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**USAFETAC/DS--92/272**

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**AD-A254 058**



**SURFACE OBSERVATION  
CLIMATIC SUMMARIES**

for

**FT LEONARD WOOD/FORNEY AAF  
MISSOURI**

Prepared by

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

**MARCH 1992**



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FOR THE COMMANDER



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REPORT DOCUMENTATION PAGE

2. REPORT DATE: MARCH 1992
3. REPORT TYPE AND DATES COVERED: DATA SUMMARY, MARCH 1963 TO SEPTEMBER 1991
4. TITLE AND SUBTITLE: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR FT LEONARD WOOD ,MISSOURI
7. PERFORMING ORGANIZATION NAME AND ADDRESS: OPERATING LOCATION A, USAFETAC, FEDERAL BUILDING, ASHEVILLE, NC 28801-2723
8. PERFORMING ORGANIZATION REPORT NUMBER: USAFETAC/DS-92/272
9. SPONSORING/MONITORING AGENCY NAME AND ADDRESS: USAF ENVIORNMENTAL TECHNICAL APPLICATIONS CENTER (USAFETAC), SCOTT AFB, IL 62225-5438
11. SUPPLEMENTARY NOTES: EFFECTIVE JULY 1 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE OBSERVATIONS (RUSSWO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs). EXISTING RUSSWOS AND LISOCs WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE BY A SOCS.
- 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 OL-A, USAFETAC CLIMATIC DATABASE.
14. SUBJECT TERMS: CLIMATOLOGY, METBOROLOGICAL DATA, ATMOSPHERIC PHENOMENA, WEATHER, SOCS, FT LEONARD WOOD ,MISSOURI, CEILING, CLOUD COVER, SNOW DEPTH, HUMIDITY, PRESSURE, PRECIPITATION, SNOW TEMPERATURE, VISIBILITY, WIND.
15. NUMBER OF PAGES: 375
17. SECURITY CLASSIFICATION OF REPORT: UNCLASSIFIED
18. SECURITY CLASSIFICATION OF THIS PAGE: UNCLASSIFIED
19. SECURITY CLASSIFICATION OF ABSTRACT: UNCLASSIFIED
20. LIMITATION OF ABSTRACT: UL

DTIC STANDARD FORM 298

III

#### 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 "SFCSUM," 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: AUG 81 - JUL 91 (AIRWAYS).

SUMMARY OF DAY DATA: MAR 63 - JUL 75 (FULL TIME).

SUMMARY OF DAY DATA: AUG 75 - SEP 91 (PART TIME).

HOURS SUMMARIZED: 0500 LST THROUGH 2200 LST.

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

### TERMS EXPLAINED:

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

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

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

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

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

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

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

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

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

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

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

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

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

**ABBREVIATIONS USED:**

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

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

\* UTC REPLACED GMT ON 1 AUGUST 1988

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

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FLD ELEV (FT)	CALL SIGN	WMO NMBR
724457	FT LEONARD WOOD/FORNEY AAF, MO	N 37 44	W 092 08	1159	TBN	

STATION LOCATION AND INSTRUMENTATION HISTORY

Nbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY
			From	To			FLD (FT)	BARO (FT)	
1	Ft Leonard Wood/Forney AAFMO	AAF	May 63	Nov 66	N 37 44	W 092 09	1158	1153	24
2	Same	Same	Nov 66	Aug 68	Same	Same	1168	1152	24
3	Same	Same	Sep 68	Jan 69	Same	Same	Same	Same	16
4	Same	Same	Feb 69	Sep 73	Same	Same	Same	Same	24
5	Same	Same	Oct 73	Jul 74	Same	Same	1158	Same	18
6	Same	Same	Aug 74	Dec 74	Same	Same	Same	Same	24
7	Same	Same	Jan 75	Nov 75	N 37 45	Same	Same	1168	19
8	Same	Same	Dec 75	Feb 82	Same	Same	Same	1151	14
9	Same	Same	Feb 82	Oct 84	Same	Same	Same	1154	14
10	Same	Same	Oct 84	Nov 85	N 37 44	W 092 08	Same	Same	14
11	Same	Same	Nov 85	Feb 91	Same	Same	1159	Same	14

Nbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	May 63	Atop control tower	AN/GMQ-11	N/A	32 ft	
2	Nov 66	500' NE ctrln, 90' fm SE end rwy	Same	RO-2	13 ft	
3	Dec 66	500' of ctrln, 50' fm SE end rwy	Same	Same	Same	
4	Dec 70	500' of ctrln, 90' fm SE end rwy	AN/GMQ-20	RO-362	Same	
5	Nov 75	Same	Same	Same	Same	
6	Feb 82	Same	Same	Same	Same	
7	Feb 91	Same	Same	Same	Same	



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

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 (GLAZF).

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: 724457      STATION NAME: FT LEONARD WOOD/FORNEY AAF MO      PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6      MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREZ 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												0
03-05												0
06-08	.3	5.1	2.0	5.0		12.1	21.1	.9	.1		34.3	700
09-11	.2	5.3	.8	7.6		13.8	19.2	1.2	.4		34.5	825
12-14		5.8	.3	5.5		11.6	13.3	2.3	.3		27.5	920
15-17		4.2	.9	4.1		9.3	10.9	1.6	.2		22.0	871
18-20	.1	3.5	1.6	3.6		8.7	13.2	.2			22.2	824
21-23	.4	3.8	1.5	1.9		7.2	11.8		.4		19.4	263
ALL HOURS	.1	4.7	1.1	5.0		10.9	15.1	1.2	.2		27.3	4403

MONTH: FEB

00-02												0
03-05												0
06-08	.3	8.0	2.0	6.0		16.1	30.7	2.6	.5		49.8	646
09-11		7.1	.8	7.1		15.0	25.8	1.7	.9		43.5	759
12-14		7.7	1.0	6.2		14.9	17.1	1.2	.6		33.8	841
15-17		8.5	1.4	6.1		15.9	15.8	1.1	.3		33.2	790
18-20		9.2	1.8	6.2		17.2	16.9	.8	.4		35.3	739
21-23		10.8	2.7	5.9		19.5	20.0	1.1	.5		41.1	185
ALL HOURS	.1	8.2	1.4	6.3		16.0	20.8	1.4	.5		38.8	3960

A - 2 - 1

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

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

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												0
03-05												0
06-08	.3	10.6	.6	2.2		13.4	20.5	2.9			36.8	718
09-11	.6	11.2	.6	2.3		14.0	14.6	2.4			31.0	841
12-14	1.0	9.9	.4	3.6		13.9	9.9	2.6			26.4	922
15-17	.5	9.4	.2	3.0		12.7	8.6	1.5		.1	22.9	861
18-20	1.7	10.7	.5	3.6		14.8	12.5	1.6		.6	29.4	832
21-23	1.5	9.2	.5	2.9		12.6	11.7	1.0		1.0	26.2	206
ALL HOURS	.8	10.3	.5	3.0		13.7	12.9	2.1		.2	28.9	4380

MONTH: APR

00-02												0
03-05	2.8	11.3				11.3	16.0				27.4	106
06-08	1.6	11.3				11.3	17.2	1.2			29.7	728
09-11	.7	9.9		.2		10.1	9.0	1.7			20.8	842
12-14	1.5	8.4		.4		8.8	5.0	.7	.1		14.6	896
15-17	2.1	11.7		.1	.2	12.1	6.7	.4			19.2	818
18-20	2.1	12.8		.1		12.9	8.5	.4			21.7	791
21-23	3.9	9.2				9.2	5.3	1.3			15.8	76
ALL HOURS	1.7	10.7		.2	.0	10.9	9.1	.8	.0		21.0	4257

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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												0
03-05	3.2	6.4				6.4	32.6	1.6			40.6	187
06-08	2.6	8.6				8.6	21.4	1.6			31.7	812
09-11	1.1	7.2				7.2	8.5	2.8			18.5	870
12-14	1.5	6.3				6.3	3.5	2.8			12.7	930
15-17	3.5	7.6				7.6	4.6	2.9			15.1	840
18-20	3.3	7.1				7.1	6.7	3.5			17.3	747
21-23							22.7	4.5			27.3	22
ALL HOURS	2.4	7.3				7.3	9.9	2.7			19.8	4408

MONTH: JUN

00-02												0
03-05	1.7	3.4				3.4	34.6	6.7			44.7	179
06-08	1.5	5.1				5.1	23.8	8.6			37.4	783
09-11	1.2	4.9				4.9	7.6	8.1			20.6	838
12-14	2.4	5.8				5.8	3.2	6.6			15.6	900
15-17	5.0	7.2				7.2	3.5	7.8			18.5	806
18-20	4.9	7.5				7.5	5.3	8.4			21.2	717
21-23	4.8							23.8			23.8	21
ALL HOURS	2.9	5.9				5.9	9.6	7.9			23.4	4244

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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												0
03-05	1.6	5.4				5.4	40.2	15.8			61.4	184
06-08	2.0	5.9				5.9	24.9	15.0			45.8	802
09-11	.8	4.4				4.4	4.3	10.2			19.0	860
12-14	3.2	4.5				4.5	2.6	6.2			13.3	918
15-17	3.4	3.8				3.8	2.2	5.8			11.8	834
18-20	2.6	2.6				2.6	2.0	7.7			12.3	739
21-23							8.7	4.3			13.0	23
ALL HOURS	2.3	4.3				4.3	8.5	9.2			21.9	4360

MONTH: AUG

00-02												0
03-05	3.2	4.3				4.3	41.5	10.1			55.9	188
06-08	1.5	5.4				5.4	31.2	9.1			45.7	811
09-11	.8	5.0				5.0	10.6	11.7			27.3	866
12-14	1.3	4.9				4.9	5.0	7.6			17.4	924
15-17	3.2	4.7				4.7	4.6	7.2			16.5	831
18-20	3.4	4.7				4.7	5.4	8.7			18.8	738
21-23	4.8	4.8				4.8	4.8	4.8			14.3	21
ALL HOURS	2.1	4.9				4.9	12.5	8.9			26.3	4379

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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												0
03-05	1.1	9.6				9.6	28.8	2.3			40.7	177
06-08	1.4	6.7				6.7	33.4	3.4			43.5	775
09-11	1.0	6.7				6.7	12.8	6.7			26.3	834
12-14	1.6	6.0				6.0	4.6	3.7			14.3	894
15-17	2.5	6.5				6.5	4.6	3.1			14.2	805
18-20	1.3	5.3				5.3	6.3	3.2			14.9	712
21-23	4.5	9.1				9.1	9.1	13.6			31.8	22
ALL HOURS	1.5	6.4				6.4	12.8	4.0			23.3	4219

MONTH: OCT

00-02												0
03-05	1.8	9.8				9.8	25.6	3.0			38.4	164
06-08	1.0	12.1				12.1	25.5	3.3			40.9	787
09-11	.6	8.0		.2		8.2	14.8	4.2			27.2	853
12-14	.5	11.0		.1		11.1	9.1	2.5			22.7	912
15-17	1.1	10.9				10.9	11.0	2.3			24.2	843
18-20	1.4	9.1				9.1	11.4	1.4			21.9	761
21-23		5.9				5.9	16.5	1.2			23.5	85
ALL HOURS	.9	10.1		.1		10.2	14.7	2.7			27.6	4405

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

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

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05		100.0				100.0	100.0				100.0	1
06-08	2.1	11.8	.4	.9		13.1	21.5	2.9			37.6	678
09-11	.9	9.8	.1	1.0		10.9	17.3	1.7			30.0	804
12-14	.8	12.0	.1	1.5		13.5	11.5	1.3			26.4	894
15-17	1.0	11.3	.1	1.3		12.7	11.8	1.2			25.7	841
18-20	2.5	13.3	.1	1.3		14.7	12.4	1.0			28.1	798
21-23	1.9	12.7	.4	1.2		14.3	16.6	.4			31.3	259
ALL HOURS	1.4	11.7	.2	1.2		13.1	14.7	1.5			29.4	4275

MONTH: DEC

00-02												0
03-05												0
06-08	.4	10.1	1.0	5.0		16.2	20.3	1.8	.1		38.4	674
09-11	.2	8.3	1.3	7.1		16.7	21.7	2.0	.4		40.7	820
12-14	.9	9.5	1.2	7.0		17.6	17.0	1.6	.4		36.7	918
15-17	.6	10.6	.6	6.8		17.9	16.6	.3			34.9	859
18-20	.6	9.7	.7	5.9		16.3	16.6	.1			33.0	815
21-23	.4	9.0	1.1	5.0		15.1	16.2	.7			32.0	278
ALL HOURS	.5	9.6	1.0	6.3		16.9	18.2	1.1	.2		36.4	4364

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

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

MONTH	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
JAN	.1	4.7	1.1	5.0		10.9	15.1	1.2	.2		27.3	4403
FEB	.1	8.2	1.4	6.3		16.0	20.8	1.4	.5		38.8	3960
MAR	.8	10.3	.5	3.0		13.7	12.9	2.1		.2	28.9	4380
APR	1.7	10.7		.2	.0	10.9	9.1	.8	.0		21.0	4257
MAY	2.4	7.3				7.3	9.9	2.7			19.8	4408
JUN	2.9	5.9				5.9	9.6	7.9			23.4	4244
JUL	2.3	4.3				4.3	8.5	9.2			21.9	4360
AUG	2.1	4.9				4.9	12.5	8.9			26.3	4379
SEP	1.5	6.4				6.4	12.8	4.0			23.3	4219
OCT	.9	10.1		.1		10.2	14.7	2.7			27.6	4405
NOV	1.4	11.7	.2	1.2		13.1	14.7	1.5			29.4	4275
DEC	.5	9.6	1.0	6.3		16.9	18.2	1.1	.2		36.4	4364
ANNUAL	1.4	7.8	.3	1.8	.0	10.0	13.2	3.6	.1	.0	26.9	51654

OPERATING LOCATION 'A'  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 LST TO UTC: +06

PERIOD OF RECORD: 6303-9109  
 MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	2.1	22.4	5.8	24.7	.4	39.9	32.2	17.4	3.5		51.6	847
FEB	2.0	26.7	5.1	27.7	.1	44.9	38.5	22.3	3.4		58.4	790
MAR	8.3	34.8	2.2	14.8	1.0	42.5	34.1	20.0	1.8		54.2	880
APR	17.7	42.9		2.6	1.7	43.7	28.0	15.9	.6		52.5	870
MAY	19.8	42.7			1.1	42.7	35.9	21.9			59.4	897
JUN	23.6	38.7			.7	38.7	34.6	29.7			59.7	869
JUL	19.9	29.6			.1	29.6	35.9	35.5			60.7	894
AUG	19.6	31.4			.1	31.4	41.0	40.9			64.7	897
SEP	13.8	34.3			.6	34.3	46.1	33.5			63.0	862
OCT	8.0	31.1		.5	.2	31.5	32.1	18.5			45.6	864
NOV	5.8	34.0	.8	9.7		38.6	34.0	18.6	.5		51.5	826
DEC	3.2	29.4	6.2	21.9	.4	42.3	35.3	15.5	1.8		52.3	844
ANNUAL	12.2	33.3	1.6	8.2	.5	38.3	35.6	24.3	.9		56.2	10340

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/PORNEY AAF MO 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												
03-05				2.8	3.2	1.7	1.6	3.2	1.1	1.8		
06-08	.3	.3	.3	1.6	2.6	1.5	2.0	1.5	1.4	1.0	2.1	.4
09-11	.2		.6	.7	1.1	1.2	.8	.8	1.0	.6	.9	.2
12-14			1.0	1.5	1.5	2.4	3.2	1.3	1.6	.5	.8	.9
15-17			.5	2.1	3.5	5.0	3.4	3.2	2.5	1.1	1.0	.6
18-20	.1		1.7	2.1	3.3	4.9	2.6	3.4	1.3	1.4	2.5	.6
21-23	.4		1.5	3.9		4.8		4.8	4.5		1.9	.4
ALL HOURS	.1	.1	.8	1.7	2.4	2.9	2.3	2.1	1.5	.9	1.4	.5
..... TOTAL OBS .....	4403	3960	4380	4257	4408	4244	4360	4379	4219	4405	4275	4364

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

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

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS	
TSTMS					83.3	16.7	6	
LIQUID PRECIP	3.9		20.6	19.1	34.3	22.1	204	
FREEZING PRECIP	6.1		51.0	28.6	8.2	6.1	49	
FROZEN PRECIP	3.1		36.3	12.1	10.3	38.1	223	
FOG	7.4		30.7	15.9	20.7	24.3	662	
FOG WITH VIS GE 1/2 MILES	7.0		31.0	16.7	20.3	25.1	630	
TOTAL OBS	359	0	868	457	1376	1343	0	4403

MONTH: FEB HOURS: ALL

TSTMS				50.0	50.0		2	
LIQUID PRECIP	5.8		30.9	28.7	22.6	11.9	327	
FREEZING PRECIP	5.4		69.6	14.3	1.8	8.9	56	
FROZEN PRECIP	4.8		56.8	7.6	6.0	24.8	250	
FOG	9.9		39.2	17.1	15.3	18.5	821	
FOG WITH VIS GE 1/2 MILES	9.0		39.1	17.3	16.1	18.4	732	
TOTAL OBS	339	0	1108	526	1039	948	0	3960

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

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

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS	
TSTMS	5.4		27.0	16.2	40.5	10.8	37	
LIQUID PRECIP	3.3		29.2	31.8	22.8	12.8	421	
FREEZING PRECIP			55.0	15.0	10.0	20.0	20	
FROZEN PRECIP	4.6		49.2	3.1	3.1	40.0	130	
FOG	7.1		32.7	30.2	14.6	15.5	563	
FOG WITH VIS GE 1/2 MILES	7.0		33.6	28.9	14.7	15.8	532	
TOTAL OBS	327	0	1033	714	1407	899	0	4380

MONTH: APR HOURS: ALL

TSTMS	4.2		13.9	25.0	38.9	18.1	72	
LIQUID PRECIP	4.3		20.8	27.2	22.8	24.9	394	
FREEZING PRECIP								
FROZEN PRECIP				66.7		33.3	9	
FOG	4.4		27.5	32.6	15.2	20.3	389	
FOG WITH VIS GE 1/2 MILES	4.0		27.7	32.7	14.9	20.7	376	
TOTAL OBS	253	0	978	677	1351	998	0	4257

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

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

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSTMS	8.6		12.4	25.7	33.3	20.0	105
LIQUID PRECIP	9.2		19.2	32.8	25.6	13.2	250
FREEZING PRECIP							
FROZEN PRECIP							
FOG	18.2		23.7	30.6	21.1	6.4	435
FOG WITH VIS GE 1/2 MILES	17.2		24.6	30.5	21.5	6.2	419
TOTAL OBS	385	0	745	828	1655	795	4408

MONTH: JUN HOURS: ALL

TSTMS	8.9		23.6	20.3	29.3	17.9	123
LIQUID PRECIP	14.7		16.6	28.2	26.4	14.1	163
FREEZING PRECIP							
FROZEN PRECIP							
FOG	26.1		16.6	26.1	22.1	9.0	398
FOG WITH VIS GE 1/2 MILES	25.5		16.8	26.6	22.1	9.0	376
TOTAL OBS	612	0	651	680	1618	683	4244

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

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

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS	
TSTMS	8.8		11.8	19.6	37.3	22.5	102	
LIQUID PRECIP	4.9		18.0	23.0	21.3	32.8	122	
FREEZING PRECIP								
FROZEN PRECIP								
FOG	30.6		18.7	11.4	26.7	12.5	359	
FOG WITH VIS GE 1/2 MILES	30.0		19.1	11.4	27.1	12.3	350	
TOTAL OBS	600	0	710	580	1593	877	0	4360

MONTH: AUG HOURS: ALL

TSTMS	11.1		21.1	22.2	25.6	20.0	90	
LIQUID PRECIP	21.0		21.0	22.9	24.8	10.2	157	
FREEZING PRECIP								
FROZEN PRECIP								
FOG	28.0		15.9	27.8	21.9	6.5	540	
FOG WITH VIS GE 1/2 MILES	27.2		16.2	27.4	22.5	6.7	525	
TOTAL OBS	680	0	775	906	1352	666	0	4379

OPERATING LOCATION "A"  
 USAFETAC, ASHFVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 LST TO UTC: + 6

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

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS
TSIMS	7.7		13.8	16.9	35.4	26.2	65
LIQUID PRECIP	13.2		26.9	16.7	31.3	11.9	227
FREEZING PRECIP							
FROZEN PRECIP							
FOG	17.9		21.1	18.7	29.4	12.9	541
FOG WITH VIS GE 1/2 MILES	17.8		21.5	17.8	29.8	13.2	517
TOTAL OBS	565	0	721	732	1555	646	4219

MONTH: OCT HOURS: ALL

TSIMS	7.3		19.5	12.2	39.0	22.0	41
LIQUID PRECIP	7.7		31.7	23.3	24.9	12.5	417
FREEZING PRECIP							
FROZEN PRECIP			100.0				3
FOG	11.8		28.3	22.8	24.5	12.6	644
FOG WITH VIS GE 1/2 MILES	11.6		28.7	21.8	24.8	13.1	620
TOTAL OBS	488	0	836	636	1665	780	4405

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

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

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS	
TSTMS	4.9		11.5	24.6	47.5	11.5	61	
LIQUID PRECIP	6.4		28.2	22.7	25.1	17.6	450	
FREEZING PRECIP			37.5	25.0		37.5	8	
FROZEN PRECIP			27.5	2.0	7.8	62.7	51	
FOG	7.7		33.2	19.5	24.9	14.7	626	
FOG WITH VIS GE 1/2 MILES	7.0		33.5	19.2	25.5	14.8	600	
TOTAL OBS	352	0	735	554	1660	974	0	4275

MONTH: DEC HOURS: ALL

TSTMS	4.2		20.8	12.5	45.8	16.7	24	
LIQUID PRECIP	6.9		20.0	26.4	31.3	15.5	406	
FREEZING PRECIP			76.7	4.7	4.7	14.0	43	
FROZEN PRECIP	6.0		40.9	8.9	8.9	35.2	281	
FOG	7.0		30.8	18.7	23.5	20.0	791	
FOG WITH VIS GE 1/2 MILES	6.8		30.9	18.0	23.6	20.7	745	
TOTAL OBS	385	0	887	484	1307	1301	0	4364

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 LST TO UTC: + 6

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

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	NO OF OBS	
TSTMS	7.7		16.8	20.7	35.7	19.1	728	
LIQUID PRECIP	7.4		24.8	25.7	25.9	16.1	3538	
FREZZING PRECIP	3.4		63.1	16.5	5.1	11.9	176	
FROZEN PRECIP	4.4		44.2	8.7	7.5	35.2	947	
FOG	13.4		27.9	22.1	21.5	15.1	6769	
FOG WITH VIS GE 1/2 MILES	13.0		28.1	21.8	21.8	15.3	6422	
TOTAL OBS	5345	0	10047	7774	17578	10910	0	51654



PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	BBBBBBBBB
PPPPPPP	AAAAAAA	RRRRRRR	TTTTTTTTT	BBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPP	AA AA	RRRRRRR	TT	BBBBBBBBB
PPPPPPP	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

B - 1 - 1

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 PER.

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

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

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

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

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

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

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

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

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6303-9109  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	57.7	51.1	52.4	51.1	51.2	56.4	66.0	63.9	63.2	64.5	57.3	54.9	57.6
TRACE	17.7	18.0	14.4	13.2	12.7	10.0	8.8	9.5	7.0	8.7	11.7	14.9	12.2
.01	2.9	2.5	3.6	2.4	2.4	2.6	1.9	1.7	2.1	1.6	2.3	2.9	2.4
.02-.05	6.3	8.5	5.5	6.0	5.8	6.3	4.4	4.2	4.3	3.1	5.0	6.5	5.5
.06-.10	3.3	3.9	2.7	3.8	3.7	3.6	3.1	2.6	3.2	2.5	3.8	3.4	3.3
.11-.25	5.5	6.3	6.3	7.8	6.9	6.8	4.9	4.6	4.8	5.9	6.6	4.5	5.9
.26-.50	3.3	4.2	7.6	7.4	7.7	6.0	3.9	5.5	4.5	5.6	4.8	5.1	5.5
.51-1.00	2.4	3.5	4.5	4.7	5.0	4.3	3.4	3.9	7.0	3.9	4.2	5.0	4.3
1.01-2.50	.8	1.5	2.7	3.1	4.1	3.7	3.5	3.8	3.2	3.9	3.8	2.7	3.1
2.51-5.00	.1	.4	.2	.5	.4	.3	.1	.4	.5	.2	.4	.1	.3
5.01-10.00									.1		.1		.0
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	24.6	30.9	33.2	35.7	36.1	33.6	25.2	26.6	29.7	26.9	30.9	30.2	30.3
TOTAL NO. OF OBSERVATIONS	859	790	880	869	898	870	894	897	868	864	837	861	10387

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6303-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
63			.65*	2.91	5.28	4.31	1.95	2.59	.36	1.41	2.00	.66	22.12*
64	1.08	2.29	6.49	4.16	1.47	3.35	.83	2.01	1.25	.46	2.97	1.08	27.44
65	2.18	1.49	1.41	5.45	4.60	5.13	8.40	7.84	9.73	.67	1.55	4.89	53.34
66	1.17	5.01	2.45	7.29	4.01	1.53	4.45	2.75	6.33	2.52	3.09	2.10	42.70
67	1.74	1.82	1.86	5.07	7.56	5.88	2.74	.90	4.35	7.77	1.93	4.80	46.42
68	2.21	1.50	4.03	2.36	5.06	2.24	2.23	3.70	4.33	2.18	7.02	3.35	40.21
69	3.36*	2.78	2.53	4.80	2.89	4.93	4.65	1.40	4.64	6.88	.73	3.10	42.69*
70	.32	1.31	3.84	6.16	4.12	8.91	.56	3.46	11.63	5.50	2.65	2.06	50.52
71	1.29	2.71	1.99	2.30	5.52	3.57	2.25	1.61	3.29	3.63	2.74	7.92	38.82
72	.93	1.80	2.12	5.19	1.29	1.52	7.06	3.06	5.67	4.11	6.11	2.29	41.15
73	3.27	1.06	9.17	4.68	5.45	1.69	3.78	1.21	4.72	6.87	5.05	3.99	50.94
74	2.67	2.71	4.92	3.87	5.86	2.46	1.21	8.69	5.13	1.79	4.56	3.12	46.99
75	5.41	4.92	3.40	3.38	6.40	4.14	2.29	8.21	4.96	1.76	2.45	2.34	49.66
76	.57	2.12	1.84	4.27	3.69	1.15	3.72	1.03	1.60	3.25	.77	.45	24.46
77	1.16	2.11	4.52	2.57	3.94	7.20	.77	5.37	6.12	2.41	4.47	2.85	43.49
78	.92	1.00	5.40	2.55	4.50	3.05	4.94	4.25	1.70	1.97	6.41	2.11	38.80
79	1.78	2.04	3.33	7.24	7.24	2.04	9.04	5.74	2.39	3.28	2.17	1.81	48.10
80	.32	1.92	3.90	2.64	1.72	.97	.95	4.96	2.84	6.13	.68	.82	27.85
81	.50	1.69	1.99	1.90	8.96	10.33	5.82	2.20	1.70	5.22	2.02	1.19	43.51
82	4.99	.60	2.74	1.58	5.24	5.35	.84	9.51	1.46	2.78	3.02	10.24	48.35
83	.46	.63	2.15	10.93	5.16	3.05	3.11	.64	5.95	9.19	14.98	3.46	59.71
84	1.21	3.81	5.88	5.26	3.25	1.93	1.61	4.64	6.85	5.28	4.61	5.91	50.24
85	2.27	6.38	7.45	5.25	6.05	10.15	2.25	7.59	1.12	4.82	10.39	4.21	67.93
86	.09	2.61	1.57	3.25	6.19	2.75	1.20	3.68	9.81	8.19	2.98	1.70	44.02
87	1.39	2.19	2.34	4.25	1.30	2.45	3.94	3.64	2.45	4.33*	6.05	8.07	42.40*
88	1.34	3.84	5.44	2.62	3.24	1.19	5.80	2.48	4.32	1.54	7.10	4.22	43.13
89	1.74	2.11	5.07	1.05	3.62	3.23	4.80	5.78	2.18	.58	2.58	1.16	33.90
90	3.52	4.66	4.84	4.56	10.36	5.16	3.31*	2.58	3.48	5.16	3.47	6.71	57.81*
91	1.59	.67	2.10	6.46	7.90	2.81	.67	4.45	5.45				32.10*

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6303-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.09	.60	1.41	1.05	1.29	.97	.56	.64	.36	.46	.68	.45	24.46
GREATEST	5.41	6.38	9.17	10.93	10.36	10.33	9.04	9.51	11.63	9.19	14.98	10.24	67.93
MEAN	1.71	2.42	3.74	4.27	4.89	3.88	3.28	4.00	4.34	3.90	4.09	3.45	44.24
MEDIAN	1.34	2.11	3.37	4.25	5.06	3.05	2.52	3.64	4.33	3.28	3.00	2.98	43.77
SD	1.324	1.445	1.960	2.086	2.221	2.574	2.367	2.492	2.765	2.479	3.115	2.462	9.815
TOTAL OBS	859	790	880	869	898	870	894	897	868	864	837	861	10387

