1	82.9	85.6	86.9	88.4	88.8	90.9	91.9	92.0	93.0	93.2	93.4	94.4	94.7	95.2	95.9
GE 100	78.1	82.9	85.6	86.9	88.4	88.8	91.0	92.1	92.2	93.3	93.6	93.9	94.9	95.4	96.8	98.8
GE 000	78.1	82.9	85.6	86.9	88.4	88.8	91.0	92.1	92.2	93.3	93.6	93.9	94.9	95.4	97.2	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	47.9	48.2	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 20000	53.7	54.0	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 18000	53.8	54.1	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 16000	53.8	54.1	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 14000	54.3	54.7	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 12000	54.9	55.2	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 10000	56.1	56.6	56.8	56.8	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 9000	56.1	56.6	56.8	56.8	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 8000	58.1	58.9	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 7000	59.3	60.2	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 6000	59.8	60.7	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 5000	60.8	61.8	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 4500	61.6	62.7	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 4000	64.1	65.2	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 3500	65.8	67.0	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 3000	69.1	70.6	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
GE 2500	72.9	74.4	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
GE 2000	76.8	78.6	79.1	79.3	79.4	79.4	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 1800	77.7	79.4	80.1	80.3	80.4	80.4	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 1500	80.8	83.0	83.7	83.9	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1200	83.1	85.4	86.1	86.4	86.8	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1000	84.2	86.7	87.6	88.1	88.4	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 900	84.9	87.7	88.7	89.2	89.6	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 800	85.7	88.4	89.6	90.2	90.7	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 700	85.9	88.8	89.9	91.0	91.4	91.6	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 600	86.0	89.0	90.2	91.3	92.0	92.1	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 500	86.4	89.7	91.1	92.3	93.3	93.4	94.1	94.1	94.1	94.3	94.4	94.6	94.6	94.6	94.6	94.6
GE 400	86.4	89.9	91.4	92.7	93.8	93.9	94.7	94.9	94.9	95.4	95.8	95.9	95.9	95.9	95.9	95.9
GE 300	86.4	89.9	91.4	92.9	94.1	94.2	95.1	95.3	95.4	96.1	96.4	96.6	96.6	96.6	96.6	96.6
GE 200	86.6	90.0	91.6	93.0	94.3	94.4	95.3	95.6	95.7	96.6	97.3	97.6	97.9	98.0	98.3	98.4
GE 100	86.6	90.0	91.6	93.0	94.3	94.4	95.3	95.6	95.7	96.7	97.6	98.0	98.3	98.4	99.1	100.0
GE 000	86.6	90.0	91.6	93.0	94.3	94.4	95.3	95.6	95.7	96.7	97.6	98.0	98.3	98.4	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 20000	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 18000	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 16000	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 14000	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 12000	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 10000	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	60.4
GE 9000	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 8000	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 7000	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	65.1	65.1	65.1
GE 6000	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 5000	65.8	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 4500	66.0	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	66.3	66.3
GE 4000	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 3500	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	74.1
GE 3000	79.2	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2500	83.4	84.2	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 2000	86.1	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 1800	86.7	87.9	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 1500	89.9	91.2	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	91.6
GE 1200	91.9	93.2	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
GE 1000	92.4	94.2	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 900	92.9	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 800	93.0	94.9	95.4	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 700	93.2	95.3	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 600	93.4	95.7	96.2	96.7	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 500	93.6	95.8	96.4	96.9	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 400	93.6	95.8	96.4	97.0	97.6	97.6	98.0	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 300	93.6	95.8	96.4	97.0	97.6	97.6	98.0	98.2	98.2	98.3	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	93.6	95.8	96.4	97.0	97.6	97.6	98.0	98.2	98.2	98.3	99.0	99.0	99.1	99.1	99.1	99.1
GE 100	93.6	95.8	96.4	97.0	97.6	97.6	98.0	98.2	98.2	98.3	99.0	99.1	99.2	99.2	99.4	99.8
GE 000	93.6	95.8	96.4	97.0	97.6	97.6	98.0	98.2	98.2	98.3	99.0	99.1	99.2	99.2	99.4	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 20000	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 18000	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 16000	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 14000	63.8	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 12000	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 10000	68.1	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
GE 9000	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 8000	70.3	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 7000	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	72.2	72.2
GE 6000	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	72.8
GE 5000	73.7	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	74.1	74.1
GE 4500	74.8	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 4000	78.8	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 3500	82.3	82.8	82.8	82.8	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 3000	85.7	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	86.3
GE 2500	89.1	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 2000	91.2	92.0	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1800	91.4	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1500	92.9	93.9	94.0	94.1	94.2	94.2	94.3	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	93.7	94.7	94.8	94.9	95.0	95.0	95.1	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1000	93.9	94.9	95.0	95.1	95.2	95.2	95.3	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 900	94.1	95.1	95.2	95.3	95.4	95.4	95.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	94.6	95.6	95.9	96.0	96.1	96.1	96.2	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 700	94.7	95.7	96.1	96.2	96.3	96.3	96.4	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	94.7	95.7	96.1	96.2	96.3	96.3	96.4	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 500	94.8	95.8	96.2	96.3	96.7	96.7	96.8	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	94.8	95.8	96.2	96.7	97.4	97.4	97.6	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 300	94.8	95.8	96.2	96.7	97.4	97.4	97.6	98.0	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 200	94.8	95.8	96.2	96.7	97.4	97.4	97.6	98.0	98.1	98.9	99.1	99.1	99.3	99.3	99.3	99.3
GE 100	94.8	95.8	96.2	96.7	97.4	97.4	97.6	98.0	98.1	98.9	99.1	99.2	99.4	99.4	99.6	99.8
GE 000	94.8	95.8	96.2	96.7	97.4	97.4	97.6	98.0	98.1	98.9	99.1	99.2	99.4	99.4	99.6	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 20000	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 18000	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 16000	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	68.5	68.5	68.5
GE 14000	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 12000	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 10000	72.0	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 9000	73.1	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	73.2
GE 8000	74.5	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	74.6	74.6
GE 7000	77.4	77.6	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	77.9
GE 6000	78.0	78.2	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 5000	78.5	78.8	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 4500	79.6	79.9	80.1	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
GE 4000	82.3	82.5	82.8	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
GE 3500	84.8	85.0	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 3000	86.7	87.0	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 2500	88.2	89.0	89.4	89.5	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 2000	89.8	90.5	91.0	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1800	89.9	90.7	91.1	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1500	91.1	92.0	92.5	92.7	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1200	91.7	92.5	93.5	93.7	94.0	94.0	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1000	91.7	92.7	93.8	93.9	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 900	92.1	93.1	94.2	94.3	94.8	94.8	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 800	92.3	93.3	94.4	94.8	95.3	95.3	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 700	92.4	93.4	94.7	95.0	95.6	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 600	92.4	93.5	94.9	95.6	96.1	96.1	96.3	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 500	92.9	94.2	95.6	96.2	97.1	97.1	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	93.0	94.3	95.7	96.6	97.4	97.4	97.7	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	93.0	94.3	95.7	96.6	97.4	97.4	97.7	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 200	93.0	94.3	95.7	96.6	97.4	97.4	97.7	98.1	98.1	98.8	99.0	99.0	99.0	99.1	99.1	99.2
GE 100	93.0	94.3	95.7	96.6	97.4	97.4	97.7	98.1	98.1	98.8	99.0	99.0	99.1	99.2	99.3	99.7
GE 000	93.0	94.3	95.7	96.6	97.4	97.4	97.7	98.1	98.1	98.8	99.0	99.0	99.1	99.2	99.4	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	63.0	63.3	63.6	63.7	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 20000	66.8	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 18000	66.8	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 16000	66.8	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 14000	66.8	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 12000	66.8	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 10000	68.2	68.6	68.8	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 9000	68.7	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 8000	69.9	70.2	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 7000	71.4	71.8	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 6000	72.2	72.6	72.9	73.1	73.1	73.1	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 5000	73.2	73.6	74.0	74.2	74.2	74.2	74.2	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4500	73.8	74.1	74.6	74.8	74.8	74.8	74.8	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 4000	76.1	76.4	76.9	77.1	77.1	77.1	77.1	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 3500	77.7	78.0	78.4	78.7	78.7	78.7	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 3000	80.1	80.4	80.9	81.1	81.1	81.1	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 2500	82.3	82.9	83.4	83.8	83.8	83.8	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 2000	84.8	85.6	86.4	86.8	87.1	87.1	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1800	84.9	85.8	86.7	87.0	87.3	87.3	87.3	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1500	86.3	87.4	88.4	88.8	89.1	89.1	89.3	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1200	87.7	88.8	89.8	90.1	90.4	90.4	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1000	89.0	90.1	91.2	91.8	92.1	92.1	92.4	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 900	89.7	90.9	92.0	92.6	92.9	92.9	93.2	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 800	89.9	91.3	92.4	93.0	93.6	93.6	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 700	90.1	91.6	92.7	93.2	93.8	93.8	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	90.8	92.4	93.6	94.1	94.8	94.8	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 500	91.2	93.0	94.2	95.2	96.1	96.1	96.4	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 400	91.4	93.2	94.4	95.6	96.6	96.7	97.1	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	91.4	93.2	94.4	95.6	96.7	96.9	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 200	91.4	93.2	94.4	95.6	96.7	96.9	97.7	97.9	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.7
GE 100	91.4	93.2	94.4	95.6	96.7	96.9	97.7	97.9	98.0	98.3	98.3	98.3	98.6	98.6	98.7	99.1
GE 000	91.4	93.2	94.4	95.6	96.7	96.9	97.7	97.9	98.0	98.3	98.3	98.3	98.6	98.6	98.9	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	53.5	54.1	54.3	54.4	54.4	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.7
GE 20000	58.7	59.3	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.9
GE 18000	58.7	59.3	59.5	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9
GE 16000	58.8	59.4	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	60.0
GE 14000	59.0	59.6	59.8	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2
GE 12000	59.5	60.2	60.4	60.5	60.5	60.5	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.8
GE 10000	61.0	61.6	61.9	62.0	62.0	62.0	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.3
GE 9000	61.4	62.0	62.2	62.4	62.4	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 8000	63.1	63.8	64.0	64.1	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
GE 7000	64.4	65.2	65.4	65.6	65.6	65.6	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.9	65.9
GE 6000	64.9	65.6	65.9	66.0	66.1	66.1	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.4
GE 5000	65.8	66.6	66.8	67.0	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3
GE 4500	66.5	67.4	67.6	67.8	67.9	67.9	67.9	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.2
GE 4000	69.4	70.3	70.6	70.8	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1
GE 3500	71.5	72.5	72.8	72.9	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3
GE 3000	74.2	75.3	75.6	75.8	75.9	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2
GE 2500	76.9	78.2	78.6	78.8	78.9	78.9	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.3
GE 2000	80.0	81.4	81.9	82.2	82.3	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7
GE 1800	80.6	82.1	82.6	82.8	83.0	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4
GE 1500	83.3	85.0	85.7	85.9	86.1	86.1	86.3	86.4	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6
GE 1200	85.4	87.3	88.0	88.3	88.5	88.6	88.7	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1
GE 1000	86.6	88.7	89.5	89.9	90.2	90.2	90.4	90.6	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8
GE 900	87.3	89.5	90.4	90.8	91.1	91.1	91.3	91.5	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7
GE 800	87.7	89.9	91.0	91.5	91.9	91.9	92.2	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.6	92.6
GE 700	88.1	90.4	91.6	92.2	92.7	92.7	93.0	93.2	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.5
GE 600	88.3	90.7	92.0	92.7	93.3	93.3	93.7	93.8	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1
GE 500	88.7	91.4	92.8	93.7	94.5	94.5	95.0	95.3	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.6
GE 400	88.8	91.5	93.0	94.0	95.0	95.0	95.6	95.9	96.0	96.3	96.4	96.4	96.5	96.5	96.6	96.6
GE 300	88.8	91.5	93.0	94.1	95.1	95.2	95.9	96.3	96.3	96.7	96.9	97.0	97.1	97.1	97.2	97.2
GE 200	88.8	91.5	93.0	94.1	95.1	95.3	96.0	96.4	96.5	97.1	97.4	97.5	97.7	97.8	97.9	98.1
GE 100	88.8	91.5	93.0	94.1	95.1	95.3	96.0	96.5	96.5	97.2	97.5	97.7	98.0	98.1	98.6	99.2
GE 000	88.8	91.5	93.0	94.1	95.1	95.3	96.0	96.5	96.5	97.2	97.5	97.7	98.0	98.1	98.8	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	51.7	52.3	52.6	52.7	52.8	52.8	52.8	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2
GE 20000	55.3	55.8	56.1	56.2	56.3	56.3	56.3	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8
GE 18000	55.3	55.8	56.1	56.2	56.3	56.3	56.3	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8
GE 16000	55.3	55.8	56.1	56.2	56.3	56.3	56.3	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8
GE 14000	55.5	56.0	56.3	56.5	56.6	56.6	56.6	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0
GE 12000	55.9	56.5	56.8	56.9	57.0	57.0	57.0	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4
GE 10000	58.3	58.8	59.1	59.4	59.7	59.7	59.7	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1
GE 9000	58.7	59.2	59.6	59.8	60.1	60.1	60.1	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5
GE 8000	59.4	60.4	60.8	61.0	61.3	61.3	61.3	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7
GE 7000	60.1	61.2	61.5	61.7	62.0	62.0	62.0	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5
GE 6000	60.1	61.2	61.5	61.7	62.0	62.0	62.0	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5
GE 5000	60.6	61.7	62.0	62.3	62.6	62.6	62.6	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0
GE 4500	61.8	62.9	63.2	63.4	63.8	63.8	63.8	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2
GE 4000	64.1	65.4	65.7	65.9	66.2	66.2	66.2	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8
GE 3500	64.9	66.2	66.6	66.8	67.1	67.1	67.1	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6
GE 3000	66.1	67.4	67.7	68.0	68.3	68.3	68.3	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8
GE 2500	68.2	69.5	69.8	70.0	70.3	70.3	70.3	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9
GE 2000	70.4	71.7	72.0	72.3	72.6	72.6	72.6	72.9	73.0	73.0	73.1	73.1	73.3	73.3	73.3	73.3
GE 1800	71.2	72.5	72.8	73.0	73.3	73.3	73.3	73.8	73.9	73.9	74.0	74.0	74.2	74.2	74.2	74.2
GE 1500	74.2	75.5	75.8	76.0	76.3	76.3	76.3	76.5	76.9	77.0	77.0	77.1	77.3	77.3	77.3	77.3
GE 1200	76.5	77.8	78.6	78.8	79.1	79.1	79.2	79.7	79.8	79.8	79.9	79.9	80.1	80.1	80.1	80.1
GE 1000	77.6	79.0	79.8	80.1	80.4	80.4	80.5	81.0	81.1	81.1	81.2	81.2	81.4	81.4	81.4	81.4
GE 900	78.1	79.6	80.3	80.6	81.0	81.0	81.1	81.5	81.6	81.6	81.7	81.7	81.9	81.9	81.9	81.9
GE 800	78.9	80.4	81.4	81.9	82.3	82.3	82.4	82.8	82.9	83.1	83.2	83.2	83.4	83.4	83.4	83.4
GE 700	79.7	81.2	82.5	83.2	83.7	83.8	83.9	84.5	84.6	84.8	84.9	84.9	85.2	85.2	85.2	85.2
GE 600	80.2	81.8	83.1	84.2	85.2	85.4	85.5	86.1	86.3	86.6	86.7	86.7	86.9	86.9	86.9	86.9
GE 500	80.5	82.3	84.0	85.5	86.8	87.1	87.3	88.0	88.2	88.4	88.5	88.5	88.7	88.8	88.8	88.8
GE 400	81.1	83.1	85.1	86.7	88.2	88.6	89.0	89.8	90.1	90.5	90.8	90.8	91.1	91.2	91.2	91.2
GE 300	81.2	83.3	85.5	87.1	88.8	89.2	89.9	91.1	91.5	92.2	93.0	93.3	94.2	94.3	94.4	94.5
GE 200	81.3	83.4	85.6	87.3	89.1	89.6	90.8	92.2	92.7	93.8	94.6	95.1	96.7	96.9	97.1	97.7
GE 100	81.3	83.4	85.6	87.3	89.1	89.6	90.9	92.3	92.8	94.1	94.9	95.4	97.3	97.5	98.1	99.5
GE 000	81.3	83.4	85.6	87.3	89.1	89.6	90.9	92.3	92.8	94.1	94.9	95.4	97.4	97.7	98.3	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	50.3	50.8	51.1	51.2	51.3	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 20000	53.1	53.5	53.9	54.0	54.1	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 18000	53.1	53.5	53.9	54.0	54.1	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 16000	53.1	53.5	53.9	54.0	54.1	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 14000	53.4	53.9	54.2	54.3	54.4	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 12000	54.0	54.4	54.7	54.8	54.9	54.9	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 10000	55.2	55.8	56.1	56.2	56.3	56.3	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 9000	55.4	56.1	56.6	56.7	56.8	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 8000	56.1	57.1	57.5	57.8	58.0	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 7000	56.6	57.5	58.0	58.3	58.4	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 6000	57.0	58.0	58.4	58.7	58.8	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 5000	58.1	59.0	59.5	59.8	59.9	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 4500	59.0	60.0	60.4	60.8	60.9	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 4000	61.2	62.2	62.6	62.9	63.0	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 3500	62.5	63.4	63.9	64.2	64.3	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 3000	63.5	64.5	64.9	65.3	65.4	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 2500	65.4	66.3	66.8	67.1	67.2	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 2000	67.8	68.8	69.4	69.7	69.9	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 1800	68.9	69.9	70.4	70.8	71.0	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 1500	71.6	72.8	73.7	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
GE 1200	73.3	74.7	75.8	76.1	76.6	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 1000	75.6	77.1	78.2	78.6	79.0	79.1	79.2	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 900	76.0	77.7	79.0	79.6	80.0	80.1	80.3	80.4	80.4	80.5	80.5	80.5	80.6	80.6	80.8	80.8
GE 800	77.2	78.9	80.2	81.2	81.7	81.8	82.0	82.2	82.2	82.3	82.3	82.3	82.4	82.4	82.5	82.5
GE 700	77.7	79.7	81.0	82.2	82.9	83.1	83.4	83.5	83.5	83.7	83.7	83.7	83.8	83.8	83.9	83.9
GE 600	78.2	80.2	81.7	83.0	84.5	84.8	85.4	85.5	85.6	85.7	85.7	85.7	85.8	85.8	85.9	85.9
GE 500	78.7	81.1	83.1	84.6	86.5	87.0	87.5	87.7	87.8	88.2	88.3	88.3	88.5	88.5	88.6	88.6
GE 400	78.8	81.3	83.7	85.6	87.6	88.5	89.1	89.5	89.7	90.0	90.4	90.6	91.4	91.4	91.5	91.5
GE 300	78.8	81.4	84.0	86.1	88.4	89.2	90.3	90.6	91.0	91.4	92.6	92.9	93.9	93.9	94.2	94.2