THE GREATEST VALUE OF 14.98 OCCURRED ON 11/83

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

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6303-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
63			.37*	.79	1.67	1.59	.53	.91	.28	1.04	1.38	.35	1.67*
64	.53	.77	3.42	1.67	.68	1.40	.44	1.07	.59	.45	1.28	.45	3.42
65	.58	.65	.50	1.89	1.33	2.26	1.84	3.06	5.69	.31	.39	1.64	5.69
66	.55	2.59	.95	2.34	1.22	1.12	1.67	1.47	2.81	1.33	1.18	.68	2.81
67	.79	1.10	1.08	1.54	2.82	2.86	1.11	.63	1.08	2.10	.79	1.37	2.86
68	.98	1.25	1.05	.66	1.23	.59	.62	.85	1.20	.84	1.45	1.96	1.96
69	2.37*	.64	1.40	1.56	1.16	1.11	1.61	.65	1.80	2.16	.37	.88	2.37*
70	.14	.45	.64	3.14	1.64	1.82	.42	1.66	3.16	1.83	1.49	.63	3.16
71	.85	1.05	1.39	.87	2.45	1.63	.90	.64	.86	1.04	.90	1.74	2.45
72	.60	.77	.80	1.32	.88	.39	2.39	.86	1.50	1.09	2.02	.77	2.39
73	1.06	.49	2.27	1.89	1.89	.44	1.57	.79	1.08	1.54	3.07	1.36	3.07
74	.90	1.02	1.41	1.40	1.90	1.03	.87	3.19	1.86	1.07	1.64	1.23	3.19
75	1.71	2.67	1.11	1.20	4.34	1.38	1.30	2.29	1.23	.76	.73	.66	4.34
76	.32	1.48		1.22	.91	1.00	3.29	.43	.69	1.48	.76	.42	3.29
77	.50	.84	1.71	1.56	1.44	2.06	.55	1.21	1.59	.87	.87	1.16	2.06
78	.40	.46	2.53	.87	2.39	1.39	1.67	1.43	.70	.64	1.57	.68	2.53
79	.53	1.12	.62	4.22	2.88	.42	1.80	1.92	2.08	1.44	1.10	1.18	4.22
80	.14	1.16	1.00	1.15	.55	.75	.37	2.49	1.60	2.13	.20	.66	2.49
81	.79	.63	.77	.70	2.16	2.81	1.36	.80	.79	1.55	1.15	.57	2.81
82	2.83	.21	.98	.43	1.18	1.29	.50	2.73	1.12	.78	1.56	4.79	4.79
83	.27	.39	.55	4.48	1.45	1.04	1.70	.49	2.05	4.68	5.72	.92	5.72
84	.51	1.50	1.40	1.39	.81	.83	1.14	1.89	1.80	1.26	1.46	1.71	1.89
85	.76	2.53	1.87	1.71	1.88	4.41	2.01	1.70	.77	1.70	2.65	1.38	4.41
86	.07	.75	.67	.64	2.17	.67	.40	1.10	2.83	3.75	.75	.58	3.75
87	.59	.64	.80	2.75	.23	.90	1.03	1.22	1.22	1.23*	2.50	1.26	2.75*
88	.51	1.37	2.05	.88	2.37	.64	1.71	1.40	1.33	.50	1.75	2.45	2.45
89	.57	.57	2.40	.42	1.36	.95	1.50	3.59	.85	.37	1.75	.63	3.59
90	1.75	1.73	1.02	1.88	3.06	1.40	.94*	.87	.95	2.00	1.24	2.44	3.06*
91	.53	.33	.82	1.90	2.32	1.18	.23	2.22	1.38				2.32*

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6303-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	2.83	2.67	3.42	4.48	4.34	4.41	3.29	3.59	5.69	4.68	5.72	4.79	5.72
TOTAL OBS	859	790	880	869	898	870	894	897	868	864	837	861	10387

THE GREATEST VALUE OF 5.72 OCCURRED ON 11/02/83

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

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6303-9109  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	73.6	70.8	84.2	97.4	100.0	100.0	100.0	100.0	100.0	99.5	89.7	76.3	91.2
TRACE	15.5	17.0	9.9	2.1						.5	8.8	14.7	5.6
0.1-0.4	3.9	4.8	2.0								.1	3.7	1.2
0.5-1.4	3.2	3.9	1.3	.1							.5	2.4	.9
1.5-2.4	1.6	1.3	.9	.2							.1	1.4	.5
2.5-3.4	1.0	.6	.6	.2							.1	.6	.3
3.5-4.4	.2	.6	.5								.2	.6	.2
4.5-6.4	.6	.6	.5								.2	.2	.2
6.5-10.4	.2	.1	.2								.1	.1	.1
10.5-15.4		.3											.0
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	10.9	12.3	5.9	.6							1.4	9.0	3.3
TOTAL NO. OF OBSERVATIONS	863	790	880	870	898	870	894	897	868	864	837	864	10395

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6303-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
63			.0*	.0	.0	.0	.0	.0	.0	.0	.0	3.9	3.9*
64	12.0	1.2	5.4	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	18.7
65	4.6	7.0	9.1	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	20.7
66	4.6	10.4	1.9	.0	.0	.0	.0	.0	.0	TRACE	1.0	4.8	22.7
67	.1	2.0	1.4	.0	.0	.0	.0	.0	.0	.0	TRACE	6.0	9.5
68	2.6	5.7	6.9	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	15.2
69	TRACE	8.6	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	9.7	18.3
70	4.0	2.7	16.0	TRACE	.0	.0	.0	.0	.0	.0	.5	3.8	27.0
71	1.3	6.4	3.4	6.8	.0	.0	.0	.0	.0	.0	4.0	.0	21.9
72	1.4	2.5	TRACE	.0	.0	.0	.0	.0	.0	.0	7.9	1.9	13.7
73	3.6	TRACE	TRACE	1.4	.0	.0	.0	.0	.0	TRACE	.0	14.4	19.4
74	.1	2.2	11.0	TRACE	.0	.0	.0	.0	.0	.0	4.6	3.2	21.1
75	.2	11.0	9.5	TRACE	.0	.0	.0	.0	.0	.0	10.3	1.4	32.4
76	1.1	1.9	1.4	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.4
77	12.5	.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.2	3.8	17.0
78	9.4	6.7	7.4	.0	.0	.0	.0	.0	.0	.0	TRACE	2.5	26.0
79	18.9	1.3	.1	.0	.0	.0	.0	.0	.0	.0	TRACE	.7	21.0
80	1.6	16.8	4.5	2.7	.0	.0	.0	.0	.0	.0	1.5	TRACE	27.1
81	4.5	5.9	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.8	11.2
82	10.0	4.5	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	14.8
83	3.6	.1	.7	TRACE	.0	.0	.0	.0	.0	.0	TRACE	7.7	12.1
84	5.5	11.3	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	3.4	20.5
85	17.7	1.8	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.0	25.5
86	TRACE	5.6	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.6
87	10.7	3.2	TRACE	.0	.0	.0	.0	.0	.0	.0*	.0	7.5	21.4*
88	3.0	8.4	4.6	TRACE	.0	.0	.0	.0	.0	.0	4.6	2.1	22.7
89	1.0	5.9	11.2	.0	.0	.0	.0	.0	.0	TRACE	TRACE	7.4	25.5
90	.4	5.2	1.3	.0	.0	.0	.0*	.0	.0	.0	TRACE	8.8	15.7*
91	3.0	3.7	.2	.0	.0	.0	.0	.0	.0	.0			6.9*

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6303-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4
GREATEST	18.9	16.8	16.0	6.8	.0	.0	.0	.0	.0	TRACE	10.3	14.4	32.4
MEAN	4.9	5.1	3.4	.4	.0	.0	.0	.0	.0	TRACE	1.2	3.6	19.0
MEDIAN	3.3	4.9	1.4	.0	.0	.0	.0	.0	.0	.0	TRACE	2.9	20.5
SD	5.332	3.993	4.458	1.355	.000	.000	.000	.000	.000	.000	2.636	3.707	6.917
TOTAL OBS	863	790	880	870	898	870	894	897	868	864	837	864	10395

THE GREATEST VALUE OF 18.9 OCCURRED ON 01/79

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: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6303-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
63			.0*	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0*
64	9.4	.7	3.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	9.4
65	3.0	5.9	5.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	5.9
66	2.9	4.3	1.6	.0	.0	.0	.0	.0	.0	TRACE	1.0	3.0	4.3
67	.1	2.0	1.1	.0	.0	.0	.0	.0	.0	.0	TRACE	2.1	2.1
68	.7	2.6	3.3	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.3
69	TRACE	6.6	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.8	6.6
70	1.7	2.4	5.1	TRACE	.0	.0	.0	.0	.0	.0	.5	3.0	5.1
71	1.0	3.3	1.6	3.3	.0	.0	.0	.0	.0	.0	4.0	.0	4.0
72	.8	1.2	TRACE	.0	.0	.0	.0	.0	.0	.0	3.5	1.0	3.5
73	1.9	TRACE	TRACE	1.4	.0	.0	.0	.0	.0	TRACE	.0	8.1	8.1
74	.1	.7	6.6	TRACE	.0	.0	.0	.0	.0	.0	4.6	3.2	6.6
75	.2	5.0	5.0	TRACE	.0	.0	.0	.0	.0	.0	10.3	1.4	10.3
76	1.1	1.7	1.4	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.7
77	6.3	.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.2	2.0	6.3
78	3.7	2.9	3.4	.0	.0	.0	.0	.0	.0	.0	TRACE	1.2	3.7
79	6.0	.7	.1	.0	.0	.0	.0	.0	.0	.0	TRACE	.7	6.0
80	1.4	11.6	4.4	2.7	.0	.0	.0	.0	.0	.0	1.0	TRACE	11.6
81	2.9	4.3	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.7	4.3
82	6.9	2.0	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.9
83	2.6	.1	.4	TRACE	.0	.0	.0	.0	.0	.0	TRACE	2.0	2.6
84	5.0	11.0	.2	TRACE	.0	.0	.0	.0	.0	.0	TRACE	3.0	11.0
85	5.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.7	5.0
86	TRACE	4.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.7
87	5.6	2.5	TRACE	.0	.0	.0	.0	.0	.0	.0*	.0	5.3	5.6*
88	3.0	4.5	3.0	TRACE	.0	.0	.0	.0	.0	.0	4.6	1.7	4.6
89	.6	4.1	9.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.3	9.0
90	.3	3.5	1.3	.0	.0	.0	.0*	.0	.0	.0	TRACE	4.0	4.0*
91	1.8	3.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3*

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6303-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	9.4	11.6	9.0	3.3	.0	.0	.0	.0	.0	TRACE	10.3	8.1	11.6
TOTAL OBS	863	790	880	870	898	870	894	897	868	864	837	864	10395

THE GREATEST VALUE OF 11.6 OCCURRED ON 02/08/80

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: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6303-9109  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	65.4	66.3	89.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	97.1	80.4	91.8
TRACE	7.4	11.3	2.8	.1							.8	6.8	2.4
1	7.0	6.6	2.2	.5							.8	4.4	1.7
2	7.4	3.5	1.4	.1							.4	3.1	1.3
3	3.9	3.2	.5	.1							.4	2.1	.8
4-6	5.8	7.5	1.9								.4	2.7	1.5
7-12	3.1	1.6	1.5								.1	.5	.6
13-24													
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	27.3	22.4	7.4	.7							2.0	12.7	5.9
TOTAL NO. OF OBSERVATIONS	866	790	880	870	897	870	894	897	867	864	838	864	10397

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6303-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
63			0*	0	0	0	0	0	0	0	0	1	1*
64	9	2	3	0	0	0	0	0	0	0	0	1	9
65	3	4	9	0	0	0	0	0	0	0	0	0	9
66	1	6	1	0	0	0	0	0	0	0	1	5	0
67	1	2	2	0	0	0	0	0	0	0	0	2	2
68	2	4	5	0	0	0	0	0	0	0	0	4	5
69	4	7	0	0	0	0	0	0	0	0	0	7	7
70	7	2	9	0	0	0	0	0	0	0	0	3	9
71	1	4	2	3	0	0	0	0	0	0	1	0	4
72	1	1	0	0	0	0	0	0	0	0	5	1	5
73	3	TRACE	0	1	0	0	0	0	0	0	0	8	8
74	6	1	7	0	0	0	0	0	0	0	3	2	7
75	TRACE	7	7	0	0	0	0	0	0	0	10	2	10
76	1	2	1	0	0	0	0	0	0	0	0	TRACE	2
77	8	2	0	0	0	0	0	0	0	0	1	2	8
78	8	6	6	0	0	0	0	0	0	0	0	1	8
79	9	8	TRACE	0	0	0	0	0	0	0	TRACE	TRACE	9
80	2	12	2	2	0	0	0	0	0	0	3	TRACE	12
81	2	3	0	0	0	0	0	0	0	0	TRACE	1	3
82	6	6	TRACE	TRACE	0	0	0	0	0	0	0	0	6
83	3	TRACE	TRACE	0	0	0	0	0	0	0	TRACE	6	6
84	5	11	7	0	0	0	0	0	0	0	0	2	11
85	6	6	0	0	0	0	0	0	0	0	0	4	6
86	TRACE	5	0	0	0	0	0	0	0	0	0	0	5
87	5	3	0	0	0	0	0	0	0	0*	0	5	5*
88	2	6	2	0	0	0	0	0	0	0	5	2	6
89	1	4	11	0	0	0	0	0	0	0	TRACE	4	11
90	TRACE	2	2	0	0	0	0*	0	0	0	0	4	4*
91	3	4	TRACE	0	0	0	0	0	0	0	0	0	4*

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6303-3109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	9	12	11*	3	0	0	0*	0	0	0*	10	8	12*
TOTAL OBS	866	790	880	870	897	870	894	897	867	864	838	864	10397

THE GREATEST VALUE OF 12 OCCURRED ON 02/09/80

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

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO

PERIOD OF RECORD: 6303-9109

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
63 - 64	DEC 08	DEC 10	DEC 11	MAR 27	MAR 09	MAR 10
64 - 65	NOV 19	DEC 04	DEC 05	MAR 26	MAR 25	MAR 26
65 - 66	DEC 14	JAN 22	JAN 22	MAR 27	MAR 06	MAR 05
66 - 67	OCT 16	NOV 04	NOV 05	MAR 19	MAR 08	MAR 08
67 - 68	NOV 02	DEC 02	DEC 03	MAR 23	MAR 21	MAR 21
68 - 69	NOV 18	FEB 15	DEC 28	MAR 27	FEB 22	FEB 22
69 - 70	OCT 29	DEC 07	DEC 25	APR 04	MAR 28	MAR 19
70 - 71	NOV 03	NOV 03	DEC 31	APR 06	APR 06	APR 06
71 - 72	NOV 06	NOV 23	NOV 24	MAR 29	FEB 24	FEB 10
72 - 73	NOV 14	NOV 18	NOV 19	APR 10	APR 09	APR 10
73 - 74	OCT 28	DEC 14	DEC 20	APR 04	MAR 23	MAR 25
74 - 75	NOV 13	NOV 29	NOV 30	APR 03	MAR 14	MAR 15
75 - 76	NOV 20	NOV 26	NOV 26	MAR 16	MAR 16	MAR 16
76 - 77	NOV 04	JAN 06	JAN 07	APR 05	FEB 27	FEB 27
77 - 78	NOV 09	NOV 27	NOV 27	MAR 26	MAR 26	MAR 26
78 - 79	NOV 27	DEC 07	DEC 07	MAR 24	MAR 24	FEB 14
79 - 80	NOV 27	DEC 24	JAN 30	APR 15	APR 14	APR 15
80 - 81	NOV 17	NOV 17	NOV 17	FEB 11	FEB 11	FEB 14
81 - 82	NOV 19	DEC 14	DEC 23	APR 08	MAR 06	FEB 15
82 - 83	NOV 23	JAN 21	JAN 21	APR 18	MAR 10	JAN 23
83 - 84	NOV 10	DEC 14	DEC 15	APR 04	MAR 12	MAR 03
84 - 85	NOV 10	DEC 05	DEC 05	FEB 27	FEB 18	FEB 15
85 - 86	NOV 28	DEC 13	DEC 13	MAR 20	FEB 28	FEB 15

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO

PERIOD OF RECORD: 6303-9109

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
86 - 87	NOV 11	JAN 01	JAN 02	MAR 10	FEB 17	FEB 19
87 - 88	DEC 01	DEC 01	DEC 15	APR 15	MAR 18	MAR 18
88 - 89	NOV 20	NOV 20	NOV 20	MAR 21	MAR 06	MAR 10
89 - 90	OCT 19	DEC 07	DEC 08	MAR 24	MAR 24	MAR 24
90 - 91	NOV 05	DEC 21	DEC 22	MAR 14	MAR 13	FEB 26
MEDIAN-DATE	NOV 13	DEC 07	DEC 12	MAR 27	MAR 12	MAR 09

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAAA	RRRRRRR	TTTTTTTTT	CCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCC
PP	AA AA	RR RR	TT	CCCCC

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: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6401-6401,6607-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
64	WSW 38												WSW*38
66							SE 32	NNW 32	N 22	S 44	NW 38	S 44	S *44
67	SSW 41	SSW 37	SSW 36	S 37	NW 42	W 53	WNW 32	W 39	SW 25	NW 43	NW 26	NW 35	W 53
68	S 25	NW 29	W 38	SW 45	W 41	W 39	32/ 42	21/ 43	25/ 34	31/ 38	20/ 31	24/ 46	24/ 46
69	24/ 36	32/ 34	24/*38	36/ 51	28/ 38	36/ 47	23/ 55	27/ 38	33/ 33	19/ 45	18/ 42	26/ 40	23/*55
70	20/ 46	33/ 39	16/ 40	26/ 39	22/ 40	30/ 39	21/ 28	22/ 32	31/ 40	16/ 45	25/ 41	26/ 46	20/ 40
71	17/ 36	25/ 52	25/ 55	28/ 42	30/ 45	33/ 51	28/ 41	09/ 25	27/ 31	21/ 34	32/ 33	24/ 49	25/ 55
72	18/ 36	32/ 38	23/ 35	25/ 41	30/ 38	30/ 40	25/ 42	35/ 27	20/ 28	18/ 33	17/ 33	25/ 42	25/ 42
73	26/ 37	21/ 30	22/ 43	28/ 48	19/ 36	21/ 41	30/ 35	28/ 40	32/ 27	27/ 62	34/ 55	24/ 68	24/ 68
74	21/ 25	30/ 33	22/ 40	24/ 48	20/ 37	25/ 45	35/ 30	31/ 37	30/ 29	18/ 31	33/ 37	18/ 38	24/ 48
75	25/ 42	31/ 30	27/ 50	27/ 41	36/ 47	22/ 44	25/ 48	26/ 47	23/ 33	20/ 32	28/ 49	19/ 34	27/ 50
76	20/ 36	27/ 56	24/*51	23/ 38	22/ 31	32/ 32	24/ 28	30/*32	28/ 31	34/ 22	22/ 34	29/ 37	27/*56
77	35/ 42	23/ 39	18/*33	27/ 33	31/ 50	28/ 33	36/*18	22/ 40	27/ 40	34/ 30	22/ 40	24/ 37	31/*50
78	31/ 38	30/ 40	25/ 32	26/ 42	32/ 45	22/ 34	28/ 58	34/ 48	24/ 32	34/ 31	26/ 32	31/ 36	28/ 58
79	35/ 31	01/ 35	18/ 35	24/ 45	20/ 36	25/ 30	21/ 32	25/ 27	31/ 27	26/ 45	29/ 36	31/ 37	24/ 45
80	20/ 44	32/ 40	18/ 37	31/ 39	25/ 29	22/ 28	36/*40	21/*34	34/*33	32/*27	21/*26	34/*25	20/*44
81	12/*32	31/*29	20/ 32	23/ 36	34/ 27	33/ 32	04/ 28	10/ 25	22/ 25	32/ 29	26/ 49	23/ 33	26/*49
82	26/ 33	24/ 28	33/ 37	25/ 44	19/ 35	19/ 31	28/ 35	03/ 28	21/ 24	28/ 30	27/ 34	27/ 54	27/ 54
83	32/ 35	32/ 26	15/ 30	32/ 30	19/ 36	31/ 30	19/ 22	34/ 30	29/ 31	27/ 30	27/ 29	20/ 27	19/ 36
84	30/ 37	23/ 39	30/ 46	24/ 43	30/ 30	21/ 34	23/ 28	16/ 44	27/ 44	19/ 32	27/ 37	25/ 40	30/ 46
85	33/ 33	14/ 28	22/ 35	27/ 55	21/ 31	27/ 36	29/ 32	32/ 25	30/ 23	22/ 31	18/ 31	28/ 26	27/ 55
86	30/ 27	33/ 29	21/ 46	27/ 35	21/ 30	30/ 37	29/ 55	22/ 24	31/ 28	18/ 25	31/ 28	29/ 24	29/ 55
87	16/ 48	33/ 29	14/ 35	34/ 34	20/ 30	36/ 33	25/ 35	22/ 38	21/ 31	28/*30	25/ 44	32/ 33	16/*48
88	18/ 32	24/ 41	23/ 40	24/ 43	25/ 39	35/ 25	21/ 24	34/*24	15/ 39	21/ 34	23/ 51	23/ 38	23/*51
89	24/ 32	33/ 27	27/ 32	33/ 30	18/ 35	08/ 20	34/ 21	22/ 24	30/ 23	20/ 23	24/ 31	33/ 30	18/ 35
90	24/ 34	33/ 31	21/ 32	29/ 27	33/ 37	21/ 39	32/*26	29/ 23	24/ 29	21/ 28	24/ 35	27/ 29	21/*39
91	32/ 30	30/ 28	23/ 40	15/ 31	24/ 37	27/ 29	14/ 19	27/ 28	33/ 22				23/*40

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6401-6401,6607-9109  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GREATEST	16/ 48	27/ 56	25/ 55	27/ 55	31/ 50	W 53	28/ 58	34/ 48	27/ 44	27/ 62	34/ 55	24/ 68	24/ 68
TOTAL OBS	793	690	739	742	769	746	781	788	765	755	737	754	9059

THE PEAK WIND OF 68 FROM 24/ OCCURRED ON 12/04/73

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 OCCURENCE OF DAILY PEAK WINDS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6401-6401,6607-9109  
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	5.9	24.7	27.1	22.2	10.7	5.3	2.8	1.1	.0	.0	18.9	18.0	793
FEB	.3	5.7	24.3	24.2	23.9	12.6	5.5	2.3	.9	.3	.0	19.3	18.0	690
MAR	.1	1.8	15.8	24.0	24.4	17.6	10.0	4.1	1.9	.4	.0	21.9	21.0	739
APR	.0	1.2	14.2	23.0	27.1	16.7	10.2	5.1	2.2	.3	.0	22.4	21.0	742
MAY	.0	4.0	24.1	29.3	22.4	10.5	4.9	3.5	1.2	.1	.0	19.3	18.0	769
JUN	.0	8.8	32.2	26.5	16.5	7.6	4.8	2.1	1.1	.3	.0	17.6	16.0	746
JUL	.1	8.7	40.3	29.7	12.7	4.4	2.3	.6	.8	.4	.0	15.9	15.0	781
AUG	.0	11.3	41.5	26.4	14.2	3.6	1.1	1.1	.8	.0	.0	15.6	14.0	788
SEP	.1	11.8	39.0	24.7	17.8	4.3	1.6	.4	.4	.0	.0	15.5	14.0	765
OCT	.0	7.8	27.0	31.1	18.8	8.9	3.7	1.7	.8	.1	.0	17.8	16.0	755
NOV	.4	5.4	20.6	26.7	21.6	13.6	8.0	2.3	.9	.4	.0	19.8	19.0	737
DEC	.1	6.5	22.9	28.1	19.6	13.3	6.1	1.7	1.3	.1	.1	19.3	18.0	754
ANNUAL	.1	6.6	27.4	26.8	20.0	10.2	5.3	2.3	1.1	.2	.0	18.6	17.0	9059

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 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	4.0	3.0	.7	.1								7.9	5.2	4.0
020-040	1.4	.7	.3									2.4	4.5	3.0
050-070	1.4	1.6										3.0	4.5	5.0
(E) 080-100	2.1	1.1										3.3	4.1	4.0
110-130	2.7	1.1										3.9	3.7	3.0
140-160	6.6	7.6	.9	.1								15.1	5.3	5.0
(S) 170-190	2.7	2.3	1.4	1.0	.1							7.6	7.8	6.0
200-220	3.7	3.9	1.3	.3	.1							9.3	6.3	6.0
230-250	5.1	3.9	.9									9.9	5.0	4.0
(W) 260-280	1.4	2.7	1.1	.3								5.6	7.6	7.0
290-310	2.6	4.3	2.4	.4								9.7	7.4	7.5
320-340	3.6	4.6	2.6	.6	.3							11.6	7.4	6.0
VARIABLE														
CALM	////////////////////											10.9	////	////
TOTALS	37.3	36.8	11.6	2.8	.5							100.0	5.4	5.0
TOTAL NUMBER OF OBSERVATIONS 700														

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
 MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	3.0	.7	.4								6.7	6.2	6.0
020-040	2.2	1.8	.1	.1								4.2	4.9	4.0
050-070	2.2	1.5										3.6	4.5	4.0
(E) 080-100	1.8	1.6										3.4	4.2	4.0
110-130	1.9	1.5	.4									3.8	5.4	4.0
140-160	3.9	6.7	1.2	.2								12.0	6.1	6.0
(S) 170-190	2.2	2.7	2.5	.1								7.5	7.5	7.0
200-220	2.9	4.7	3.8	1.2								12.6	8.4	8.0
230-250	1.5	5.8	1.6		.5							9.3	7.8	7.0
(W) 260-280	1.8	3.6	1.8	.2								7.5	7.3	7.0
290-310	2.1	3.8	4.4	1.0	.4							11.5	9.2	9.0
320-340	2.4	5.9	2.8	.4	.1							11.6	7.7	7.0
VARIABLE														
CALM	////////////////////////////////////											6.2	////////////////////////////////	
TOTALS	27.4	42.6	19.3	3.6	1.0							100.0	6.7	6.0

TOTAL NUMBER OF OBSERVATIONS 825

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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	2.1	3.4										5.4	5.1	5.0
020-040	2.5	3.0	.2									5.8	5.2	5.0
050-070	2.3	.9	.1									3.3	3.9	3.0
(E) 080-100	1.2	.7										1.8	3.6	3.0
110-130	2.2	1.3										3.5	4.3	4.0
140-160	2.5	3.2	1.1									6.7	6.5	6.0
(S) 170-190	2.0	3.3	4.3	.3	.1							10.0	8.7	9.0
200-220	1.6	4.2	4.6	1.7	.1							12.3	9.8	10.0
230-250	2.3	5.7	3.2	.5	.2							11.8	8.0	7.0
(W) 260-280	2.3	4.2	3.6	.7	.2							11.0	8.5	8.0
290-310	1.5	5.9	4.1	1.4	.1							13.0	9.0	8.0
320-340	1.7	3.9	4.5	.5	.2							10.9	9.1	9.0
VARIABLE														
CALM	////////////////////											4.5	////	////
TOTALS	24.2	39.7	25.7	5.1	.9							100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 920

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	2.5	2.9	1.1	.1								6.7	6.3	6.0
020-040	3.7	1.7										5.4	4.0	4.0
050-070	1.6	1.4										3.0	4.5	4.0
(E) 080-100	1.0	.8										1.8	4.2	4.0
110-130	1.5	1.7										3.2	4.8	5.0
140-160	1.6	2.2	1.5									5.3	6.9	7.0
(S) 170-190	2.2	5.9	5.1	.1								13.2	8.1	8.0
200-220	2.6	4.6	3.9		.5							11.6	8.1	8.0
230-250	2.8	4.6	1.7									9.1	6.6	6.0
(W) 260-280	2.6	4.5	3.7	.3	.3							11.5	8.3	8.0
290-310	1.6	5.1	4.7	1.0								12.4	8.9	9.0
320-340	2.6	5.3	3.3	.5	.3							12.1	7.8	7.0
VARIABLE														
CALM	////////////////////////////////////											4.8	////////////////////////////////	
TOTALS	26.3	40.7	25.0	2.0	1.1							100.0	7.0	7.0
TOTAL NUMBER OF OBSERVATIONS 871														

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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	3.0	2.4	.5									5.9	4.8	4.0
020-040	3.2	2.4	.1									5.7	4.7	4.0
050-070	2.3	.7	.1									3.2	3.9	3.5
(E) 080-100	1.9	.7	.1									2.8	4.1	3.0
110-130	1.8	1.5										3.3	4.6	4.0
140-160	3.8	4.5	1.3	.2								9.8	6.4	6.0
(S) 170-190	3.8	6.2	3.2	.2								13.3	7.0	6.5
200-220	2.8	2.9	.6	.2								6.6	6.0	6.0
230-250	4.7	4.4	.1									9.2	4.9	4.0
(W) 260-280	2.7	4.5	1.6	.1								8.9	6.7	6.0
290-310	2.7	3.6	1.6	.5								8.4	7.1	7.0
320-340	3.6	4.2	1.7	.1								9.7	6.2	6.0
VARIABLE														
CALM	////////////////////////////////////											13.2	////////////////////////////////	
TOTALS	36.3	38.0	10.9	1.3								100.0	5.1	6.0
TOTAL NUMBER OF OBSERVATIONS 824														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	1.9	3.4	.4									5.7	5.9	7.0
020-040	3.4	.8	.4									4.6	4.2	4.0
050-070	1.9	.8										2.7	2.9	2.0
(E) 080-100	.4	1.1										1.5	4.5	5.0
110-130	2.3	1.9	.8									4.9	5.3	5.0
140-160	3.4	4.2	1.9									9.5	6.8	6.0
(S) 170-190	3.0	5.7	3.4	.4	.4							12.9	7.9	8.0
200-220	1.9	3.4	.8									6.1	6.6	7.5
230-250	5.3	3.8	.8									9.9	5.0	4.0
(W) 260-280	3.4	2.3	1.9	.8								8.4	7.1	5.5
290-310	1.9	3.8	2.7	.4								8.7	7.7	7.0
320-340	4.2	3.4	1.9	.4								9.9	6.3	6.0
VARIABLE														
CALM	////////////////////////////////////											15.2	////////////////////////////////	
TOTALS	33.0	34.6	15.0	2.0	.4							100.0	5.4	6.0
TOTAL NUMBER OF OBSERVATIONS 263														

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
 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	2.7	3.0	.6	.1								6.4	5.6	5.0
020-040	2.7	1.9	.2	.0								4.8	4.7	4.0
050-070	2.0	1.2	.0									3.2	4.1	4.0
(E) 080-100	1.5	1.0	.0									2.5	4.1	4.0
110-130	2.0	1.5	.1									3.6	4.6	4.0
140-160	3.5	4.6	1.2	.1								9.5	6.1	6.0
(S) 170-190	2.6	4.2	3.4	.3	.1							10.6	7.8	8.0
200-220	2.6	4.0	2.8	.7	.1							10.3	8.0	8.0
230-250	3.3	4.8	1.5	.1	.1							9.9	6.5	6.0
(W) 260-280	2.3	3.9	2.4	.4	.1							9.0	7.8	8.0
290-310	2.0	4.5	3.5	.9	.1							11.0	8.5	8.0
320-340	2.8	4.7	3.0	.4	.2							11.1	7.6	7.0
VARIABLE														
CALM	////////////////////											8.2	////	////
TOTALS	30.0	39.3	18.7	3.0	.7							100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 4403