GE 200	79.1	81.7	84.4	86.6	89.1	90.0	91.2	91.7	92.2	92.7	93.9	94.3	95.8	96.0	96.7	97.4
GE 100	79.1	81.7	84.4	86.6	89.1	90.0	91.2	91.7	92.2	93.2	94.4	94.8	96.6	97.2	98.5	99.6
GE 000	79.1	81.7	84.4	86.6	89.1	90.0	91.2	91.7	92.2	93.2	94.4	94.8	96.6	97.2	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	46.0	47.0	47.2	47.5	47.5	47.5	47.6	47.6	47.6	47.7	47.8	47.8	48.0	48.0	48.0	48.0
GE 20000	50.1	51.1	51.4	51.7	51.7	51.7	51.8	51.8	51.8	51.9	52.0	52.0	52.2	52.2	52.2	52.2
GE 18000	50.2	51.2	51.5	51.8	51.8	51.8	51.9	51.9	51.9	52.0	52.2	52.2	52.3	52.3	52.3	52.3
GE 16000	50.2	51.2	51.5	51.8	51.8	51.8	51.9	51.9	51.9	52.0	52.2	52.2	52.3	52.3	52.3	52.3
GE 14000	50.4	51.4	51.7	52.0	52.0	52.0	52.2	52.2	52.2	52.3	52.4	52.4	52.5	52.5	52.5	52.5
GE 12000	51.1	52.0	52.4	52.7	52.7	52.7	52.8	52.8	52.8	52.9	53.0	53.0	53.1	53.1	53.1	53.1
GE 10000	52.9	53.9	54.2	54.5	54.5	54.5	54.6	54.6	54.6	54.7	54.8	54.8	54.9	54.9	54.9	54.9
GE 9000	53.4	54.6	55.1	55.4	55.4	55.4	55.5	55.5	55.5	55.6	55.7	55.7	55.8	55.8	55.8	55.8
GE 8000	54.8	56.2	56.7	57.0	57.0	57.0	57.1	57.1	57.1	57.2	57.3	57.3	57.4	57.4	57.4	57.4
GE 7000	56.0	57.4	57.8	58.2	58.2	58.2	58.3	58.3	58.3	58.4	58.5	58.5	58.6	58.6	58.6	58.6
GE 6000	56.8	58.3	58.7	59.0	59.0	59.0	59.1	59.1	59.1	59.2	59.4	59.4	59.5	59.5	59.5	59.5
GE 5000	57.5	59.0	59.5	59.8	59.8	59.8	59.9	59.9	59.9	60.0	60.1	60.1	60.2	60.2	60.2	60.2
GE 4500	58.0	59.5	59.9	60.2	60.2	60.2	60.3	60.3	60.3	60.4	60.5	60.5	60.6	60.6	60.6	60.6
GE 4000	59.8	61.3	61.7	62.0	62.0	62.0	62.2	62.2	62.2	62.3	62.4	62.4	62.5	62.5	62.5	62.5
GE 3500	61.3	62.8	63.2	63.5	63.7	63.7	63.8	63.8	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.1
GE 3000	62.4	64.0	64.4	64.7	64.9	64.9	65.1	65.1	65.1	65.2	65.3	65.3	65.4	65.4	65.4	65.4
GE 2500	64.5	66.3	66.8	67.1	67.3	67.3	67.4	67.4	67.4	67.5	67.6	67.6	67.7	67.7	67.7	67.7
GE 2000	67.2	69.2	69.7	70.0	70.2	70.2	70.3	70.3	70.3	70.4	70.5	70.5	70.6	70.6	70.6	70.6
GE 1800	67.8	69.9	70.3	70.6	70.9	70.9	71.0	71.0	71.0	71.1	71.2	71.2	71.3	71.3	71.3	71.3
GE 1500	70.5	72.8	73.3	73.7	73.9	73.9	74.0	74.0	74.1	74.2	74.3	74.3	74.4	74.4	74.4	74.4
GE 1200	72.2	74.6	75.3	75.7	75.9	75.9	76.0	76.0	76.1	76.2	76.3	76.3	76.5	76.5	76.5	76.5
GE 1000	72.8	75.3	75.9	76.3	76.6	76.6	76.7	76.7	76.8	76.9	77.0	77.0	77.1	77.1	77.1	77.1
GE 900	74.4	77.2	78.1	78.6	78.8	78.8	78.9	78.9	79.0	79.1	79.2	79.2	79.4	79.4	79.4	79.4
GE 800	75.1	78.2	79.1	79.8	80.4	80.4	80.5	80.5	80.6	80.8	80.9	80.9	81.0	81.1	81.1	81.1
GE 700	75.9	79.4	80.4	81.2	81.8	81.8	82.0	82.2	82.3	82.4	82.5	82.5	82.6	82.7	82.7	82.7
GE 600	76.5	80.1	81.6	82.5	84.1	84.1	84.4	84.5	84.6	84.8	84.9	84.9	85.1	85.3	85.3	85.3
GE 500	77.8	81.6	83.1	84.2	86.3	86.3	87.0	87.2	87.3	87.6	87.7	87.7	88.0	88.2	88.2	88.3
GE 400	78.3	82.2	83.8	85.1	87.3	87.4	88.3	88.5	88.9	89.6	90.1	90.2	90.4	90.6	90.8	90.9
GE 300	78.5	82.5	84.2	85.6	88.0	88.2	89.2	89.7	90.2	91.3	92.2	92.5	92.7	92.9	93.0	93.1
GE 200	78.5	82.5	84.2	85.6	88.3	88.5	89.6	90.1	90.6	92.3	93.3	93.9	94.9	95.4	95.9	96.7
GE 100	78.5	82.5	84.2	85.6	88.3	88.5	89.6	90.3	90.9	92.9	94.1	94.9	96.1	96.6	97.8	99.8
GE 000	78.5	82.5	84.2	85.6	88.3	88.5	89.6	90.3	90.9	92.9	94.1	94.9	96.1	96.6	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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	44.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.7	45.7
GE 20000	51.9	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3
GE 18000	52.4	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8
GE 16000	52.5	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9
GE 14000	52.8	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2
GE 12000	53.8	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2
GE 10000	55.1	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6
GE 9000	55.4	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
GE 8000	57.6	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5
GE 7000	58.7	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6
GE 6000	59.7	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6
GE 5000	60.3	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3
GE 4500	60.9	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8
GE 4000	62.4	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6
GE 3500	64.1	65.9	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6
GE 3000	64.9	67.1	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7
GE 2500	66.7	69.0	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7
GE 2000	68.8	71.3	71.6	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0
GE 1800	69.7	72.2	72.5	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9
GE 1500	72.4	75.3	75.7	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2
GE 1200	73.9	76.9	77.6	78.0	78.0	78.0	78.2	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4
GE 1000	75.1	78.5	79.2	79.7	79.8	79.8	80.0	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2
GE 900	75.8	79.6	80.5	81.0	81.4	81.4	81.7	81.7	81.8	81.9	82.0	82.0	82.2	82.2	82.2	82.2
GE 800	76.7	80.9	81.9	82.5	83.0	83.0	83.3	83.3	83.4	83.5	83.7	83.7	83.8	83.8	83.8	83.8
GE 700	77.6	82.0	83.2	83.9	84.4	84.4	84.8	84.8	84.9	85.1	85.2	85.2	85.3	85.3	85.3	85.3
GE 600	77.8	82.7	83.9	84.6	85.8	85.8	86.3	86.7	86.8	86.9	87.1	87.1	87.2	87.2	87.2	87.2
GE 500	78.8	83.8	85.2	86.0	87.5	87.5	88.3	89.4	89.5	89.8	90.0	90.0	90.1	90.1	90.1	90.1
GE 400	79.1	84.4	86.0	87.0	88.7	88.8	89.7	91.3	91.6	92.6	93.1	93.1	93.3	93.3	93.4	93.4
GE 300	79.1	84.4	86.0	87.4	89.6	89.7	90.9	93.1	93.5	94.7	95.5	95.5	96.0	96.0	96.3	96.5
GE 200	79.1	84.4	86.0	87.4	89.6	89.7	90.9	93.1	93.8	95.3	96.1	96.1	97.1	97.1	97.7	98.2
GE 100	79.2	84.5	86.1	87.5	89.7	89.8	91.0	93.2	93.9	95.4	96.2	96.2	97.2	97.3	98.3	100.0
GE 000	79.2	84.5	86.1	87.5	89.7	89.8	91.0	93.2	93.9	95.4	96.2	96.2	97.2	97.3	98.3	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 20000	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 18000	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 16000	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 14000	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 12000	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 10000	61.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 9000	61.8	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 8000	64.6	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 7000	65.9	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 6000	66.7	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 5000	67.2	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 4500	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 4000	69.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 3500	71.2	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
GE 3000	72.8	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	73.8
GE 2500	74.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 2000	76.2	77.5	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 1800	77.1	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	78.6
GE 1500	79.7	81.3	81.7	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
GE 1200	82.2	84.0	84.4	84.4	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1000	83.3	85.4	85.8	85.8	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 900	84.2	86.2	86.8	87.0	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 800	85.2	87.6	88.2	88.4	89.2	89.4	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 700	85.6	88.1	88.6	88.9	89.9	90.0	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 600	85.9	88.9	89.7	90.2	91.7	91.8	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 500	86.3	89.5	90.5	91.3	93.1	93.2	93.5	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 400	86.5	89.8	91.1	91.8	93.8	94.1	94.9	95.7	96.1	96.6	97.0	97.0	97.0	97.0	97.0	97.0
GE 300	86.7	90.0	91.3	92.0	94.0	94.3	95.2	96.0	96.6	97.0	97.6	97.6	97.8	97.8	97.8	97.8
GE 200	86.7	90.0	91.3	92.0	94.1	94.4	95.3	96.1	96.8	97.5	98.2	98.2	99.0	99.2	99.5	99.5
GE 100	86.7	90.0	91.3	92.0	94.1	94.4	95.3	96.1	96.8	97.6	98.3	98.3	99.1	99.4	99.7	100.0
GE 000	86.7	90.0	91.3	92.0	94.1	94.4	95.3	96.1	96.8	97.6	98.3	98.3	99.1	99.4	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 20000	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 18000	62.5	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	62.6
GE 16000	62.6	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	62.7
GE 14000	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 12000	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 10000	66.0	66.0	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 9000	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	66.9	66.9
GE 8000	68.6	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 7000	69.6	69.8	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 6000	70.2	70.4	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 5000	71.4	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 4500	72.6	72.8	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 4000	73.3	73.5	73.8	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 3500	74.7	74.9	75.2	75.2	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 3000	76.6	76.8	77.0	77.0	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 2500	78.5	78.7	79.0	79.0	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 2000	80.3	80.6	81.1	81.1	81.3	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 1800	81.2	81.7	82.2	82.2	82.6	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1500	83.5	84.5	85.1	85.1	85.6	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1200	85.6	86.9	87.6	87.6	88.5	88.5	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1000	85.9	87.2	88.0	88.0	88.9	88.9	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 900	86.3	87.8	88.6	88.7	89.7	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 800	86.8	88.6	89.4	89.5	90.4	90.4	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	87.1	88.9	89.8	90.0	91.3	91.3	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 600	87.2	89.1	90.3	90.8	92.0	92.0	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 500	87.2	89.2	90.8	91.3	92.8	92.8	93.5	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 400	87.2	89.4	91.0	91.7	93.3	93.3	94.8	95.4	95.4	95.8	96.1	96.1	96.2	96.2	96.2	96.2
GE 300	87.2	89.5	91.1	91.8	93.5	93.5	95.1	95.9	95.9	97.0	97.4	97.4	97.5	97.5	98.1	98.1
GE 200	87.2	89.5	91.1	91.8	93.8	93.8	95.3	96.3	96.3	97.4	97.8	98.0	98.1	98.1	98.9	99.1
GE 100	87.2	89.5	91.1	91.8	93.8	93.8	95.3	96.3	96.3	97.4	98.0	98.1	98.2	98.2	99.4	100.0
GE 000	87.2	89.5	91.1	91.8	93.8	93.8	95.3	96.3	96.3	97.4	98.0	98.1	98.2	98.2	99.4	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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 CRIL	57.6	58.0	58.0	58.0	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	62.4	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 18000	62.7	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 16000	63.0	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 14000	63.4	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 12000	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 10000	67.0	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	67.2	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	68.2	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	68.8	68.8
GE 7000	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 6000	69.0	69.9	69.9	69.9	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 5000	70.4	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	71.7
GE 4500	71.2	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	72.5
GE 4000	72.7	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	74.2	74.2
GE 3500	74.5	75.9	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 3000	76.2	77.8	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 2500	78.3	79.9	80.2	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 2000	79.8	81.9	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1800	79.9	82.0	82.4	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 1500	82.2	84.5	84.8	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 1200	84.0	86.6	87.2	87.5	87.7	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1000	84.9	87.5	88.2	88.5	88.8	88.8	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 900	85.2	87.8	88.7	89.0	89.4	89.5	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 800	85.4	88.1	89.0	89.4	89.8	89.9	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 700	85.6	88.4	89.6	90.2	90.9	91.0	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 600	85.6	88.4	89.6	90.2	91.0	91.2	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 500	86.2	89.4	90.5	91.3	92.0	92.3	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 400	86.3	89.6	91.2	91.9	92.9	93.1	93.8	94.1	94.1	94.3	94.6	94.6	94.6	94.6	94.6	94.7
GE 300	86.3	89.6	91.3	92.0	93.2	93.4	94.2	94.5	94.5	94.7	95.6	95.6	95.9	96.2	96.9	97.2
GE 200	86.3	89.6	91.3	92.0	93.5	93.8	94.6	95.1	95.1	95.6	96.5	96.6	97.1	97.4	98.2	99.4
GE 100	86.3	89.6	91.3	92.0	93.5	93.8	94.6	95.1	95.1	95.6	96.5	96.6	97.2	97.5	98.4	99.8
GE 000	86.3	89.6	91.3	92.0	93.5	93.8	94.6	95.1	95.1	95.6	96.5	96.6	97.2	97.5	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	55.2	55.5	55.6	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 20000	58.4	58.7	58.8	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 18000	58.4	58.7	58.8	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 16000	58.4	58.7	58.8	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 14000	58.7	59.0	59.1	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 12000	59.4	59.7	59.8	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 10000	62.0	62.4	62.6	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 9000	62.3	62.6	62.8	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 8000	63.1	64.0	64.2	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 7000	63.7	64.5	64.7	64.9	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 6000	63.7	64.5	64.7	64.9	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 5000	64.3	65.2	65.4	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 4500	65.5	66.5	66.7	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 4000	67.2	68.2	68.4	68.7	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 3500	68.6	69.7	69.9	70.2	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 3000	70.5	72.0	72.3	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 2500	73.1	74.7	74.9	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 2000	74.8	76.6	76.9	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 1800	75.4	77.2	77.5	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 1500	78.2	80.0	80.3	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1200	80.2	82.3	82.9	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1000	81.8	83.9	84.6	85.1	85.2	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 900	82.5	84.7	85.8	86.2	86.5	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 800	82.7	85.2	86.3	87.0	87.3	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 700	83.0	85.7	87.4	88.3	88.7	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 600	83.4	86.2	88.0	88.8	89.2	89.6	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 500	83.7	86.5	88.4	89.4	90.1	90.4	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 400	83.9	86.7	88.7	89.9	91.4	91.7	92.8	93.3	93.3	93.8	94.2	94.2	94.2	94.3	94.3	94.3
GE 300	83.9	86.8	88.8	90.2	91.7	92.0	93.4	94.3	94.3	94.9	95.6	95.6	95.7	95.9	96.7	96.8
GE 200	83.9	86.8	88.8	90.2	91.7	92.0	93.8	94.6	94.6	95.5	96.1	96.6	97.0	97.2	98.1	98.6
GE 100	83.9	86.8	88.8	90.2	91.8	92.2	94.1	94.9	94.9	95.8	96.5	97.1	97.6	97.8	98.7	99.4
GE 000	83.9	86.8	88.8	90.2	91.8	92.2	94.1	94.9	94.9	95.8	96.5	97.1	97.6	98.0	98.8	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	50.6	51.1	51.3	51.3	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 20000	56.3	56.8	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3
GE 18000	56.5	57.0	57.1	57.2	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 16000	56.5	57.0	57.2	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5
GE 14000	56.9	57.4	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9
GE 12000	57.7	58.2	58.3	58.4	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 10000	59.7	60.3	60.5	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 9000	60.1	60.8	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 8000	61.6	62.5	62.7	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1
GE 7000	62.4	63.4	63.6	63.8	63.8	63.8	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0
GE 6000	62.9	63.9	64.1	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5
GE 5000	63.7	64.7	65.0	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4
GE 4500	64.6	65.6	65.9	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3
GE 4000	66.2	67.4	67.6	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1
GE 3500	67.7	68.9	69.2	69.3	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7
GE 3000	69.1	70.4	70.7	70.9	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3
GE 2500	71.1	72.5	72.8	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 2000	73.2	74.7	75.1	75.3	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7
GE 1800	73.9	75.5	75.8	76.0	76.2	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5
GE 1500	76.5	78.3	78.8	79.0	79.2	79.2	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 1200	78.5	80.5	81.2	81.4	81.8	81.8	81.9	82.0	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2
GE 1000	79.6	81.7	82.5	82.8	83.1	83.2	83.3	83.4	83.4	83.5	83.5	83.5	83.6	83.6	83.6	83.6
GE 900	80.3	82.6	83.5	83.8	84.3	84.4	84.5	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.9	84.9
GE 800	81.0	83.5	84.4	84.9	85.5	85.6	85.8	85.9	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2
GE 700	81.5	84.2	85.3	86.0	86.7	86.8	87.1	87.2	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5
GE 600	81.9	84.7	86.0	86.8	87.9	88.1	88.5	88.7	88.8	88.9	89.0	89.0	89.0	89.1	89.1	89.1
GE 500	82.4	85.4	86.9	87.9	89.4	89.6	90.1	90.5	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.0
GE 400	82.6	85.8	87.6	88.7	90.4	90.7	91.6	92.2	92.4	92.9	93.3	93.3	93.5	93.6	93.6	93.7
GE 300	82.7	85.9	87.8	89.0	90.9	91.2	92.3	93.2	93.4	94.2	94.9	95.1	95.5	95.6	95.9	96.0
GE 200	82.8	86.0	87.8	89.1	91.2	91.5	92.7	93.7	94.0	95.0	95.8	96.1	97.0	97.2	97.8	98.3
GE 100	82.8	86.0	87.8	89.1	91.2	91.5	92.7	93.8	94.1	95.3	96.1	96.4	97.4	97.7	98.6	99.7
GE 000	82.8	86.0	87.8	89.1	91.2	91.5	92.7	93.8	94.1	95.3	96.1	96.4	97.4	97.7	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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	56.6	57.1	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 20000	63.7	64.3	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9
GE 18000	63.8	64.5	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0
GE 16000	63.8	64.5	64.7	64.8	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 14000	64.1	64.8	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 12000	65.0	65.7	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2
GE 10000	67.2	67.9	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5
GE 9000	67.5	68.3	68.5	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 8000	69.5	70.3	70.6	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0
GE 7000	70.2	71.1	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7
GE 6000	70.6	71.5	71.8	71.9	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 5000	71.4	72.3	72.6	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0
GE 4500	72.0	72.9	73.3	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 4000	74.2	75.2	75.5	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3500	76.4	77.4	77.8	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3
GE 3000	78.9	80.1	80.6	80.8	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 2500	80.9	82.2	82.7	82.9	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3
GE 2000	83.0	84.5	85.0	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7
GE 1800	83.5	85.0	85.6	85.8	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1500	85.6	87.3	87.9	88.2	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8
GE 1200	87.3	89.1	89.9	90.2	90.5	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.9
GE 1000	88.3	90.3	91.2	91.6	92.0	92.0	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4
GE 900	88.8	91.0	91.9	92.4	92.8	92.8	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
GE 800	89.2	91.5	92.5	93.0	93.5	93.6	93.7	93.8	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0
GE 700	89.6	92.0	93.1	93.7	94.2	94.3	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8
GE 600	89.8	92.3	93.5	94.2	94.9	95.0	95.2	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
GE 500	90.1	92.7	94.0	94.8	95.6	95.7	96.1	96.3	96.3	96.5	96.5	96.5	96.5	96.6	96.6	96.6
GE 400	90.2	92.9	94.3	95.1	96.1	96.3	96.7	97.0	97.1	97.3	97.4	97.4	97.5	97.5	97.6	97.6
GE 300	90.2	93.0	94.4	95.3	96.4	96.5	97.1	97.4	97.6	97.9	98.1	98.2	98.3	98.3	98.4	98.5
GE 200	90.2	93.0	94.4	95.3	96.5	96.6	97.2	97.6	97.8	98.2	98.5	98.6	98.9	98.9	99.1	99.3
GE 100	90.2	93.0	94.4	95.3	96.5	96.7	97.3	97.6	97.8	98.3	98.7	98.8	99.1	99.2	99.5	99.9
GE 000	90.2	93.0	94.4	95.3	96.5	96.7	97.3	97.6	97.8	98.3	98.7	98.8	99.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 87641