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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	3.3	5.0	1.3									9.6	6.0	5.0
020-040	5.0	6.0	.4									11.4	5.2	5.0
050-070	5.9	2.0										7.9	3.9	4.0
(E) 080-100	2.7	1.4										4.1	3.7	3.0
110-130	2.2	1.1										3.3	4.2	4.0
140-160	2.0	4.7	2.3									9.1	7.1	7.0
(S) 170-190	1.9	3.1	3.8									8.8	7.9	9.0
200-220	1.5	1.4	.1									3.1	5.0	4.5
230-250	3.1	2.0	.4									5.5	4.9	4.0
(W) 260-280	3.3	4.0	1.0	.3								8.6	6.2	6.0
290-310	2.4	6.4	2.9	.3								12.0	7.2	7.0
320-340	2.6	6.9	1.1	.3								10.9	6.7	6.0
VARIABLE														
CALM	////////////////////////////////////											5.9	////////////////////////////////	
TOTALS	35.9	44.0	13.3	.9								100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 783

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.4	3.4	.3									9.1	4.5	4.0
020-040	2.9	2.9	.5									6.3	5.0	5.0
050-070	3.7	1.4	.2									5.3	4.1	4.0
(E) 080-100	2.0	.8										2.8	3.3	3.0
110-130	4.5	1.4	.2									6.0	3.6	3.0
140-160	7.4	9.6	1.1									18.1	5.5	5.0
(S) 170-190	3.9	2.6	.5	.2								7.1	5.2	4.0
200-220	2.8	1.5	.5	.5								5.3	6.1	4.0
230-250	3.1	1.9										5.0	4.0	4.0
(W) 260-280	2.8	1.1	.3	.3								4.5	5.2	3.0
290-310	2.0	3.4	1.1	.2								6.7	6.3	5.0
320-340	4.5	3.6	2.8	.8								11.6	7.4	6.0
VARIABLE														
CALM	////////////////////////////////////											12.2	////////////////////////////////	
TOTALS	45.0	33.6	7.5	2.0								100.0	4.7	4.0

TOTAL NUMBER OF OBSERVATIONS 646

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAP MO  
 LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
 MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	4.1	.9									9.5	5.4	5.0
020-040	4.3	3.7	.1									8.2	4.9	4.0
050-070	2.9	1.3	.3									4.5	5.0	4.0
(E) 080-100	1.7	1.6	.3									3.6	5.2	5.0
110-130	1.3	2.1	.1									3.6	4.9	5.0
140-160	3.3	7.8	1.8	.1								13.0	6.5	6.0
(S) 170-190	1.2	4.3	3.6									9.1	8.4	8.0
200-220	1.1	4.6	1.7	.8	.1							8.3	8.6	8.0
230-250	1.7	4.5	.8		.1							7.1	6.7	6.0
(W) 260-280	1.3	1.6	1.3	.3								4.5	7.3	7.0
290-310	2.5	4.5	2.2	.4								9.6	7.4	7.0
320-340	2.8	5.1	4.0	1.4	.1							13.4	8.7	8.0
VARIABLE														
CALM	////////////////////////////////////											5.7	////////////////////////////////	
TOTALS	28.6	45.2	17.1	3.0	.3							100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 759

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 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	3.1	4.0	1.1	.1								8.3	6.1	6.0
020-040	3.9	3.1	.4									7.4	4.9	4.0
050-070	2.1	2.1	.6									4.9	5.4	5.0
(E) 080-100	1.3	1.3	.2									2.9	4.9	5.0
110-130	1.1	1.4	.4									2.9	6.4	6.0
140-160	1.4	4.3	1.4	.2								7.4	7.3	7.0
(S) 170-190	1.0	4.0	3.2	1.1	.1							9.4	9.4	9.0
200-220	1.3	5.9	4.3	1.0	.2							12.7	9.2	9.0
230-250	1.7	3.4	2.1	.6		.2						8.1	8.6	8.0
(W) 260-280	.8	2.7	2.0	.4								5.9	8.4	8.0
290-310	2.6	5.4	3.3	.6								11.9	8.0	8.0
320-340	2.4	5.2	3.6	1.7	.1							13.0	8.8	8.0
VARIABLE														
CALM	////////////////////											5.4	////	////
TOTALS	22.7	42.8	22.6	5.7	.4	.2						100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 841

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
 MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	4.8	1.1	.1								9.7	5.9	6.0
020-040	5.8	3.9	.3									10.0	4.6	4.0
050-070	1.9	2.0	.6									4.6	5.8	6.0
(E) 080-100	2.0	.5										2.5	3.9	4.0
110-130	2.2	1.3	.3									3.7	4.8	4.0
140-160	1.8	2.9	2.4	.1								7.2	7.4	7.0
(S) 170-190	1.9	4.4	3.4	.6								10.4	8.6	8.0
200-220	.9	3.3	2.2	.1	.1							6.6	8.9	8.0
230-250	1.6	4.6	3.0	.4								9.6	8.1	8.0
(W) 260-280	1.8	3.7	1.8		.3	.1						7.6	7.7	7.0
290-310	2.4	5.3	2.8	.5	.1							11.1	8.0	8.0
320-340	2.4	5.3	4.2	.8	.3							12.9	8.5	8.0
VARIABLE														
CALM	////////////////////////////////////											4.1	////////////////////////////////	
TOTALS	28.4	42.0	22.1	2.6	.8	.1						100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 790

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/PORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 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	5.3	5.3	.9									11.5	5.1	5.0
020-040	3.2	2.4	.7									6.4	5.2	4.0
050-070	3.5	1.9	.4									5.8	4.6	3.0
(E) 080-100	3.1	.4										3.5	3.0	3.0
110-130	1.8	1.8	.1									3.7	4.6	5.0
140-160	4.1	3.9	1.5									9.5	5.8	5.0
(S) 170-190	4.6	3.9	2.0	.3								10.8	6.3	5.0
200-220	1.5	1.8	.1									3.4	4.9	5.0
230-250	2.7	1.6	.8									5.1	5.5	4.0
(W) 260-280	3.4	2.2	.4									6.0	5.0	4.0
290-310	3.1	3.9	1.5		.4							8.9	6.8	6.0
320-340	3.2	5.1	2.3	.3								11.0	6.9	6.0
VARIABLE														
CALM	////////////////////////////////////										14.5	////////////////////////////////		
TOTALS	39.5	34.2	10.7	.6	.4							100.0	4.8	5.0
TOTAL NUMBER OF OBSERVATIONS 739														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	3.2	2.7									9.7	6.3	6.0
020-040	2.7	3.8										6.5	5.2	5.5
050-070	3.8	1.1										4.9	3.7	3.0
(E) 080-100	1.6	.5										2.2	3.3	2.0
110-130	3.8	2.7										6.5	4.1	4.0
140-160	3.2	2.7	1.1									7.0	6.2	6.0
(S) 170-190	1.1	4.9	3.2	.5								9.7	8.5	7.0
200-220	1.6	1.1	1.1									3.8	6.0	5.0
230-250	3.8	1.6										5.4	3.7	2.5
(W) 260-280	2.2	4.3	.5									7.0	5.4	6.0
290-310	2.7	1.6	.5									4.9	5.8	4.0
320-340	4.3	4.9	4.9	.5								14.6	7.7	8.0
VARIABLE														
CALM	////////////////////////////////////											17.8	////////////////////////////////	
TOTALS	34.6	32.4	14.0	1.0								100.0	4.9	6.0

TOTAL NUMBER OF OBSERVATIONS 185

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN % WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	4.3	4.3	1.0	.1								9.6	5.5	5.0
020-040	4.0	3.3	.4									7.7	4.9	4.0
050-070	2.8	1.7	.4									5.0	4.9	4.0
(E) 080-100	2.0	.9	.1									3.0	4.1	4.0
110-130	2.1	1.6	.2									4.0	4.7	4.0
140-160	3.4	5.4	1.6	.1								10.6	6.4	6.0
(S) 170-190	2.3	4.0	2.7	.5	.0							9.4	7.8	8.0
200-220	1.5	3.4	1.8	.5	.1							7.3	8.2	8.0
230-250	2.2	3.2	1.4	.2	.0	.1						7.0	7.0	6.0
(W) 260-280	2.0	2.4	1.2	.2	.1	.0						5.8	6.8	6.0
290-310	2.6	4.4	2.2	.3	.1							9.6	7.4	7.0
320-340	3.1	4.9	3.5	1.0	.1							12.5	8.1	8.0
VARIABLE														
CALM	////////////////////											8.6	////////////////	
TOTALS	32.3	39.5	16.5	2.9	.4	.1						100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 3960

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	6.5	9.1	1.6									17.2	5.4	5.0
020-040	4.7	5.4	1.3									11.4	6.0	5.5
050-070	3.7	3.1	1.5									8.2	5.7	5.0
(E) 080-100	2.3	1.5	.4									4.3	4.9	4.0
110-130	2.3	1.3	.1									3.8	5.0	4.0
140-160	1.9	3.2	.6									5.7	6.0	6.0
(S) 170-190	1.6	2.9	1.3	.1								6.0	7.3	7.0
200-220	.7	.3	.3	.1								1.5	7.1	4.5
230-250	1.3	.9	.7	.1								3.1	6.6	5.0
(W) 260-280	1.5	1.5	.4									3.4	5.3	5.0
290-310	2.8	5.7	1.9									10.4	6.8	6.0
320-340	5.0	7.8	3.8	.7								17.3	7.3	6.0
VARIABLE														
CALM	////////////////////////////////////											7.8	////////////////////////////////	
TOTALS	34.3	42.7	13.9	1.0								100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 682

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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
(W) 350-010	2.2	2.9	.3									5.4	5.6	6.0
020-040	2.1	1.5	.7									4.3	5.9	6.0
050-070	3.5	1.9										5.4	4.2	4.0
(E) 080-100	2.5	1.9	.3									4.7	4.8	4.0
110-130	3.6	3.1	1.1									7.8	5.4	5.0
140-160	7.0	8.6	3.9	.3								19.8	6.6	6.0
(S) 170-190	2.6	2.9	4.0	.6	.6							10.7	9.1	9.0
200-220	.8	1.8	1.8	1.0								5.4	9.7	10.0
230-250	1.4	1.7	1.1	.4								4.6	7.6	6.0
(W) 260-280	1.7	.8	1.1									3.6	6.2	5.0
290-310	2.8	3.3	1.0	.6								7.7	6.7	6.0
320-340	1.8	4.3	2.6	.1								8.9	7.6	8.0
VARIABLE														
CALM	////////////////////////////////////										11.6	////////////////////////////////		
TOTALS	32.0	34.7	17.9	3.0	.6							100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 718

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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	3.0	1.2									5.6	7.0	7.0
020-040	3.9	3.2	.4									7.5	5.1	4.0
050-070	2.7	2.1	.6									5.5	5.0	4.5
(E) 080-100	2.3	1.5	.4									4.2	5.0	4.0
110-130	1.7	2.9	1.0									5.5	6.3	6.0
140-160	2.7	6.1	4.4	1.0								14.1	8.1	8.0
(S) 170-190	1.9	2.6	5.0	1.3	.6							11.4	10.4	10.0
200-220	.5	2.9	4.9	1.7	.8							10.7	11.5	11.5
230-250	1.4	2.9	2.9	.8	.2							8.2	9.3	9.0
(W) 260-280	1.3	1.7	2.0	.4								5.4	6.1	8.0
290-310	.8	3.1	2.9	.5								7.3	9.1	9.0
320-340	1.4	4.9	3.7	.2								10.2	8.2	8.0
VARIABLE														
CALM	////////////////////											4.5	////	////
TOTALS	22.0	36.9	29.4	5.9	1.6							100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 841

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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
(M) 350-010	2.7	3.6	1.2	.1								7.6	6.0	6.0
020-040	2.1	3.6	.5									6.2	5.9	6.0
050-070	2.1	2.1										4.1	4.4	4.5
(E) 080-100	1.1	1.8	.3									3.3	5.9	6.0
110-130	1.2	2.3	1.6	.3								5.4	8.0	7.5
140-160	1.6	3.0	3.8	1.0	.2							9.7	9.5	10.0
(S) 170-190	.3	2.1	4.7	2.6	.7	.1						10.4	12.5	12.5
200-220	1.6	2.5	5.9	1.1	.8	.1						11.9	10.8	10.0
230-250	1.6	3.3	3.3	.8	.4							9.3	9.3	8.5
(W) 260-280	.7	2.8	2.6	1.0								7.0	9.7	10.0
290-310	.9	3.3	3.6	1.0								8.7	9.7	10.0
320-340	1.4	6.0	4.6	.3								12.3	8.2	8.0
VARIABLE														
CALM	////////////////////////////////////											4.1	////////////////////////////////	
TOTALS	17.3	36.4	32.1	8.2	2.1	.2						100.0	8.5	8.0
TOTAL NUMBER OF OBSERVATIONS 922														

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 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	3.8	1.3									7.4	6.3	6.0
020-040	2.8	3.4	.7									6.9	5.5	5.0
050-070	1.7	2.2										3.9	4.5	5.0
(E) 080-100	1.4	1.9	.1									3.4	5.2	5.0
110-130	1.3	2.0	.8	.1	.2							4.4	7.2	7.0
140-160	1.6	3.5	5.3	.7	.1							11.3	9.3	10.0
(S) 170-190	.7	2.3	6.6	1.0	.6	.1						11.4	11.4	12.0
200-220	1.3	2.3	4.8	.9	.3							9.6	10.2	10.0
230-250	.5	3.0	2.1	1.0	.5							7.1	10.3	10.0
(W) 260-280	.5	1.5	2.9	.8	.3							6.0	10.9	10.0
290-310	1.0	4.3	3.5	.8								9.6	8.9	9.0
320-340	3.3	7.3	4.4									15.0	7.5	8.0
VARIABLE														
CALM	////////////////////////////////////											3.9	////////////////////////////////	
TOTALS	18.4	37.5	32.5	5.3	2.0	.1						100.0	8.2	8.0
TOTAL NUMBER OF OBSERVATIONS 861														

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO 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	5.4	3.0	.6									9.0	4.4	3.0
020-040	3.1	3.1	.6									6.9	5.2	5.0
050-070	3.5	2.6	.4									6.5	4.8	4.0
(E) 080-100	1.1	1.3	.2	.1	.1							2.9	6.2	5.5
110-130	1.6	1.7	1.4									4.7	6.9	8.0
140-160	3.2	5.6	4.6	1.0		.1						14.5	8.3	8.0
(S) 170-190	2.6	3.8	3.7	1.0	.2							11.4	8.5	8.0
200-220	1.8	1.8	1.3	.4	.1							5.4	7.6	7.0
230-250	1.9	.7	1.0	.1								3.7	5.9	4.0
(W) 260-280	1.3	2.4	1.8	.4	.1							6.0	8.3	8.0
290-310	1.7	2.8	1.7									6.1	7.0	7.0
320-340	4.4	4.3	1.3	.4	.2							10.7	6.2	6.0
VARIABLE														
CALM	////////////////////											12.1	////////////////	
TOTALS	31.6	33.1	18.6	3.4	.7	.1						100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 832

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	1.0	.5									5.8	4.1	3.5
020-040	3.4	1.5										4.9	4.1	4.0
050-070	2.9	1.9	.5									5.3	5.2	4.0
(E) 080-100	2.4	1.9	1.0									5.3	5.3	5.0
110-130	1.9	1.5	.5									3.9	5.4	4.5
140-160	3.9	7.3	6.3									17.5	7.6	8.0
(S) 170-190	1.5	3.9	5.3	1.5	.5							12.6	10.0	10.0
200-220	4.4	1.9	.5	1.5	.5							8.7	7.4	5.0
230-250	1.9		.5									2.4	3.6	2.0
(W) 260-280	1.0	2.4	2.4	.5								6.3	8.8	8.0
290-310	1.5	1.9	.5									3.9	5.4	5.5
320-340	2.4	2.4	2.4									7.3	6.4	7.0
VARIABLE														
CALM	////////////////////											16.0	////	////
TOTALS	31.6	27.6	20.4	3.5	1.0							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 206

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: PT LEONARD WOOD/FORNEY AAF MO  
 LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
 MONTH: MAR 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	2.9	3.2	.9	.0								7.0	5.7	6.0
020-040	2.8	2.9	.5									6.3	5.4	5.0
050-070	2.7	2.2	.2									5.1	4.6	4.0
(E) 080-100	1.7	1.7	.3	.0	.0							3.7	5.3	5.0
110-130	1.8	2.3	1.2	.1	.0							5.4	6.7	6.0
140-160	3.1	5.3	4.5	.8	.1	.0						13.8	8.1	8.0
(S) 170-190	1.6	2.8	4.9	1.3	.5	.0						11.1	10.4	10.0
200-220	1.4	2.3	3.7	1.0	.4	.0						8.8	10.2	10.0
230-250	1.4	2.2	2.0	.6	.2							6.5	8.8	8.0
(W) 260-280	1.1	1.9	2.1	.5	.1							5.7	9.0	9.0
290-310	1.4	3.3	2.5	.5								7.7	8.4	8.0
320-340	2.5	5.3	3.3	.2	.0							11.3	7.5	8.0
VARIABLE														
CALM	////////////////////											7.5	////	////
TOTALS	24.4	35.4	26.1	5.0	1.3							100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 4380

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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	3.1	6.0	2.7									11.8	6.9	7.0
020-040	2.2	6.0	1.6									9.9	6.8	7.0
050-070	3.1	4.8	1.0									9.0	5.9	6.0
(E) 080-100	1.5	2.4	1.0	.1	.1							5.2	7.2	7.0
110-130	1.0	3.4	3.4	.3	.1							8.4	8.9	8.0
140-160	1.8	3.4	5.5	.4								11.2	8.9	10.0
(S) 170-190	.6	1.3	2.8	.7								5.5	10.1	10.0
200-220	.3	.6	.3	.1								1.3	8.1	6.0
230-250	.9	1.3	.6									2.8	6.4	7.0
(W) 260-280	.4	1.8	3.6	.1								6.0	9.3	10.0
290-310	1.3	4.6	3.1	.3								9.4	8.0	8.0
320-340	2.7	8.5	4.2	.1								15.5	7.6	8.0
VARIABLE														
CALM	////////////////////											4.0	////	////
TOTALS	18.9	44.1	29.8	2.1	.2							100.0	7.5	8.0

TOTAL NUMBER OF OBSERVATIONS 670

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 LST TO UTC: + 6

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010	.9	1.9											2.8	6.3	6.0
020-040	.9												.9	4.0	4.0
050-070	.9												.9	4.0	4.0
(E) 080-100	3.8		.9										4.7	4.0	2.0
110-130	8.5	2.8	.9										12.3	4.8	4.0
140-160	10.4	3.8	.9										15.1	4.7	4.0
(S) 170-190	6.6	1.9	1.9										10.4	5.4	4.0
200-220	6.6	2.8											9.4	3.8	3.5
230-250	4.7	1.9											6.6	3.4	4.0
(W) 260-280	1.9	3.8											5.7	6.2	7.0
290-310	3.8	3.8	.9										8.5	5.8	5.0
320-340	4.7	.9											5.7	3.7	3.5
VARIABLE															
CALM	////////////////////											17.0	////////////////		
TOTALS	53.7	23.6	5.5										100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 106

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 LST TO UTC: + 6

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	3.4	.7									6.0	5.6	6.0
020-040	1.5	1.5	.1	.1								3.3	5.8	5.0
050-070	1.6	.7										2.3	3.7	4.0
(E) 080-100	2.1	1.6	.3									4.0	4.9	4.0
110-130	4.1	4.3	.4									8.8	5.1	5.0
140-160	6.6	6.3	2.2									15.1	6.0	5.0
(S) 170-190	2.7	4.7	3.8	.1								11.4	7.9	8.0
200-220	4.5	3.3	1.1									8.9	5.3	4.0
230-250	3.7	2.3	.5	.1								6.7	5.0	4.0
(W) 260-280	3.2	3.0	1.4	.7								8.2	6.9	6.0
290-310	1.4	2.9	1.0		.3							5.5	7.4	8.0
320-340	3.0	4.5	2.5	.1								10.2	6.9	6.0
VARIABLE														
CALM	////////////////////////////////////											9.5	////////////////////////////////	
TOTALS	36.3	38.5	14.0	1.1	.3							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 728

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457    STATION NAME: FT LEONARD WOOD/PORNEY AAF MO    PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6    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	2.0	3.7	1.9	.1								7.7	6.8	6.0
020-040	1.9	2.6	.5									5.0	5.8	6.0
050-070	2.7	1.0										3.7	4.1	4.0
(E) 080-100	2.7	1.9	.4									5.0	5.0	4.0
110-130	2.3	3.9	1.7									7.8	6.9	7.5
140-160	1.5	4.6	4.3	.1	.1							10.7	8.5	8.0
(S) 170-190	.6	3.0	5.3	1.4	.2							10.6	11.1	12.0
200-220	1.7	4.0	4.2	1.4	.1							11.4	9.2	9.5
230-250	1.9	2.1	2.1	.5	.1							6.8	8.5	8.0
(W) 260-280	1.4	3.0	2.6	.8	.2							8.1	9.4	9.0
290-310	1.9	2.9	3.4	.6	.1	.1						9.0	9.0	9.0
320-340	1.0	5.2	5.1	.2	.1							11.6	9.1	8.5
VARIABLE														
CALM	////////////////////////////////////											2.6	////////////////////////////////	
TOTALS	21.6	37.9	31.5	5.1	.9	.1						100.0	8.1	8.0
TOTAL NUMBER OF OBSERVATIONS    842														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

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

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DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	3.7	1.6	.1								7.8	6.3	6.0
020-040	2.2	3.5	.7	.1								6.5	5.8	5.5
050-070	2.6	1.5	.1									4.1	4.5	4.0
(E) 080-100	2.1	1.6										3.7	4.5	4.0
110-130	1.5	2.7	.9	.1								5.1	6.8	7.0
140-160	2.1	3.0	2.2	.6	.2							8.1	8.2	8.0
(S) 170-190	1.5	3.6	5.8	3.1	.1							14.1	11.0	12.0
200-220	1.0	4.1	5.0	1.0	.2							11.4	9.8	10.0
230-250	1.3	2.1	2.3	.7	.4							6.9	9.6	9.5
(W) 260-280	1.3	2.8	3.8	.7	.4	.1						9.2	9.9	10.0
290-310	1.0	2.7	3.6	.7	.2							8.1	9.8	10.0
320-340	1.5	4.8	5.1	1.6								12.9	9.4	10.0
<hr/>														
VARIABLE														
CALM	////////////////////////////////////											2.0		
TOTALS	20.6	36.1	31.1	8.7	1.5	.1						100.0	8.5	8.0

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TOTAL NUMBER OF OBSERVATIONS 896

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 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	2.8	4.3	1.3	.1								8.6	6.7	6.0
020-040	3.1	3.2	.4									6.6	5.0	5.0
050-070	3.3	1.5										4.8	3.7	4.0
(E) 080-100	1.2	1.7	.6									3.5	6.1	6.0
110-130	1.5	2.8	.6									4.9	6.2	6.0
140-160	1.8	3.8	1.8	.2								7.7	7.4	8.0
(S) 170-190	1.3	4.3	7.6	2.3	.1	.1						15.8	10.8	11.0
200-220	1.0	3.2	3.5	.6	.2							8.6	9.5	10.0
230-250	2.1	2.0	2.3	.6	.1							7.1	8.2	8.0
(W) 260-280	1.6	2.8	3.1	.4	.5							8.3	9.0	8.5
290-310	1.2	3.5	4.2	.5	.1							9.5	9.0	9.5
320-340	1.8	4.4	4.9	1.0	.2							12.3	9.1	9.0
VARIABLE														
CALM	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	2.3	////////////////////////////////////	////////////////////////////////////
TOTALS	22.7	37.5	30.3	5.7	1.2	.1						100.0	8.0	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: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
 MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.6	4.6	1.0									11.1	5.3	4.5
020-040	3.2	1.4										4.6	4.0	4.0
050-070	3.7	1.6	.3									5.6	4.1	4.0
(E) 080-100	2.8	1.1	.1									4.0	4.0	3.0
110-130	3.2	2.4	.5									6.1	5.0	4.0
140-160	3.5	7.1	3.2	.4								14.2	7.1	7.0
(S) 170-190	3.3	3.8	3.4	.4	.1							11.0	7.6	7.0
200-220	2.1	1.0	.9	.1	.1							4.3	6.5	4.5
230-250	2.5	2.8	.9		.1							6.3	6.1	5.0
(W) 260-280	2.3	1.1	1.0									4.4	5.5	4.0
290-310	1.3	3.3	2.3	.5								7.3	8.4	8.0
320-340	3.7	3.5	1.5	.5								9.2	6.6	6.0
VARIABLE														
CALM	////////////////////////////////////											11.9	////////////////////////////////	
TOTALS	37.2	33.7	15.1	1.9	.3							100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 791

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/PORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.6	1.3	2.6									6.6	6.8	8.0
020-040														
050-070														
(E) 080-100	6.6											6.6	2.8	3.0
110-130	2.6	2.6	2.6									7.9	6.5	6.5
140-160	9.2	1.3	3.9									14.5	5.5	4.0
(S) 170-190	3.9	9.2	6.6	1.3								21.1	7.8	6.5
200-220	5.3	1.3	1.3									7.9	5.2	3.5
230-250	1.3	1.3	1.3									3.9	6.0	6.0
(W) 260-280		2.6	1.3									3.9	8.7	8.0
290-310														
320-340	3.9	3.9	2.6									10.5	6.4	6.5
VARIABLE														
CALM	////////////////////////////////////										17.1	///////		
TOTALS	35.4	23.5	22.2	1.3								100.0	5.2	6.0

TOTAL NUMBER OF OBSERVATIONS 76

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO 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	2.9	3.8	1.3	.1								8.1	6.1	6.0
020-040	2.3	2.4	.3	.0								5.1	5.3	5.0
050-070	2.7	1.2	.1									4.0	4.1	4.0
(E) 080-100	2.3	1.5	.3									4.1	4.8	4.0
110-130	2.6	3.2	.9	.0								6.6	6.0	6.0
140-160	3.3	4.8	2.7	.3	.1							11.2	7.2	7.0
(S) 170-190	2.0	3.9	5.2	1.5	.1	.0						12.7	9.8	10.0
200-220	2.2	3.1	2.9	.6	.1							9.0	8.3	8.0
230-250	2.3	2.2	1.6	.4	.2							6.7	7.5	6.0
(W) 260-280	1.9	2.6	2.3	.5	.2	.0						7.6	8.5	8.0
290-310	1.4	3.0	2.8	.4	.1	.0						7.8	8.8	9.0
320-340	2.2	4.4	3.8	.7	.1							11.2	8.3	8.0
VARIABLE														
CALM	////////////////////											5.9	////	////
TOTALS	28.1	36.1	24.2	4.5	.9							100.0	7.1	7.0
TOTAL NUMBER OF OBSERVATIONS 4257														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	3.1	4.8	2.1									9.9	6.2	5.5
020-040	3.7	2.9	.6									7.2	4.9	4.0
050-070	5.6	1.9										7.5	3.7	4.0
(E) 080-100	5.8	2.7	.2									8.7	4.1	4.0
110-130	2.7	5.6	.4									8.7	6.0	6.0
140-160	2.5	2.5	2.5	.6	.4							8.5	8.9	8.0
(S) 170-190	.4	.6	1.2	1.2	.2							3.7	11.9	10.5
200-220	.8	1.7	.8	.2								3.5	7.7	8.0
230-250	.2	1.7	2.9									4.8	9.9	10.0
(W) 260-280	.8	3.5	2.3									6.6	7.8	8.0
290-310	1.4	4.8	4.1		1.0	.2						11.6	9.9	9.0
320-340	2.5	7.9	3.9	1.9	.2							16.4	8.6	8.0
VARIABLE														
CALM	////////////////////////////////////											2.9	////////////////////////////////	
TOTALS	29.5	40.6	21.0	3.9	1.8	.2						100.0	7.1	6.0

TOTAL NUMBER OF OBSERVATIONS 483

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
 MONTH: MAY 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	3.2	1.1										4.3	3.5	3.5
020-040	1.6	1.1										2.7	4.0	3.0
050-070	.5											.5	4.0	4.0
(E) 080-100	3.2	.5	.5									4.3	3.8	2.5
110-130	9.1	1.1										10.2	2.9	3.0
140-160	19.3	5.9	.5									25.7	3.9	4.0
(S) 170-190	2.7	2.7	2.1									7.5	7.1	6.5
200-220	1.6	1.6	.5									3.7	5.4	6.0
230-250	4.3	.5	.5									5.3	4.5	4.0
(W) 260-280	2.1	4.8	.5									7.5	5.6	6.0
290-310	2.7	.5										3.2	3.8	3.5
320-340	2.7	1.1										3.7	3.6	3.0
VARIABLE														
CALM	////////////////////////////////////											21.4	////////////////////////////////	
TOTALS	53.0	20.9	4.6									100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 187

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	1.0	.1									3.8	4.0	4.0
020-040	3.6	1.1	.1									4.8	3.6	3.0
050-070	2.2	.5										2.7	3.2	3.0
(E) 080-100	3.6	.7										4.3	3.2	3.0
110-130	6.9	3.1	.1									10.1	4.0	4.0
140-160	9.2	9.4	1.0									19.6	5.0	5.0
(S) 170-190	4.4	5.3	2.8	.6								13.2	7.0	6.0
200-220	2.6	3.7	1.4	.1								7.8	6.3	6.0
230-250	3.8	2.3	.4									6.5	4.6	4.0
(W) 260-280	2.3	1.2	1.5									5.0	6.0	5.0
290-310	2.2	2.1	.6	.1								5.0	5.9	5.0
320-340	2.5	1.5	1.0									4.9	5.9	4.5
VARIABLE														
CALM	////////////////////////////////////											12.2	////////////////////////////////	
TOTALS	46.0	31.9	9.0	.8								100.0	4.5	4.0