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: JAN HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS	GT 1/2	PARTIAL OBS	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	31.0	18.5	17.1	28.2	5.3	50.5	3.5	930
03-05	28.3	17.8	16.7	31.2	6.0	53.9	3.2	930
06-08	17.7	24.2	21.9	30.3	5.8	58.1	5.9	930
09-11	14.0	24.3	24.4	34.6	2.7	61.7	6.6	930
12-14	13.9	28.1	26.2	30.2	1.6	58.1	2.8	930
15-17	11.8	33.0	27.0	26.6	1.6	55.2	1.9	930
18-20	18.5	30.6	21.2	27.5	2.2	50.9	2.4	930
21-23	27.3	24.9	16.1	29.0	2.6	47.7	3.7	930
ALL HOURS	20.3	25.2	21.3	29.7	3.5	54.5	3.8	7440

MONTH: FEB HOURS: ALL

00-02	27.3	21.6	15.6	32.2	3.3	51.1	1.4	846
03-05	26.1	20.3	15.2	35.3	3.0	53.5	4.0	846
06-08	15.2	24.9	21.5	34.5	3.4	59.8	4.8	846
09-11	9.7	28.3	22.8	37.1	2.1	62.1	4.0	846
12-14	9.9	29.6	26.7	33.1	.7	60.5	2.4	846
15-17	11.2	30.3	27.7	30.1	.7	58.5	3.0	846
18-20	15.1	30.0	25.9	27.7	1.3	54.8	2.0	846
21-23	29.2	24.0	18.1	25.5	3.2	46.8	.8	846
ALL HOURS	18.0	26.1	21.7	32.0	2.2	55.9	2.8	6768

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: MAR HOURS: ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	29.9	21.6	15.1	32.8	.5	48.4	1.9	929
03-05	28.8	15.7	18.5	36.2	.8	55.5	2.4	930
06-08	14.5	25.2	21.2	37.3	1.8	60.3	3.4	930
09-11	13.4	24.6	26.6	34.2	1.2	61.9	2.4	930
12-14	10.4	29.9	28.8	30.5	.3	59.7	2.0	930
15-17	10.7	35.0	29.0	25.1	.3	54.4	2.8	929
18-20	18.0	32.2	27.1	22.8		49.9	1.2	930
21-23	28.9	24.2	19.1	27.6	.1	46.9	1.2	930
ALL HOURS	19.3	26.0	23.2	30.8	.6	54.6	2.2	7438

MONTH: APR HOURS: ALL

00-02	30.0	22.7	17.4	28.8	1.1	47.3	1.6	900
03-05	26.6	21.7	18.3	32.6	.9	51.8	2.8	900
06-08	10.1	30.5	27.3	30.5	1.7	59.4	4.6	899
09-11	13.0	29.4	26.2	30.9	.4	57.6	2.7	900
12-14	14.6	30.5	28.6	26.4		54.9	1.3	899
15-17	11.6	36.3	30.9	21.2		52.1	.8	900
18-20	16.2	36.7	28.4	18.7		47.1	.4	900
21-23	31.4	25.3	18.8	24.0	.4	43.2	.6	900
ALL HOURS	19.2	29.1	24.5	26.6	.6	51.7	1.8	7198

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: MAY HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	
00-02	21.4	25.2	26.6	26.9	930
03-05	15.3	24.2	28.9	31.2	930
06-08	5.9	25.5	33.7	34.3	930
09-11	7.1	25.8	38.2	28.6	930
12-14	5.9	30.6	42.4	21.1	930
15-17	6.0	36.5	40.0	17.5	930
18-20	8.6	39.9	35.2	16.3	930
21-23	21.6	34.1	24.2	20.1	930
ALL HOURS	11.5	30.2	33.6	24.5	7440

MONTH: JUN HOURS: ALL

00-02	31.1	32.8	18.8	17.3	900
03-05	19.5	31.6	29.0	19.6	899
06-08	7.2	35.7	36.3	20.6	900
09-11	3.9	37.3	43.1	15.7	900
12-14	3.0	39.8	46.2	11.0	900
15-17	2.6	50.4	38.8	8.2	900
18-20	6.0	55.4	27.4	11.1	900
21-23	26.0	41.6	18.3	13.9	900
ALL HOURS	12.4	40.6	32.3	14.7	7199

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: JUL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST			
00-02	40.5	38.6	13.1	7.7	20.9	.2	930
03-05	28.9	42.8	19.5	8.8	28.3	.5	930
06-08	9.9	52.0	28.9	9.1	38.1	1.1	930
09-11	8.7	55.6	26.6	9.1	35.7	.3	930
12-14	3.3	56.7	32.8	7.2	40.0	.3	930
15-17	2.8	55.4	33.0	8.8	41.8	.6	930
18-20	7.3	56.7	26.7	9.4	36.0	.3	930
21-23	28.3	49.6	16.6	5.6	22.2		930
ALL HOURS	16.2	50.9	24.6	8.2	32.9	.4	7440

MONTH: AUG HOURS: ALL

00-02	40.6	38.8	14.2	6.3	20.5	1.0	930
03-05	34.3	43.0	16.6	6.1	22.7	1.3	930
06-08	7.4	55.7	29.6	7.3	36.9	1.6	930
09-11	7.8	54.7	29.1	8.3	37.4	.9	930
12-14	1.8	57.7	32.2	8.3	40.4	.5	930
15-17	1.1	55.9	35.1	8.0	43.0	1.0	930
18-20	5.1	55.5	30.4	9.0	39.5	.9	930
21-23	29.2	45.7	17.4	7.6	25.1	.6	930
ALL HOURS	15.9	50.9	25.6	7.6	33.2	1.0	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: SEP HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	35.4	33.4	18.4	12.3	.3	31.1	.6	900
03-05	31.8	33.1	20.4	14.3	.3	35.1	1.0	900
06-08	14.7	37.7	30.3	17.1	.2	47.7	2.3	900
09-11	12.9	33.2	38.6	15.2	.1	53.9	1.4	900
12-14	7.8	41.6	38.6	12.1		50.7	.7	900
15-17	7.7	46.3	36.7	9.3		46.0	.4	900
18-20	15.2	44.5	30.4	9.9		40.4	.6	897
21-23	32.1	40.7	16.2	10.8	.2	27.2	.8	897
ALL HOURS	19.7	38.8	28.7	12.6	.2	41.5	1.0	7194

MONTH: OCT HOURS: ALL

00-02	38.7	22.7	16.3	20.3	1.9	38.6	3.5	930
03-05	32.3	24.8	15.2	25.8	1.9	42.9	5.2	930
06-08	17.6	29.2	24.9	24.3	3.9	53.1	7.6	930
09-11	14.8	29.9	32.4	21.1	1.8	55.3	4.1	930
12-14	11.0	38.8	29.8	20.4		50.2	2.4	930
15-17	11.6	43.5	28.9	15.9		44.8	1.4	930
18-20	21.9	41.0	21.1	15.7	.3	37.1	1.2	930
21-23	36.1	30.1	15.3	17.3	1.2	33.8	2.2	930
ALL HOURS	23.0	32.5	23.0	20.1	1.4	44.5	3.4	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: NOV HOURS:ALL

HOURS (LST)	AIRWAY CLASSES							TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	
00-02	33.3	21.4	15.4	27.4	2.3	45.2	2.6	900
03-05	32.8	16.4	17.3	29.3	4.1	50.8	3.2	900
06-08	17.6	27.4	21.6	28.0	5.4	55.0	5.0	900
09-11	14.2	29.2	28.9	25.3	2.3	56.6	3.7	900
12-14	14.7	31.6	30.8	21.6	1.4	53.8	1.1	900
15-17	13.2	34.9	29.4	21.0	1.4	51.9	.9	900
18-20	22.3	33.1	21.8	21.4	1.3	44.6	.9	900
21-23	33.4	25.4	16.0	23.4	1.7	41.1	1.6	900
ALL HOURS	22.7	27.4	22.7	24.7	2.5	49.9	2.4	7200

MONTH: DEC HOURS: ALL

00-02	30.0	18.9	14.2	33.1	3.8	51.1	5.2	930
03-05	30.6	17.1	13.7	33.1	5.5	52.3	4.3	930
06-08	19.2	24.4	20.3	30.2	5.8	56.3	5.1	930
09-11	11.7	28.9	23.3	31.7	4.3	59.4	4.7	930
12-14	13.1	30.8	21.8	32.7	1.6	56.1	3.3	930
15-17	12.4	34.0	21.2	30.4	2.0	53.7	3.4	930
18-20	19.8	30.9	17.2	29.4	2.8	49.4	2.2	930
21-23	28.3	22.4	14.7	31.7	2.9	49.4	3.1	930
ALL HOURS	20.6	25.9	18.3	31.5	3.6	53.4	3.9	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	32.5	26.4	16.9	22.7	1.5	41.1	1.9	10955
03-05	28.0	25.8	19.1	25.2	1.9	46.3	2.5	10955
06-08	13.1	32.8	26.5	25.3	2.4	54.1	3.8	10955
09-11	11.0	33.5	30.0	24.3	1.3	55.5	2.7	10956
12-14	9.1	37.2	32.1	21.2	.5	53.7	1.5	10955
15-17	8.5	41.0	31.5	18.5	.5	50.4	1.4	10955
18-20	14.5	40.6	26.1	18.2	.7	44.9	1.0	10953
21-23	29.3	32.4	17.6	19.7	1.0	38.3	1.2	10953
ALL HOURS	18.2	33.7	25.0	21.9	1.2	48.1	2.0	87637