TOTAL NUMBER OF OBSERVATIONS 812

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 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	2.3	1.6	.2									4.1	4.5	4.0
020-040	2.3	2.2	.1									4.6	4.5	4.5
050-070	3.1	.5	.1									3.7	3.6	3.5
(E) 080-100	2.9	1.1										4.0	3.9	4.0
110-130	3.6	3.8	.7									8.0	5.2	5.0
140-160	3.6	6.7	1.0	.2								11.5	6.0	6.0
(S) 170-190	2.3	7.5	5.1	.9								15.7	8.4	8.0
200-220	2.6	3.9	4.9	.8	.2	.2						12.8	9.4	9.0
230-250	1.8	3.1	1.5	.2								6.7	7.1	6.5
(W) 260-280	2.6	2.5	1.6									6.8	6.4	6.0
290-310	2.9	3.8	2.2		.1							9.0	7.1	7.0
320-340	2.3	3.9	.6	.3								7.1	6.3	6.0
VARIABLE														
CALM	////////////////////											6.0	////	////
TOTALS	32.3	40.6	18.0	2.4	.3	.2						100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 870

OPERATING LOCATION "A"  
SAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
N) 350-010	3.0	2.9	.3									6.2	5.3	5.0
020-040	3.0	1.9		.1								5.1	4.6	4.0
050-070	2.2	1.9										4.1	4.6	4.0
E) 080-100	3.1	1.2										4.3	3.7	3.0
110-130	3.0	2.3	1.2									6.5	5.7	5.0
140-160	3.9	4.8	2.5	.3								11.5	6.8	6.0
S) 170-190	2.6	5.3	6.0	1.5	.4							15.8	9.4	10.0
200-220	1.8	6.5	6.2	.5	.1							15.2	8.9	9.0
230-250	1.4	2.4	2.0									5.8	7.6	7.5
W) 260-280	1.5	2.3	2.4									6.1	7.7	8.0
290-310	1.5	2.8	2.6	.2								7.1	8.0	8.0
320-340	2.3	3.7	2.3	.1	.1							8.4	7.2	6.0
VARIABLE														
CALM	////////////////////////////////////											4.0	////////////////////////////////	
TOTALS	29.3	38.0	25.5	2.7	.6							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: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
 MONTH: MAY 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	3.8	3.9	1.0									8.7	5.2	5.0
020-040	3.7	2.3										6.0	4.2	4.0
050-070	4.2	1.8										6.0	3.9	4.0
(E) 080-100	2.4	.6	.1									3.1	3.6	3.0
110-130	2.9	2.9	.1									5.8	4.7	5.0
140-160	3.8	6.0	2.4	.4	.1							12.6	7.0	6.0
(S) 170-190	2.9	6.8	5.5	.7	.4							16.2	8.6	8.0
200-220	1.4	4.9	4.2	.5	.2	.1						11.3	9.1	8.0
230-250	1.3	2.3	1.4	.2								5.2	7.5	7.0
(W) 260-280	1.3	2.9	2.1	.1								6.4	7.9	8.0
290-310	2.4	3.9	1.4	.4								8.1	6.9	6.0
320-340	2.6	3.2	1.9									7.7	6.5	6.0
VARIABLE														
CALM	////////////////////////////////////										2.9	////////////////////////////////		
TOTALS	32.7	41.5	20.1	2.3	.7	.1						100.0	6.6	6.0
TOTAL NUMBER OF OBSERVATIONS 840														

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 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	5.0	2.9										7.9	3.9	3.0
020-040	3.6	.7										4.3	3.1	3.0
050-070	5.1	.7	.1									5.9	3.0	2.0
(E) 080-100	3.5	.5										4.0	3.0	2.0
110-130	6.6	1.6	.1	.1								8.4	3.7	3.0
140-160	9.0	6.2	1.3	.1								16.6	5.1	4.0
(S) 170-190	6.0	7.2	2.3	.1	.1							15.8	6.3	6.0
200-220	1.3	1.7	.5	.3								3.9	6.6	6.0
230-250	2.0	.9	.3	.1								3.3	5.1	4.0
(W) 260-280	1.6	1.3		.1								3.1	4.9	4.0
290-310	1.7	2.3	1.2									5.2	6.4	6.0
320-340	2.4	1.5	.8	.1								4.8	5.6	4.5
VARIABLE														
CALM	////////////////////////////////////											16.7	////////////////////////////////	
TOTALS	47.8	27.5	6.6	.9	.1							100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 747

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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	4.5											4.5	2.0	2.0
020-040	4.5											4.5	1.0	1.0
050-070	4.5											4.5	2.0	2.0
(E) 080-100	4.5											4.5	4.0	4.0
110-130	9.1	4.5										13.6	3.7	4.0
140-160	18.2											18.2	2.3	2.0
(S) 170-190														
200-220		4.5										4.5	6.0	6.0
230-250	4.5											4.5	2.0	2.0
(W) 260-280														
290-310														
320-340	4.5											4.5	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											36.4	////////////////////////////////	
TOTALS	54.3	9.0										100.0	1.9	2.0

TOTAL NUMBER OF OBSERVATIONS 22

OPERATING LOCATION "A"  
 ISAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
 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	3.3	2.4	.3									6.0	4.6	4.0
020-040	3.2	1.6	.0	.0								4.9	4.1	4.0
050-070	3.2	1.0	.0									4.3	3.7	3.0
(E) 080-100	3.1	.8	.0									4.0	3.5	3.0
110-130	4.7	2.7	.5	.0								7.8	4.5	4.0
140-160	6.4	6.5	1.6	.2	.0							14.7	5.7	5.0
(S) 170-190	3.5	6.2	4.3	.8	.2							15.0	8.0	8.0
200-220	2.0	4.1	3.4	.4	.1	.1						10.1	8.5	8.0
230-250	2.2	2.2	1.1	.1								5.6	6.4	6.0
(W) 260-280	1.9	2.2	1.5	.0								5.6	6.8	6.0
290-310	2.2	2.9	1.6	.1	.0							6.8	6.9	6.0
320-340	2.4	2.7	1.3	.1	.0							6.6	6.4	6.0
VARIABLE														
CALM	////////////////////											8.7	////	////
TOTALS	38.1	35.3	15.6	1.7	.3	.1						100.0	5.7	5.0

TOTAL NUMBER OF OBSERVATIONS 4408

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 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	7.2	5.7	.6									13.4	4.8	4.0
020-040	6.6	2.1										8.7	3.6	3.0
050-070	5.7	.6										6.3	3.1	3.0
(E) 080-100	3.6	1.8	.3									5.7	4.5	4.0
110-130	4.8	3.6	.3									8.7	4.6	4.0
140-160	5.1	7.2	1.2	1.2								14.6	6.5	6.0
(S) 170-190	1.2	1.8	1.8	.3								5.1	8.1	8.0
200-220	.6	1.5										2.1	5.1	5.0
230-250	1.8	1.5	.9									4.2	6.1	6.0
(W) 260-280	1.8	1.2	1.5									4.5	6.7	7.0
290-310	2.1	4.5	1.8	.3								8.7	7.4	7.0
320-340	1.8	4.5	1.8									8.1	6.9	7.0
VARIABLE														
CALM	////////////////////////////////////											10.1	////////////////////////////////	
TOTALS	42.3	36.0	10.2	1.8								100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 335

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAP MO PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 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	2.2	.6										2.8	3.8	4.0
020-040	1.1	.6										1.7	4.0	2.0
050-070	2.2											2.2	2.3	2.0
(E) 080-100	2.2											2.2	2.0	2.0
110-130	6.1	1.1										7.3	3.1	3.0
140-160	16.8	3.9										20.7	3.4	3.0
(S) 170-190	6.7	2.8		.6								10.1	4.5	3.0
200-220	3.9	.6										4.5	2.9	2.0
230-250	5.0	2.2										7.3	4.2	4.0
(W) 260-280	1.1	.6										1.7	4.0	3.0
290-310	1.7											1.7	2.7	3.0
320-340	1.7	.6										2.2	3.5	2.0
VARIABLE														
CALM	////////////////////////////////////											35.8	////////////////////////////////	
TOTALS	50.7	13.0		.6								100.0	2.3	3.0

TOTAL NUMBER OF OBSERVATIONS 179

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	1.9	1.7										3.6	4.0	4.0
020-040	2.4	1.1										3.6	3.8	4.0
050-070	1.9	.3										2.2	3.1	3.0
(E) 080-100	2.6	.4										2.9	3.1	3.0
110-130	5.6	1.0	.1									6.8	3.5	3.0
140-160	14.2	6.0	.1									20.3	3.8	4.0
(S) 170-190	5.0	3.3	1.5	.1								10.0	5.5	4.5
200-220	6.1	5.0	.9									12.0	5.1	4.0
230-250	5.2	2.2	.3									7.7	4.1	4.0
(W) 260-280	2.4	1.3	.3									4.0	4.6	4.0
290-310	2.7	1.3	.3									4.2	4.3	4.0
320-340	2.6	1.5										4.1	3.9	4.0
VARIABLE														
CALM	////////////////////											18.8	////	////
TOTALS	52.6	25.1	3.5	.1								100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 783

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 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	2.7	2.5										5.3	4.5	4.0
020-040	2.5	2.5										5.0	4.5	4.5
050-070	3.3	.4										3.7	3.2	3.0
(E) 080-100	3.6	.6										4.2	3.2	3.0
110-130	4.4	1.0										5.4	3.3	3.0
140-160	5.0	5.1	.5									10.6	4.8	5.0
(S) 170-190	4.3	6.9	3.0	.1	.1							14.4	7.0	6.0
200-220	5.0	6.9	3.8	.1	.1							16.0	6.8	6.0
230-250	3.6	3.7	1.2									8.5	5.8	5.0
(W) 260-280	3.5	2.3	.7									6.4	5.1	4.0
290-310	3.1	2.1	1.0									6.2	5.7	4.5
320-340	2.0	2.9	.5									5.4	5.6	6.0
VARIABLE														
CALM	////////////////////////////////////											8.9	////////////////////////////////	
TOTALS	43.0	36.9	10.7	.2	.2							100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 838

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 LST TO UTC: + 6

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	1.4	.2									4.3	4.2	4.0
020-040	3.9	2.6	.2									6.7	4.4	4.0
050-070	4.1	1.6	.1									5.8	3.6	3.0
(E) 080-100	3.1	.8	.1									4.0	3.7	3.5
110-130	2.4	2.3	.1									4.9	4.7	4.5
140-160	4.6	4.0	.7	.1								9.3	5.2	5.0
(S) 170-190	3.3	7.8	3.9	.2								15.2	7.5	7.0
200-220	3.0	7.2	3.3	.2								13.8	7.2	7.0
230-250	3.3	3.8	1.6	.1								8.8	6.1	5.0
(W) 260-280	3.4	2.1	.7									6.2	4.8	4.0
290-310	1.9	3.0	1.1	.1								6.1	7.0	8.0
320-340	3.1	3.7	.8									7.6	5.8	6.0
VARIABLE														
CALM	////////////////////////////////////											7.3	////////////////////////////////	
TOTALS	38.8	40.3	12.8	.7								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: 724457 STATION NAME: FT LEONARD WOOD/PORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	4.8	2.4	.4									7.6	4.2	4.0
020-040	2.5	2.1										4.6	4.6	4.0
050-070	4.6	1.0										5.6	3.3	3.0
(E) 080-100	3.3	.6										4.0	3.4	4.0
110-130	5.0	1.1										6.1	3.7	4.0
140-160	6.2	6.1	1.1									13.4	5.2	5.0
(S) 170-190	4.8	7.3	4.6	.2								17.0	7.0	7.0
200-220	1.9	5.3	1.6	.1								8.9	7.0	7.0
230-250	2.7	2.9	1.0									6.6	5.6	5.0
(W) 260-280	2.5	1.2	.6	.1								4.5	5.7	4.0
290-310	2.9	2.6	.5									6.0	5.1	5.0
320-340	4.7	3.2	.9									8.8	5.1	4.0
VARIABLE														
CALM	////////////////////////////////////											7.1	////////////////////////////////	
TOTALS	45.9	35.8	10.7	.4								100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 806

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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	4.3	1.4	.3	.1								6.1	3.9	3.0
020-040	2.6	1.1										3.8	3.4	3.0
050-070	5.9	.1										6.0	2.6	2.0
(E) 080-100	2.5	.3										2.8	2.8	2.0
110-130	4.7	1.0										5.7	3.1	2.0
140-160	10.6	4.7	.8									16.2	4.2	4.0
(S) 170-190	8.5	6.4	.6	.1								15.6	4.8	4.0
200-220	2.1	2.0	.3	.1								4.5	5.0	5.0
230-250	2.2	1.3										3.5	4.1	4.0
(W) 260-280	1.5	.1	.3									2.0	4.1	2.0
290-310	.4	.8	.1	.1								1.5	6.5	5.0
320-340	3.2	1.1	.4	.1								4.9	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////											27.5	////////////////////////////////	
TOTALS	48.5	20.3	2.8	.5								100.0	3.0	3.0
TOTAL NUMBER OF OBSERVATIONS 717														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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															
020-040															
050-070	9.5											9.5	3.0	3.0	
(°) 080-100	4.8											4.8	3.0	3.0	
110-130	9.5											9.5	2.0	2.0	
140-160	38.1											38.1	2.9	2.5	
(S) 170-190	4.8											4.8	2.0	2.0	
200-220															
230-250															
(W) 260-280	4.8											4.8	2.0	2.0	
290-310															
320-340															
VARIABLE															
CALM	////////////////////////////////////											28.6	////////////////////////////////		
TOTALS	71.5											100.0	1.9	2.0	

TOTAL NUMBER OF OBSERVATIONS 21

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 LST TO UTC: + 6

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN %	WIND WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.2	1.8	.2	.0								5.2	4.2	4.0
020-040	2.7	1.9	.0									4.6	4.2	4.0
050-070	3.9	.7	.0									4.6	3.2	3.0
(E) 080-100	3.0	.5	.0									3.6	3.3	3.0
110-130	4.5	1.3	.0									5.8	3.6	3.0
140-160	8.4	5.1	.6	.0								14.2	4.4	4.0
(S) 170-190	5.1	6.2	2.7	.2	.0							14.2	6.4	6.0
200-220	3.6	5.2	2.0	.1	.0							10.9	6.4	6.0
230-250	3.5	2.8	.8	.0								7.1	5.3	5.0
(W) 260-280	2.7	1.4	.5	.0								4.6	5.0	4.0
290-310	2.2	1.9	.6	.0								4.8	5.7	5.0
320-340	3.0	2.5	.5	.0								6.0	5.1	4.0
VARIABLE														
CALM	////////////////////////////////////											14.4	////////////////////////////////	
TOTALS	45.8	31.3	7.9	.3								100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 4244



OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 LST TO UTC: + 6

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	.5										3.3	3.2	2.5
020-040	.5											.5	2.0	2.0
050-070	2.7											2.7	3.2	3.0
(E) 080-100														
110-130	2.7	1.1										3.8	3.4	4.0
140-160	20.7	.5										21.2	3.0	3.0
(S) 170-190	7.6	.5										8.2	2.9	3.0
200-220	5.4	4.9										10.3	4.6	4.0
230-250	6.0	1.1										7.1	2.9	2.0
(W) 260-280		1.1										1.1	5.5	5.5
290-310	1.1	.5										1.6	4.7	4.0
320-340	.5	.5										1.1	3.5	3.5
VARIABLE														
CALM	////////////////////											39.1	////////////////	
TOTALS	49.9	10.7										100.0	2.1	3.0

TOTAL NUMBER OF OBSERVATIONS 184

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/PORNEY AAF MO  
LST TO UTC: + 6

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.9	.9										2.7	3.4	3.0
020-040	1.9	.7										2.6	3.6	3.0
050-070	2.9	.2										3.1	3.0	3.0
(E) 080-100	2.2	.4										2.6	3.2	3.0
110-130	2.5	1.0										3.5	3.5	3.5
140-160	12.6	3.6										16.2	3.7	4.0
(S) 170-190	5.1	2.5	.7	.1								8.5	4.8	4.0
200-220	7.0	7.6	1.0									15.6	5.1	5.0
230-250	6.9	6.4	.4									13.6	4.6	4.0
(W) 260-280	3.0	1.9	.2									5.1	4.6	4.0
290-310	2.4	.9										3.2	3.8	3.5
320-340	2.1	1.4										3.5	4.2	4.0
VARIABLE														
CALM	////////////////////////////////////											19.7	////////////////////////////////	
TOTALS	50.5	27.5	2.3	.1								100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 802

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/PORNEY AAF MO  
 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	2.6	2.0	.1									4.7	4.2	4.0
020-040	4.2	2.6										6.7	3.9	4.0
050-070	2.7	.5										3.1	3.4	3.0
(E) 080-100	3.1	.5										3.6	2.9	2.0
110-130	3.7	1.3										5.0	3.6	4.0
140-160	3.8	2.6	.5									6.9	4.9	4.0
(S) 170-190	3.7	5.8	1.0									10.6	5.7	5.0
200-220	4.7	6.6	2.6	.1								14.0	6.4	6.0
230-250	5.3	7.3	1.5									14.2	5.8	6.0
(W) 260-280	3.8	5.0	.3									9.2	5.1	5.0
290-310	4.3	2.8	.5									7.6	4.8	4.0
320-340	2.7	2.9	.6									6.2	5.4	5.0
VARIABLE														
CALM	////////////////////											8.4	////////////////	
TOTALS	44.6	39.9	7.1	.1								100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 860

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 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	4.4	2.1										6.4	4.0	4.0
020-040	3.6	2.9	.1									6.6	4.3	4.0
050-070	3.3	1.5										4.8	3.9	4.0
(E) 080-100	3.2	.9	.1									4.1	3.4	3.0
110-130	2.8	1.5	.1									4.5	4.2	4.0
140-160	3.5	2.3	.1									5.9	4.6	4.0
(S) 170-190	3.3	5.8	1.4	.1								10.6	7.2	6.0
200-220	3.7	10.1	4.1									18.0	7.1	7.0
230-250	4.0	7.0	2.1	.1								13.2	6.3	6.0
(W) 260-280	3.5	3.7	.2									7.4	5.1	5.0
290-310	2.7	2.7	.3									5.8	4.0	5.0
320-340	2.2	3.1	.9		.1							6.2	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											6.5	////////////////////////////////	
TOTALS	40.2	43.6	9.4	.2	.1							100.0	5.2	5.0
TOTAL NUMBER OF OBSERVATIONS 918														

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MD PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 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	4.9	2.6	.4									7.9	4.2	4.0
020-040	4.1	4.3	.1									8.5	4.7	5.0
050-070	3.2	1.3										4.6	3.8	4.0
(E) 080-100	3.2	.6										3.8	3.3	3.0
110-130	3.2	1.4	.2									4.9	3.7	4.0
140-160	4.6	5.0	.5									10.1	5.3	5.0
(S) 170-190	3.1	6.7	2.2	.1								12.1	6.7	7.0
200-220	2.5	8.0	2.3									12.8	7.1	7.0
230-250	4.0	5.6	1.1									10.7	5.7	6.0
(W) 260-280	3.1	3.0	.2									6.4	4.8	5.0
290-310	2.9	2.5	.5	.1	.1							6.1	5.7	5.0
320-340	3.1	3.1	.4									6.6	5.1	5.0
VARIABLE														
CALM	////////////////////////////////////											5.5	////////	
TOTALS	41.9	44.1	7.9	.2	.1							100.0	5.1	5.0
TOTAL NUMBER OF OBSERVATIONS 834														



OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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	8.7												8.7	2.0	2.0
020-040															
050-070															
(E) 080-100	4.3												4.3	3.0	3.0
110-130															
140-160	17.4	4.3											21.7	4.0	3.0
(S) 170-190	8.7	4.3											13.0	4.0	4.0
200-220	4.3	4.3											8.7	5.0	5.0
230-250	4.3												4.3	2.0	2.0
(W) 260-280															
290-310															
320-340															
VARIABLE															
CALM	////////////////////////////////////											39.1	////////////////////////////////		
TOTALS	47.7	12.9											100.0	2.2	3.0

TOTAL NUMBER OF OBSERVATIONS 23

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	1.6	.1									5.3	3.9	4.0
020-040	3.4	2.2	.0									5.7	4.1	4.0
050-070	3.4	.8										4.2	3.4	3.0
(E) 080-100	2.9	.6	.0									3.5	3.2	3.0
110-130	3.3	1.2	.1									4.6	3.6	3.0
140-160	7.2	3.1	.3									10.5	4.2	4.0
(S) 170-190	5.2	4.9	1.1	.1								11.3	5.4	5.0
200-220	4.5	7.2	2.0	.0								13.8	6.2	6.0
230-250	5.0	5.4	1.0	.0								11.4	5.4	5.0
(W) 260-280	3.0	2.8	.2									6.0	4.8	4.0
290-310	2.7	1.9	.3	.0	.0							4.8	4.8	4.0
320-340	2.4	2.2	.4		.0							5.1	5.3	5.0
VARIABLE														
CALM	////////////////////											13.8	//////////	
TOTALS	46.6	33.9	5.5	.1								100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 4360

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.4	2.9										8.3	3.5	3.0
020-040	4.9	3.4										8.3	4.2	4.0
050-070	1.5	.5										2.0	3.5	3.0
(E) 080-100	4.4	.5										4.9	3.1	3.5
110-130	2.9	.5										3.4	2.7	2.0
140-160	9.8	2.9	.5									13.2	3.9	3.0
(S) 170-190	3.9	1.0	.5									5.4	4.5	3.0
200-220	1.5	1.0	1.5									3.9	6.6	6.5
230-250	1.0	1.0										2.0	5.5	5.0
(W) 260-280	.5	.5										1.0	4.5	4.5
290-310	5.9	3.9	.5									10.2	4.6	3.0
320-340	5.9	14.1	1.5									21.5	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											16.1	////////////////////////////////	
TOTALS	47.6	32.2	4.5									100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 205



OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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	2.8	.5										3.3	3.1	3.0
020-040	3.6	.2										3.8	3.4	4.0
050-070	3.0	.5										3.5	3.0	2.0
(E) 080-100	3.0	.4										3.3	2.9	2.0
110-130	5.1	1.0										6.0	3.2	3.0
140-160	15.2	5.7	.5									21.3	3.9	4.0
(S) 170-190	5.5	3.0	.4									8.9	4.3	4.0
200-220	5.1	4.6	.1									9.7	4.8	4.0
230-250	6.0	3.8	.1									10.0	4.2	4.0
(W) 260-280	1.8	.9	.1									2.8	4.1	4.0
290-310	1.0	.7										1.7	4.0	3.5
320-340	1.8	.6	.1									2.6	3.6	3.0
VARIABLE														
CALM	////////////////////////////////////											22.9	////////////////////////////////	
TOTALS	53.9	21.9	1.3									100.0	3.0	4.0
TOTAL NUMBER OF OBSERVATIONS 811														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	.9										5.2	3.5	4.0
020-040	5.2	2.2										7.4	3.6	3.5
050-070	2.8	1.4										4.2	3.7	3.0
(E) 080-100	2.3	.9										3.2	3.6	3.0
110-130	5.3	2.0										7.3	3.9	4.0
140-160	6.4	5.4	.3									12.1	4.8	4.0
(S) 170-190	3.1	5.2	1.2									9.5	5.9	6.0
200-220	4.2	6.2	.7	.2								11.3	6.0	6.0
230-250	4.5	5.7	.9									11.1	5.4	5.0
(W) 260-280	4.3	3.5	.6									8.3	4.9	4.0
290-310	3.1	1.5	.5									5.1	4.5	4.0
320-340	4.0	1.7	.3									6.1	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											9.2	////////////////////////////////	
TOTALS	49.5	36.6	4.5	.2								100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 866

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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			
(N) 350-010	4.3	2.3										6.6	4.0	4.0
020-040	5.0	3.0	.2									8.2	4.3	4.0
050-070	4.7	1.6										6.3	3.7	4.0
(E) 080-100	5.8	.8										6.6	3.1	3.0
110-130	5.2	1.8										7.0	3.8	3.0
140-160	3.1	2.8	.2		.1							6.3	5.1	4.5
(S) 170-190	2.8	4.8	.8									8.3	5.9	6.0
200-220	3.5	6.0	2.1	.2								11.7	6.6	6.0
230-250	3.0	3.8	1.3									8.1	6.1	6.0
(W) 260-280	5.5	2.8	.1									8.4	4.3	4.0
290-310	3.2	3.0	.3									6.6	5.1	5.0
320-340	3.4	3.8	.2									7.4	5.0	5.0
VARIABLE														
CALM	////////////////////											8.4	////	////
TOTALS	49.5	36.5	5.2	.2	.1							100.0	4.5	4.0
TOTAL NUMBER OF OBSERVATIONS 924														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.9	2.0	.1									7.1	3.8	3.0
020-040	6.4	2.9										9.3	3.8	4.0
050-070	6.0	1.3										7.3	3.4	3.0
(E) 080-100	6.3	2.6	.1									9.0	3.8	4.0
110-130	5.9	1.4	.1									7.5	3.5	3.0
140-160	4.2	3.4	.4									7.9	4.8	4.0
(S) 170-190	5.4	6.0	.2									11.7	5.1	5.0
200-220	3.9	4.1	1.9	.1								10.0	6.3	6.0
230-250	1.7	4.0	.2									5.9	5.8	6.0
(W) 260-280	3.1	1.4	.4		.1							5.1	4.7	4.0
290-310	1.4	1.8	.5									3.7	5.6	5.0
320-340	4.1	4.1										8.2	4.7	4.5
VARIABLE														
CALM	////////////////////////////////////											7.3	////////////////////////////////	
TOTALS	53.3	35.0	3.9	.1	.1							100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 831

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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	4.3	1.5	.1									6.0	3.6	2.0
020-040	4.7	1.5										6.2	3.5	3.0
050-070	5.6	1.2										6.8	3.0	2.0
(E) 080-100	6.4	.5										6.9	2.5	2.0
110-130	9.5	.9										10.4	2.8	2.0
140-160	7.7	3.0	.3									11.0	3.8	4.0
(S) 170-190	8.5	3.0										11.5	3.7	3.0
200-220	3.0	2.2	.1									5.3	4.4	4.0
230-250	2.0	.3		.1								2.4	4.2	4.0
(W) 260-280	1.4	.4	.1									1.9	3.9	2.0
290-310	.7											.7	2.8	2.0
320-340	1.6	.5	.4									2.6	4.5	3.0
VARIABLE														
CALM	////////////////////////////////////											28.3	////////////////////////////////	
TOTALS	55.4	15.0	1.0	.1								100.0	2.5	3.0

TOTAL NUMBER OF OBSERVATIONS 738



OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 LST TO UTC: + 6

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	4.2	1.4	.0									5.6	3.6	3.0
020-040	4.8	1.9	.0									6.8	3.8	4.0
050-070	4.3	1.2										5.4	3.3	3.0
(E) 080-100	4.7	1.0	.0									5.7	3.2	3.0
110-130	6.1	1.4	.0									7.5	3.4	3.0
140-160	7.8	4.0	.3		.0							12.2	4.2	4.0
(S) 170-190	5.1	4.3	.5									9.9	4.9	4.0
200-220	3.9	4.6	1.0	.1								9.6	5.8	5.0
230-250	3.5	3.5	.5	.0								7.5	5.2	5.0
(W) 260-280	3.2	1.8	.3		.0							5.3	4.5	4.0
290-310	1.9	1.4	.3									3.6	4.9	4.0
320-340	3.0	2.1	.2									5.3	4.6	4.0
VARIABLE														
CALM	////////////////////											15.5	////	////
TOTALS	52.5	28.6	3.1	.1								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 4379

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457    STATION NAME: FT LEONARD WOOD/FORNEY AAF MO    PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6    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.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.6	1.6										11.2	3.1	2.0
020-040	8.0	.8										8.8	2.9	2.5
050-070	9.6	4.0										13.7	3.6	4.0
(E) 080-100	8.0	1.2										9.2	3.1	3.0
110-130	6.4	3.2										9.6	4.0	3.5
140-160	10.0	5.2	.4									15.7	4.3	4.0
(S) 170-190	1.6	.8										2.4	4.3	4.0
200-220	.4											.4	4.0	4.0
230-250	2.0											2.0	2.8	3.0
(W) 260-280	.8											.8	2.5	2.5
290-310	2.0	1.2										3.2	3.5	2.5
320-340	4.4	1.6	.4									6.4	4.2	4.0
VARIABLE														
CALM	////////////////////////////////////											16.5	////////////////////////////////	
TOTALS	62.8	19.6	.8									100.0	3.0	3.0

TOTAL NUMBER OF OBSERVATIONS 249

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	3.4	.6										4.0	3.4	4.0
020-040	2.8											2.8	3.0	3.0
050-070	1.1	.6										1.7	3.0	2.0
(E) 080-100	1.7											1.7	2.7	2.0
110-130	6.8	1.1										7.9	3.0	3.0
140-160	20.9	4.5	.6									26.0	3.7	3.0
(S) 170-190	4.5	1.1	1.1									6.8	5.3	4.0
200-220	6.2	1.7	.6									8.5	4.5	4.0
230-250	4.5	3.4										7.9	4.2	4.0
(W) 260-280	2.3	.6										2.8	3.8	3.0
290-310	.6	1.1										1.7	6.0	5.0
320-340	2.8	.6										3.4	3.0	2.0
VARIABLE														
CALM	////////////////////////////////////											24.9	////////////////////////////////	
TOTALS	57.6	15.3	2.3									100.0	2.9	3.0
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: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO 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	3.6	1.9										5.5	3.8	4.0
020-040	3.6	.5	.3									4.4	3.8	3.0
050-070	2.1	.1										2.2	2.6	2.0
(E) 080-100	3.4											3.4	2.7	2.5
110-130	3.6	.9										4.5	3.3	3.0
140-160	17.2	8.6	.4	.1								26.3	4.2	4.0
(S) 170-190	6.1	5.0	.8	.1								12.0	5.3	4.0
200-220	3.4	3.1	1.0	.1								7.6	5.9	5.0
230-250	4.6	2.1										6.7	4.3	4.0
(W) 260-280	2.5	.6										3.1	3.3	3.0
290-310	2.8	1.2										4.0	4.0	4.0
320-340	1.4	1.8										3.2	4.8	5.0
VARIABLE														
CALM	////////////////////////////////////											17.0	////////////////////////////////	
TOTALS	54.3	25.8	2.5	.3								100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 775