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAAAA	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 (FME-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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5010-6103,6311-6612,6809-9109
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 105						.2	.5	.5	.1				.1
GE 100			.1		.2	2.7	8.8	14.3	1.7	.1			2.3
GE 95			.3	.3	2.0	17.8	51.7	51.0	12.3	.9			11.3
GE 90		.1	1.3	3.8	16.1	59.7	85.3	80.8	45.8	6.1	.2		24.8
GE 85	.2	1.3	4.4	15.9	43.7	85.0	96.0	93.1	72.8	25.5	2.5	.5	36.6
GE 80	2.0	5.4	15.8	39.8	71.3	94.9	99.0	97.9	85.7	49.9	12.5	2.4	47.9
GE 75	8.0	15.7	33.8	63.5	88.0	98.7	99.9	99.7	93.9	71.3	30.2	8.9	59.1
GE 70	20.4	28.8	52.3	81.1	96.1	99.9	100.0	100.0	97.9	84.3	49.1	23.8	69.4
GE 65	33.6	44.4	69.3	91.7	99.3	100.0			99.2	92.7	64.6	40.5	77.9
GE 60	46.6	58.2	81.0	96.6	99.6				99.8	97.0	75.8	55.7	84.1
GE 55	59.9	68.6	88.8	98.8	100.0				100.0	99.0	86.2	70.4	89.3
GE 50	71.1	79.3	93.9	99.7						99.6	92.3	80.8	93.0
GE 45	80.8	88.4	96.6	99.9						100.0	96.0	89.0	95.9
GE 40	88.3	94.7	98.6	100.0							99.0	94.4	97.9
GE 35	94.6	97.7	99.8								99.7	97.7	99.1
GE 33	96.9	98.6	99.9								100.0	98.4	99.5
GE 30	98.1	99.5	100.0									98.9	99.7
GE 25	99.6	99.6										99.5	99.9
GE 20	99.8	100.0										99.8	100.0
GE 15	100.0											100.0	100.0
MEAN	57.2	61.1	68.7	76.5	82.7	89.9	94.1	93.8	87.4	78.3	67.3	60.1	76.4
SD	13.15	12.72	11.04	8.27	6.78	5.56	4.70	5.59	7.18	8.62	11.07	11.81	15.87
TOTAL OBS	1117	1020	1102	1059	1084	1059	1091	1097	1068	1127	1099	1117	13040

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5010-6103,6311-6612,6809-9109
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 85									.1				.0
GR 80						.4	1.9	1.8	.2				.4
GE 75					2.7	17.0	35.7	40.1	11.0	1.1			8.9
GE 70			.1	3.6	21.9	68.4	92.8	89.7	52.5	9.3	.9		28.2
GE 65	.6	.5	4.6	19.0	51.1	91.0	99.4	99.5	76.4	7.4	7.7	1.4	39.5
GE 60	3.3	5.1	13.1	39.9	80.2	97.6	100.0	100.0	89.4	49.2	15.3	5.0	49.7
GE 55	7.4	10.9	25.8	63.6	92.1	100.0			99.0	69.0	27.0	9.7	58.3
GE 50	15.6	22.0	44.3	80.6	98.2				98.8	86.1	44.1	19.0	67.3
GE 45	26.2	38.9	65.2	92.1	99.5				99.7	95.1	60.9	33.9	75.9
GE 40	41.5	58.0	81.9	97.5	100.0				100.0	99.0	78.3	53.6	84.1
GE 35	61.5	76.6	92.3	99.4						99.8	90.7	74.0	91.2
GE 33	70.8	82.7	95.0	99.8						99.9	94.4	81.2	93.6
GE 30	81.8	88.4	97.7	100.0						100.0	97.4	87.9	96.1
GE 25	91.3	95.8	99.2								99.5	93.8	98.3
GE 20	96.9	98.4	99.9								100.0	97.9	99.4
GE 15	99.2	99.4	100.0									99.0	99.8
GE 10	99.9	99.7										99.7	99.9
GE 5	100.0	100.0										99.9	100.0
GE 0												99.9	100.0
GE -5												100.0	100.0
MEAN	38.3	41.6	48.2	56.7	64.2	70.6	73.5	73.4	68.2	58.6	48.0	40.6	56.8
SD	10.45	10.16	9.54	8.12	6.30	4.31	2.90	3.14	6.35	8.23	10.25	10.36	14.97
TOTAL OBS	1117	1020	1102	1059	1084	1059	1091	1097	1068	1127	1099	1117	13040

K - 2 - 2

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5010-6103,6311-6612,6809-9109
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 95							.2						.0
GE 90						.8	2.9	5.5	.6				.8
GE 85					1.3	15.4	48.0	48.0	11.1	.4			10.4
GE 80			.3	2.0	17.3	65.3	90.7	86.0	49.8	6.8			26.4
GE 75	.1	.4	3.0	13.1	47.5	90.1	98.8	98.1	75.7	24.8	3.0	.2	37.7
GE 70	1.2	3.5	13.1	41.2	77.7	98.2	99.9	99.8	90.4	48.7	13.7	2.1	49.0
GE 65	7.6	12.0	30.7	65.3	93.3	99.9	100.0	100.0	96.4	72.0	27.6	8.3	59.3
GE 60	16.2	24.5	48.4	83.8	98.2	100.0			99.2	86.8	46.0	19.9	68.5
GE 55	28.6	41.3	68.2	93.5	99.8				100.0	94.9	64.1	35.4	77.1
GE 50	45.7	58.2	83.4	98.3	100.0					98.8	78.3	54.7	84.7
GE 45	62.1	74.8	92.6	99.5						99.9	90.3	74.8	91.1
GE 40	77.0	87.0	96.8	99.9						100.0	95.4	86.8	95.2
GE 35	88.4	94.3	98.9	100.0							99.4	93.6	97.9
GE 33	91.5	96.2	99.2								99.6	95.7	98.5
GE 30	94.6	98.2	99.8								100.0	97.2	99.1
GE 25	98.6	99.1	100.0									98.8	99.7
GE 20	99.6	99.6										99.4	99.9
GE 15	100.0	100.0										99.8	100.0
GE 10												100.0	100.0
MEAN	48.0	51.6	58.7	66.9	73.7	80.5	84.0	83.9	78.1	68.7	57.9	50.6	66.8
SD	11.01	10.64	9.50	7.31	5.88	4.40	3.38	3.98	6.14	7.70	9.94	10.25	15.03
TOTAL OBS	1117	1020	1102	1059	1084	1059	1091	1097	1068	1127	1099	1117	13040

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5010-6103,6311-6612,6809-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50										90	86	79	90*
51	82	80	89	94	96	98	104	104	103	95	86	85	104
52	83	81	87	85	92	97	100	105	102	92	84	81	105
53	80	81	83	92	92	102	100	105	105	92	77	75	105
54	77	89	93	89	95	100	109	104	100	97	81	85	109
55	78	77	92	92	97	95	99	102	94	92	89	89	102
56	81	83	93	88	95	104	109	104	101	97	82	81	109
57	81	88	81	85	92	96	105	102	97	88	80	76	105
58	74	74	76	92	98	96	100	101	96	89	86	84	101
59	73	86	87	90	97	100	97	99	97	89	78	73	100
60	74	88	83	90	91	101	102	96	94*	89	83	73	102*
61	74	79	81*										81*
63											86*		86*
64	74*	70*	81*	88*	90*	96*	101*	104*	96*	84	80*	81*	104*
65	76*	65*	77	85*	89*	95*	98*	98*	97	88*	86*	72*	98*
66	68*	69*	86*	90*	95*	93*	102*	100*	95*	86*	83*	79*	102*
68									95*	87*	81*	73*	95*
69	85*	83*	84*	92*	88*	97*	100*	103*	92*	90	82*	73*	103*
70	80*	82*	78*	85*	85*	96*	99	100	96	89	82	78	100*
71	86	79	101	93	93	97	100	93	95	87	81	77	101
72	84	89	89	92	90	99	94	94	93	90	79	80	99
73	70	74	79	82	93	92	96	98	93	88	84	84	98
74	78	81	97	91	92	97	103	97	92	87	82	75	103
75	81	79	87	88	88	93	100	97	98	89	87	79	100
76	78	82	89	86	89	94	95	101	94	86	81	75	101
77	68	85	84	86	88	94	101	101	101	95	82	86	101
78	83	81	80	92	100	103	106	100	94	90	82	78	106
79	68	84	82	90	86	99	96	96	96	101	81	74	101
80	77	86	81	88	93	107	104	103	100	92	91	82	107

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5010-6103,6311-6612,6809-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	75	79	83	90	93	96	98	101	93	91	80	78	101
82	79	84	84	95	93	93	100	100	97	94	83	77	100
83	74	75	86	88	90	98	99	101	96	97	86	80	101
84	76	79	92	94	100	100	99	103	95	91	80	75	103
85	73	72	87	88	99	95	101	102	102	90	83	74	102
86	80	93	80	94	88	96	103	101	91	90	82	67	103
87	77	75	80	93	88	93	98	102	93	92	85	80	102
88	75	82	87	93	95	97	101	107	100	89	93	78	107
89	81	84	91	97	97	96	102	98	100	97	89	79	102
90	82	82	77	98	95	100	100	103	100	95	83	81	103
91	74	80	98	93	93	95	100	101	91				101*
.....													
GREATEST	86	93	101	98	100	107	109	107	105	101	93	89	109
.....													
TOTAL OBS	1117	1020	1102	1059	1084	1059	1091	1097	1068	1127	1099	1117	13040

THE GREATEST VALUE OF 109 OCCURRED ON 07/26/54

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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5010-6103,6311-6612,6809-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50										55	25	14	14*
51	14	9	30	41	53	63	71	71	54	45	27	20	9
52	31	32	32	37	50	65	68	71	61	42	32	24	24
53	23	27	37	39	48	66	63	68	60	45	34	21	21
54	19	32	28	40	44	61	72	70	59	42	40	32	19
55	29	23	25	49	60	56	69	68	66	40	25	24	23
56	25	26	30	40	60	63	70	67	61	50	30	30	25
57	20	38	28	33	49	64	72	69	54	34	32	23	20
58	28	21	33	43	52	63	69	67	57	47	25	19	19
59	11	27	38	38	58	64	68	64	55	40	22	33	11
60	21	19	24	46	44	68	70	68	66*	45	33	26	19*
61	22	30	42*										22*
63											39*		39*
64	16*	32*	32*	43*	59*	58*	69*	71*	58*	50	33*	22*	16*
65	28*	18*	21	50*	53*	62*	71*	70*	57	50*	41*	40*	18*
66	16*	23*	40*	50*	52*	66*	73*	63*	62*	48*	35*	24*	16*
68									55*	47*	31*	22*	22*
69	25*	32*	31*	51*	47*	57*	72*	70*	63*	43	35*	30*	25*
70	22*	25*	33*	38*	50*	56*	63	69	57	44	27	29	22*
71	20	19	28	44	50	69	62	65	49	47	34	33	19
72	14	19	35	42	55	56	62	67	48	42	28	18	14
73	10	19	38	32	42	60	67	61	56	44	42	24	10
74	21	22	34	38	56	58	67	67	48	41	27	28	21
75	19	22	30	34	55	58	66	68	49	44	27	25	19
76	18	28	35	43	49	59	69	67	55	36	21	19	18
77	19	27	33	46	55	65	69	70	63	42	31	27	19
78	20	22	24	44	46	64	68	67	61	49	35	22	20
79	15	23	32	42	45	57	69	67	53	40	22	23	15
80	24	24	16	35	50	64	65	69	55	31	34	25	16

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5010-6103,6311-6612,6809-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	28	16	32	40	44	66	72	64	44	41	34	23	16
82	7	17	30	43	47	57	70	69	51	36	29	24	7
83	29	26	33	36	50	55	65	70	42	46	32	9	9
84	13	21	32	35	47	57	61	66	44	43	29	28	13
85	15	7	35	44	52	57	65	68	49	45	36	20	7
86	28	25	34	42	53	66	68	66	65	45	30	34	25
87	27	29	31	32	59	61	68	70	56	47	35	28	27
88	17	21	29	43	54	61	70	71	58	51	35	30	17
89	32	12	23	39	59	57	68	65	48	36	33	-1	-1
90	32	36	34	41	52	68	65	67	56	39	34	11	11
91	28	33	37	47	47	64	69	69	51				28*
LEAST	7	7	16	32	42	55	61	61	42	31	21	-1	-1
TOTAL OBS	1117	1020	1102	1059	1084	1059	1091	1097	1068	1127	1099	1117	13040

THE LEAST VALUE OF -1 OCCURRED ON 12/23/89

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: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5010-6103,6311-6612,6809-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50										73	58	50	60*
51	50	53	61	67	74	81	86	88	79	70	56	53	68
52	58	58	58	64	72	82	84	88	79	67	56	50	68
53	56	53	65	66	73	85	85	84	80	70	56	47	68
54	50	59	58	72	72	83	88	86	83	72	59	56	70
55	50	52	61	72	77	79	84	84	80	70	58	51	68
56	49	54	61	67	78	84	87	86	82	74	56	56	70
57	48	59	57	64	73	80	87	86	76	64	54	55	67
58	49	47	52	65	75	82	85	85	78	67	60	47	66
59	46	50	58	63	76	80	82	82	78	67	50	52	66
60	48	46	53	69	72	82	83	82	81*	72	61	46	65*
61	45	54	66*										51*
63											61*		61*
64	49*	47*	58*	68*	76*	81*	85*	86*	78*	66	60*	51*	67*
65	53*	47*	50	69*	73*	80*	85*	85*	80	68*	65*	55*	68*
66	43*	48*	60*	68*	74*	80*	86*	83*	78*	69*	63*	51*	67*
68									75*	69*	55*	51*	63*
69	53*	51*	51*	67*	71*	79*	85*	82*	77*	66	57*	54*	66*
70	42*	53*	53*	68*	71*	78*	82	85	79	67	58	59	67*
71	54	54	62	67	75	82	83	78	77	70	58	54	68
72	48	53	63	71	71	80	80	80	79	67	50	45	66
73	42	46	59	59	71	76	81	80	77	69	64	52	65
74	48	55	65	68	77	80	84	81	71	68	56	50	67
75	52	51	58	66	73	80	82	83	75	69	59	53	67
76	49	61	62	66	70	79	80	83	77	61	50	46	65
77	40	53	60	66	74	81	85	85	83	70	59	54	68
78	39	43	56	69	76	85	86	84	79	69	59	48	66
79	39	48	60	66	70	79	82	81	76	71	55	50	65
80	48	50	56	63	73	84	86	85	81	68	57	54	67

E - 4 - 1A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: +06

PERIOD OF RECORD: 5010-6103,6311-6612,6809-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	48	51	57	69	74	81	85	82	77	69	59	50	67
82	48	47	61	64	75	80	85	84	79	68	57	50	67
83	47	50	56	63	71	78	82	83	77	70	61	39	65
84	43	53	61	67	75	80	83	84	74	68	56	55	67
85	41	47	62	68	74	79	83	86	78	70	60	46	66
86	52	55	61	69	72	80	85	82	80	67	57	50	68
87	48	53	56	66	74	78	82	86	77	69	58	51	67
88	46	51	59	68	73	79	84	88	80	70	63	53	68
89	54	46	60	69	78	80	85	83	77	70	60	42	67
90	56	56	59	66	75	84	82	85	79	68	62	48	68
91	45	55	62	70	75	80	84	84	75				70*
.....													
MEAN	48.0	51.6	58.7	66.9	73.7	80.5	84.0	83.9	78.1	68.7	57.9	50.6	66.8
.....													
TOTAL OBS	1117	1020	1102	1059	1084	1059	1091	1097	1068	1127	1099	1117	13040
.....													