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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	3.2	2.5	.2									6.0	4.8	4.0
020-040	4.1	2.3										6.4	4.2	4.0
050-070	3.0	.4										3.4	3.0	3.0
(E) 080-100	3.2	1.3										4.6	3.5	3.0
110-130	3.6	1.8	.1									5.5	4.0	3.0
140-160	5.4	5.0	1.2									11.6	5.3	5.0
(S) 170-190	2.5	6.4	2.9	.2								12.0	7.5	8.0
200-220	2.6	8.4	4.3	.4								15.7	7.7	8.0
230-250	2.4	6.1	1.4									10.0	6.4	6.0
(W) 260-280	2.3	3.0	.5	.1								5.9	5.5	5.0
290-310	1.9	3.1	.8									5.9	5.8	6.0
320-340	2.5	3.0	.8									6.4	5.8	6.0
VARIABLE														
CALM	////////////////////											6.8	////	////
TOTALS	36.7	43.3	12.2	.7								100.0	5.4	5.0
TOTAL NUMBER OF OBSERVATIONS 834														

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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	4.0	2.1	.7									6.8	4.7	4.0
020-040	3.2	2.0	.2									5.5	4.3	4.0
050-070	4.7	.7										5.4	3.2	3.0
(E) 080-100	3.4	.9		.1								4.4	3.7	3.0
110-130	4.0	1.8	.1									5.9	4.2	4.0
140-160	4.4	4.5	1.0									9.8	5.4	5.0
(S) 170-190	2.0	7.0	3.9	.3								13.3	8.0	8.0
200-220	3.1	6.6	3.1	.7								13.5	7.6	8.0
230-250	2.2	3.5	1.1									6.8	6.3	6.0
(W) 260-280	2.0	2.6	.9	.3								5.8	6.5	6.0
290-310	3.4	2.8	1.3									7.5	6.0	6.0
320-340	1.8	5.0	2.1									8.9	7.1	7.0
VARIABLE														
CALM	////////////////////											6.3	////	////
TOTALS	38.2	39.5	14.4	1.4								100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 894

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457    STATION NAME: FT LEONARD WOOD/FORNEY AAF MO    PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6    MONTH: SEP    HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	5.7	3.7	.2									9.7	4.5	4.0
020-040	3.0	1.6										4.6	3.8	3.0
050-070	3.6	.5										4.1	2.9	3.0
(E) 080-100	4.1	.6										4.7	3.1	3.0
110-130	6.1	1.6	.1									7.8	3.5	3.0
140-160	7.1	5.3	1.2									13.7	5.1	4.0
(S) 170-190	3.6	8.2	3.5	.2								15.5	7.1	7.0
200-220	1.4	5.2	1.6	.2								8.4	7.3	7.0
230-250	1.2	2.2	.2	.1								3.9	6.3	5.0
(W) 260-280	1.9	1.1	.5									3.5	5.5	4.0
290-310	4.2	2.5	.5	.1								7.3	4.9	4.0
320-340	4.5	4.0	1.5									9.9	5.6	5.0
VARIABLE														
CALM	////////////////////////////////////										6.8	////////////////////////////////		
TOTALS	46.4	36.5	9.3	.6								100.0	4.9	5.0
TOTAL NUMBER OF OBSERVATIONS    805														

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO 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	4.2	1.5	.1									5.9	3.7	3.0
020-040	2.8	.3	.1									3.2	3.4	3.0
050-070	3.1	.1										3.2	2.2	2.0
(E) 080-100	3.9	.7										4.6	2.8	2.0
110-130	7.0	.7	.1									7.9	2.9	2.0
140-160	13.1	5.1	.4									18.5	3.9	4.0
(S) 170-190	7.0	6.5	.8									14.3	5.0	5.0
200-220	1.1	.7										1.8	4.3	4.0
230-250	1.5	.3										1.8	3.3	2.0
(W) 260-280	1.7	.3										2.0	3.0	2.0
290-310	1.7	.7	.1									2.5	4.0	2.0
320-340	2.8	.6	.3									3.7	3.6	3.0
VARIABLE														
CALM	////////////////////											30.5	////////////////	
TOTALS	49.9	17.5	1.9									100.0	2.6	3.0

TOTAL NUMBER OF OBSERVATIONS 712

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
 MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010															
020-040															
050-070															
(E) 080-100															
110-130	13.6	4.5									18.2	3.3	2.0		
140-160	18.2		4.5								22.7	4.2	3.0		
(S) 170-190		31.8									31.8	7.0	7.0		
200-220															
230-250															
(W) 260-280															
290-310	4.5										4.5	3.0	3.0		
320-340		4.5									4.5	8.0	8.0		
VARIABLE															
CALM	////////////////////											18.2	////	////	
TOTALS	36.3	40.8	4.5								100.0	4.3	6.0		
TOTAL NUMBER OF OBSERVATIONS													22		



OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 LST TO UTC: + 6

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	13.5	6.3	1.2									21.0	4.4	4.0
020-040	7.5	3.5	.3									11.2	4.2	4.0
050-070	4.9											4.9	2.4	2.0
(E) 080-100	2.3	.3										2.6	3.1	3.0
110-130	3.5	1.2	.6									5.2	4.5	3.0
140-160	6.9	5.2	1.2	.3								13.5	5.2	4.0
(S) 170-190	2.6	2.3		.3								5.2	5.6	5.0
200-220	.6	1.4										2.0	6.6	8.0
230-250	.6	2.0	.6									3.2	6.6	6.0
(W) 260-280	2.3	1.2	.3	.3								4.0	5.1	3.5
290-310	2.0	4.0	.6									6.6	6.0	6.0
320-340	2.3	6.3	2.3									11.0	6.8	6.0
VARIABLE														
CALM	////////////////////											9.5	////	////
TOTALS	49.0	33.7	7.1	.9								100.0	4.5	4.0

TOTAL NUMBER OF OBSERVATIONS 347



OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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	3.7	1.8	.3									5.7	4.3	4.0
020-040	3.4	1.7	.1									5.2	4.0	4.0
050-070	1.5	.4										1.9	3.1	3.0
(E) 080-100	2.0	.4										2.4	3.3	3.0
110-130	3.8	1.0										4.8	3.8	4.0
140-160	17.3	10.2	1.0									28.5	4.5	4.0
(S) 170-190	3.8	3.4	2.4	.3								9.9	6.6	6.0
200-220	2.7	3.2	.4	.1								6.4	5.6	5.0
230-250	2.5	2.4	.3									5.2	4.9	5.0
(W) 260-280	2.3	.9	.3									3.4	4.5	4.0
290-310	2.0	2.2	.6									4.8	5.5	5.0
320-340	2.8	3.2	.1									6.1	5.0	5.0
VARIABLE														
CALM	////////////////////////////////////											15.6	////////////////////////////////	
TOTALS	47.8	30.8	5.5	.4								100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 787



OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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			
(N) 350-010	2.7	3.3	.5									6.6	5.4	5.0
020-040	3.9	2.4										6.4	4.3	4.0
050-070	2.0	1.3										3.3	4.3	4.0
(E) 080-100	3.1	.4										3.5	3.4	3.0
110-130	2.6	1.8										4.4	4.2	4.0
140-160	2.5	5.9	2.1									10.5	6.9	7.0
(S) 170-190	2.0	5.7	6.0	.8	.1							14.6	9.0	9.0
200-220	2.5	5.9	4.8	.8	.1							14.1	8.5	8.0
230-250	1.8	2.9	2.0	.1								6.7	7.5	8.0
(W) 260-280	2.0	3.1	1.2	.2								6.5	6.9	6.0
290-310	1.8	3.8	1.6	.8	.2							8.2	8.0	7.0
320-340	2.1	6.5	2.2									10.7	7.0	7.0
VARIABLE														
CALM	////////////////////////////////////											4.5	////////////////////////////////	
TOTALS	29.0	43.0	20.4	2.7	.4							100.0	6.7	6.0
TOTAL NUMBER OF OBSERVATIONS 912														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	4.7	3.7	.7									9.1	4.7	4.0
020-040	4.0	2.5	.1									6.6	4.2	4.0
050-070	3.1	.4										3.4	3.2	3.0
(E) 080-100	2.4	.2										2.6	3.2	3.0
110-130	3.4	1.3										4.7	3.8	3.0
140-160	4.9	7.1	2.1	.1								14.2	6.3	6.0
(S) 170-190	3.6	6.6	3.6	.6								14.4	7.4	7.0
200-220	1.5	3.7	3.0	.2	.2							8.7	6.2	8.0
230-250	1.8	2.7	1.3	.1								5.9	6.7	7.0
(W) 260-280	2.5	2.7	.8									6.0	5.9	6.0
290-310	3.0	3.7	1.4	.4								8.4	6.7	6.0
320-340	2.3	5.0	1.5									8.8	6.7	7.0
VARIABLE														
CALM	////////////////////											7.0	////	////
TOTALS	37.2	39.6	14.5	1.4	.2							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 843

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	5.0	1.8	.1									7.0	3.8	3.0
020-040	3.8	1.4										5.3	3.8	4.0
050-070	3.0	.3										3.3	2.8	2.0
(E) 080-100	2.2											2.2	2.3	2.0
110-130	4.2	1.4	.3									5.9	3.7	3.0
140-160	12.4	7.5	.7									20.5	4.6	4.0
(S) 170-190	5.1	3.9	1.2	.4								10.6	5.8	5.0
200-220	2.8	1.3	.1	.1								4.3	4.5	4.0
230-250	3.4	1.2	.3									4.9	3.8	3.0
(W) 260-280	2.2	.8	.5									3.5	4.8	4.0
290-310	2.2	1.8	.5									4.6	5.3	5.0
320-340	3.9	2.0	.8									6.7	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											21.2	////////////////////////////////	
TOTALS	50.2	23.4	4.5	.5								100.0	3.5	4.0
TOTAL NUMBER OF OBSERVATIONS 761														

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 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	4.7	1.2										5.9	3.6	2.0
020-040	3.5	1.2										4.7	4.0	3.5
050-070	2.4	2.4										4.7	4.0	4.5
(E) 080-100	3.5											3.5	2.7	2.0
110-130	1.2	4.7										5.9	5.4	5.0
140-160	18.8	9.4	1.2									29.4	4.4	4.0
(S) 170-190	3.5	8.2										11.8	5.9	6.0
200-220	2.4	1.2										3.5	3.0	2.0
230-250	3.5											3.5	3.3	4.0
(W) 260-280		1.2										1.2	5.0	5.0
290-310	2.4											2.4	3.5	3.5
320-340	1.2	1.2	1.2	1.2								4.7	9.8	10.5
VARIABLE														
CALM	////////////////////////////////////										18.8	////////////////////////////////		
TOTALS	47.1	30.7	2.4	1.2								100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 85

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 MONTH: OCT HOURS: ALL

DIRECTION   (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.6	2.7	.5									6.8	4.8	4.0
020-040	3.6	2.1	.0									5.7	4.2	4.0
050-070	2.5	.6										3.1	3.4	3.0
(E) 080-100	2.4	.4	.0									2.8	3.3	3.0
110-130	3.4	1.6	.1									5.0	4.0	4.0
140-160	8.5	7.7	1.6	.0								17.8	5.4	5.0
(S) 170-190	3.4	5.0	3.9	.5	.0							12.9	7.7	8.0
200-220	2.8	3.8	2.4	.3	.1							9.4	7.3	7.0
230-250	2.3	2.7	1.0	.0								6.1	6.1	6.0
(W) 260-280	2.1	2.1	.7	.1								4.9	6.0	6.0
290-310	2.0	2.8	1.2	.2	.0							6.4	6.8	6.0
320-340	2.5	4.3	1.1	.1								8.0	6.4	6.0
VARIABLE														
CALM	////////////////////											11.1	////	////
TOTALS	39.1	35.8	12.5	1.2	.1							100.0	5.2	5.0
TOTAL NUMBER OF OBSERVATIONS 4405														

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 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	5.8	3.7	.2									9.7	4.2	3.5
020-040	7.8	4.2	.2									12.2	4.2	4.0
050-070	5.0	.7										5.7	3.2	3.0
(E) 080-100	4.2	.3	.2									4.7	3.6	3.0
110-130	5.0	2.7										7.7	4.4	4.0
140-160	7.3	6.5	2.7	.2								16.7	6.0	5.5
(S) 170-190	2.3	3.5	1.3									7.2	6.3	6.0
200-220	2.0	.3		.2								2.5	4.8	4.0
230-250	1.0	.7										1.7	4.4	4.0
(W) 260-280	1.5	1.7										3.2	5.2	5.0
290-310	1.8	5.2	.5									7.5	6.2	6.0
320-340	4.0	8.0	1.0	.2								13.2	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											8.3	////////////////////////////////	
TOTALS	47.7	37.5	6.1	.6								100.0	4.7	4.0

TOTAL NUMBER OF OBSERVATIONS 600

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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																	4.0
020-040																	
050-070																	
(E) 080-100																	
110-130																	
140-160																	
(S) 170-190																	
200-220																	
230-250																	
(W) 260-280																	
290-310																	
320-340																	
VARIABLE																	
CALM	////////////////////											100.0	////	////			
TOTALS													.0	4.0			

TOTAL NUMBER OF OBSERVATIONS 1

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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			
(N) 350-010	2.2	1.9										4.1	4.4	4.0
020-040	1.0	1.8										2.8	5.2	5.0
050-070	1.0	.9										1.9	4.3	4.0
(E) 080-100	1.8	.1	.1									2.1	4.0	3.0
110-130	3.2	1.3	.1									4.7	4.3	4.0
140-160	9.7	10.5	2.8	.3								23.3	6.0	5.0
(S) 170-190	2.8	4.9	5.0	.1	.1							13.0	8.1	8.0
200-220	1.9	4.1	1.5	.1								7.7	6.8	6.0
230-250	1.9	4.3	.3									6.5	5.9	6.0
(W) 260-280	2.7	3.2	.6	.1								6.6	6.0	6.0
290-310	2.5	2.8	1.6	.6								7.5	7.3	6.0
320-340	3.1	3.5	2.8									9.4	6.8	6.0
VARIABLE														
CALM	////////////////////											10.3	////	////
TOTAL	33.8	39.3	14.8	1.2	.1							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 678

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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			
(N) 350-010	2.1	2.0	.1	.1								4.4	5.4	5.0
020-040	1.6	1.6	.5									3.7	5.5	5.0
050-070	2.0	1.1										3.1	4.0	4.0
(E) 080-100	1.2	.6	.1									2.0	3.7	3.0
110-130	2.4	1.7	.5									4.6	5.2	4.0
140-160	4.6	6.6	3.7	.2								15.2	7.0	7.0
(S) 170-190	3.1	4.1	7.1	1.5	.1							15.9	9.0	10.0
200-220	1.6	5.3	5.0	1.9	.2							14.1	9.7	10.0
230-250	1.7	3.4	2.5	.4	.1							8.1	8.3	8.0
(W) 260-280	1.2	2.6	2.1	.2	.1							6.3	8.1	8.0
290-310	2.0	3.6	2.5									8.1	7.2	8.0
320-340	2.5	4.5	3.2	.7								10.9	8.0	8.0
VARIABLE														
CALM	////////////////////////////////////											3.6	////////////////////////////////	
TOTALS	26.0	37.1	27.3	5.0	.5							100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 804

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	2.6	2.0	.7									5.3	5.6	5.0
020-040	2.8	1.8	.6									5.1	4.8	4.0
050-070	2.1	1.3										3.5	4.1	4.0
(E) 080-100	1.2	.3										1.6	3.3	2.5
110-130	2.0	1.2	.6									3.8	5.4	4.0
140-160	2.6	3.8	2.5	.6								9.4	7.6	7.5
(S) 170-190	1.9	5.0	6.5	2.5								15.9	10.0	10.0
200-220	2.5	4.0	5.8	1.3	.4							14.1	9.5	10.0
230-250	1.7	3.2	3.4	.8	.2							9.3	9.1	9.0
(W) 260-280	1.1	1.8	3.9	.3	.2							7.4	9.6	10.0
290-310	1.6	4.0	2.9	.9								9.4	8.8	9.0
320-340	2.3	4.1	4.0	.4								11.0	8.2	8.0
VARIABLE														
CALM	////////////////////////////////////											4.4	////////////////////////////////	
TOTALS	24.4	32.5	30.9	6.8	.8							100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 894

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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
(N) 350-010	4.2	3.0	.4	.1								7.6	4.9	4.0
020-040	2.1	1.5	.1									3.8	4.7	4.0
050-070	2.1	.6										2.7	3.9	4.0
(E) 080-100	1.9	.6	.2									2.7	3.9	3.0
110-130	3.1	1.8	.2									5.1	4.5	4.0
140-160	3.1	4.8	3.8	.4	.1							12.1	7.7	8.0
(S) 170-190	3.1	6.1	6.2	.6	.4							16.3	8.7	9.0
200-220	1.7	3.4	3.0	.4								8.4	8.1	8.0
230-250	2.0	2.6	1.8	.4								6.8	8.0	8.0
(W) 260-280	1.3	2.7	4.5	.4								8.9	9.2	10.0
290-310	2.5	3.1	2.3	.7								8.6	7.8	7.5
320-340	1.9	3.7	3.6	.6								9.8	8.5	8.0
VARIABLE														
CALM	////////////////////////////////////											7.1	////////////////////////////////	
TOTALS	29.0	33.9	26.1	3.6	.5							100.0	6.9	7.0
TOTAL NUMBER OF OBSERVATIONS 841														



OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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	3.1	1.5	.4									5.0	4.7	3.0
020-040	2.7	1.5										4.2	4.1	4.0
050-070	2.7	1.2										3.9	3.4	2.5
(E) 080-100	1.9	.4										2.3	2.8	2.0
110-130	4.2	1.9										6.2	3.8	4.0
140-160	8.5	7.3	1.5									17.4	5.3	5.0
(S) 170-190	1.9	6.6	8.5		.4							17.4	9.0	10.0
200-220	4.2	1.5										5.8	3.4	3.0
230-250	3.1	1.2										4.2	3.6	3.0
(W) 260-280	2.3	2.7	.4									5.4	5.9	6.0
290-310	3.1	3.1	.4	.4								6.9	6.2	5.5
320-340	3.9	2.7	1.2	.8								8.5	6.0	5.5
VARIABLE														
CALM	////////////////////											12.7	////	////
TOTALS	41.6	31.6	12.4	1.2	.4							100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 259

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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	2.9	2.2	.4	.0								5.5	5.0	4.0
020-040	2.0	1.6	.3									3.9	4.9	4.0
050-070	2.0	.9										2.9	3.9	3.5
(E) 080-100	1.7	.4	.1									2.3	3.6	3.0
110-130	3.0	1.4	.3									4.8	4.5	4.0
140-160	5.5	6.3	3.2	.3	.0							15.4	6.7	6.0
(S) 170-190	2.7	5.6	6.1	1.0	.2							15.6	8.9	9.0
200-220	2.2	3.4	3.2	.8	.1							9.7	8.5	8.0
230-250	2.2	2.9	1.7	.3	.1							7.1	7.4	7.0
(W) 260-280	1.7	2.4	2.6	.2	.1							7.0	8.2	8.0
290-310	2.3	3.2	2.0	.5								8.0	7.6	8.0
320-340	2.7	3.5	3.0	.4								9.6	7.6	8.0
VARIABLE														
CALM	////////////////////											8.2	////	////
TOTALS	30.9	33.8	22.9	3.5	.5							100.0	6.6	6.0

TOTAL NUMBER OF OBSERVATIONS 4275

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MD  
 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	5.5	6.0	.5									12.1	5.2	5.0
020-040	3.1	4.6	.3									7.9	5.5	5.0
050-070	3.8	3.4										7.1	4.5	4.0
(E) 080-100	2.7	.9	.3									3.9	4.1	3.0
110-130	2.4	1.9	.8									5.1	5.7	5.0
140-160	2.9	5.8	4.7	.1								13.5	7.6	8.0
(S) 170-190	1.7	4.6	1.6	.5								8.4	7.7	7.0
200-220	.8	1.6	.8									3.2	6.8	6.0
230-250	.1	1.9	.8									2.8	8.0	8.0
(W) 260-280	.5	1.9	2.7	.7								5.8	10.2	10.0
290-310	1.1	4.3	3.6	1.2								10.2	9.4	9.0
320-340	4.2	6.6	4.8	.8								16.4	7.8	8.0
VARIABLE														
CALM	////////////////////											3.6	////	////
TOTALS	28.8	43.5	20.9	3.3								100.0	6.8	6.0

TOTAL NUMBER OF OBSERVATIONS 746

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 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	3.3	3.9	.4									7.6	5.4	5.0
020-040	1.3	1.9	.1									3.4	5.5	5.0
050-070	2.7	1.3										4.0	4.1	4.0
(E) 080-100	2.2	.4										2.7	3.1	3.0
110-130	2.4	1.2	.3									3.9	4.3	3.0
140-160	7.4	7.4	2.1	.3	.1							17.4	6.0	5.0
(S) 170-190	2.5	3.4	1.9	.3								8.2	7.1	6.0
200-220	3.0	4.3	.7	.3	.1							8.5	6.6	6.0
230-250	2.8	3.3	.4	.6								7.1	6.7	5.0
(W) 260-280	2.7	4.7	.7	.1	.3							8.6	6.6	6.5
290-310	1.9	6.1	1.8	.3	.1							10.2	7.2	7.0
320-340	2.7	4.6	1.5	.3								9.1	7.0	7.0
VARIABLE														
CALM	////////////////////											9.5	////	////
TOTALS	34.9	42.5	9.9	2.2	.6							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 674

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
 MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	3.8	.6									6.8	5.8	6.0
020-040	2.6	1.8										4.4	4.5	4.0
050-070	2.3	1.2	.1									3.7	4.2	4.0
(E) 080-100	1.1	1.0	.1									2.2	4.8	4.5
110-130	2.0	1.5	.1									3.5	4.6	4.0
140-160	4.3	7.2	2.8	.1								14.4	6.8	7.0
(S) 170-190	2.2	4.3	2.4	.5		.1						9.5	8.3	8.0
200-220	1.8	3.8	1.5	.7	.4							8.2	8.5	8.0
230-250	1.6	3.8	2.2	.6	.1							8.3	8.0	8.0
(W) 260-280	1.6	3.5	2.7	.5								8.3	8.3	8.0
290-310	2.4	6.1	3.8	.6								12.9	7.9	8.0
320-340	2.9	6.7	2.9									12.6	7.0	7.0
VARIABLE														
CALM	////////////////////////////////////											5.2	////////////////////////////////	
TOTALS	27.2	44.7	19.2	3.0	.5	.1						100.0	6.7	7.0
TOTAL NUMBER OF OBSERVATIONS 820														

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457    STATION NAME: FT LEONARD WOOD/FORNEY AAF MO    PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6    MONTH: DEC    HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	3.2	.8									5.6	6.3	6.0
020-040	2.1	1.6	.4									4.1	5.3	4.5
050-070	2.5	.9										3.4	3.6	3.0
(E) 080-100	2.4	.3										2.7	3.4	3.0
110-130	2.5	1.4	.3	.1								4.4	5.2	4.0
140-160	1.6	3.9	1.9	.3								7.7	7.4	7.0
(S) 170-190	2.8	3.4	4.1	.9	.2							11.4	8.8	9.0
200-220	2.3	4.5	2.9	1.0								10.7	8.2	7.0
230-250	1.4	3.4	2.4	.7								7.8	8.4	8.0
(W) 260-280	2.3	3.3	4.0	1.2	.2							11.0	9.1	9.0
290-310	2.5	6.0	4.6	.8	.2							14.1	8.4	8.0
320-340	2.7	6.2	3.1	.1								12.1	7.3	7.0
VARIABLE														
CALM	////////////////////////////////////											5.0	////////////////////////////////	
TOTALS	26.7	38.1	24.5	5.1	.6							100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 918

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
 MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	2.4	.7									6.4	5.2	4.0
020-040	2.7	1.2	.1									4.0	4.2	4.0
050-070	2.1	.8										2.9	3.9	3.0
(E) 080-100	2.0	.1										2.1	3.1	3.0
110-130	3.0	1.6	.1									4.8	4.4	4.0
140-160	2.8	4.3	1.9	.5								9.4	7.4	8.0
(S) 170-190	2.3	4.0	3.8	1.0								11.2	8.6	8.0
200-220	2.3	2.2	2.3									6.9	7.1	7.0
230-250	2.4	3.7	1.0	.2								7.5	6.2	6.0
(W) 260-280	2.3	4.7	3.0	.6								10.6	8.0	8.0
290-310	3.6	4.1	4.9	.5	.2							13.3	8.2	8.0
320-340	4.1	6.4	2.3	.6								13.4	6.9	7.0
VARIABLE														
CALM	////////////////////////////////////											7.7	////////////////////////////////	
TOTALS	32.9	35.5	20.1	3.4	.2							100.0	6.3	6.0
TOTAL NUMBER OF OBSERVATIONS 859														

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
 MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	3.1	.1									7.0	4.7	4.0
020-040	2.5	1.7	.1									4.3	4.7	4.0
050-070	2.8											2.8	2.1	2.0
(E) 080-100	1.5	.4										1.8	3.1	2.0
110-130	3.3	1.2										4.5	3.7	3.0
140-160	3.7	4.5	3.3	.1								11.7	7.2	7.0
(S) 170-190	3.9	5.6	2.8	.6								13.0	7.3	6.0
200-220	2.5	1.1	.4									3.9	5.0	4.0
230-250	3.3	1.6	.5		.1							5.5	5.0	4.0
(W) 260-280	3.8	2.3	1.2									7.4	5.5	4.0
290-310	4.2	4.7	2.2	.4								11.4	6.7	7.0
320-340	3.2	5.3	2.3	.2								11.0	6.9	6.0
VARIABLE														
CALM	////////////////////											15.6	////	////
TOTALS	38.5	31.5	12.9	1.3	.1							100.0	5.0	5.0
TOTAL NUMBER OF OBSERVATIONS 815														

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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	5.0	2.9	.7									8.6	4.5	4.0
020-040	1.4	1.4										2.9	4.6	4.5
050-070	1.4	.7										2.2	3.2	2.5
(E) 080-100	.7	.4										1.1	3.7	4.0
110-130	4.7	1.1	.4									6.1	3.5	2.0
140-160	5.4	4.7	.4	.4								10.8	5.3	4.5
(S) 170-190	2.9	3.6	3.6	1.1								11.2	8.6	8.0
200-220	2.9	2.2	.4									5.4	4.5	4.0
230-250	6.5	1.8	.4	.4								9.0	4.4	4.0
(W) 260-280	2.5	3.6	2.2									8.3	6.6	6.0
290-310	3.2	2.9	1.8									7.9	6.6	5.0
320-340	4.7	5.8	1.8	.4								12.6	6.2	5.0
VARIABLE														
CALM	////////////////////////////////////											14.0	////////////////////////////////	
TOTALS	41.3	31.1	11.7	2.3								100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 278



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	3.6	5.9	1.2									10.7	5.8	6.0
020-040	3.8	3.9	.7									8.5	5.4	5.0
050-070	3.4	1.8										5.2	4.2	4.0
(E) 080-100	1.7	.7	.1									2.5	4.1	3.5
110-130	2.1	2.1										4.2	4.4	4.5
140-160	4.8	6.5	3.2	.2								14.6	6.8	6.0
(S) 170-190	3.7	4.1	2.7	.5	.2							11.3	7.6	7.5
200-220	1.6	1.0	.4	.3								3.3	6.2	5.0
230-250	1.2	1.0	.5	.1								2.8	6.5	6.0
(W) 260-280	2.0	2.3	1.3	.2								5.8	7.0	6.0
290-310	3.2	3.8	3.2	.3								10.5	7.4	8.0
320-340	4.1	7.5	2.7	.1								14.4	6.7	6.5
VARIABLE														
CALM	////////////////////////////////////											6.1	////////////////////////////////	
TOTALS	35.2	40.6	16.0	1.7	.2							100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 942

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.4	2.6	.5	.0								6.6	5.0	4.0
020-040	3.1	2.1	.2	.0								5.3	4.5	4.0
050-070	2.9	1.1	.1									4.0	3.8	3.0
(E) 080-100	2.5	.8	.1	.0	.0							3.5	3.7	3.0
110-130	3.4	1.7	.3	.0	.0							5.5	4.4	4.0
140-160	5.9	5.3	1.7	.2	.0	.0						13.2	5.8	5.0
(S) 170-190	3.4	4.8	3.4	.6	.1	.0						12.2	7.7	7.0
200-220	2.6	4.1	2.4	.4	.1	.0						9.7	7.6	7.0
230-250	2.8	3.2	1.2	.2	.1	.0						7.4	6.4	6.0
(W) 260-280	2.2	2.4	1.4	.2	.1	.0						6.2	6.9	6.0
290-310	2.2	3.0	1.7	.3	.0	.0						7.3	7.3	7.0
320-340	2.7	3.8	1.9	.3	.0							8.7	7.0	6.0
VARIABLE														
CALM	////////////////////////////////////											10.3	////////////////////////////////	
TOTALS	37.1	34.9	14.9	2.2	.4							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS: 51654





PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTT	DDDDDDD
PPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPP	AA AA	RRRRRRR	TT	DD DD
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	DD DD
PP	AAAAAAAAA	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