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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	43.2	10.223	930	0	125	21	0	0	930
03-05	41.9	10.258	930	0	161	15	0	0	930
06-08	41.0	10.400	930	0	180	19	0	0	930
09-11	46.6	10.816	930	0	88	45	0	0	930
12-14	53.8	12.577	930	0	45	225	3	0	930
15-17	56.1	12.677	930	0	39	287	5	0	930
18-20	49.2	10.895	930	0	64	78	0	0	930
21-23	45.3	10.309	930	0	93	29	0	0	930
ALL HOURS	47.1	12.188	7440	0	795	719	8	0	7440

MONTH: FEB

00-02	46.7	11.214	846	0	84	43	0	0	846
03-05	45.3	11.312	846	0	101	32	0	0	846
06-08	44.3	11.108	846	0	114	22	0	0	846
09-11	50.5	11.979	846	0	63	107	1	0	846
12-14	57.2	13.276	846	0	34	279	22	1	846
15-17	59.5	13.439	846	0	26	346	35	3	846
18-20	53.8	11.917	846	0	37	166	9	0	846
21-23	48.9	10.953	846	0	58	61	0	0	846
ALL HOURS	50.8	13.048	6768	0	517	1056	67	4	6768

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	54.5	9.829	930	0	9	170	0	0	930
03-05	52.8	10.202	930	0	17	139	0	0	930
06-08	52.3	10.233	930	0	25	138	0	0	930
09-11	59.3	10.107	930	0	11	331	6	0	930
12-14	66.0	10.917	930	0	6	561	67	1	930
15-17	68.3	10.883	930	0	5	641	109	3	930
18-20	62.9	10.135	930	0	5	450	20	1	930
21-23	57.4	9.524	930	0	10	268	0	0	930
ALL HOURS	59.2	11.693	7440	0	88	2698	202	5	7440

MONTH: APR

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	61.2	7.945	900	0	0	361	0	0	900
03-05	59.2	8.311	900	0	0	277	0	0	900
06-08	59.7	8.256	900	0	0	298	0	0	900
09-11	67.7	8.477	900	0	0	630	46	0	900
12-14	73.8	9.411	900	0	0	748	267	7	900
15-17	75.8	9.603	900	0	0	772	381	16	900
18-20	70.5	8.772	900	0	0	692	132	0	900
21-23	64.1	7.932	900	0	0	500	4	0	900
ALL HOURS	66.5	10.538	7200	0	0	4278	830	23	7200

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	68.3	5.923	930	0	0	693	1	0	930
03-05	66.6	6.154	930	0	0	594	0	0	930
06-08	67.7	6.099	930	0	0	659	5	0	930
09-11	74.7	6.454	930	0	0	866	222	0	930
12-14	80.3	6.823	930	0	0	913	549	19	930
15-17	81.9	7.079	930	0	0	920	612	43	930
18-20	77.4	6.713	930	0	0	903	362	7	930
21-23	71.3	5.999	930	0	0	811	78	0	930
ALL HOURS	73.5	8.426	7440	0	0	6359	1829	69	7440

MONTH: JUN

00-02	73.6	4.408	900	0	0	866	59	0	900
03-05	71.5	4.134	900	0	0	845	3	0	900
06-08	73.1	4.409	900	0	0	867	41	0	900
09-11	80.8	5.089	900	0	0	897	582	2	900
12-14	86.1	5.507	900	0	0	899	791	74	900
15-17	87.7	6.015	900	0	0	900	812	165	900
18-20	83.4	5.896	900	0	0	900	689	41	900
21-23	77.0	4.764	900	0	0	896	279	1	900
ALL HOURS	79.1	7.760	7200	0	0	7070	3256	283	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	76.9	3.474	930	0	0	930	238	0	930
03-05	74.4	2.991	930	0	0	928	21	0	930
06-08	75.7	3.609	930	0	0	929	147	0	930
09-11	84.9	4.461	930	0	0	930	832	29	930
12-14	90.7	4.847	930	0	0	930	897	346	930
15-17	92.1	5.606	930	0	0	930	880	539	930
18-20	87.4	5.739	930	0	0	930	837	176	930
21-23	80.5	4.111	930	0	0	930	593	0	930
ALL HOURS	82.8	7.841	7440	0	0	7437	4445	1090	7440

MONTH: AUG

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	78.1	3.681	930	0	0	930	372	0	930
03-05	75.4	3.118	930	0	0	930	73	0	930
06-08	75.9	3.573	930	0	0	930	158	0	930
09-11	85.4	5.064	930	0	0	930	817	66	930
12-14	91.8	5.479	930	0	0	930	894	467	930
15-17	93.1	6.202	930	0	0	930	883	604	930
18-20	87.9	6.202	930	0	0	930	812	242	930
21-23	81.3	4.318	930	0	0	930	636	0	930
ALL HOURS	83.6	8.156	7440	0	0	7440	4645	1379	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	71.6	6.711	900	0	0	762	66	0	900
03-05	69.7	6.904	900	0	0	714	11	0	900
06-08	70.0	7.077	900	0	0	722	28	0	900
09-11	78.6	7.327	900	0	0	855	474	8	900
12-14	84.5	7.632	900	0	0	877	725	78	900
15-17	85.7	8.117	900	0	0	876	726	160	900
18-20	79.8	7.992	897	0	0	854	504	28	897
21-23	74.2	7.135	897	0	0	806	201	0	897
ALL HOURS	76.8	9.441	7194	0	0	6466	2735	274	7194

MONTH: OCT

00-02	63.3	8.341	930	0	0	444	7	0	930
03-05	61.5	8.747	930	0	0	373	2	0	930
06-08	61.5	8.801	930	0	0	370	1	0	930
09-11	69.4	8.521	930	0	0	675	120	0	930
12-14	75.8	8.979	930	0	0	825	326	10	930
15-17	77.2	8.825	930	0	0	835	390	18	930
18-20	70.4	8.598	930	0	0	715	145	1	930
21-23	65.7	8.220	930	0	0	541	27	0	930
ALL HOURS	68.1	10.389	7440	0	0	4778	1018	29	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	54.6	10.299	900	0	2	201	0	0	900
03-05	53.4	10.651	900	0	5	179	0	0	900
06-08	52.8	10.834	900	0	11	178	0	0	900
09-11	59.7	10.460	900	0	2	329	9	0	900
12-14	66.1	10.868	900	0	0	541	79	0	900
15-17	66.9	10.689	900	0	0	553	87	1	900
18-20	59.6	9.846	900	0	1	328	5	0	900
21-23	56.2	9.967	900	0	3	232	0	0	900
ALL HOURS	58.6	11.621	7200	0	24	2541	180	1	7200

MONTH: DEC

00-02	44.2	12.100	930	0	145	42	0	0	930
03-05	43.1	12.392	930	0	155	33	0	0	930
06-08	42.3	12.597	930	3	171	40	0	0	930
09-11	47.8	12.922	930	0	110	88	0	0	930
12-14	54.5	13.772	930	0	59	257	1	0	930
15-17	55.7	13.652	930	0	57	286	5	0	930
18-20	48.8	12.077	930	0	91	82	0	0	930
21-23	45.6	12.005	930	0	130	45	0	0	930
ALL HOURS	47.7	13.568	7440	3	916	873	6	0	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	61.4	14.718	10956	0	365	5463	743	0	10956
03-05	59.6	14.468	10956	0	439	5059	110	0	10956
06-08	59.7	15.143	10956	3	501	5172	380	0	10956
09-11	67.2	16.258	10956	0	274	6683	3109	105	10956
12-14	73.5	16.353	10956	0	144	7985	4621	1003	10956
15-17	75.1	16.281	10956	0	127	8276	4925	1552	10956
18-20	69.3	16.400	10953	0	198	7028	3515	496	10953
21-23	64.0	15.170	10953	0	294	6049	1818	1	10953
ALL HOURS	66.2	16.604	87642	3	2342	51715	19221	3157	87642

E - 5 - 1 - 7

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	39.5	10.051	930	227	156	3	0	0	930
03-05	38.7	10.232	930	272	149	0	0	0	930
06-08	38.0	10.437	930	293	133	1	0	0	930
09-11	41.6	10.143	930	158	204	3	0	0	930
12-14	45.3	10.110	930	89	315	8	0	0	930
15-17	46.4	9.855	930	72	364	7	0	0	930
18-20	43.1	9.658	930	111	235	0	0	0	930
21-23	40.9	9.879	930	164	191	0	0	0	930
ALL HOURS	41.7	10.420	7440	1386	1747	22	0	0	7440

MONTH: FEB

00-02	42.9	10.713	846	148	234	2	0	0	846
03-05	41.9	10.948	846	161	219	2	0	0	846
06-08	41.2	10.975	846	197	196	0	0	0	846
09-11	44.9	10.669	846	106	296	6	0	0	846
12-14	48.3	10.220	846	55	396	6	0	0	846
15-17	49.2	9.941	846	46	416	9	0	0	846
18-20	46.6	9.997	846	70	336	3	0	0	846
21-23	44.1	10.163	846	110	267	3	0	0	846
ALL HOURS	44.9	10.822	6768	893	2360	31	0	0	6768

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	49.5	10.054	930	36	421	35	0	0	930
03-05	48.6	10.418	930	50	406	28	0	0	930
06-08	48.2	10.354	930	48	405	25	0	0	930
09-11	52.1	9.358	930	18	546	46	0	0	930
12-14	55.0	8.815	930	11	665	95	1	0	930
15-17	55.8	8.619	930	7	726	117	5	0	930
18-20	53.5	8.861	930	9	604	64	2	0	930
21-23	51.1	9.356	930	21	473	43	0	0	930
ALL HOURS	51.7	9.890	7440	200	4246	453	8	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	56.0	9.125	900	3	654	128	4	0	900
03-05	55.0	9.415	900	8	619	112	2	0	900
06-08	55.3	9.176	900	5	635	107	0	0	900
09-11	59.0	8.228	900	0	752	182	9	0	900
12-14	61.2	7.824	900	0	809	271	35	0	900
15-17	61.6	7.682	900	0	827	281	46	0	900
18-20	59.7	7.951	900	0	784	195	18	0	900
21-23	57.4	8.568	900	0	712	147	8	0	900
ALL HOURS	58.1	8.890	7200	16	5792	1423	122	0	7200

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	64.3	6.215	930	0	912	378	52	0	930
03-05	63.4	6.593	930	0	894	352	32	0	930
06-08	64.1	6.366	930	0	904	391	40	0	930
09-11	67.1	5.672	930	0	927	567	148	0	930
12-14	68.8	5.304	930	0	930	657	247	2	930
15-17	69.0	5.150	930	0	930	665	264	3	930
18-20	67.6	5.394	930	0	929	576	182	0	930
21-23	65.5	5.822	930	0	925	456	89	0	930
ALL HOURS	66.2	6.178	7440	0	7351	4042	1054	5	7440

MONTH: JUN

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	69.2	3.965	900	0	900	734	157	0	900
03-05	68.3	4.029	900	0	900	672	107	0	900
06-08	69.3	3.914	900	0	900	734	172	0	900
09-11	72.1	3.451	900	0	900	830	478	4	900
12-14	73.5	3.454	900	0	900	849	620	13	900
15-17	73.5	3.285	900	0	900	851	632	5	900
18-20	72.2	3.381	900	0	900	836	481	0	900
21-23	70.4	3.538	900	0	900	785	245	0	900
ALL HOURS	71.1	4.100	7200	0	7200	6291	2892	22	7200

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: JUL

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	70.9	2.789	930	0	930	861	268	0	930
03-05	70.3	2.931	930	0	930	843	193	0	930
06-08	71.3	2.904	930	0	930	871	346	0	930
09-11	73.6	2.392	930	0	930	916	671	3	930
12-14	73.9	2.292	930	0	930	917	718	6	930
15-17	73.7	2.427	930	0	930	918	673	4	930
18-20	72.6	2.605	930	0	930	903	503	1	930
21-23	71.3	2.689	930	0	930	879	306	0	930
ALL HOURS	72.2	2.922	7440	0	7440	7108	3678	14	7440

MONTH: AUG

00-02	71.0	2.802	930	0	930	858	283	0	930
03-05	70.5	2.769	930	0	930	853	236	0	930
06-08	71.2	2.900	930	0	930	869	341	0	930
09-11	73.8	2.573	930	0	930	914	681	3	930
12-14	74.2	2.375	930	0	930	922	727	9	930
15-17	73.8	2.410	930	0	930	918	670	9	930
18-20	72.4	2.565	930	0	930	908	476	0	930
21-23	71.2	2.766	930	0	930	881	306	0	930
ALL HOURS	72.3	2.938	7440	0	7440	7123	3720	21	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	66.3	7.018	900	0	872	554	131	0	900
03-05	65.7	7.385	900	0	868	540	103	0	900
06-08	66.1	7.486	900	0	867	561	129	0	900
09-11	69.5	6.547	900	0	892	671	386	1	900
12-14	70.3	5.916	900	0	899	719	425	8	900
15-17	70.0	5.744	900	0	900	707	399	4	900
18-20	68.2	6.124	897	0	892	618	209	1	897
21-23	66.9	6.761	897	0	883	556	162	0	897
ALL HOURS	67.9	6.864	7194	0	7073	4926	1944	14	7194

MONTH: OCT

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	58.9	8.737	930	0	776	205	40	0	930
03-05	58.1	9.200	930	0	730	199	35	0	930
06-08	58.2	9.327	930	0	741	203	35	0	930
09-11	62.0	8.254	930	0	861	323	90	0	930
12-14	64.1	7.623	930	0	892	419	129	0	930
15-17	64.3	7.303	930	0	899	421	137	0	930
18-20	61.8	7.702	930	0	865	293	67	0	930
21-23	59.9	8.224	930	0	823	230	42	0	930
ALL HOURS	60.9	8.625	7440	0	6587	2293	575	0	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: NOV

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	50.9	10.740	900	19	469	83	0	0	900
03-05	50.1	11.099	900	31	445	91	0	0	900
06-08	49.7	11.238	900	43	431	80	0	0	900
09-11	53.7	10.315	900	9	554	130	2	0	900
12-14	56.3	9.710	900	3	643	167	10	1	900
15-17	56.3	9.350	900	3	655	162	5	0	900
18-20	53.2	9.626	900	3	552	86	1	0	900
21-23	51.6	10.210	900	8	500	72	0	0	900
ALL HOURS	52.7	10.601	7200	119	4249	871	18	1	7200

MONTH: DEC

00-02	41.0	11.993	930	190	209	8	0	0	930
03-05	40.2	12.466	930	204	198	9	0	0	930
06-08	39.6	12.749	930	234	189	7	0	0	930
09-11	43.1	12.303	930	170	261	17	0	0	930
12-14	46.5	11.680	930	101	383	20	0	0	930
15-17	46.9	11.239	930	94	399	15	0	0	930
18-20	43.6	11.243	930	130	274	7	0	0	930
21-23	41.8	11.606	930	172	233	8	0	0	930
ALL HOURS	42.8	12.186	7440	1295	2146	91	0	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	56.8	14.125	10956	623	7463	3849	935	0	10956
03-05	56.0	14.372	10956	726	7288	3701	708	0	10956
06-08	56.1	14.873	10956	820	7261	3849	1063	0	10956
09-11	59.4	14.189	10956	461	8053	4605	2465	11	10956
12-14	61.5	13.083	10956	259	8692	5050	2912	39	10956
15-17	61.8	12.621	10956	222	8876	5071	2831	25	10956
18-20	59.6	13.296	10953	323	8231	4489	1939	2	10953
21-23	57.7	13.719	10953	475	7767	4060	1158	0	10953
ALL HOURS	58.6	13.971	87642	3909	63631	34674	14011	77	87642

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	34.3	12.412	930	264	351	873	7	930
03-05	34.0	12.523	930	287	332	876	0	930
06-08	33.5	12.674	930	307	314	874	2	930
09-11	35.0	13.005	930	256	385	870	8	930
12-14	35.3	13.190	930	228	393	864	7	930
15-17	35.4	12.986	930	226	397	868	7	930
18-20	35.3	12.443	930	213	411	880	1	930
21-23	35.0	12.403	930	224	377	865	0	930
ALL HOURS	34.7	12.740	7440	2005	2960	6970	32	7440

MONTH: FEB

00-02	38.1	12.740	846	185	466	758	6	846
03-05	37.4	12.910	846	196	428	759	7	846
06-08	36.9	13.007	846	208	418	758	3	846
09-11	38.3	13.249	846	186	471	745	9	846
12-14	38.6	13.186	846	177	474	748	4	846
15-17	38.2	13.079	846	194	465	754	2	846
18-20	38.6	12.672	846	172	486	758	3	846
21-23	38.5	12.384	846	160	481	769	3	846
ALL HOURS	38.1	12.935	6768	1478	3689	6049	37	6768

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 MONTH: MAR

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	44.3	12.918	930	89	648	693	44	930
03-05	44.0	12.984	930	93	631	697	36	930
06-08	43.8	12.806	930	94	635	706	35	930
09-11	45.1	12.585	930	65	645	684	40	930
12-14	45.1	12.553	930	75	671	685	38	930
15-17	44.6	12.935	930	92	652	686	42	930
18-20	44.6	12.649	930	93	673	699	39	930
21-23	44.9	12.303	930	74	683	703	43	930
ALL HOURS	44.5	12.737	7440	675	5238	5553	317	7440

MONTH: APR

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	51.4	12.234	900	18	772	494	154	900
03-05	51.1	12.265	900	27	768	493	136	900
06-08	51.2	12.166	900	24	763	507	137	900
09-11	51.9	12.281	900	24	781	483	158	900
12-14	51.7	12.343	900	30	778	498	146	900
15-17	51.0	12.355	900	36	772	517	126	900
18-20	51.0	12.442	900	41	771	511	123	900
21-23	51.7	11.931	900	25	788	501	150	900
ALL HOURS	51.4	12.263	7200	225	6193	4004	1130	7200

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	61.8	7.671	930	3	924	169	403	930
03-05	61.4	7.899	930	3	923	168	392	930
06-08	61.9	7.724	930	1	924	167	425	930
09-11	62.7	7.647	930	0	924	153	472	930
12-14	62.4	7.938	930	2	923	164	462	930
15-17	61.9	8.173	930	3	924	185	429	930
18-20	62.0	8.021	930	3	924	180	425	930
21-23	62.1	7.571	930	3	924	180	427	930
ALL HOURS	62.0	7.873	7440	18	7390	1366	3435	7440

MONTH: JUN

00-02	67.0	4.510	900	0	900	34	718	900
03-05	66.7	4.456	900	0	900	39	703	900
06-08	67.4	4.437	900	0	900	32	750	900
09-11	68.1	4.565	900	0	900	30	789	900
12-14	67.6	4.722	900	0	900	27	754	900
15-17	66.9	4.696	900	0	900	30	706	900
18-20	66.9	4.592	900	0	900	25	703	900
21-23	67.1	4.347	900	0	900	25	723	900
ALL HOURS	67.2	4.623	7200	0	7200	242	5846	7200

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	67.9	4.006	930	0	930	10	783	930
03-05	68.2	3.933	930	0	930	9	806	930
06-08	69.2	3.704	930	0	930	4	832	930
09-11	68.5	3.855	930	0	930	7	795	930
12-14	66.1	4.716	930	0	930	35	658	930
15-17	64.9	5.219	930	0	929	55	527	930
18-20	65.3	5.257	930	0	930	42	576	930
21-23	66.8	4.514	930	0	930	22	705	930
ALL HOURS	67.1	4.716	7440	0	7439	184	5682	7440

MONTH: AUG

00-02	67.5	4.017	930	0	930	4	756	930
03-05	68.1	3.646	930	0	930	2	789	930
06-08	69.0	3.618	930	0	930	3	829	930
09-11	68.5	3.695	930	0	930	2	806	930
12-14	66.2	4.034	930	0	930	8	631	930
15-17	64.7	4.552	930	0	930	34	503	930
18-20	65.0	4.573	930	0	930	23	510	930
21-23	66.2	4.292	930	0	930	6	624	930
ALL HOURS	66.9	4.412	7440	0	7440	82	5448	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	63.2	8.691	900	0	897	179	538	900
03-05	63.3	8.742	900	0	899	178	540	900
06-08	63.8	8.770	900	0	897	160	555	900
09-11	64.5	8.584	900	0	896	135	587	900
12-14	62.8	8.492	900	0	893	173	521	900
15-17	61.4	8.659	900	0	892	214	438	900
18-20	61.6	8.708	897	0	889	208	454	897
21-23	62.5	8.659	897	0	895	186	500	897
ALL HOURS	62.9	8.750	7194	0	7158	1433	4133	7194

MONTH: OCT

00-02	55.5	10.595	930	0	897	441	239	930
03-05	55.4	10.799	930	0	889	440	236	930
06-08	55.6	10.890	930	0	891	435	244	930
09-11	56.8	10.903	930	5	891	390	261	930
12-14	56.4	10.763	930	7	886	391	264	930
15-17	55.8	10.732	930	11	888	403	216	930
18-20	55.9	10.114	930	3	898	423	221	930
21-23	55.6	10.192	930	0	903	439	224	930
ALL HOURS	55.9	10.652	7440	26	7143	3362	1905	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6 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	47.3	12.876	900	52	670	622	103	900
03-05	46.8	13.085	900	59	667	629	110	900
06-08	46.6	13.113	900	55	660	628	107	900
09-11	48.1	13.074	900	48	715	588	129	900
12-14	48.0	13.108	900	63	716	589	95	900
15-17	47.1	12.932	900	66	684	613	80	900
18-20	47.4	12.316	900	32	678	620	76	900
21-23	47.2	12.538	900	41	671	621	86	900
ALL HOURS	47.3	12.910	7200	416	5461	4910	786	7200

MONTH: DEC

00-02	36.5	14.508	930	219	445	823	9	930
03-05	36.1	15.000	930	223	424	811	10	930
06-08	35.6	15.213	930	263	417	805	15	930
09-11	36.9	15.088	930	235	467	802	20	930
12-14	37.4	14.731	930	231	484	815	17	930
15-17	37.0	14.481	930	238	471	828	12	930
18-20	37.0	14.030	930	216	476	833	14	930
21-23	36.7	14.046	930	221	465	838	13	930
ALL HOURS	36.6	14.664	7440	1846	3649	6555	110	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	53.0	16.022	10956	830	8830	5100	3760	10956
03-05	52.8	16.302	10956	888	8721	5101	3765	10956
06-08	53.0	16.709	10956	952	8679	5079	3934	10956
09-11	53.8	16.285	10956	819	8935	4889	4074	10956
12-14	53.2	15.727	10956	813	8978	4997	3597	10956
15-17	52.5	15.502	10956	866	8904	5187	3088	10956
18-20	52.6	15.334	10953	773	8966	5202	3145	10953
21-23	52.9	15.542	10953	748	8947	5155	3498	10953
ALL HOURS	53.0	15.938	87642	6689	70960	40710	28861	87642

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/PORT BOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	99.7	99.2	96.1	87.7	76.1	60.1	38.0	17.4	72.0	930
03-05	100.0	99.9	99.0	96.8	91.0	79.8	63.8	43.2	20.8	74.1	930
06-08	100.0	100.0	99.7	97.8	91.4	80.0	65.5	45.3	21.4	74.9	930
09-11	100.0	99.9	97.0	88.1	75.1	60.9	48.0	30.6	15.6	66.1	930
12-14	100.0	97.3	83.9	65.6	51.4	39.2	27.2	16.6	8.9	53.6	930
15-17	100.0	96.9	77.8	61.0	43.8	32.4	21.5	13.9	7.0	49.8	930
18-20	100.0	99.1	94.9	83.4	70.1	52.6	38.3	21.0	9.0	61.2	930
21-23	100.0	99.7	98.8	94.0	82.6	69.5	49.4	30.6	13.5	68.6	930
ALL HOURS	100.0	99.1	93.8	85.3	74.1	61.3	46.7	29.9	14.2	65.1	7440

MONTH: FEB

00-02	100.0	100.0	99.4	96.0	88.8	74.8	61.8	45.5	22.2	73.7	846
03-05	100.0	100.0	99.9	96.2	89.8	77.0	65.8	50.1	25.5	75.2	846
06-08	100.0	99.9	99.5	96.1	91.6	81.1	67.1	49.3	28.1	76.3	846
09-11	100.0	99.2	93.4	85.5	74.5	61.5	49.8	35.5	19.0	66.4	846
12-14	99.9	94.9	81.6	68.0	55.0	42.6	31.2	19.9	10.2	55.0	846
15-17	99.8	91.5	75.9	61.7	48.3	34.8	24.6	14.9	8.5	50.6	846
18-20	100.0	98.1	90.3	79.3	65.0	52.1	38.3	22.8	10.9	60.3	846
21-23	100.0	100.0	98.8	91.1	79.6	67.1	56.3	37.6	16.9	69.5	846
ALL HOURS	100.0	97.9	92.3	84.2	74.1	61.4	49.4	34.4	17.7	65.9	6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	99.5	98.4	94.0	83.7	71.1	58.6	38.0	16.3	70.6	930
03-05	100.0	99.5	98.7	96.7	89.1	76.8	63.8	45.7	21.4	73.7	930
06-08	100.0	99.7	98.6	97.2	91.1	78.2	66.7	47.4	22.2	74.5	930
09-11	100.0	99.0	94.6	82.9	69.8	57.0	41.9	24.2	10.8	62.6	930
12-14	99.4	96.0	82.9	66.3	50.4	34.2	21.5	11.7	5.8	51.3	930
15-17	99.5	92.8	75.8	57.3	42.4	28.5	17.0	9.2	4.9	47.2	930
18-20	99.8	97.4	88.0	72.7	58.2	43.0	27.4	14.9	6.3	55.1	930
21-23	100.0	98.8	97.0	90.0	77.6	63.8	46.9	25.6	9.9	65.6	930
ALL HOURS	99.8	97.8	91.7	82.1	70.3	56.6	43.0	27.1	12.2	62.6	7440

MONTH: APR

00-02	100.0	100.0	99.6	94.9	85.0	73.9	59.7	43.8	25.2	72.4	900
03-05	100.0	100.0	99.7	97.4	89.1	81.4	65.8	51.2	33.1	76.2	900
06-08	100.0	100.0	99.0	95.4	88.4	78.7	64.2	50.8	32.4	75.6	900
09-11	100.0	99.0	92.6	79.7	65.2	52.1	38.2	23.7	13.0	60.9	900
12-14	100.0	95.6	81.8	61.7	47.0	33.8	23.3	12.0	5.9	50.4	900
15-17	100.0	93.2	74.3	53.0	40.0	25.9	16.9	9.1	3.0	46.2	900
18-20	100.0	97.1	87.1	71.1	55.9	38.3	25.2	15.9	5.9	54.1	900
21-23	100.0	99.9	98.0	90.6	79.0	61.8	45.7	29.8	15.3	66.4	900
ALL HOURS	100.0	98.1	91.5	80.5	68.7	55.7	42.4	29.5	16.7	62.8	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/PORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	99.9	99.4	97.5	93.7	81.3	59.1	28.4	80.6	930
03-05	100.0	100.0	100.0	99.7	98.6	96.6	87.1	71.7	44.3	84.2	930
06-08	100.0	100.0	99.9	99.7	98.7	95.1	84.3	64.4	38.0	82.7	930
09-11	100.0	99.8	99.5	97.3	88.0	70.5	47.2	23.8	10.2	68.1	930
12-14	100.0	99.4	96.5	86.5	66.8	38.4	20.3	9.5	4.9	56.7	930
15-17	100.0	98.6	94.0	79.5	55.1	32.0	17.7	8.5	4.3	53.6	930
18-20	100.0	99.6	97.7	89.7	74.6	54.2	32.2	14.5	6.0	61.5	930
21-23	100.0	100.0	99.6	98.5	93.4	84.3	65.8	38.6	16.1	74.1	930
ALL HOURS	100.0	99.7	98.4	93.8	84.1	70.6	54.5	36.3	19.0	70.2	7440

MONTH: JUN

00-02	100.0	100.0	100.0	100.0	99.9	97.7	87.3	54.9	16.9	80.6	900
03-05	100.0	100.0	100.0	100.0	99.9	99.6	96.7	76.8	32.1	85.2	900
06-08	100.0	100.0	100.0	100.0	99.8	98.8	93.2	66.7	27.2	83.1	900
09-11	100.0	100.0	99.8	98.9	93.6	69.3	37.6	12.6	5.4	66.5	900
12-14	100.0	100.0	98.9	94.1	69.6	29.8	11.8	4.1	2.2	55.5	900
15-17	100.0	100.0	96.7	87.7	50.9	20.6	8.3	5.1	2.8	51.9	900
18-20	100.0	100.0	99.2	94.8	74.6	45.0	20.7	8.2	3.8	59.2	900
21-23	100.0	100.0	100.0	100.0	98.1	85.3	59.6	25.6	9.1	72.6	900
ALL HOURS	100.0	100.0	99.6	96.9	85.8	68.3	51.9	31.7	12.4	69.3	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	100.0	97.6	88.5	65.5	36.6	12.7	74.9	930
03-05	100.0	100.0	100.0	100.0	99.9	97.0	84.6	62.0	30.8	82.0	930
06-08	100.0	100.0	100.0	100.0	99.8	95.9	83.2	56.7	27.0	81.0	930
09-11	100.0	100.0	99.6	95.5	78.7	46.6	19.8	5.7	2.4	59.3	930
12-14	100.0	99.7	94.2	70.4	31.9	10.0	4.2	2.9	2.3	46.1	930
15-17	100.0	99.0	89.7	52.7	21.6	9.5	7.0	3.1	1.6	42.9	930
18-20	100.0	99.7	94.5	73.0	46.0	23.2	12.8	5.1	1.8	50.3	930
21-23	100.0	100.0	100.0	97.3	86.3	64.2	34.0	14.5	5.9	64.7	930
ALL HOURS	100.0	99.8	97.2	86.1	70.2	54.4	38.9	23.3	10.6	62.7	7440

MONTH: AUG

00-02	100.0	100.0	100.0	99.9	96.8	84.5	49.0	22.0	8.9	71.0	930
03-05	100.0	100.0	100.0	100.0	99.9	96.3	82.6	45.8	14.9	78.9	930
06-08	100.0	100.0	100.0	100.0	99.6	96.0	85.2	51.4	17.7	80.0	930
09-11	100.0	100.0	99.9	94.9	77.6	43.7	17.1	4.8	1.7	58.6	930
12-14	100.0	100.0	95.4	63.9	25.2	8.3	3.8	1.5	.6	44.6	930
15-17	100.0	99.9	88.0	43.9	17.8	9.1	5.6	2.8	.8	41.2	930
18-20	100.0	100.0	95.9	68.8	39.8	21.5	12.2	5.5	2.5	49.0	930
21-23	100.0	100.0	99.9	97.8	81.1	50.6	25.3	11.6	4.5	61.8	930
ALL HOURS	100.0	100.0	97.4	83.7	67.2	51.3	35.1	18.2	6.5	60.6	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	99.7	96.2	86.4	69.0	41.7	19.0	75.8	900
03-05	100.0	100.0	100.0	100.0	98.9	94.0	82.2	59.0	28.6	80.8	900
06-08	100.0	100.0	100.0	100.0	99.1	94.4	83.3	62.6	30.1	81.6	900
09-11	100.0	100.0	99.7	94.4	81.6	60.8	35.6	15.0	5.8	63.9	900
12-14	100.0	100.0	93.9	76.7	47.2	21.7	10.8	6.1	2.6	50.4	900
15-17	100.0	99.8	88.4	60.9	33.8	19.9	12.2	6.8	2.1	46.9	900
18-20	100.0	99.9	96.0	82.6	62.3	40.2	23.4	12.9	5.7	56.6	897
21-23	100.0	100.0	99.9	97.5	88.6	71.0	47.9	25.9	10.3	68.7	897
ALL HOURS	100.0	100.0	97.2	89.0	76.0	61.1	45.6	28.7	13.0	65.6	7194

MONTH: OCT

00-02	100.0	100.0	99.9	98.9	95.3	88.3	71.7	46.5	21.0	76.9	930
03-05	100.0	100.0	100.0	99.6	97.5	92.8	81.1	60.2	33.7	81.1	930
06-08	100.0	100.0	100.0	99.7	97.3	93.2	80.2	63.1	38.7	82.0	930
09-11	100.0	100.0	98.8	93.0	80.0	62.5	44.0	27.0	14.4	66.7	930
12-14	100.0	99.7	94.1	75.7	53.1	34.2	19.6	13.2	7.0	54.1	930
15-17	100.0	99.0	90.4	68.7	44.9	28.0	16.8	10.9	6.1	50.8	930
18-20	100.0	100.0	98.2	91.6	76.0	52.8	33.3	19.6	9.2	62.5	930
21-23	100.0	100.0	99.7	97.7	91.5	78.5	54.7	33.0	14.9	71.4	930
ALL HOURS	100.0	99.8	97.6	90.6	79.5	66.3	50.2	34.2	18.1	68.2	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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	100.0	99.7	98.9	95.2	84.8	71.3	52.9	27.3	77.3	900
03-05	100.0	100.0	99.7	98.6	96.4	88.8	76.4	57.7	32.3	79.3	900
06-08	100.0	100.0	100.0	99.1	97.6	90.3	77.6	58.6	32.4	80.2	900
09-11	100.0	100.0	98.8	92.2	80.7	66.1	50.4	30.6	12.7	67.7	900
12-14	100.0	99.4	91.0	74.6	59.8	42.1	23.2	12.6	4.2	55.1	900
15-17	100.0	99.4	86.1	68.7	52.9	36.4	20.0	11.1	5.1	52.4	900
18-20	100.0	100.0	98.0	93.1	79.0	63.3	46.4	25.0	10.0	66.0	900
21-23	100.0	100.0	99.4	96.8	91.9	77.1	62.6	44.6	17.8	73.2	900
ALL HOURS	100.0	99.9	96.6	90.2	81.7	68.6	53.5	36.6	17.7	68.9	7200