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

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

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

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

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	45.7	46.3	47.1	48.6	49.1	49.3	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.9	50.3
GE 20000	49.0	49.6	50.4	51.9	52.4	52.6	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.7
GE 19000	49.0	49.6	50.4	51.9	52.4	52.6	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.7
GE 16000	49.0	49.6	50.4	51.9	52.4	52.6	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.7
GE 14000	49.3	49.9	50.7	52.1	52.7	52.9	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.4	54.0
GE 12000	50.0	50.0	51.4	52.9	53.4	53.6	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.7
GE 10000	52.0	52.6	53.4	54.9	55.4	55.6	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.7
GE 9000	52.1	52.7	53.6	55.0	55.6	55.7	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.3	56.9
GE 8000	54.3	55.0	55.9	57.3	57.9	58.0	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.6	59.1
GE 7000	55.7	56.4	57.9	59.3	59.9	60.0	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.6	61.1
GE 6000	56.3	57.1	58.6	60.0	60.6	60.7	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.3	61.9
GE 5000	58.1	59.1	60.6	62.0	62.6	62.7	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.3	63.9
GE 4500	59.6	60.6	62.0	63.4	64.0	64.1	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.7	65.3
GE 4000	60.4	61.4	62.9	64.3	64.9	65.0	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.6	66.1
GE 3500	61.0	62.0	63.4	64.9	65.4	65.6	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.7
GE 3000	63.3	64.3	65.7	67.1	67.7	67.9	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.4	69.0
GE 2500	65.3	66.3	68.0	69.6	70.3	70.4	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.6
GE 2000	67.3	68.3	70.3	71.9	72.7	72.9	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.4	74.0
GE 1800	67.4	68.6	70.6	72.1	73.0	73.1	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.7	74.3
GE 1500	70.1	71.6	73.6	75.1	76.1	76.3	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.9	77.4
GE 1200	72.9	74.6	76.6	78.1	79.1	79.6	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.7
GE 1000	75.0	77.0	79.1	81.1	82.6	83.0	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.7
GE 900	76.1	78.3	80.4	82.4	84.0	84.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.9	86.0	86.6
GE 800	76.3	78.4	80.6	82.6	84.4	84.9	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.4	86.6	87.1
GE 700	76.4	78.6	80.7	82.9	85.1	85.6	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.4	87.6	88.1
GE 600	76.6	78.9	81.6	84.0	87.0	87.6	89.0	89.1	89.3	89.3	89.3	89.3	89.3	89.4	89.7	90.3
GE 500	77.0	79.4	82.1	84.9	88.1	89.0	90.6	90.7	91.0	91.0	91.0	91.0	91.0	91.1	91.4	92.0
GE 400	77.0	79.6	82.6	85.4	89.1	90.1	92.1	92.4	92.7	92.7	92.7	92.7	92.7	92.9	93.1	93.7
GE 300	77.0	79.6	82.6	85.4	89.6	90.9	92.9	93.4	94.0	94.1	94.1	94.1	94.3	94.4	94.7	95.3
GE 200	77.0	79.6	82.9	85.7	89.9	91.1	93.6	94.7	95.4	95.9	96.0	96.0	96.3	96.4	96.7	97.6
GE 100	77.0	79.6	82.9	85.7	89.9	91.1	93.6	95.0	95.9	96.3	96.6	96.6	97.6	97.7	98.3	99.4
GE 000	77.0	79.6	82.9	85.7	89.9	91.1	93.6	95.0	95.9	96.3	96.6	96.6	97.9	98.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 700

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	47.0	48.0	48.5	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 20000	52.2	53.2	53.7	53.9	53.9	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.5
GE 18000	52.4	53.3	53.8	54.1	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.7
GE 16000	52.4	53.3	53.8	54.1	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.7
GE 14000	52.7	53.7	54.2	54.4	54.4	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	55.0
GE 12000	53.3	54.4	54.9	55.2	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.8
GE 10000	57.0	58.1	58.5	58.8	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.2	59.4
GE 9000	57.1	58.2	58.7	58.9	58.9	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.5
GE 8000	59.9	61.0	61.6	61.8	61.8	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.4
GE 7000	61.2	62.5	63.2	63.4	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.8	64.0
GE 6000	61.7	63.0	63.6	63.9	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.5
GE 5000	62.9	64.2	64.8	65.1	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.5	65.7
GE 4500	64.1	65.5	66.1	66.3	66.3	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.9
GE 4000	65.3	66.7	67.3	67.5	67.6	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.2
GE 3500	65.8	67.2	67.8	68.0	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.7
GE 3000	67.0	68.5	69.2	69.5	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	70.2
GE 2500	68.2	69.7	70.9	71.3	71.5	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.2
GE 2000	69.6	71.2	72.4	72.7	73.1	73.3	73.3	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.9	74.2
GE 1800	70.4	72.0	73.3	73.7	74.1	74.3	74.3	74.7	74.7	74.8	74.8	74.8	74.9	74.9	75.0	75.3
GE 1500	72.2	73.8	75.3	75.8	76.1	76.4	76.5	76.8	76.8	77.0	77.1	77.1	77.2	77.2	77.3	77.6
GE 1200	73.9	77.0	78.9	79.8	80.4	80.7	80.8	81.2	81.2	81.3	81.5	81.5	81.6	81.6	81.7	81.9
GE 1000	75.8	78.8	81.0	81.9	82.5	83.0	83.3	83.6	83.6	84.0	84.1	84.1	84.4	84.4	84.6	84.8
GE 900	75.9	79.0	81.3	82.3	82.9	83.4	83.6	84.1	84.1	84.5	84.6	84.6	84.8	84.8	85.1	85.3
GE 800	76.2	79.4	81.8	82.8	83.5	84.2	84.8	85.3	85.3	85.7	85.9	85.9	86.2	86.2	86.4	86.7
GE 700	76.6	79.9	82.7	84.4	85.5	86.2	87.0	87.5	87.5	88.0	88.2	88.2	88.5	88.6	88.8	89.1
GE 600	76.7	80.0	83.2	85.3	86.7	87.4	88.2	88.8	89.0	89.5	89.7	89.7	89.9	90.1	90.3	90.5
GE 500	77.1	80.4	83.8	85.9	88.1	89.2	90.1	90.7	90.8	91.4	91.6	91.6	91.9	92.0	92.2	92.5
GE 400	77.5	80.8	84.4	86.5	89.0	90.1	91.2	92.5	92.7	93.7	94.2	94.2	94.5	94.7	94.9	95.2
GE 300	77.6	81.1	84.6	86.9	89.6	90.9	92.1	93.5	94.1	95.4	95.9	95.9	96.5	96.6	97.2	97.5
GE 200	77.6	81.1	84.6	87.0	89.7	91.0	92.4	93.9	94.7	96.7	97.3	97.3	98.1	98.3	99.0	99.3
GE 100	77.6	81.1	84.6	87.0	89.7	91.4	92.7	94.3	95.0	97.1	97.8	97.8	98.5	98.8	99.6	100.0
GE 000	77.6	81.1	84.6	87.0	89.7	91.4	92.7	94.3	95.0	97.1	97.8	97.8	98.5	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 825

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	52.3	52.5	52.5	52.5	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 20000	57.2	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	57.6	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 16000	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 14000	57.8	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 12000	59.0	59.5	59.5	59.5	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	61.6	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
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	64.3	65.2	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 7000	66.2	67.1	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	66.6	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 5000	67.4	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 4500	68.8	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 4000	69.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 3500	70.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 3000	71.6	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
GE 2500	73.3	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 2000	74.3	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	76.1	76.1
GE 1800	75.3	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 1500	77.4	79.2	80.0	80.2	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 1200	78.8	81.7	83.3	83.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1000	79.8	83.0	85.0	85.7	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 900	80.2	83.6	85.5	86.3	86.8	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 800	80.9	84.5	86.6	87.4	87.9	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 700	81.2	85.1	87.4	88.4	89.5	89.7	90.1	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4
GE 600	81.7	86.0	88.3	89.3	90.8	91.0	91.6	91.7	91.7	92.1	92.3	92.4	92.5	92.5	92.5	92.7
GE 500	82.3	87.0	89.5	90.7	92.1	92.6	93.8	94.1	94.1	94.5	94.7	94.8	94.9	94.9	94.9	95.1
GE 400	82.5	87.4	90.0	91.4	93.2	93.9	95.5	96.0	96.3	96.8	97.2	97.3	97.4	97.4	97.4	97.6
GE 300	82.5	87.4	90.0	91.4	93.3	94.1	96.0	96.5	96.8	97.4	97.8	97.9	98.0	98.0	98.2	98.4
GE 200	82.5	87.4	90.0	91.6	93.6	94.6	96.5	97.2	97.5	98.2	98.6	98.7	98.9	98.9	99.0	99.2
GE 100	82.5	87.4	90.0	91.6	93.6	94.6	96.5	97.4	97.7	98.5	98.9	99.0	99.2	99.2	99.7	99.9
GE 000	82.5	87.4	90.0	91.6	93.6	94.6	96.5	97.4	97.7	98.5	98.9	99.0	99.2	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 920

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 20000	59.5	59.5	59.5	59.5	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 18000	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	59.7
GE 16000	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	59.7
GE 14000	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 12000	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	62.3	62.3
GE 10000	65.4	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	66.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 8000	69.5	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 7000	70.5	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 6000	70.8	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 5000	72.2	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	73.0
GE 4500	72.8	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 4000	73.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 3500	73.7	74.7	74.7	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 3000	75.8	76.8	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 2500	77.6	78.6	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 2000	79.1	80.1	80.1	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 1800	79.7	80.7	80.7	80.8	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 1500	81.5	82.8	83.0	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1200	83.0	85.0	85.6	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1000	83.6	85.8	86.7	87.6	88.6	88.9	88.9	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 900	83.7	85.9	87.0	88.1	89.1	89.3	89.4	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 800	83.8	86.0	87.1	88.2	89.2	89.4	89.7	89.7	89.7	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 700	84.2	86.7	87.9	89.2	90.7	90.9	91.3	91.4	91.4	92.1	92.2	92.2	92.2	92.2	92.2	92.2
GE 600	85.2	87.7	89.0	90.5	92.3	92.5	93.0	93.1	93.1	93.9	94.1	94.1	94.3	94.3	94.3	94.3
GE 500	85.8	88.3	89.7	91.2	93.2	93.5	94.1	94.7	94.7	95.5	95.8	95.8	95.9	95.9	95.9	95.9
GE 400	85.8	88.3	89.8	91.4	93.6	93.8	94.5	95.4	95.4	96.3	96.6	96.6	96.7	96.7	96.7	96.7
GE 300	85.8	88.3	89.9	91.7	94.4	94.6	95.4	96.4	96.6	97.8	98.2	98.2	98.4	98.6	98.6	98.6
GE 200	85.8	88.3	89.9	91.7	94.5	94.7	95.6	96.8	96.9	98.4	98.7	98.7	99.1	99.4	99.4	99.4
GE 100	85.8	88.3	89.9	91.7	94.5	94.7	95.6	96.8	97.0	98.7	99.2	99.2	99.5	100.0	100.0	100.0
GE 000	85.8	88.3	89.9	91.7	94.5	94.7	95.6	96.8	97.0	98.7	99.2	99.2	99.5	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 871

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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 CRIL	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 20000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 18000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 16000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 14000	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	61.4
GE 12000	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 10000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 9000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 8000	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	69.1	69.1
GE 7000	70.3	70.3	70.3	70.3	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 6000	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 5000	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 4500	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 4000	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	71.6
GE 3500	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	72.9
GE 3000	75.2	75.2	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 2500	77.4	77.4	77.5	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 2000	79.0	79.0	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 1800	80.2	80.3	80.5	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 1500	81.6	81.9	82.2	82.4	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 1200	82.6	83.4	83.9	84.1	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1000	83.6	85.1	86.0	86.3	88.1	88.1	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 900	83.6	85.3	86.9	87.3	89.1	89.1	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 800	84.0	85.8	87.5	88.1	89.9	89.9	90.0	90.2	90.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 700	84.0	85.8	88.0	88.8	90.7	90.7	91.0	91.1	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 600	84.3	86.2	88.3	89.3	91.4	91.4	92.0	92.6	92.6	93.2	93.3	93.3	93.3	93.3	93.3	93.3
GE 500	85.1	87.0	89.2	90.2	93.0	93.2	93.8	94.4	94.4	95.4	95.5	95.5	95.6	95.6	95.6	95.6
GE 400	85.1	87.1	89.3	90.4	93.6	93.9	94.7	95.4	95.4	96.5	96.6	96.6	96.7	96.7	96.7	96.7
GE 300	85.1	87.3	89.4	90.5	94.1	94.4	95.5	96.2	96.6	97.8	98.1	98.1	98.2	98.2	98.2	98.3
GE 200	85.1	87.4	89.6	90.7	94.2	94.5	95.9	97.0	97.3	98.5	98.8	98.8	99.0	99.0	99.2	99.3
GE 100	85.1	87.4	89.6	90.7	94.2	94.5	95.9	97.0	97.3	98.8	99.2	99.2	99.4	99.4	99.5	99.9
GE 000	85.1	87.4	89.6	90.7	94.2	94.5	95.9	97.0	97.3	98.8	99.2	99.2	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 824

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	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	59.7
GE 20000	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	65.0
GE 18000	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	65.0
GE 16000	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	65.0
GE 14000	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 12000	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	67.7
GE 10000	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	71.9
GE 9000	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	71.9
GE 8000	72.6	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	73.0
GE 7000	73.8	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 6000	74.5	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 5000	74.5	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 4500	76.4	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	77.2
GE 4000	76.4	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	77.2
GE 3500	76.4	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	77.2
GE 3000	78.3	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 2500	80.2	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	81.0
GE 2000	81.4	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 1800	82.1	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 1500	84.0	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 1200	84.4	85.6	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1000	85.6	86.7	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 900	85.9	87.1	88.2	88.2	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	86.7	87.8	89.4	89.7	90.5	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 700	86.7	88.2	89.7	90.5	91.6	91.6	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 600	87.1	88.6	90.1	90.9	92.8	92.8	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 500	87.5	89.0	90.5	91.3	93.5	93.5	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 400	87.5	89.0	90.5	91.6	95.1	95.1	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 300	87.5	89.0	90.5	92.0	95.4	95.4	96.2	96.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.3
GE 200	87.5	89.0	90.5	92.0	95.8	95.8	97.0	97.3	97.3	97.3	97.7	97.7	97.7	98.1	98.1	98.5
GE 100	87.5	89.0	90.5	92.0	95.8	95.8	97.0	97.7	97.7	97.7	98.5	98.5	98.5	98.9	98.9	99.2
GE 000	87.5	89.0	90.5	92.0	95.8	95.8	97.0	97.7	97.7	97.7	98.5	98.5	98.5	98.9	98.9	99.2

TOTAL NUMBER OF OBSERVATIONS 263

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	51.5	51.8	52.1	52.3	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6
GE 20000	56.6	57.0	57.2	57.5	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.9
GE 18000	56.8	57.2	57.4	57.7	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.1
GE 16000	56.8	57.2	57.4	57.7	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.1
GE 14000	57.0	57.4	57.6	57.9	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.3
GE 12000	58.4	58.8	59.0	59.3	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.7
GE 10000	61.5	62.0	62.3	62.5	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9
GE 9000	61.9	62.4	62.6	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.3
GE 8000	64.3	64.9	65.2	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.9
GE 7000	65.7	66.3	66.7	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.4
GE 6000	66.1	66.8	67.2	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.9
GE 5000	67.1	67.9	68.3	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.0
GE 4500	68.2	69.0	69.4	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.1
GE 4000	68.9	69.8	70.2	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.9
GE 3500	69.5	70.4	70.7	71.0	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.5
GE 3000	71.3	72.3	72.7	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.5
GE 2500	73.1	74.1	74.7	75.0	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6
GE 2000	74.6	75.6	76.2	76.6	76.8	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.3
GE 1800	75.3	76.4	77.0	77.4	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.2
GE 1500	77.3	78.5	79.4	79.8	80.2	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.7
GE 1200	78.8	80.9	82.1	82.7	83.2	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.9
GE 1000	80.1	82.4	84.0	84.9	85.9	86.1	86.3	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.7	86.8
GE 900	80.4	82.9	84.6	85.6	86.6	86.9	87.2	87.3	87.3	87.5	87.5	87.5	87.6	87.6	87.6	87.8
GE 800	80.8	83.3	85.2	86.2	87.3	87.6	88.1	88.2	88.3	88.6	88.6	88.6	88.7	88.7	88.8	88.9
GE 700	81.0	83.7	85.8	87.1	88.6	88.9	89.6	89.8	89.8	90.2	90.2	90.2	90.3	90.3	90.4	90.6
GE 600	81.5	84.3	86.5	88.1	89.9	90.3	91.0	91.3	91.4	91.8	92.0	92.0	92.1	92.1	92.2	92.4
GE 500	82.0	84.9	87.3	88.9	91.2	91.7	92.7	93.1	93.2	93.7	93.9	93.9	94.0	94.1	94.2	94.3
GE 400	82.1	85.1	87.6	89.4	92.0	92.6	93.8	94.5	94.7	95.4	95.6	95.6	95.8	95.8	95.9	96.1
GE 300	82.1	85.2	87.7	89.6	92.5	93.2	94.6	95.4	95.8	96.6	96.9	97.0	97.2	97.3	97.5	97.7
GE 200	82.1	85.2	87.8	89.7	92.7	93.5	95.0	96.1	96.5	97.6	98.0	98.0	98.3	98.5	98.7	99.0
GE 100	82.1	85.2	87.8	89.7	92.7	93.5	95.1	96.3	96.7	98.0	98.4	98.4	98.9	99.1	99.5	99.9
GE 000	82.1	85.2	87.8	89.7	92.7	93.5	95.1	96.3	96.7	98.0	98.4	98.4	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 4403

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457      STATION NAME: FT LEONARD WOOD/FORNEY AAF MD      PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6      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	41.0	41.8	42.9	43.5	44.4	44.4	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.9	45.2
GE 20000	45.2	46.3	47.8	48.5	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	50.2	50.5
GE 18000	45.2	46.3	47.8	48.5	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	50.2	50.5
GE 16000	45.2	46.3	47.8	48.5	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	50.2	50.5
GE 14000	45.2	46.3	47.8	48.5	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	50.2	50.5
GE 12000	45.5	46.6	48.1	48.8	50.0	50.0	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.5	50.8
GE 10000	47.1	48.1	49.7	50.3	51.5	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	52.0	52.3
GE 9000	47.8	49.1	50.6	51.2	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.9	53.3
GE 8000	48.6	50.2	51.7	52.3	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	54.0	54.3
GE 7000	50.3	52.0	53.6	54.2	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.9	56.2
GE 6000	51.1	52.9	54.5	55.1	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	57.0	57.3
GE 5000	51.9	53.9	55.4	56.0	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.9	58.2
GE 4500	53.4	55.4	57.0	57.6	59.0	59.1	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.8	60.1
GE 4000	53.7	55.7	57.6	58.2	59.8	59.9	60.2	60.5	60.5	60.5	60.7	60.7	60.7	60.7	61.0	61.3
GE 3500	54.6	56.7	58.7	59.3	60.8	61.0	61.5	61.8	61.8	61.8	61.9	61.9	61.9	61.9	62.2	62.5
GE 3000	55.7	58.2	60.4	61.0	63.0	63.3	63.8	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.6	64.9
GE 2500	56.5	59.1	61.3	61.9	64.1	64.4	65.0	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.8	66.1
GE 2000	58.7	61.3	63.5	64.2	66.4	66.7	67.6	68.0	68.0	68.0	68.1	68.1	68.3	68.3	68.6	68.9
GE 1800	59.4	62.1	64.2	65.0	67.3	67.6	68.6	68.9	68.9	68.9	69.0	69.0	69.2	69.2	69.5	69.8
GE 1500	61.8	65.0	67.2	68.0	70.4	70.7	72.0	72.3	72.3	72.3	72.4	72.4	72.6	72.6	72.9	73.2
GE 1200	62.4	65.9	68.1	68.9	71.5	71.8	73.4	73.7	73.7	73.7	73.8	73.8	74.1	74.1	74.5	74.8
GE 1000	63.2	66.9	69.3	70.3	73.5	73.8	75.4	75.7	75.7	75.7	75.9	75.9	76.2	76.2	76.5	76.8
GE 900	63.8	67.5	70.0	70.9	74.6	74.9	76.5	76.8	76.9	76.9	77.1	77.1	77.4	77.4	77.7	78.0
GE 800	65.2	69.2	72.0	73.2	77.4	77.7	79.9	80.2	80.3	80.3	80.5	80.5	80.8	80.8	81.1	81.4
GE 700	65.6	69.7	72.6	73.8	78.0	78.8	81.3	81.9	82.0	82.0	82.2	82.2	82.5	82.5	82.8	83.1
GE 600	65.6	69.7	72.8	74.3	78.8	79.6	82.4	83.0	83.1	83.4	83.6	83.6	83.9	83.9	84.2	84.7
GE 500	66.3	70.4	73.7	75.4	80.0	81.3	84.5	85.1	85.3	86.1	86.5	86.5	87.2	87.2	87.5	88.2
GE 400	66.3	70.4	73.8	75.5	80.5	82.2	86.2	87.2	87.3	88.2	88.7	88.7	89.5	89.5	89.8	90.7
GE 300	66.3	70.4	74.1	76.0	81.0	82.7	86.7	87.9	88.2	89.3	89.9	89.9	91.3	91.3	91.5	93.5
GE 200	66.3	70.4	74.1	76.0	81.1	82.8	87.0	88.2	88.5	90.2	91.3	91.3	93.0	93.5	94.9	96.4
GE 100	66.3	70.4	74.1	76.0	81.1	83.0	87.2	88.4	88.7	90.9	92.1	92.1	94.0	94.6	96.0	99.7
GE 000	66.3	70.4	74.1	76.0	81.1	83.0	87.2	88.4	88.7	90.9	92.1	92.1	94.0	94.6	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 646

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	42.6	43.5	43.9	44.0	44.1	44.1	44.1	44.1	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.4
GE 20000	48.5	49.7	50.2	50.5	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.1
GE 18000	48.5	49.7	50.2	50.5	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.1
GE 16000	48.5	49.7	50.2	50.5	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.1
GE 14000	48.6	49.8	50.3	50.6	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.3
GE 12000	49.5	50.9	51.4	51.6	52.0	52.0	52.0	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.3
GE 10000	51.8	53.1	53.6	53.9	54.3	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.7
GE 9000	52.4	53.8	54.3	54.5	54.9	54.9	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.3
GE 8000	53.1	54.8	55.5	55.7	56.1	56.1	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.5
GE 7000	55.3	57.0	57.7	58.0	58.4	58.4	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.8
GE 6000	55.9	57.7	58.5	58.8	59.2	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.6
GE 5000	56.3	58.1	58.9	59.2	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 4500	57.3	59.2	60.1	60.5	60.9	60.9	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.5
GE 4000	57.4	59.3	60.2	60.6	61.0	61.1	61.5	61.5	61.5	61.7	61.7	61.8	61.8	61.8	61.8	61.9
GE 3500	58.0	59.9	61.0	61.5	61.9	62.1	62.5	62.5	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.8
GE 3000	58.5	60.6	61.7	62.2	62.8	63.0	63.5	63.5	63.5	63.8	63.8	63.9	63.9	63.9	63.9	64.0
GE 2500	59.8	61.9	63.1	63.9	64.7	64.8	65.5	65.5	65.5	65.7	65.7	65.9	65.9	65.9	65.9	66.0
GE 2000	63.2	65.6	67.3	68.2	69.3	69.6	70.4	70.4	70.4	70.6	70.6	70.8	70.8	70.8	70.8	70.9
GE 1800	64.0	66.4	68.2	69.2	70.2	70.5	71.3	71.3	71.3	71.5	71.5	71.7	71.7	71.7	71.7	71.8
GE 1500	66.4	69.3	71.4	72.3	74.3	75.0	75.8	75.8	75.8	76.3	76.4	76.5	76.5	76.5	76.5	76.7
GE 1200	67.5	70.4	72.7	73.8	75.8	76.4	77.3	77.6	77.6	78.1	78.3	78.4	78.4	78.4	78.4	78.5
GE 1000	68.8	71.9	74.4	75.8	78.4	79.1	80.1	80.6	80.6	81.3	81.4	81.6	81.7	81.7	81.7	81.8
GE 900	69.3	72.7	75.5	76.8	79.6	80.2	81.3	81.8	81.8	82.5	82.6	82.7	82.9	82.9	82.9	83.0
GE 800	69.8	73.8	76.9	78.8	81.6	82.2	83.4	84.1	84.1	84.8	85.0	85.1	85.2	85.2	85.2	85.4
GE 700	70.2	74.7	78.4	80.5	83.3	84.3	85.5	86.7	86.7	87.5	87.6	87.7	87.9	87.9	87.9	88.0
GE 600	70.2	74.8	78.5	80.6	83.7	84.8	86.0	87.2	87.2	88.1	88.4	88.5	88.7	88.8	88.8	89.1
GE 500	70.4	75.1	78.8	81.2	84.5	85.8	87.1	88.5	88.5	89.6	90.1	90.3	90.4	90.5	90.5	90.8
GE 400	70.4	75.1	78.8	81.4	84.7	86.0	87.6	89.2	89.2	90.5	91.0	91.2	91.4	91.6	91.6	91.8
GE 300	70.4	75.5	79.2	81.9	86.0	87.6	89.7	91.8	91.8	93.3	94.3	94.6	95.0	95.3	95.3	95.5
GE 200	70.4	75.5	79.2	81.9	86.2	87.9	90.3	92.5	92.5	94.5	95.5	95.8	96.4	96.8	97.1	97.6
GE 100	70.4	75.5	79.2	81.9	86.2	87.9	90.3	92.5	92.5	94.5	95.7	95.9	96.7	97.2	98.2	99.9
GE 000	70.4	75.5	79.2	81.9	86.2	87.9	90.3	92.5	92.5	94.5	95.7	95.9	96.7	97.2	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 759

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457      STATION NAME: FT LEONARD WOOD/FORNEY AAF MO      PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6      MONTH: FEB      HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.0	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 20000	55.5	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	55.9	55.9
GE 18000	55.5	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	55.9	55.9
GE 16000	55.5	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	55.9	55.9
GE 14000	55.5	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	55.9	55.9
GE 12000	56.5	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 10000	59.1	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 9000	59.7	60.0	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 8000	60.5	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	61.0	61.0
GE 7000	61.4	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 6000	61.7	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 5000	62.3	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 4500	62.9	63.3	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	63.6
GE 4000	63.1	63.5	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 3500	63.7	64.3	64.7	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
GE 3000	66.5	67.3	68.3	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 2500	68.8	70.4	71.3	71.7	71.8	71.8	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 2000	71.9	73.8	74.9	75.3	75.4	75.4	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 1800	73.1	75.0	76.2	76.6	76.8	76.8	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 1500	75.9	77.9	79.2	80.3	81.0	81.2	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1200	76.9	79.0	80.6	81.8	82.9	83.2	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1000	77.5	80.5	82.6	84.2	85.4	85.9	86.3	86.3	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.6
GE 900	78.5	81.5	84.3	85.9	87.2	87.6	88.1	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7
GE 800	78.6	81.9	85.1	86.8	88.2	88.9	89.4	89.8	89.8	89.9	90.0	90.0	90.4	90.4	90.4	90.4
GE 700	79.0	82.4	86.2	88.0	89.7	90.4	90.8	91.2	91.2	91.3	91.4	91.4	91.8	91.8	91.8	91.8
GE 600	79.3	82.8	86.6	88.6	90.4	91.3	91.8	92.3	92.3	92.4	92.6	92.6	93.0	93.0	93.0	93.0
GE 500	79.5	83.2	87.3	89.5	91.7	92.6	93.2	93.8	93.8	93.9	94.2	94.2	94.5	94.5	94.5	94.5
GE 400	79.5	83.5	87.9	90.1	92.3	93.2	93.9	94.9	94.9	95.2	95.5	95.5	95.8	95.8	95.8	95.8
GE 300	79.9	83.8	88.2	90.7	93.1	94.1	95.1	96.3	96.6	97.0	97.4	97.5	98.1	98.1	98.1	98.1
GE 200	79.9	83.8	88.2	90.7	93.1	94.1	95.1	96.4	96.7	97.1	97.9	98.1	98.8	98.8	98.9	99.2
GE 100	79.9	83.8	88.2	90.7	93.1	94.1	95.1	96.4	96.7	97.1	97.9	98.3	99.2	99.2	99.5	100.0
GE 000	79.9	83.8	88.2	90.7	93.1	94.1	95.1	96.4	96.7	97.1	97.9	98.3	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS      841

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 20000	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	53.2
GE 18000	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	53.2
GE 16000	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	53.2
GE 14000	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 12000	55.1	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 10000	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 9000	58.5	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 8000	61.1	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 7000	62.3	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 6000	62.4	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	63.3	63.3
GE 5000	63.0	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 4500	63.8	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 4000	64.4	65.2	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 3500	65.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 3000	68.4	69.7	70.5	70.5	70.6	70.6	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 2500	71.9	73.8	74.7	74.9	75.2	75.3	75.3	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 2000	75.2	77.1	78.5	78.7	79.0	79.1	79.1	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 1800	75.7	77.8	79.5	79.7	80.3	80.4	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 1500	79.0	81.4	83.5	84.3	85.2	85.6	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 1200	80.0	82.7	85.1	86.2	87.3	87.7	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1000	80.1	82.8	85.2	86.5	88.0	88.4	88.4	88.5	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 900	80.9	83.7	86.5	87.8	89.6	90.0	90.0	90.3	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 800	81.0	84.2	87.5	89.1	90.9	91.3	91.3	91.5	91.5	92.0	92.2	92.2	92.2	92.2	92.2	92.2
GE 700	81.4	84.6	87.8	89.5	91.4	91.8	91.8	92.0	92.0	92.5	92.7	92.7	92.7	92.7	92.7	92.7
GE 600	81.5	84.7	88.0	89.6	91.5	91.9	92.0	92.3	92.3	92.8	93.0	93.0	93.0	93.0	93.0	93.0
GE 500	81.5	85.1	88.7	90.4	92.4	92.8	92.9	93.2	93.2	93.8	94.2	94.2	94.2	94.2	94.3	94.3
GE 400	81.5	85.2	89.0	90.6	92.9	93.5	93.9	94.7	94.7	95.3	95.7	95.7	95.7	95.7	95.8	95.8
GE 300	81.9	85.7	89.6	91.4	93.7	94.3	94.8	96.5	96.5	97.2	97.6	97.6	97.6	97.6	98.0	98.1
GE 200	81.9	85.7	90.0	91.8	94.1	94.7	95.3	97.0	97.0	97.7	98.2	98.2	98.6	98.6	99.1	99.6
GE 100	81.9	85.7	90.0	91.8	94.1	94.7	95.3	97.0	97.0	97.8	98.4	98.4	98.7	98.7	99.2	100.0
GE 000	81.9	85.7	90.0	91.8	94.1	94.7	95.3	97.0	97.0	97.8	98.4	98.4	98.7	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 790