MONTH: DEC

00-02	100.0	99.9	98.6	97.2	90.5	79.9	65.3	46.3	22.7	75.2	930
03-05	100.0	100.0	98.8	97.2	92.7	83.4	70.3	51.5	27.7	77.1	930
06-08	100.0	100.0	99.7	98.1	91.5	84.2	69.9	54.2	29.2	77.7	930
09-11	100.0	100.0	97.1	89.8	78.0	65.2	49.2	34.8	19.1	68.0	930
12-14	100.0	99.0	87.3	72.9	55.7	40.1	28.8	18.1	10.3	56.1	930
15-17	100.0	97.7	83.9	67.3	50.9	35.8	26.3	16.8	9.6	53.5	930
18-20	100.0	99.8	96.6	88.6	76.6	61.6	45.5	29.6	13.9	65.9	930
21-23	100.0	99.8	98.7	95.7	87.3	73.5	59.1	39.5	19.8	72.2	930
ALL HOURS	100.0	99.5	95.1	88.3	77.9	65.5	51.8	36.3	19.0	68.2	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/PORT BOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	99.9	99.6	97.9	92.9	83.3	66.7	43.7	19.8	75.1	10956
03-05	100.0	99.9	99.6	98.5	95.3	88.7	76.7	56.2	28.8	79.0	10956
06-08	100.0	100.0	99.7	98.6	95.5	88.9	76.7	55.9	28.7	79.1	10956
09-11	100.0	99.7	97.6	91.1	78.6	59.6	39.8	22.3	10.8	64.5	10956
12-14	99.9	98.4	90.2	73.0	51.0	31.1	18.7	10.6	5.4	52.4	10956
15-17	99.9	97.4	85.3	63.5	41.8	26.0	16.1	9.3	4.6	48.9	10956
18-20	100.0	99.2	94.7	82.4	64.8	45.6	29.6	16.2	7.1	58.5	10953
21-23	100.0	99.8	99.2	95.6	86.4	70.6	50.5	29.7	12.8	69.1	10953
ALL HOURS	100.0	99.3	95.7	87.6	75.8	61.7	46.9	30.5	14.7	65.8	87642

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	FFFFFFFF
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTT	FFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFF
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	FFFFF
PP	AAAAAAAAAA	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

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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: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX PERIOD OF RECORD: OCT 81 - SEP 91
LST TO UTC: + 6

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	1021.4	1019.2	1015.5	1013.9	1013.1	1013.8	1015.8	1015.2	1016.0	1017.9	1018.0	1020.9	1016.7
	SD	6.559	7.256	7.309	6.142	4.393	2.930	2.295	2.396	3.604	4.693	6.594	7.698	6.092
	TOT OBS	310	282	310	300	310	300	310	310	300	310	299	310	3651
0300	MEAN	1020.8	1018.7	1015.0	1013.2	1012.5	1013.4	1015.6	1015.0	1015.7	1017.6	1017.5	1020.5	1016.3
	SD	6.706	7.348	7.276	6.117	4.442	3.029	2.328	2.369	3.642	4.725	6.679	7.755	6.139
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0600	MEAN	1021.0	1019.0	1015.4	1013.9	1013.2	1014.2	1016.3	1015.6	1016.3	1018.1	1017.8	1020.6	1016.8
	SD	6.798	7.430	7.320	6.175	4.496	3.025	2.360	2.414	3.702	4.924	6.764	7.909	6.129
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0900	MEAN	1022.4	1020.6	1017.0	1015.3	1014.3	1015.2	1017.3	1016.7	1017.6	1019.5	1019.3	1022.0	1018.1
	SD	6.896	7.500	7.406	6.247	4.621	3.021	2.335	2.402	3.760	5.023	6.883	7.967	6.239
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1200	MEAN	1022.2	1020.4	1016.6	1014.7	1013.8	1014.7	1016.8	1016.1	1016.9	1018.7	1018.6	1021.6	1017.6
	SD	6.901	7.562	7.482	6.200	4.490	3.013	2.308	2.478	3.736	4.924	6.831	7.948	6.256
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1500	MEAN	1019.5	1017.7	1014.1	1012.7	1012.0	1012.9	1014.9	1014.0	1014.7	1016.4	1016.3	1019.2	1015.4
	SD	6.929	7.485	7.376	6.155	4.451	3.026	2.309	2.548	3.684	4.875	6.719	7.735	6.101
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1800	MEAN	1019.9	1017.7	1013.7	1011.9	1011.0	1011.8	1013.8	1013.1	1014.3	1016.4	1016.7	1019.7	1015.0
	SD	6.760	7.364	7.284	6.084	4.417	3.108	2.411	2.578	3.731	4.863	6.652	7.651	6.266
	TOT OBS	310	282	310	300	310	300	310	310	299	310	300	310	3651
2100	MEAN	1021.0	1019.0	1015.2	1013.4	1012.4	1013.0	1014.9	1014.4	1015.8	1017.7	1017.9	1020.9	1016.3
	SD	6.634	7.241	7.310	6.022	4.367	3.019	2.337	2.555	3.710	4.803	6.687	7.630	6.207
	TOT OBS	310	282	310	300	310	300	310	310	299	310	300	310	3651
ALL HOURS	MEAN	1021.0	1019.0	1015.3	1013.6	1012.8	1013.6	1015.7	1015.0	1015.9	1017.8	1017.7	1020.7	1016.5
	SD	6.840	7.467	7.419	6.224	4.566	3.185	2.562	2.697	3.835	4.956	6.787	7.834	6.254
	TOT OBS	2480	2256	2480	2400	2480	2400	2480	2480	2398	2480	2399	2480	29213

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX

PERIOD OF RECORD: OCT 81 - SEP 91

LST TO UTC: + 6

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	30.17	30.11	30.01	29.97	29.96	29.98	30.04	30.03	30.05	30.09	30.08	30.16	30.05
	SD	.185	.205	.209	.176	.126	.085	.068	.069	.102	.133	.187	.216	.170
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0300	MEAN	30.15	30.10	30.00	29.95	29.94	29.97	30.04	30.02	30.04	30.08	30.07	30.14	30.04
	SD	.190	.208	.208	.175	.128	.088	.069	.068	.103	.134	.190	.218	.172
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0600	MEAN	30.16	30.10	30.01	29.97	29.96	29.99	30.06	30.04	30.05	30.10	30.08	30.14	30.05
	SD	.192	.210	.210	.177	.129	.088	.069	.069	.105	.140	.193	.222	.171
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0900	MEAN	30.20	30.15	30.05	30.01	29.99	30.02	30.09	30.07	30.09	30.14	30.12	30.19	30.09
	SD	.195	.212	.213	.180	.133	.089	.069	.069	.106	.143	.196	.222	.174
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1200	MEAN	30.19	30.14	30.04	30.00	29.98	30.01	30.07	30.05	30.07	30.12	30.10	30.18	30.08
	SD	.195	.214	.215	.178	.130	.089	.068	.071	.106	.140	.195	.224	.175
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1500	MEAN	30.12	30.07	29.97	29.94	29.92	29.96	30.02	29.99	30.01	30.05	30.03	30.11	30.01
	SD	.196	.212	.212	.177	.128	.088	.068	.073	.104	.139	.191	.217	.171
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1800	MEAN	30.12	30.06	29.96	29.91	29.89	29.92	29.98	29.96	29.99	30.05	30.04	30.12	30.00
	SD	.191	.208	.209	.175	.126	.090	.070	.074	.105	.137	.189	.215	.174
	TOT OBS	310	282	310	300	310	300	310	310	299	310	300	310	3651
2100	MEAN	30.16	30.10	30.00	29.96	29.93	29.96	30.02	30.00	30.04	30.08	30.08	30.15	30.04
	SD	.188	.205	.209	.173	.125	.088	.069	.074	.105	.136	.190	.214	.173
	TOT OBS	310	282	310	300	310	300	310	310	299	310	300	310	3651
ALL HOURS	MEAN	30.16	30.10	30.00	29.96	29.95	29.98	30.04	30.02	30.04	30.09	30.08	30.15	30.05
	SD	.193	.211	.213	.179	.131	.093	.075	.078	.109	.141	.193	.220	.175
	TOT OBS	2480	2256	2480	2400	2480	2400	2480	2480	2398	2480	2400	2480	29214

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	29.08	29.02	28.92	28.89	28.87	28.89	28.95	28.94	28.96	29.00	28.99	29.06	28.96
	SD	.180	.199	.203	.171	.122	.082	.068	.068	.100	.129	.182	.210	.165
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0300	MEAN	29.06	29.01	28.91	28.87	28.85	28.88	28.95	28.93	28.95	28.99	28.98	29.05	28.95
	SD	.185	.201	.202	.171	.123	.085	.068	.067	.101	.131	.185	.212	.167
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0600	MEAN	29.06	29.01	28.92	28.88	28.87	28.90	28.97	28.95	28.96	29.01	28.99	29.05	28.97
	SD	.187	.204	.204	.172	.125	.086	.068	.069	.102	.136	.187	.216	.167
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0900	MEAN	29.10	29.06	28.96	28.92	28.90	28.93	29.00	28.98	29.00	29.05	29.03	29.09	29.00
	SD	.190	.206	.207	.174	.129	.087	.068	.068	.104	.139	.191	.216	.169
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1200	MEAN	29.10	29.05	28.95	28.91	28.89	28.92	28.98	28.96	28.98	29.02	29.01	29.08	28.99
	SD	.189	.208	.208	.173	.126	.086	.068	.070	.103	.136	.189	.217	.170
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1500	MEAN	29.03	28.98	28.88	28.85	28.84	28.87	28.93	28.90	28.92	28.96	28.95	29.02	28.93
	SD	.190	.205	.206	.172	.123	.085	.067	.071	.102	.135	.185	.210	.166
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1800	MEAN	29.03	28.97	28.87	28.83	28.81	28.84	28.90	28.88	28.90	28.96	28.95	29.03	28.91
	SD	.185	.201	.203	.170	.122	.087	.068	.071	.102	.134	.184	.209	.169
	TOT OBS	310	282	310	300	310	300	310	310	299	310	300	310	3651
2100	MEAN	29.06	29.01	28.91	28.87	28.85	28.87	28.93	28.91	28.95	28.99	28.99	29.06	28.95
	SD	.182	.199	.204	.168	.121	.085	.067	.072	.103	.132	.184	.208	.168
	TOT OBS	310	282	310	300	310	300	310	310	299	310	300	310	3651
ALL HOURS	MEAN	29.07	29.01	28.92	28.88	28.86	28.89	28.95	28.93	28.95	29.00	28.99	29.06	28.96
	SD	.188	.205	.207	.173	.127	.090	.074	.076	.106	.137	.188	.214	.170
	TOT OBS	2480	2256	2480	2400	2480	2400	2480	2480	2398	2480	2400	2480	29214

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTT	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	AAAAAAAA	RRRRRRRR	TT	GG GG
PP	AAAAAAAA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

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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: 149-329

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.5			930	4.4	.2		930	5.4	.3		930	7.6	1.5		930
CATEGORY B	4.2	.4		1019	5.5	.8		1048	6.3	1.3		1072	10.7	4.2	.1	1065

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	10.6	1.5		930	7.6	.5		930	1.5	.2		930	1.9			930
CATEGORY B	13.8	5.3	.1	1034	10.0	2.4	.2	1006	2.7	.6	.1	992	3.2	.6		1017

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	6.6	.8		4650	5.2	.5		7440
CATEGORY B	8.7	2.8	.1	5169	7.1	2.0	.1	8253

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.7	.2		846	6.3	.8		846	4.8	.9		846	9.5	1.1		846
CATEGORY B	5.4	1.1	.1	929	7.7	2.3	.2	954	5.5	1.9		1004	10.6	2.8	.3	988

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	9.5	1.2		846	6.9	.9		846	1.7	.5		846	1.5	.2		846
CATEGORY B	13.5	3.4	.4	933	9.4	2.7	.5	925	3.0	.7	.3	921	3.5	.8	.5	932

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	6.5	.9		4230	5.3	.7		6768
CATEGORY B	8.4	2.3	.3	4771	7.3	2.0	.3	7586

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.1			930	3.4	.1		930	4.5	.4		930	12.8	1.6		930
CATEGORY B	6.1	.9	.2	1043	6.5	1.7	.2	1053	7.4	.9	.1	1090	16.4	6.5	.6	1072

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	12.3	2.7	.2	930	8.9	1.9	.1	930	2.5	.3		930	1.5			930
CATEGORY B	18.3	6.7	1.5	1018	14.5	5.5	1.0	987	4.0	1.3	.1	977	3.4	.7		1021

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	8.2	1.4	.1	4650	6.1	.9	.0	7440
CATEGORY B	12.2	4.2	.6	5144	9.6	3.0	.4	8261

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.1	.3		900	5.1	.1		900	5.2	.2		900	11.1	1.7	.1	900
CATEGORY B	5.0	.9		991	6.0	.9		1020	6.7	1.5	.1	1084	14.3	4.2	.6	1048

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	9.8	1.7		900	7.6	.4		900	2.1			900	.4	.1		900
CATEGORY B	17.0	6.3	.8	978	12.7	4.5	.2	960	4.3	.6		947	1.4	.2		985

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	7.2	.8	.0	4500	5.6	.6	.0	7200
CATEGORY B	11.0	3.4	.3	5017	8.4	2.4	.2	8013

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.7	.2		930	2.3	.2		930	2.6	.3		930	6.8	.5		930
CATEGORY B	3.8	.7	.2	1047	3.5	1.1	.1	1108	4.3	1.1		1118	10.9	2.6	.1	1082

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	6.9	.5		930	5.1	.5		930	3.0	.1		930	1.2	.1		930
CATEGORY B	12.0	3.2		1020	10.2	2.1	.6	1010	5.0	1.2		991	3.7	1.0	.1	1007

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.9	.4		4650	3.7	.3		7440
CATEGORY B	8.4	2.0	.1	5221	6.6	1.6	.1	8383

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.9			900	1.2	.2		900	1.7			900	4.6	.1		900
CATEGORY B	1.6	.9		967	2.0	.6	.1	1007	3.1	.1		1028	8.0	.9		995

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.7			900	4.0	.3		900	2.9	.3		900	1.2	.2		900
CATEGORY B	8.7	1.2	.1	966	7.5	1.4	.1	962	4.8	1.1	.2	952	1.8	.7	.1	949

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.4	.2		4500	2.5	.2		7200
CATEGORY B	6.4	.9	.1	4903	4.7	.9	.1	7826

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.4			930	.3			930	2.0			930	6.5			930
CATEGORY B	1.9	.2		962	1.0	.2	.1	1017	3.5	.6		1015	11.4	2.2		958

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.8	.1		930	2.8	.2		930	1.2			930	.3			930
CATEGORY B	8.3	1.4	.1	968	7.0	1.5	.1	992	2.5	.6		965	.6	.3		948

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.1	.1		4650	2.0	.0		7440
CATEGORY B	6.5	1.3	.0	4898	4.5	.9	.0	7825

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.2			930	1.0			930	1.6			930	6.1	.1		930
CATEGORY B	.6	.1		949	1.5			972	2.3	.3		999	9.4	1.6		973

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.6			930	3.3	.2		930	2.2	.2		930	.1			930
CATEGORY B	6.3	1.0	.3	975	6.1	1.3	.2	993	3.1	1.3	.3	978	.2			954

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.2	.1		4650	2.1	.1		7440
CATEGORY B	5.4	1.1	.2	4918	3.7	.7	.1	7793

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.3			900	.9			900	.9			900	5.0	.2		900
CATEGORY B	.9	.2		965	1.5	.1		998	1.3	.1		1066	7.6	1.6		986

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.7	.3		900	3.2	.6		900	.9	.1		897	.3	.2		897
CATEGORY B	9.2	2.3		961	7.4	1.6		993	2.6	.6		956	.5	.2		926

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.1	.2		4497	2.2	.2		7194
CATEGORY B	5.5	1.2		4962	3.9	.8		7851

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722576 STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.4			930	1.2			930	1.3			930	7.2	.8		930
CATEGORY B	2.7	.4		986	2.5	.5		1013	3.0	.2		1041	9.9	3.3	.1	994

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.6	.3		930	3.8	.1		930	.3			930	.2			930
CATEGORY B	10.4	2.8	.1	967	6.4	.9		967	1.7	.4		959	1.0			968