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 20000	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 18000	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 16000	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 14000	55.6	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	55.9	55.9
GE 12000	56.6	56.7	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 10000	59.1	59.3	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 9000	59.7	59.8	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 8000	61.3	61.6	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 7000	62.1	62.4	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 6000	63.6	63.9	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 5000	65.0	65.2	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 4500	66.3	66.7	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 4000	66.8	67.4	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 3500	67.8	68.3	69.1	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 3000	69.7	70.4	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
GE 2500	72.0	73.2	74.4	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 2000	74.3	76.5	78.1	78.8	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 1800	75.9	78.2	80.0	80.6	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1500	77.0	79.4	81.2	82.1	82.9	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1200	77.4	80.1	81.9	83.2	84.4	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1000	77.7	80.4	82.3	84.2	85.4	85.5	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 900	78.2	81.2	83.1	85.0	86.3	86.5	87.0	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 800	78.3	81.6	84.4	86.3	88.2	88.5	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 700	78.8	82.1	85.3	87.1	89.2	89.4	90.1	90.3	90.5	90.5	90.7	90.7	90.7	90.7	90.8	90.8
GE 600	78.8	82.1	85.4	87.4	89.9	90.1	90.8	91.5	92.0	92.0	92.2	92.2	92.2	92.2	92.3	92.3
GE 500	79.2	82.8	86.1	88.6	91.1	91.5	92.2	92.8	93.5	93.6	93.8	94.0	94.2	94.2	94.3	94.5
GE 400	79.2	82.8	86.1	88.8	91.5	91.9	92.6	93.6	94.3	94.9	95.1	95.4	95.5	95.5	95.7	95.8
GE 300	79.2	82.8	86.1	88.8	91.9	92.3	93.0	94.9	95.7	96.2	96.5	96.8	96.9	97.0	97.2	97.4
GE 200	79.2	82.8	86.3	89.2	92.6	93.0	93.6	95.5	96.3	96.9	97.3	97.6	97.7	98.0	98.4	99.2
GE 100	79.2	82.8	86.3	89.3	92.7	93.1	93.8	95.9	96.8	97.3	98.0	98.2	98.4	98.6	99.1	100.0
GE 000	79.2	82.8	86.3	89.3	92.7	93.1	93.8	95.9	96.8	97.3	98.0	98.2	98.4	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 739

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	46.5	46.5	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 20000	50.8	50.8	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 18000	50.8	50.8	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 16000	50.8	50.8	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 14000	50.8	50.8	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 12000	51.4	51.4	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 10000	54.6	54.6	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 9000	54.6	54.6	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 8000	55.1	55.1	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 7000	55.7	55.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 6000	56.2	56.2	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 5000	57.8	57.8	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 4500	59.5	59.5	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	60.5
GE 4000	60.5	60.5	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	61.6
GE 3500	63.2	63.2	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 3000	65.9	65.9	67.0	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 2500	67.6	68.1	70.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 2000	70.8	71.9	74.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 1800	72.4	74.1	76.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 1500	74.6	76.2	78.9	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 1200	75.1	77.3	80.0	82.7	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 1000	75.1	77.3	80.0	83.2	84.3	84.3	84.3	84.3	84.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 900	75.7	77.8	80.5	83.8	84.9	84.9	84.9	84.9	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 800	76.2	78.4	81.6	84.9	86.5	86.5	86.5	86.5	86.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 700	76.2	78.4	82.7	86.5	88.1	88.1	88.1	88.1	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 600	76.8	78.9	83.8	87.6	89.7	89.7	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 500	77.3	80.0	84.9	89.7	91.9	91.9	91.9	91.9	91.9	92.4	92.4	92.4	93.0	93.0	93.0	93.0
GE 400	77.3	80.0	84.9	89.7	91.9	91.9	91.9	91.9	92.4	92.4	93.0	93.5	93.5	94.1	94.1	94.1
GE 300	77.3	80.0	84.9	89.7	91.9	91.9	91.9	93.5	93.5	94.1	95.1	95.1	96.2	96.2	96.2	96.2
GE 200	77.3	80.0	84.9	90.3	92.4	92.4	92.4	94.6	94.6	95.1	96.2	96.2	97.8	97.8	97.8	98.4
GE 100	77.3	80.0	84.9	90.3	92.4	92.4	92.4	95.1	95.1	95.7	96.8	96.8	98.9	98.9	99.5	100.0
GE 000	77.3	80.0	84.9	90.3	92.4	92.4	92.4	95.1	95.1	95.7	96.8	96.8	98.9	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 185

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MD  
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	45.3	45.6	45.9	46.1	46.2	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.4
GE 20000	51.6	52.1	52.5	52.6	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.1
GE 18000	51.6	52.1	52.5	52.6	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.1
GE 16000	51.6	52.1	52.5	52.6	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.1
GE 14000	52.0	52.4	52.9	53.0	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.5
GE 12000	52.9	53.4	53.9	54.1	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.5
GE 10000	55.3	55.9	56.4	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.1
GE 9000	55.9	56.5	57.0	57.2	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.7
GE 8000	57.2	58.0	58.5	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.2
GE 7000	58.5	59.3	60.0	60.1	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6
GE 6000	59.1	60.0	60.7	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.4
GE 5000	59.9	60.8	61.5	61.7	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.2
GE 4500	60.9	61.9	62.7	62.8	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4
GE 4000	61.3	62.3	63.1	63.3	63.6	63.7	63.8	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.1
GE 3500	62.2	63.4	64.2	64.5	64.8	64.9	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.3
GE 3000	64.1	65.5	66.7	67.0	67.5	67.6	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.1
GE 2500	66.2	68.0	69.3	69.8	70.5	70.6	70.8	70.9	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.2
GE 2000	69.1	71.3	72.9	73.5	74.2	74.3	74.7	74.7	74.7	74.8	74.9	74.9	74.9	74.9	75.0	75.1
GE 1800	70.2	72.4	74.1	74.7	75.6	75.7	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.4	76.5
GE 1500	72.5	75.1	77.0	77.9	79.2	79.5	80.0	80.1	80.1	80.3	80.3	80.3	80.4	80.4	80.4	80.5
GE 1200	73.4	76.1	78.2	79.3	80.9	81.2	81.8	81.9	81.9	82.1	82.1	82.2	82.2	82.2	82.3	82.3
GE 1000	73.9	76.9	79.2	80.7	82.6	83.0	83.6	83.8	83.8	84.1	84.1	84.2	84.2	84.2	84.3	84.4
GE 900	74.6	77.7	80.3	81.8	83.9	84.3	84.9	85.2	85.3	85.6	85.6	85.7	85.7	85.7	85.8	85.9
GE 800	75.1	78.5	81.6	83.3	85.6	86.1	86.9	87.2	87.3	87.6	87.7	87.7	87.9	87.9	87.9	88.0
GE 700	75.4	79.0	82.5	84.3	86.7	87.3	88.2	88.7	88.7	89.0	89.2	89.2	89.3	89.3	89.4	89.5
GE 600	75.6	79.2	82.7	84.7	87.3	88.0	88.9	89.5	89.6	90.0	90.2	90.3	90.4	90.4	90.5	90.6
GE 500	75.8	79.7	83.4	85.6	88.4	89.2	90.3	91.0	91.1	91.7	92.0	92.1	92.3	92.3	92.4	92.7
GE 400	75.8	79.8	83.6	85.9	88.9	89.8	91.1	92.1	92.3	93.0	93.4	93.5	93.8	93.8	93.9	94.1
GE 300	76.0	80.1	83.9	86.4	89.6	90.6	92.1	93.7	94.0	94.8	95.4	95.5	96.0	96.1	96.3	96.6
GE 200	76.0	80.1	84.0	86.5	89.9	90.9	92.5	94.2	94.4	95.5	96.2	96.4	97.1	97.3	97.8	98.5
GE 100	76.0	80.1	84.0	86.6	89.9	90.9	92.6	94.3	94.6	95.7	96.6	96.8	97.6	97.9	98.5	99.9
GE 000	76.0	80.1	84.0	86.6	89.9	90.9	92.6	94.3	94.6	95.7	96.6	96.8	97.6	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 3960

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/PORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	42.6	43.5	44.2	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 20000	46.4	47.2	48.1	48.5	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 18000	46.5	47.4	48.2	48.6	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 16000	46.5	47.4	48.2	48.6	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 14000	46.7	47.5	48.3	48.7	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 12000	48.2	49.0	49.9	50.3	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 10000	50.8	51.7	52.8	53.2	53.6	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 9000	51.4	52.2	53.5	53.9	54.3	54.3	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 8000	52.9	53.8	55.3	55.7	56.1	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 7000	53.6	54.5	56.0	56.5	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 6000	53.8	54.6	56.1	56.7	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 5000	55.8	56.7	58.2	58.8	59.3	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 4500	58.2	59.1	60.9	61.6	62.3	62.4	62.4	62.5	62.5	62.7	62.7	62.7	62.8	62.8	62.8	62.8
GE 4000	58.5	59.5	61.4	62.1	62.8	63.0	63.0	63.2	63.2	63.4	63.5	63.5	63.6	63.6	63.6	63.6
GE 3500	60.0	61.1	63.2	64.1	64.8	65.0	65.0	65.3	65.3	65.5	65.6	65.6	65.7	65.7	65.7	65.7
GE 3000	62.3	63.4	65.5	66.3	67.0	67.4	67.4	67.7	67.7	67.8	68.0	68.0	68.1	68.1	68.1	68.1
GE 2500	64.1	65.3	67.5	68.8	69.9	70.3	70.3	70.8	70.8	70.9	71.0	71.0	71.2	71.2	71.2	71.2
GE 2000	67.3	68.9	71.7	73.1	74.5	75.1	75.3	75.6	75.6	75.8	75.9	75.9	76.0	76.0	76.0	76.0
GE 1800	68.2	69.9	72.7	74.1	75.5	76.0	76.3	76.6	76.6	76.7	76.9	76.9	77.0	77.0	77.0	77.0
GE 1500	71.6	73.4	76.3	77.9	79.5	80.1	80.4	80.6	80.6	80.8	80.9	80.9	81.1	81.1	81.1	81.1
GE 1200	73.1	75.1	78.1	79.8	81.6	82.2	82.5	82.7	82.7	82.9	83.0	83.0	83.1	83.1	83.1	83.3
GE 1000	75.1	77.0	80.2	81.9	83.7	84.4	85.0	85.2	85.2	85.5	85.7	85.7	85.8	85.8	85.8	85.9
GE 900	75.1	77.3	81.2	82.9	84.8	85.5	86.1	86.4	86.4	86.6	86.8	86.8	86.9	86.9	86.9	87.0
GE 800	75.9	78.3	82.3	84.1	86.1	86.8	87.5	87.7	87.7	88.0	88.2	88.2	88.3	88.3	88.3	88.4
GE 700	76.9	79.7	84.0	86.4	88.6	89.4	90.5	90.8	90.8	91.4	91.5	91.6	91.8	91.8	91.8	91.9
GE 600	77.6	80.4	84.8	87.5	89.7	90.5	91.9	92.2	92.2	92.8	92.9	93.0	93.2	93.2	93.2	93.3
GE 500	77.7	80.5	85.1	87.9	90.9	91.8	93.6	93.9	93.9	94.4	94.7	94.8	95.0	95.0	95.0	95.1
GE 400	77.7	80.5	85.1	88.2	91.5	92.3	94.2	94.4	94.4	95.1	95.4	95.5	95.8	95.8	96.0	96.4
GE 300	77.7	80.5	85.1	88.2	91.6	92.6	94.6	95.0	95.0	96.1	96.4	96.5	96.9	96.9	97.4	98.1
GE 200	77.7	80.5	85.1	88.2	91.6	92.6	94.6	95.0	95.1	96.2	96.5	96.7	97.1	97.2	97.6	98.9
GE 100	77.7	80.5	85.1	88.2	91.6	92.6	94.6	95.0	95.1	96.2	96.5	96.7	97.1	97.5	98.2	99.9
GE 000	77.7	80.5	85.1	88.2	91.6	92.6	94.6	95.0	95.1	96.2	96.5	96.7	97.1	97	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 718

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	44.1	44.4	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 20000	51.1	51.4	52.1	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 18000	51.2	51.5	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 16000	51.2	51.5	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 14000	51.7	52.0	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 12000	53.0	53.3	54.0	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 10000	54.7	55.1	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	55.9
GE 9000	55.1	55.4	56.1	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 8000	57.3	57.8	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
GE 7000	58.4	58.9	60.0	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 6000	58.5	59.0	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 5000	59.5	59.9	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
GE 4500	60.6	61.1	62.3	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
GE 4000	61.7	62.3	63.5	63.6	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 3500	63.0	63.6	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
GE 3000	65.0	65.8	66.9	67.2	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 2500	68.5	69.7	71.3	71.6	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 2000	71.6	73.0	74.9	75.1	76.0	76.1	76.2	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 1800	72.2	73.6	75.5	75.9	76.8	76.9	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 1500	74.3	75.9	78.1	78.6	79.9	80.0	80.1	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 1200	77.2	79.1	81.9	82.4	83.7	83.8	83.9	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1000	78.5	80.9	83.9	84.9	86.6	86.7	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 900	79.3	81.8	85.3	86.2	88.1	88.2	88.3	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 800	79.8	82.5	86.4	87.5	89.4	89.5	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 700	80.7	83.6	88.0	89.5	92.2	92.4	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 600	81.2	84.1	88.8	90.8	93.6	94.1	94.6	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 500	81.3	84.3	89.8	91.9	95.2	95.7	96.6	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 400	81.8	84.8	90.5	92.6	96.1	96.6	97.4	97.5	97.5	97.9	98.0	98.0	98.0	98.0	98.0	98.2
GE 300	81.8	84.9	90.6	92.9	96.4	96.9	97.7	98.1	98.1	98.5	98.8	98.8	98.8	98.8	98.8	99.3
GE 200	81.8	84.9	90.6	92.9	96.4	96.9	97.7	98.1	98.1	98.5	99.0	99.0	99.2	99.2	99.2	99.8
GE 100	81.8	84.9	90.6	92.9	96.4	96.9	97.7	98.1	98.1	98.5	99.0	99.0	99.3	99.4	99.4	100.0
GE 000	81.8	84.9	90.6	92.9	96.4	96.9	97.7	98.1	98.1	98.5	99.0	99.0	99.3	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 841

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457      STATION NAME: FT LEONARD WOOD/FORNEY AAF MO      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	47.7	48.0	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 20000	55.5	56.0	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 18000	55.7	56.2	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 16000	55.7	56.2	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 14000	56.3	56.7	57.2	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 12000	57.3	57.7	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 10000	58.6	59.0	59.4	59.5	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 9000	58.7	59.1	59.5	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 8000	60.7	61.2	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 7000	61.6	62.1	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 6000	61.8	62.4	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 5000	62.9	63.4	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	64.1
GE 4500	63.8	64.3	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
GE 4000	64.5	65.1	65.6	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 3500	65.8	66.4	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 3000	68.3	69.2	69.7	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 2500	73.1	74.6	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 2000	75.6	77.3	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 1800	75.9	77.8	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 1500	79.2	81.6	83.0	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1200	82.0	84.4	86.0	86.4	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 1000	83.5	86.3	88.8	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7
GE 900	84.1	87.0	89.8	90.5	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4
GE 800	84.7	88.0	90.9	91.5	92.4	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8
GE 700	85.9	89.6	92.5	93.4	94.5	94.6	94.7	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0
GE 600	86.0	89.7	93.1	94.0	95.1	95.2	95.6	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 500	86.6	90.3	94.0	95.0	96.5	96.7	97.6	98.5	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8
GE 400	86.6	90.5	94.3	95.3	97.0	97.4	98.5	99.3	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	86.6	90.5	94.3	95.3	97.0	97.4	98.5	99.3	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	86.6	90.5	94.3	95.3	97.0	97.4	98.5	99.3	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0
GE 100	86.6	90.5	94.3	95.3	97.0	97.4	98.5	99.3	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0
GE 000	86.6	90.5	94.3	95.3	97.0	97.4	98.5	99.3	99.3	99.6	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 922

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	48.0	48.1	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 20000	55.4	55.5	55.6	55.6	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 18000	55.5	55.6	55.7	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
GE 16000	55.5	55.6	55.7	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
GE 14000	56.2	56.3	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 12000	57.5	57.6	57.7	57.7	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 10000	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	60.7	60.7
GE 9000	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	60.7	60.7
GE 8000	62.6	62.7	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	63.4	63.5	63.9	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
GE 6000	64.9	65.0	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	65.5
GE 5000	65.7	65.9	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 4500	67.4	67.5	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 4000	68.2	68.3	68.6	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
GE 3500	69.9	70.0	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 3000	74.0	74.4	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 2500	77.5	78.2	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 2000	80.6	81.4	82.3	82.5	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 1800	81.4	82.2	83.2	83.3	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 1500	83.7	84.9	85.8	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1200	85.1	86.5	87.6	88.0	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 1000	86.2	88.0	89.4	90.0	90.8	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 900	86.6	88.5	89.9	90.8	92.1	92.3	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 800	87.2	89.2	90.8	91.9	93.3	93.5	93.6	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 700	87.8	89.9	91.5	92.9	94.3	94.5	94.7	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6
GE 600	88.4	90.5	92.5	94.0	95.4	95.6	95.9	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 500	88.7	90.9	93.0	94.9	96.5	97.0	97.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	88.7	90.9	93.1	95.1	97.1	97.6	98.3	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	88.7	90.9	93.1	95.1	97.1	97.6	98.3	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	88.7	90.9	93.1	95.1	97.1	97.6	98.3	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	88.7	90.9	93.1	95.1	97.1	97.6	98.3	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	88.7	90.9	93.1	95.1	97.1	97.6	98.3	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 861

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.2	47.4	48.0	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 20000	54.9	55.0	55.6	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 18000	55.9	56.0	56.6	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 16000	55.9	56.0	56.6	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 14000	56.4	56.5	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 12000	58.3	58.4	59.0	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 10000	59.6	59.7	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 9000	60.0	60.1	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 8000	63.5	63.6	64.2	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 7000	64.5	64.7	65.3	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 6000	66.5	66.6	67.2	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 5000	68.3	68.4	69.0	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 4500	69.8	70.2	70.8	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 4000	70.8	71.2	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 3500	72.5	73.1	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 3000	75.5	76.6	77.2	77.6	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 2500	78.7	80.0	80.9	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 2000	81.4	82.7	83.9	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1800	81.6	82.9	84.3	85.1	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1500	82.2	83.5	85.3	86.5	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1200	83.1	84.5	86.5	88.3	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1000	83.4	85.1	87.6	89.9	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 900	84.1	85.8	88.6	91.0	92.1	92.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 800	84.3	86.1	88.8	91.6	92.7	92.8	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 700	84.3	86.7	89.4	92.2	93.5	93.6	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 600	84.4	86.9	89.8	92.5	94.0	94.4	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 500	84.6	87.4	90.4	93.5	95.7	96.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	84.7	87.5	90.5	93.8	96.0	96.4	97.4	97.7	97.7	97.8	98.0	98.0	98.1	98.1	98.1	98.1
GE 300	84.7	87.6	90.6	93.9	96.4	96.8	97.8	98.3	98.3	98.4	98.7	98.7	98.8	98.8	98.8	98.8
GE 200	84.7	87.6	90.6	93.9	96.4	96.8	97.8	98.3	98.3	98.4	99.0	99.0	99.5	99.5	99.5	99.5
GE 100	84.7	87.6	90.6	93.9	96.4	96.8	97.8	98.3	98.3	98.4	99.0	99.0	99.8	99.9	100.0	100.0
GE 000	84.7	87.6	90.6	93.9	96.4	96.8	97.8	98.3	98.3	98.4	99.0	99.0	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 832

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	56.8	56.8	57.3	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 20000	64.1	64.1	64.6	65.0	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 18000	64.6	64.6	65.0	65.5	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 16000	64.6	64.6	65.0	65.5	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 14000	65.0	65.0	65.5	66.0	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 12000	66.0	66.0	66.5	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
GE 10000	68.9	68.9	69.4	69.9	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 9000	69.4	69.4	69.9	70.4	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 8000	70.9	70.9	71.4	71.8	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 7000	71.4	71.4	71.8	72.3	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 6000	72.3	72.8	73.3	73.8	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 5000	73.3	73.8	74.3	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
GE 4500	74.8	75.2	75.7	76.2	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 4000	75.2	75.7	76.2	76.7	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 3500	75.7	76.7	77.2	77.7	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 3000	78.6	80.1	80.6	81.1	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 2500	79.6	81.6	82.0	82.5	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 2000	82.0	84.0	85.0	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1800	82.5	85.0	85.9	86.4	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 1500	83.5	85.9	87.4	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 1200	83.5	85.9	87.4	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 1000	84.0	86.9	90.3	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 900	84.5	87.4	90.8	91.7	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 800	84.5	87.4	90.8	91.7	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 700	84.5	87.4	90.8	91.7	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 600	84.5	87.4	90.8	92.2	93.2	93.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 500	85.0	87.9	91.3	92.7	94.7	95.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 400	85.0	87.9	91.7	93.2	95.1	95.6	97.1	97.1	97.1	97.1	97.1	97.1	97.6	97.6	97.6	97.6
GE 300	85.0	88.3	92.2	93.7	95.6	96.6	98.1	98.1	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5
GE 200	85.0	88.3	92.2	93.7	95.6	96.6	98.1	98.1	98.1	98.1	98.1	98.5	98.5	99.5	99.5	99.5
GE 100	85.0	88.3	92.2	93.7	95.6	96.6	98.1	98.1	98.1	98.1	98.1	98.5	98.5	99.5	100.0	100.0
GE 000	85.0	88.3	92.2	93.7	95.6	96.6	98.1	98.1	98.1	98.1	98.1	98.5	98.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 206

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	46.6	46.9	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 20000	53.4	53.8	54.3	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 18000	53.8	54.1	54.6	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 16000	53.8	54.1	54.6	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 14000	54.2	54.6	55.1	55.3	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 12000	55.6	55.9	56.5	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 10000	57.6	57.9	58.5	58.7	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 9000	57.9	58.2	58.8	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 8000	60.2	60.5	61.3	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 7000	61.1	61.4	62.2	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 6000	61.8	62.3	63.0	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 5000	63.2	63.6	64.4	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 4500	64.6	65.1	65.9	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5
GE 4000	65.4	65.9	66.8	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4
GE 3500	66.9	67.5	68.4	68.7	68.8	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0
GE 3000	69.7	70.5	71.4	71.8	72.0	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 2500	73.0	74.2	75.3	75.8	76.2	76.2	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 2000	75.8	77.3	78.8	79.3	79.8	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
GE 1800	76.4	77.9	79.5	80.0	80.6	80.8	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 1500	78.7	80.4	82.2	82.9	83.7	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1200	80.5	82.4	84.4	85.3	86.2	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6
GE 1000	81.7	83.9	86.4	87.6	88.6	88.8	88.9	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2
GE 900	82.2	84.5	87.4	88.6	90.0	90.2	90.3	90.5	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7
GE 800	82.7	85.2	88.2	89.6	91.0	91.3	91.5	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9
GE 700	83.4	86.2	89.4	91.1	92.8	93.1	93.4	93.7	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0
GE 600	83.8	86.6	90.0	92.0	93.7	94.1	94.8	95.1	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4
GE 500	84.1	87.0	90.7	92.8	95.1	95.6	96.6	97.1	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.5
GE 400	84.2	87.1	91.0	93.2	95.7	96.2	97.2	97.8	97.8	98.1	98.2	98.3	98.4	98.4	98.4	98.5
GE 300	84.2	87.2	91.1	93.3	95.8	96.4	97.5	98.2	98.2	98.5	98.8	98.8	98.9	98.9	99.0	99.2
GE 200	84.2	87.2	91.1	93.3	95.8	96.4	97.5	98.2	98.2	98.6	98.9	99.0	99.2	99.2	99.3	99.7
GE 100	84.2	87.2	91.1	93.3	95.8	96.4	97.5	98.2	98.2	98.6	98.9	99.0	99.3	99.4	99.6	100.0
GE 000	84.2	87.2	91.1	93.3	95.8	96.4	97.5	98.2	98.2	98.6	98.9	99.0	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 4380

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO 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	51.9	52.8	52.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.7	54.7	54.7	55.7
GE 20000	63.2	64.2	64.2	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	66.0	66.0	66.0	67.0
GE 18000	63.2	64.2	64.2	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	66.0	66.0	66.0	67.0
GE 16000	63.2	64.2	64.2	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	66.0	66.0	66.0	67.0
GE 14000	63.2	64.2	64.2	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	66.0	66.0	66.0	67.0
GE 12000	63.2	64.2	64.2	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	66.0	66.0	66.0	67.0
GE 10000	67.0	67.9	67.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.8	69.8	69.8	70.8
GE 9000	67.9	68.9	68.9	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.7	71.7	71.7	72.6
GE 8000	69.8	70.8	70.8	72.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	74.5	74.5	74.5	75.5
GE 7000	70.8	71.7	71.7	73.6	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	75.5	75.5	75.5	76.4
GE 6000	71.7	72.6	72.6	74.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	76.4	76.4	76.4	77.4
GE 5000	73.6	75.5	75.5	77.4	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	79.2	79.2	79.2	80.2
GE 4500	75.5	77.4	77.4	79.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	81.1	81.1	81.1	82.1
GE 4000	75.5	77.4	77.4	79.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	81.1	81.1	81.1	82.1
GE 3500	75.5	77.4	77.4	79.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	81.1	81.1	81.1	82.1
GE 3000	76.4	78.3	78.3	81.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	83.0	83.0	83.0	84.0
GE 2500	76.4	78.3	78.3	81.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	83.0	83.0	83.0	84.0
GE 2000	79.2	81.1	81.1	84.0	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.8	86.8	86.8	87.7
GE 1800	79.2	81.1	81.1	84.0	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.8	86.8	86.8	87.7
GE 1500	79.2	81.1	81.1	84.0	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.8	86.8	86.8	87.7
GE 1200	80.2	82.1	82.1	84.9	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.7	87.7	87.7	88.7
GE 1000	81.1	83.0	84.0	86.8	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.6	89.6	89.6	90.6
GE 900	81.1	83.0	85.8	88.7	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	91.5	91.5	91.5	92.5
GE 800	81.1	83.0	85.8	88.7	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	91.5	91.5	91.5	92.5
GE 700	81.1	83.0	85.8	88.7	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	91.5	91.5	91.5	92.5
GE 600	81.1	83.0	85.8	88.7	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	91.5	91.5	91.5	92.5
GE 500	81.1	83.0	85.8	88.7	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	91.5	91.5	91.5	92.5
GE 400	82.1	84.0	87.7	90.6	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	93.4	93.4	93.4	94.3
GE 300	82.1	84.0	87.7	90.6	94.3	94.3	95.3	95.3	95.3	95.3	95.3	95.3	96.2	96.2	96.2	97.2
GE 200	83.0	84.9	88.7	91.5	96.2	96.2	97.2	97.2	97.2	97.2	97.2	97.2	98.1	98.1	98.1	100.0
GE 100	83.0	84.9	88.7	91.5	96.2	96.2	97.2	97.2	97.2	97.2	97.2	97.2	98.1	98.1	98.1	100.0
GE 000	83.0	84.9	88.7	91.5	96.2	96.2	97.2	97.2	97.2	97.2	97.2	97.2	98.1	98.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 106

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 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	51.0	51.6	52.7	53.0	53.3	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	54.0
GE 20000	55.9	56.6	57.7	58.0	58.2	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.9
GE 18000	56.0	56.7	57.8	58.1	58.4	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	59.1
GE 16000	56.0	56.7	57.8	58.1	58.4	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	59.1
GE 14000	56.2	56.9	58.0	58.2	58.5	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.2
GE 12000	57.8	58.5	59.6	59.9	60.2	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.9
GE 10000	60.7	61.4	62.8	63.0	63.3	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	64.0
GE 9000	61.3	62.0	63.3	63.6	63.9	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.6
GE 8000	62.2	62.9	64.3	64.7	65.0	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.7
GE 7000	63.6	64.6	65.9	66.3	66.8	67.0	67.0	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.9
GE 6000	64.6	65.5	67.0	67.6	68.0	68.3	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.1
GE 5000	66.6	67.6	69.2	69.8	70.2	70.6	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.4
GE 4500	67.4	68.4	70.1	70.6	71.2	71.6	71.6	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.4
GE 4000	68.1	69.1	70.7	71.3	71.8	72.3	72.3	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.1
GE 3500	69.1	70.1	71.7	72.3	72.8	73.2	73.2	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.0
GE 3000	71.0	72.0	73.8	74.6	75.3	75.7	75.7	76.2	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.6
GE 2500	72.1	73.4	75.1	76.2	76.9	77.3	77.3	78.0	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.4
GE 2000	74.7	76.0	77.9	79.3	80.2	80.6	80.8	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.9
GE 1800	75.3	76.5	78.4	79.9	80.9	81.3	81.5	82.1	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.7
GE 1500	76.0	77.2	79.3	81.0	82.0	82.4	82.7	83.5	83.5	83.7	83.8	83.8	83.8	83.8	83.8	84.2
GE 1200	76.9	78.3	80.5	82.3	83.7	84.1	84.3	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.9
GE 1000	78.6	80.1	82.4	84.3	86.0	86.4	86.8	87.6	87.8	87.9	88.2	88.2	88.2	88.2	88.2	88.6
GE 900	78.8	80.4	82.7	84.8	86.4	86.8	87.2	88.0	88.2	88.3	88.6	88.6	88.6	88.6	88.6	89.0
GE 800	79.3	80.8	83.2	85.3	87.0	87.4	87.9	88.7	88.9	89.0	89.3	89.3	89.3	89.3	89.3	89.7
GE 700	79.8	81.5	84.1	86.1	87.8	88.2	88.9	89.7	90.0	90.1	90.4	90.4	90.4	90.4	90.4	90.8
GE 600	80.1	81.7	84.6	87.0	89.1	89.6	90.2	91.5	91.8	92.0	92.3	92.3	92.3	92.3	92.3	92.9
GE 500	80.5	82.1	85.6	88.3	90.5	90.9	91.9	93.4	93.7	94.0	94.2	94.2	94.2	94.2	94.2	94.8
GE 400	80.9	82.6	86.1	89.1	91.5	92.0	93.3	94.9	95.2	95.6	95.9	95.9	95.9	95.9	95.9	96.4
GE 300	80.9	82.7	86.3	89.3	91.9	92.6	94.1	96.0	96.3	96.8	97.1	97.1	97.1	97.1	97.1	97.7
GE 200	80.9	82.7	86.3	89.3	92.0	92.7	94.4	96.8	97.1	97.7	98.1	98.1	98.2	98.2	98.4	99.2
GE 100	80.9	82.7	86.3	89.3	92.0	92.7	94.4	97.0	97.3	97.8	98.2	98.2	98.6	98.6	99.0	100.0
GE 000	80.9	82.7	86.3	89.3	92.0	92.7	94.4	97.0	97.3	97.8	98.2	98.2	98.6	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 728