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.6	.2		4650	2.5	.1		7440
CATEGORY B	6.3	1.5	.0	4928	4.7	1.1	.0	7895

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.9			900	2.9			900	2.4	.1		900	7.0	.4		900
CATEGORY B	3.6	.7		992	4.6	.5	.1	1006	4.4	.8		1027	12.2	3.7		992

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	9.7	1.2		900	5.1	.1		900	.4			900	.9	.1		900
CATEGORY B	18.0	6.7	.2	949	8.6	2.0		945	1.8	.5		928	2.6	.3	.1	959

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.9	.4		4500	3.8	.3		7200
CATEGORY B	9.0	2.7	.0	4841	7.0	1.9	.1	7798

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.9	.2		930	4.5	.3		930	3.7	.2		930	7.1	.5		930
CATEGORY B	3.3	.4		1015	6.0	1.4		1019	4.6	1.1		1047	10.8	2.8	.2	1040

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	11.2	1.2		930	5.4	.3		930	.6	.1		930	1.2			930
CATEGORY B	15.1	5.3	.1	1004	8.3	1.8		979	2.0	.1	.1	981	1.4	.2		1005

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.6	.5		4650	4.4	.4		7440
CATEGORY B	8.2	2.2	.1	5051	6.4	1.6	.0	8090

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 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)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.6	.1		10956	2.8	.2		10956	3.0	.2		10956	7.6	.7	.0	10956
CATEGORY B	3.3	.6	.0	11865	4.0	.8	.1	12215	4.4	.8	.0	12591	11.1	3.1	.2	12193

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	7.5	.9	.0	10956	5.3	.5	.0	10956	1.6	.2		10953	.9	.1		10953
CATEGORY B	12.6	3.8	.3	11773	9.0	2.3	.2	11719	3.1	.8	.1	11547	2.0	.4	.1	11671

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.0	.5	.0	54777	3.8	.4	.0	87642
CATEGORY B	8.0	2.2	.2	59823	6.2	1.6	.1	95574

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAAA	RRRRRRRRR	TTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRRR	TT	HHHHHHHHH	HHHHHHHHH
PPPPPPPP	AAAAAAAAA	RRRRRRRRR	TT	HHHHHHHHH	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) FOR (IF AVAILABLE). THE 30-YEAR FOR 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 FOR 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: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: JAN 51 - SEP 91

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1951	484	352	179	69	6				1	28	313	373	1805
1952	252	219	248	77	4					73	299	462	1634
1953	264	324	84	64	35					37	****	528	1336
1954	428	167	265	14	17					49	160	280	1380
1955	456	359	210	28						31	283	427	1794
1956	494	345	181	53						4	263	296	1636
1957	511	209	235	102	19				1	115	331	283	1806
1958	490	485	384	68	5					84	172	537	2225
1959	****	399	210	133						57	432	374	1605
1973	720	520	186	221	31					22	109	415	2224
1974	530	281	136	42					19	16	282	474	1780
1975	395	383	255	80					8	41	225	396	1783
1976	480	146	180	30	5					186	434	564	2025
1977	763	332	183	35	2					20	192	368	1895
1978	790	614	278	33	13					23	226	518	2495
1979	791	483	175	45	31					35	323	449	2332
1980	532	435	301	103	5				2	72	280	354	2084
1981	520	391	243	23	2				11	67	193	453	1903
1982	501	496	210	123	8					78	273	458	2147
1983	542	408	267	133	9				9	17	200	777	2362
1984	668	351	175	43	2				26	53	293	310	1921
1985	708	496	140	41					9	24	185	578	2181
1986	408	323	127	32	5					47	250	460	1652

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1987	503	327	285	105			24	231	421	1896
1988	585	391	227	38		4	10	148	371	1774
1989	355	533	226	78		7	66	208	705	2178
1990	295	245	204	60	7		82	140	509	1542
1991	604	277	156	9	7	12				1065
.....										
MEAN	521	367	212	67	7	3	50	247	449	
SD	148.81	114.68	61.82	46.26	10.10	6.60	38.41	80.97	118.24	

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 722576

STATION NAME: ROBERT GRAY AAF/FORT HOOD TX
LST TO UTC: + 6

PERIOD OF RECORD: JAN 51 - SEP 91

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1951	8	18	70	134	296	479	681	731	439	216	46	31	3149
1952	48	16	36	52	243	512	598	725	422	131	54	1	2838
1953	9	4	93	103	318	615	617	594	469	197	****		3019
1954	2	28	67	238	253	563	743	684	539	277	3	10	3407
1955	10	11	97	242	393	424	615	590	478	200	71	20	3151
1956	11	27	78	140	430	571	680	677	521	288	17	19	3459
1957	10	43	15	98	271	472	689	676	351	114	24	4	2767
1958		3	3	81	329	515	636	652	409	143	47	4	2822
1959	****	9	26	103	348	481	559	548	417	134	13		2638
1973			2	43	213	342	495	478	351	150	68	4	2146
1974	3	16	151	133	375	441	603	498	192	131	33	4	2580
1975	10		37	133	256	458	548	551	315	159	65	21	2553
1976		41	85	84	170	421	474	569	358	63	4		2269
1977		12	22	71	295	499	631	632	545	197	18	22	2944
1978	7		15	160	359	596	663	591	412	173	40	4	3020
1979		8	20	82	178	420	542	499	334	240	24		2347
1980		7	21	54	259	562	666	634	478	168	40	15	2904
1981		4	8	151	287	498	615	542	366	206	12	2	2691
1982	9	3	103	94	314	452	618	601	421	184	45	6	2850
1983			12	97	203	377	547	566	386	189	79	1	2457
1984		5	53	118	329	437	560	580	317	156	26	13	2594
1985		5	53	135	284	426	568	663	408	187	55	3	2787
1986	3	56	26	155	233	451	638	550	452	118	28		2710

1987			10	135	275	402	546	663	375	152	38	11	2607
1988	4	9	50	138	267	428	604	703	472	177	92	5	2949
1989	10	12	71	201	403	457	615	561	374	239	77	1	3021
1990	9	7	33	111	334	587	524	627	432	181	64	6	2915
1991		9	80	156	316	459	598	582	306				2506
.....													
MEAN	5	12	47	122	293	476	602	605	404	176	41	7	
SD	9.51	14.24	37.06	49.38	65.41	68.24	61.84	68.24	77.69	49.63	24.57	8.48	

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A W S CLIMATIC BRIEF MAR 92	STATION NAME: ROBERT GRAY AAF/PORT HOOD TX												FIELD ELEV: 1015 FT														
	LATITUDE/LONGITUDE: 31 04 N 097 50 W												STATION MSC: 722576														
	HOURLY OBS POR: OCT 81 - SEP 91												CALL SIGN: KGRK														
	SUMMARY OF DAY POR: OCT 50-MAR 61, NOV 63-DEC 66, SEP 68-SEP 91												SUPERSEDES: OCT 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
EXTREM MAX TEMP (F)														86	93	101	98	100	107	109	107	105	101	93	89	109	40
MEAN MAX TEMP (F)														57	61	69	77	83	90	94	94	87	78	67	60	76	40
MEAN TEMP (F)														48	52	59	67	74	81	84	84	78	69	58	51	67	40
MEAN MIN TEMP (F)														38	42	48	57	64	71	74	73	68	59	48	41	57	40
EXTREM MIN TEMP (F)														7	7	16	32	42	55	61	61	42	31	21	-1	-1	40
D/W TEMP GE 100 (F)														0	0	#	0	#	1	3	4	1	#	0	0	9	40
D/W TEMP GE 90 (F)														0	#	1	1	5	18	26	25	14	2	#	0	92	40
D/W TEMP LT 33 (F)														9	5	2	#	0	0	0	0	0	#	2	6	24	40
D/W TEMP LT 20 (F)														1	1	#	0	0	0	0	0	0	0	0	1	3	40
HEATING DEGREE DAYS														521	367	212	67	7	0	0	0	3	50	247	449	1923	41
COOLING DEGREE DAYS														5	12	47	122	293	476	602	605	404	176	41	7	2790	41
MEAN DEWPOINT TEMP (F)														34	38	44	51	62	67	67	66	62	55	47	36	53	10
MEAN WET BULB TEMP (F)														41	44	51	58	66	71	72	72	67	60	52	42	58	10
99.95% WCPA (FT)														1350	1500	1550	1500	1400	1250	1150	1150	1250	1300	1450	1450	1400	10
MEAN REL HUM 07 LST(%)														74.9	76.3	74.5	75.6	82.7	83.1	81.0	80.0	81.6	82.0	80.2	77.7	79.1	10
MEAN REL HUM 13 LST(%)														53.6	55.0	51.3	50.4	56.7	55.5	46.1	44.6	50.4	54.1	55.1	56.1	52.4	10
MAX 24HR PRECIP (IN)														2.18	4.09	3.18	3.90	4.50	4.08	3.19	4.81	3.25	5.16	2.72	2.08	5.16	35
MAX PRECIP (IN)														4.59	6.31	4.85	13.23	11.30	11.34	8.33	13.84	6.87	8.50	5.62	5.43	46.19	35
MEAN PRECIP (IN)														1.46	2.26	1.98	2.95	4.42	3.48	1.83	2.39	2.70	3.64	2.08	1.71	31.26	35
MIN PRECIP (IN)														#	.34	.02	.33	1.17	.05	#	#	#	.00	#	#	12.48	35
D/W PRECIP GE .01 (IN)														6	7	7	7	9	6	4	5	7	6	6	6	76	35
D/W PRECIP GT .50 (IN)														1	1	1	2	3	2	1	1	2	2	1	1	18	35
MAX 24HR SNFL (IN)														2.8	2.0	1.0	#	0	0	0	0	0	0	2.2	#	2.8	35
MAX SNFL (IN)														3.9	3.4	1.0	#	0	0	0	0	0	0	3.1	#	5.3	35
MEAN SNFL (IN)														.5	.4	#	#	0	0	0	0	0	0	.2	#	1.3	35
D/W SNFL GE .1 (IN)														1	1	#	0	0	0	0	0	0	0	1	0	3	35
D/W SNFL GE 1.5 (IN)														1	#	0	0	0	0	0	0	0	0	#	0	1	35
MAX DLY SNO DEPTH (IN)														3	2	1	0	0	0	0	0	0	0	2	#	3	35
PRVING WND DIR (DEG)														35-01	35-01	17-19	17-19	17-19	17-19	17-19	17-19	17-19	17-19	17-19	35-01	17-19	10
MEAN WND SPD (KTS)														7	7	8	8	8	6	6	6	5	6	6	7	7	10
MAX WND SPD (KTS)														47	50	53	60	61	45	43	47	51	39	58	47	61	31
SKY COVER GT 5/10 (%)														54.5	55.9	54.6	51.7	58.3	47.0	32.9	33.2	41.5	44.5	49.9	53.4	48.1	10
D/W THUNDERSTORMS														1	2	4	5	8	6	4	5	4	3	2	1	45	35
D/W FOG (VSBY LT 7 MI)														11	10	9	10	10	5	3	4	7	9	9	9	96	35
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	27.8	29.4	29.9	26.7	24.8	11.7	4.1	1.4	10.8	23.8	28.3	31.7	20.9	10
	03 - 05	31.5	34.4	36.1	32.7	37.8	24.7	10.9	4.2	19.4	31.0	33.9	34.6	27.6	10
	06 - 08	33.1	38.5	37.3	36.0	39.2	23.2	11.4	5.3	23.1	33.8	36.6	35.1	29.4	10
	09 - 11	31.0	37.0	33.7	29.7	30.9	17.4	6.0	4.7	19.7	27.1	28.9	32.4	24.9	10
	12 - 14	25.3	29.0	23.5	20.0	15.1	6.9	1.8	2.0	5.9	18.2	20.1	26.2	16.2	10
	15 - 17	17.7	22.8	14.7	11.4	8.0	3.3	1.2	.6	3.9	10.0	13.7	22.8	10.8	10
	18 - 20	16.3	20.4	13.0	9.4	6.5	2.6	.6	1.3	4.8	10.1	12.7	21.5	9.9	10
	21 - 23	21.3	22.6	17.8	16.3	9.8	4.3	.8	1.0	4.8	13.9	18.9	27.3	13.2	10
	ALL	25.5	29.3	25.8	22.8	21.5	11.8	4.6	2.6	11.6	21.0	24.1	29.0	19.1	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	19.4	19.9	17.8	16.4	12.6	4.0	1.8	1.0	5.8	14.9	17.8	23.7	12.9	10
	03 - 05	22.3	23.6	22.2	19.4	19.6	10.6	6.6	2.2	10.4	21.1	21.8	25.8	17.1	10
	06 - 08	24.0	27.5	23.5	24.3	23.7	13.0	6.7	3.2	14.3	26.5	23.6	26.1	19.7	10
	09 - 11	22.0	24.9	18.4	16.0	13.5	6.6	1.8	2.5	9.9	16.6	15.8	24.1	14.3	10
	12 - 14	15.5	17.3	10.4	6.9	5.5	1.6	1.1	1.1	3.6	9.1	8.4	18.2	8.2	10
	15 - 17	10.9	13.7	7.6	4.6	2.8	.8	.2	.1	2.8	6.9	5.8	14.4	5.9	10
	18 - 20	10.8	12.8	7.2	3.4	3.1	1.1	.4	.4	2.7	6.9	7.1	14.8	5.9	10
	21 - 23	14.8	15.8	10.4	7.0	4.2	1.9	.5	.4	2.6	9.9	10.9	19.2	8.1	10
	ALL	17.4	19.4	14.7	12.3	10.6	4.9	2.4	1.4	6.5	14.0	13.9	20.8	11.5	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	14.2	13.2	10.0	9.4	5.6	2.2	1.2	.5	3.7	11.5	10.2	19.5	8.4	10
	03 - 05	17.2	18.4	13.7	12.9	11.0	6.4	3.2	.8	6.4	15.8	14.8	20.8	11.8	10
	06 - 08	18.1	21.5	15.7	17.4	14.5	6.9	4.4	1.7	10.2	20.2	17.1	23.3	14.2	10
	09 - 11	16.0	18.1	10.9	10.1	7.2	3.0	1.3	.6	4.6	12.3	11.4	20.0	9.6	10
	12 - 14	10.6	12.2	6.5	4.4	2.6	.9	.5	.6	2.0	6.7	5.2	13.5	5.5	10
	15 - 17	8.0	9.1	4.6	2.0	1.7	.4	.0	.0	1.1	4.0	4.7	10.8	3.9	10
	18 - 20	8.5	9.0	4.3	2.0	1.3	.4	.2	.1	1.7	4.6	5.6	11.1	4.1	10
	21 - 23	11.1	11.7	4.8	3.4	2.0	1.7	.3	.1	1.9	7.2	7.6	14.6	5.5	10
	ALL	13.0	14.2	8.8	7.7	5.7	2.7	1.4	.6	3.9	10.3	9.6	16.7	7.9	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	4.3	2.5	1.0	.9	.0	.0	.1	.0	.1	1.1	2.3	3.3	1.3	10
	03 - 05	6.6	3.5	.9	1.1	.8	.2	.0	.0	.1	1.8	4.0	4.2	1.9	10
	06 - 08	6.3	3.7	1.5	2.3	1.1	.4	.0	.0	.6	3.2	5.6	5.1	2.5	10
	09 - 11	2.8	2.1	.6	.4	.5	.0	.0	.0	.1	1.6	2.1	2.9	1.1	10
	12 - 14	.6	.2	.5	.0	.0	.0	.0	.0	.0	.1	.9	1.0	.3	10
	15 - 17	1.3	1.1	.3	.0	.0	.0	.0	.0	.0	.0	.7	1.9	.4	10
	18 - 20	1.9	1.4	.1	.1	.0	.0	.0	.0	.0	.1	1.0	2.9	.6	10
	21 - 23	2.2	3.1	.4	.7	.0	.0	.0	.0	.0	.5	1.7	3.0	1.0	10
	ALL	3.3	2.2	.7	.7	.3	.1	.0	.0	.1	1.1	2.3	3.0	1.1	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

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	0/1	0/2	0/3	0/1	0/0	0/0	0/0	0/7
120NM	0/0	0/0	0/0	0/0	0/0	0/4	1/3	2/8	1/3	0/0	0/0	0/0	4/18
240NM	0/0	0/0	0/0	0/0	0/0	7/10	6/11	11/18	7/13	0/2	0/0	0/0	31/54

REMARKS : @@THE MAX TEMP FOR MARCH WAS VERIFIED BY ORIGINAL RECORD. SUMMARY OF DAY DATA - PART TIME, SEP 60 THRU JUN 70.

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