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457      STATION NAME: FT LEONARD WOOD/FORNEY AAF MO      PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6      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	51.5	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 20000	58.7	59.5	59.5	59.5	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 18000	58.7	59.5	59.5	59.5	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 16000	58.7	59.5	59.5	59.5	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 14000	59.0	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 12000	61.0	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 10000	63.3	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	64.4	64.4
GE 9000	63.8	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	64.8	64.8
GE 8000	66.5	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	67.7
GE 7000	67.7	68.9	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 6000	68.9	70.1	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 5000	70.9	72.1	72.3	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 4500	72.0	73.2	73.4	73.5	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4000	72.6	73.9	74.1	74.2	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 3500	73.8	75.1	75.1	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3000	76.4	77.7	78.1	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 2500	78.1	79.5	80.0	80.3	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 2000	81.0	82.3	82.9	83.1	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1800	81.6	82.9	83.6	84.0	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1500	82.8	84.1	84.8	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
GE 1200	84.9	86.6	87.3	88.0	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1000	86.5	89.0	90.0	91.0	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 900	86.9	89.4	90.6	91.8	92.2	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 800	87.4	89.9	91.1	92.3	92.6	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 700	87.4	90.1	91.4	92.6	93.1	93.3	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 600	88.5	91.3	92.6	94.3	94.8	95.0	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 500	89.0	91.9	93.7	95.4	96.3	96.6	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 400	89.1	92.3	94.1	95.7	97.0	97.3	97.7	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	89.1	92.3	94.2	95.8	97.3	97.5	98.2	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	89.2	92.4	94.3	96.0	97.4	97.6	98.3	98.9	99.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8
GE 100	89.2	92.4	94.3	96.0	97.4	97.6	98.5	99.0	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0
GE 000	89.2	92.4	94.3	96.0	97.4	97.6	98.5	99.0	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 842

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/PORNEY AAF MO  
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	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 20000	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	59.0
GE 18000	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 16000	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 14000	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	59.4	59.4	59.4
GE 12000	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	60.0
GE 10000	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 9000	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 8000	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 7000	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 6000	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	67.3	67.3	67.3
GE 5000	69.1	69.6	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
GE 4500	71.0	71.5	71.5	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	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 3500	74.9	75.7	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
GE 3000	80.2	81.3	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 2500	83.7	84.7	85.0	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 2000	85.5	86.6	87.2	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1800	85.6	86.8	87.5	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1500	87.3	88.6	89.3	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1200	88.8	90.8	91.7	91.9	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1000	90.6	92.9	94.1	94.4	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 900	91.0	93.2	94.5	94.9	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 800	91.9	94.2	95.5	96.2	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
GE 700	92.0	94.3	95.8	96.4	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7
GE 600	92.5	94.9	96.3	97.0	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
GE 500	92.9	95.3	96.8	97.5	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
GE 400	93.0	95.4	96.9	97.7	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
GE 300	93.0	95.4	96.9	97.7	98.9	99.1	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7
GE 200	93.0	95.4	96.9	97.7	98.9	99.1	99.2	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0
GE 100	93.0	95.4	96.9	97.7	98.9	99.1	99.2	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0
GE 000	93.0	95.4	96.9	97.7	98.9	99.1	99.2	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 896

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 20000	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 18000	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 16000	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 14000	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 12000	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	59.4	59.4	59.4
GE 10000	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	62.8
GE 9000	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	62.8
GE 8000	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	65.6	65.6
GE 7000	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 6000	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 5000	71.3	71.4	71.4	71.5	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	73.5	73.6	73.7	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 4000	75.4	75.6	75.7	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3500	77.0	77.3	77.4	77.6	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 3000	81.2	81.9	82.0	82.3	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 2500	83.7	84.8	85.2	85.7	86.6	86.7	86.8	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2000	84.1	85.5	85.9	86.4	87.7	87.8	87.9	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800	85.1	86.4	86.9	87.4	88.6	88.8	88.9	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1500	86.7	88.0	88.5	89.0	90.2	90.3	90.5	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1200	88.4	90.0	91.1	91.6	92.8	92.9	93.0	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1000	89.6	91.3	92.4	93.2	94.4	94.5	94.6	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 900	90.0	91.8	92.9	93.6	94.9	95.0	95.1	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 800	90.5	92.3	93.4	94.3	95.5	95.6	95.7	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 700	90.6	92.4	93.8	94.9	96.2	96.3	96.5	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	91.1	92.9	94.5	95.6	96.9	97.1	97.2	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	91.4	93.4	95.0	96.2	97.8	97.9	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	91.6	93.6	95.2	96.5	98.4	98.5	98.7	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	91.6	93.6	95.2	96.5	98.8	99.0	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.6	93.6	95.2	96.5	98.8	99.0	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.6	93.6	95.2	96.5	98.8	99.0	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.6	93.6	95.2	96.5	98.8	99.0	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 818

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 20000	62.1	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	62.3
GE 18000	62.1	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	62.3
GE 16000	62.1	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	62.3
GE 14000	62.2	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	62.6
GE 12000	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 10000	65.7	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 9000	66.1	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	68.9	69.4	69.5	69.5	69.5	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 7000	69.9	70.4	70.5	70.5	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 6000	73.5	74.0	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 5000	74.1	74.7	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4500	76.7	77.4	78.1	78.1	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 4000	77.4	78.0	78.9	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 3500	79.6	80.4	81.4	81.4	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 3000	82.6	83.7	85.2	85.2	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 2500	84.8	86.1	87.6	87.9	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 2000	86.6	88.0	89.6	89.9	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800	86.6	88.0	89.6	89.9	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1500	87.7	89.4	91.3	91.7	92.2	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1200	88.1	89.8	92.2	92.8	93.4	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1000	89.0	90.8	93.2	93.8	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 900	89.4	91.2	93.6	94.2	94.9	95.1	95.2	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 800	89.8	91.7	94.1	94.8	95.6	95.8	96.0	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 700	89.8	91.8	94.2	94.9	95.7	96.0	96.1	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 600	90.1	92.2	94.6	95.4	96.2	96.5	96.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	90.1	92.7	95.1	96.0	97.0	97.3	97.6	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	90.3	93.0	95.4	96.3	97.6	98.0	98.2	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	90.3	93.0	95.4	96.3	97.9	98.2	98.7	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	90.3	93.0	95.4	96.3	97.9	98.2	98.7	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	90.3	93.0	95.4	96.3	98.0	98.4	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.3	93.0	95.4	96.3	98.0	98.4	98.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 791

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	69.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 20000	73.7	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 18000	73.7	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 16000	73.7	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 14000	73.7	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 12000	73.7	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 10000	75.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 9000	75.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 8000	76.3	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 7000	76.3	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 6000	77.6	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	78.9
GE 5000	77.6	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	78.9
GE 4500	80.3	81.6	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 4000	80.3	81.6	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 3500	81.6	82.9	86.8	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 3000	86.8	88.2	92.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2500	90.8	92.1	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2000	90.8	92.1	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	90.8	92.1	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	90.8	92.1	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	90.8	92.1	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	90.8	92.1	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	90.8	92.1	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	90.8	92.1	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	90.8	92.1	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	90.8	92.1	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	90.8	92.1	96.1	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	90.8	92.1	96.1	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	90.8	92.1	96.1	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.8	92.1	96.1	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.8	92.1	96.1	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.8	92.1	96.1	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 76

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY FAF MO  
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	51.7	52.0	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5
GE 20000	59.1	59.5	59.7	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 18000	59.1	59.5	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0
GE 16000	59.2	59.5	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0
GE 14000	59.3	59.7	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2
GE 12000	60.9	61.3	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7
GE 10000	63.2	63.6	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2
GE 9000	63.5	64.0	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5
GE 8000	65.9	66.4	66.7	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1
GE 7000	67.2	67.7	68.0	68.2	68.3	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 6000	69.0	69.6	69.9	70.0	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4
GE 5000	70.6	71.4	71.8	72.0	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5
GE 4500	72.4	73.1	73.6	73.9	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4
GE 4000	73.6	74.4	74.9	75.2	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7
GE 3500	75.1	75.9	76.6	76.9	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5
GE 3000	78.5	79.6	80.4	80.8	81.1	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.5
GE 2500	80.8	82.0	82.9	83.4	83.8	84.0	84.0	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.4
GE 2000	82.6	83.9	85.0	85.5	86.1	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7
GE 1800	83.1	84.4	85.5	86.0	86.7	86.8	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.3
GE 1500	84.3	85.7	86.8	87.5	88.1	88.3	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8
GE 1200	85.6	87.3	88.7	89.5	90.2	90.4	90.5	90.7	90.7	90.8	90.8	90.8	90.9	90.9	90.9	91.0
GE 1000	87.0	89.0	90.6	91.5	92.4	92.6	92.8	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.3
GE 900	87.4	89.3	91.1	92.1	93.0	93.2	93.3	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.9
GE 800	87.9	89.9	91.6	92.8	93.7	93.9	94.1	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.7
GE 700	88.0	90.1	92.0	93.2	94.2	94.4	94.6	94.9	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.3
GE 600	88.6	90.7	92.6	94.0	95.1	95.3	95.6	96.0	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.4
GE 500	88.9	91.2	93.3	94.8	96.1	96.4	96.7	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.5
GE 400	89.1	91.5	93.7	95.2	96.7	97.0	97.4	97.9	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.5
GE 300	89.1	91.5	93.7	95.2	97.1	97.4	98.0	98.6	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.2
GE 200	89.1	91.5	93.8	95.3	97.2	97.5	98.1	98.9	99.0	99.3	99.5	99.5	99.5	99.5	99.6	99.8
GE 100	89.1	91.5	93.8	95.3	97.2	97.5	98.1	99.0	99.1	99.4	99.5	99.6	99.7	99.7	99.8	100.0
GE 000	89.1	91.5	93.8	95.3	97.2	97.5	98.1	99.0	99.1	99.4	99.5	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 4257

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	42.2	46.0	48.1	49.2	50.8	50.8	52.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	54.5
GE 20000	47.1	51.3	54.0	55.6	58.3	58.3	59.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	62.0
GE 18000	47.6	51.9	54.5	56.1	58.8	58.8	60.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	62.6
GE 16000	47.6	51.9	54.5	56.1	58.8	58.8	60.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	62.6
GE 14000	48.1	52.4	55.1	56.7	59.4	59.4	61.0	62.0	62.0	62.0	62.0	62.6	62.6	62.6	62.6	63.6
GE 12000	48.7	54.0	56.7	58.3	61.0	61.0	62.6	63.6	63.6	63.6	64.2	64.2	64.2	64.2	64.2	65.2
GE 10000	52.4	58.8	62.0	63.6	66.3	66.3	67.9	69.0	69.0	69.0	69.5	69.5	69.5	69.5	69.5	70.6
GE 9000	52.4	58.8	62.0	63.6	66.3	66.3	67.9	69.5	69.5	69.5	70.1	70.1	70.1	70.1	70.1	71.1
GE 8000	53.5	59.9	63.1	65.2	67.9	67.9	70.1	71.7	71.7	71.7	72.2	72.2	72.2	72.2	72.2	73.3
GE 7000	53.5	59.9	63.1	65.2	67.9	67.9	70.1	71.7	71.7	71.7	72.2	72.2	72.2	72.2	72.2	73.3
GE 6000	54.5	61.5	65.2	67.9	70.6	70.6	72.7	74.3	74.3	74.3	74.9	74.9	74.9	74.9	74.9	75.9
GE 5000	56.1	64.2	67.9	71.1	74.3	74.3	76.5	78.1	78.1	78.1	78.6	78.6	78.6	78.6	78.6	79.7
GE 4500	56.1	64.2	67.9	71.1	74.3	74.3	76.5	78.1	78.1	78.1	78.6	78.6	78.6	78.6	78.6	79.7
GE 4000	57.2	65.2	69.5	72.7	76.5	76.5	78.6	80.2	80.2	80.2	80.7	80.7	80.7	80.7	80.7	81.8
GE 3500	57.8	65.8	70.1	73.3	77.0	77.0	79.1	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	82.4
GE 3000	59.9	67.9	72.2	75.4	80.2	80.2	82.4	84.0	84.0	84.0	84.5	84.5	84.5	84.5	84.5	85.6
GE 2500	61.0	69.0	73.3	76.5	81.3	81.3	83.4	85.0	85.0	85.0	85.6	85.6	85.6	85.6	85.6	86.6
GE 2000	62.0	70.1	74.9	78.1	82.9	82.9	85.0	86.6	86.6	86.6	87.2	87.2	87.2	87.2	87.2	88.2
GE 1800	62.0	70.1	74.9	78.1	82.9	82.9	85.0	86.6	86.6	86.6	87.2	87.2	87.2	87.2	87.2	88.2
GE 1500	62.0	70.6	75.4	79.1	84.0	84.0	86.6	88.2	88.2	88.2	88.8	88.8	88.8	88.8	88.8	89.8
GE 1200	62.6	71.1	75.9	79.7	84.5	84.5	87.2	88.8	88.8	88.8	89.3	89.3	89.3	89.3	89.3	90.4
GE 1000	64.7	73.3	78.1	81.8	87.2	87.2	89.8	91.4	91.4	91.4	92.0	92.0	92.0	92.0	92.0	93.0
GE 900	64.7	73.3	78.1	81.8	87.2	87.2	89.8	91.4	91.4	91.4	92.0	92.0	92.0	92.0	92.0	93.0
GE 800	65.2	73.8	78.6	82.4	87.7	87.7	90.4	92.0	92.0	92.0	92.5	92.5	92.5	92.5	92.5	93.6
GE 700	65.8	74.3	79.1	82.9	88.2	88.2	90.9	92.5	92.5	92.5	93.0	93.0	93.0	93.0	93.0	94.1
GE 600	65.8	74.3	79.1	82.9	88.2	88.2	90.9	92.5	92.5	92.5	93.0	93.0	93.0	93.0	93.0	94.1
GE 500	65.8	74.3	79.1	82.9	88.8	88.8	91.4	93.0	93.0	93.0	93.6	93.6	93.6	93.6	93.6	94.7
GE 400	65.8	74.3	79.1	82.9	88.8	88.8	91.4	93.0	93.6	93.6	94.1	94.1	94.1	94.1	94.1	95.2
GE 300	65.8	74.3	79.1	82.9	88.8	89.3	92.5	94.7	95.7	95.7	96.3	96.3	96.8	96.8	96.8	97.9
GE 200	65.8	74.3	79.1	82.9	88.8	89.3	92.5	95.2	96.3	96.8	97.3	97.3	97.9	97.9	97.9	98.9
GE 100	65.8	74.3	79.1	82.9	88.8	89.3	92.5	95.2	96.3	96.8	97.3	97.3	97.9	97.9	97.9	100.0
GE 000	65.8	74.3	79.1	82.9	88.8	89.3	92.5	95.2	96.3	96.8	97.3	97.3	97.9	97.9	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 187

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/PORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	42.7	45.0	46.3	47.4	48.9	49.3	49.4	49.5	49.6	49.6	49.6	49.6	49.9	49.9	49.9	50.0
GE 20000	49.4	52.1	53.7	55.0	56.8	57.1	57.3	57.5	57.6	57.6	57.6	57.6	57.9	57.9	57.9	58.0
GE 18000	49.6	52.3	53.9	55.3	57.0	57.4	57.5	57.8	57.9	57.9	57.9	57.9	58.1	58.1	58.1	58.3
GE 16000	49.6	52.3	53.9	55.3	57.0	57.4	57.5	57.8	57.9	57.9	57.9	57.9	58.1	58.1	58.1	58.3
GE 14000	50.2	53.0	54.6	55.9	57.6	58.0	58.1	58.4	58.5	58.5	58.5	58.5	58.7	58.7	58.7	58.9
GE 12000	52.1	54.9	56.5	58.1	59.9	60.2	60.3	60.6	60.7	60.7	60.7	60.7	61.0	61.0	61.0	61.1
GE 10000	58.3	61.5	63.2	64.8	66.5	66.9	67.0	67.2	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.7
GE 9000	59.1	62.4	64.2	65.8	67.5	67.9	68.0	68.2	68.3	68.3	68.3	68.3	68.6	68.6	68.6	68.7
GE 8000	62.9	66.5	68.2	70.0	71.8	72.3	72.4	72.7	72.8	72.8	72.8	72.8	73.2	73.2	73.2	73.3
GE 7000	63.5	67.2	69.1	70.9	72.8	73.3	73.4	73.8	73.9	73.9	73.9	73.9	74.3	74.3	74.3	74.4
GE 6000	64.7	68.6	70.4	72.4	74.3	74.8	74.9	75.2	75.4	75.4	75.4	75.4	75.7	75.7	75.7	75.9
GE 5000	66.0	70.1	72.0	74.1	76.0	76.5	76.6	77.0	77.1	77.1	77.1	77.1	77.5	77.5	77.5	77.6
GE 4500	66.5	70.7	72.7	74.9	76.7	77.2	77.3	77.7	77.8	77.8	77.8	77.8	78.2	78.2	78.2	78.3
GE 4000	67.0	71.3	73.5	75.7	78.1	78.6	78.7	79.1	79.2	79.2	79.2	79.2	79.6	79.6	79.6	79.7
GE 3500	67.6	71.9	74.4	76.7	79.2	79.7	79.8	80.2	80.3	80.3	80.3	80.3	80.7	80.7	80.7	80.8
GE 3000	68.5	73.2	76.1	78.6	81.9	82.5	82.6	83.0	83.1	83.1	83.1	83.1	83.5	83.5	83.5	83.6
GE 2500	69.2	73.9	76.8	79.4	83.0	83.6	83.7	84.1	84.2	84.2	84.2	84.2	84.6	84.6	84.6	84.7
GE 2000	70.0	74.9	78.0	80.5	84.1	84.7	84.9	85.2	85.3	85.3	85.3	85.3	85.7	85.7	85.7	85.8
GE 1800	70.7	75.6	78.7	81.3	84.9	85.5	85.6	86.0	86.1	86.1	86.1	86.1	86.5	86.5	86.5	86.6
GE 1500	72.2	77.1	80.3	82.9	86.6	87.2	87.6	88.1	88.2	88.2	88.2	88.2	88.5	88.5	88.5	88.7
GE 1200	72.7	77.8	81.2	83.7	87.6	88.2	88.5	89.0	89.2	89.2	89.2	89.2	89.5	89.5	89.5	89.7
GE 1000	74.3	79.4	82.8	85.5	89.3	90.1	90.5	91.0	91.1	91.1	91.1	91.3	91.3	91.6	91.6	91.7
GE 900	74.3	79.4	82.9	85.6	89.4	90.4	90.8	91.3	91.4	91.5	91.6	91.6	92.0	92.0	92.0	92.1
GE 800	74.6	79.8	83.3	86.1	90.0	91.1	91.6	92.2	92.4	92.5	92.6	92.6	93.0	93.0	93.0	93.1
GE 700	75.2	80.4	83.9	86.8	90.9	92.2	92.7	93.5	93.6	93.7	93.8	93.8	94.2	94.2	94.2	94.3
GE 600	75.4	80.5	84.0	87.1	91.1	92.7	93.3	94.1	94.2	94.3	94.5	94.5	94.8	94.8	94.8	95.0
GE 500	75.6	80.9	84.4	87.6	91.9	93.6	94.2	95.1	95.2	95.3	95.4	95.4	95.8	95.9	95.9	96.1
GE 400	75.6	80.9	84.4	87.6	92.0	93.7	94.6	95.4	95.8	95.9	96.1	96.1	96.4	96.6	96.6	96.7
GE 300	75.7	81.0	84.7	87.9	92.4	94.2	95.4	96.3	96.7	96.9	97.0	97.0	97.4	97.5	97.5	97.7
GE 200	75.7	81.0	84.7	87.9	92.4	94.2	95.4	96.4	96.9	97.3	97.5	97.5	97.9	98.0	98.2	98.5
GE 100	75.7	81.0	84.7	87.9	92.4	94.2	95.6	96.6	97.0	97.4	97.8	98.0	98.5	98.6	99.0	99.8
GE 000	75.7	81.0	84.7	87.9	92.4	94.2	95.6	96.6	97.0	97.4	97.8	98.0	98.5	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 812

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	48.5	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 20000	57.7	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 18000	57.7	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 16000	57.7	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 14000	58.2	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	59.7	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 10000	64.0	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 9000	65.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 8000	68.4	69.8	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 7000	69.1	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 6000	70.7	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 5000	71.7	73.8	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	72.0	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 4000	72.6	74.8	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 3500	73.4	75.6	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 3000	75.7	78.2	78.9	79.0	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 2500	78.4	81.1	81.8	82.0	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 2000	80.0	83.1	83.9	84.0	84.5	84.5	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1800	80.6	83.8	84.6	84.7	85.2	85.2	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1500	82.8	86.1	87.1	87.6	88.3	88.3	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1200	84.1	87.7	89.0	89.4	90.1	90.2	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1000	86.7	90.6	91.8	92.3	93.4	93.6	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 900	87.0	90.9	92.3	92.8	93.9	94.1	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 800	87.6	91.6	93.0	93.4	95.1	95.3	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 700	88.0	92.2	93.6	94.0	96.0	96.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 600	88.2	92.4	94.0	94.7	97.1	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	88.9	93.1	94.7	95.4	97.8	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	88.9	93.1	94.7	95.4	97.9	98.4	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	88.9	93.1	94.7	95.5	98.0	98.5	99.0	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	88.9	93.1	94.7	95.5	98.0	98.5	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	88.9	93.1	94.7	95.5	98.0	98.5	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	88.9	93.1	94.7	95.5	98.0	98.5	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS \* 870

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 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	46.3	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 20000	55.9	56.5	56.6	56.6	56.6	56.6	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 18000	55.9	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 16000	55.9	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 14000	56.0	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 12000	57.6	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 10000	61.6	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	62.6	62.6
GE 9000	62.6	63.3	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	66.3	67.1	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
GE 7000	68.4	69.1	69.5	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 6000	69.6	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
GE 5000	71.0	71.9	72.3	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 4500	71.2	72.2	72.5	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 4000	72.6	73.5	73.9	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	74.8	75.8	76.1	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 3000	79.8	80.9	81.6	82.0	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2500	84.8	86.2	87.0	87.4	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 2000	87.4	89.1	89.9	90.3	90.6	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1800	88.2	89.9	90.6	91.1	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1500	90.8	92.5	93.4	94.0	94.3	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	91.9	93.8	94.8	95.4	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	92.6	94.5	95.6	96.1	96.6	96.7	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	92.7	94.6	96.0	96.7	97.1	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 800	93.1	95.1	96.5	97.1	97.5	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	93.4	95.4	96.8	97.4	97.8	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	93.5	95.5	96.9	97.5	98.1	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	93.8	95.7	97.1	97.8	98.4	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	93.9	95.7	97.1	97.8	98.4	98.8	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	93.8	95.7	97.1	97.8	98.4	98.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	93.8	95.7	97.1	97.8	98.4	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.8	95.7	97.1	97.8	98.4	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.8	95.7	97.1	97.8	98.4	98.8	99.5	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: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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	48.1	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 20000	56.7	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 18000	56.7	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 16000	56.7	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 14000	57.0	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 12000	58.6	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 10000	61.2	61.8	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 9000	61.7	62.4	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 8000	67.4	68.2	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
GE 7000	69.4	70.2	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 6000	70.6	71.7	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 5000	71.9	73.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4500	73.0	74.2	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
GE 4000	74.3	75.5	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 3500	76.8	78.1	79.6	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 3000	84.2	85.5	87.1	87.5	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0
GE 2500	86.9	88.3	90.0	90.4	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.0	91.0	91.0	91.0
GE 2000	89.0	90.7	92.4	93.0	93.1	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.7
GE 1800	89.6	91.4	93.3	93.9	94.0	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6
GE 1500	91.0	93.0	94.9	95.5	95.6	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2
GE 1200	91.7	93.7	95.6	96.2	96.3	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 1000	92.1	94.4	96.3	97.1	97.3	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.9	97.9	97.9	97.9
GE 900	92.3	94.5	96.4	97.3	97.4	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 800	92.4	94.6	96.5	97.4	97.5	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 700	92.5	94.8	96.8	97.6	97.7	98.1	98.2	98.2	98.3	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 600	92.5	94.8	96.8	97.6	97.9	98.2	98.3	98.6	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 500	92.6	94.9	96.9	97.7	98.0	98.6	98.7	98.9	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE 400	92.6	95.0	97.0	98.1	98.3	98.9	99.0	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	92.6	95.0	97.0	98.1	98.3	98.9	99.2	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	92.6	95.0	97.0	98.1	98.3	98.9	99.2	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	92.6	95.0	97.0	98.1	98.3	98.9	99.2	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	92.6	95.0	97.0	98.1	98.3	98.9	99.2	99.4	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 840

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/PORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	51.4	51.7	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 20000	64.7	65.1	65.7	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 18000	64.9	65.3	66.0	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 16000	64.9	65.3	66.0	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 14000	64.9	65.3	66.0	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 12000	67.3	67.9	68.5	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 10000	69.9	70.7	71.4	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 9000	70.4	71.5	72.2	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 8000	76.4	77.9	78.6	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 7000	76.4	77.9	78.6	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 6000	77.8	79.4	80.3	81.3	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 5000	79.5	81.1	82.2	83.1	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4500	80.5	82.1	83.1	84.1	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4000	81.1	82.7	84.2	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
GE 3500	82.9	84.5	85.9	86.9	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 3000	86.2	87.8	89.4	90.5	90.9	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 2500	87.3	89.4	91.0	92.1	92.5	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2000	88.6	91.2	92.9	94.1	94.5	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1800	89.0	91.6	93.3	94.5	94.9	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1500	89.7	92.4	94.1	95.3	96.0	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1200	90.2	92.9	94.6	95.9	96.5	97.2	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1000	90.4	93.0	94.9	96.3	96.9	97.6	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	90.4	93.0	94.9	96.3	96.9	97.6	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	90.5	93.2	95.0	96.4	97.1	97.7	97.9	97.9	97.9	98.0	98.1	98.1	98.3	98.3	98.3	98.3
GE 700	90.6	93.3	95.4	96.8	97.5	98.1	98.3	98.3	98.3	98.5	98.7	98.7	98.8	98.8	98.8	98.8
GE 600	91.0	93.7	95.9	97.2	97.9	98.5	98.7	98.7	98.7	98.9	99.1	99.1	99.2	99.2	99.2	99.2
GE 500	91.4	94.1	96.3	97.6	98.3	99.3	99.5	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	91.4	94.1	96.3	97.6	98.3	99.3	99.5	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	91.4	94.1	96.3	97.6	98.3	99.3	99.5	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	91.4	94.1	96.3	97.6	98.3	99.3	99.5	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	91.4	94.1	96.3	97.6	98.3	99.3	99.5	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	91.4	94.1	96.3	97.6	98.3	99.3	99.5	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 747

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457      STATION NAME: FT LEONARD WOOD/FORNEY AAF MO      PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6      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	59.1	59.1	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	63.6
GE 20000	59.1	59.1	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	68.2
GE 18000	59.1	59.1	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	68.2
GE 16000	59.1	59.1	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	68.2
GE 14000	59.1	59.1	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	68.2
GE 12000	59.1	59.1	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	68.2
GE 10000	59.1	59.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 9000	59.1	59.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 8000	59.1	59.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 7000	59.1	59.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 6000	59.1	59.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 5000	59.1	59.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 4500	59.1	59.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 4000	59.1	59.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 3500	77.3	77.3	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 3000	77.3	77.3	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 2500	77.3	77.3	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 2000	77.3	77.3	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 1800	77.3	77.3	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 1500	77.3	77.3	90.9	90.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1200	77.3	77.3	90.9	90.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1000	77.3	77.3	90.9	95.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	77.3	77.3	90.9	95.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	77.3	77.3	90.9	95.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	77.3	77.3	90.9	95.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	77.3	77.3	90.9	95.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	77.3	77.3	90.9	95.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	77.3	77.3	90.9	95.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	77.3	77.3	90.9	95.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	77.3	77.3	90.9	95.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	77.3	77.3	90.9	95.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	77.3	77.3	90.9	95.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS      22

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	47.2	48.0	48.4	48.8	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.5
GE 20000	56.3	57.4	58.0	58.4	58.9	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.3	59.3
GE 18000	56.4	57.5	58.1	58.6	59.0	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4
GE 16000	56.4	57.5	58.1	58.6	59.0	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4
GE 14000	56.8	57.8	58.4	58.9	59.3	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7
GE 12000	58.5	59.7	60.4	60.9	61.3	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7
GE 10000	62.4	63.9	64.6	65.1	65.5	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9
GE 9000	63.2	64.8	65.6	66.1	66.5	66.6	66.7	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	67.0
GE 8000	67.4	69.2	70.1	70.7	71.1	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6
GE 7000	68.5	70.3	71.2	71.8	72.3	72.4	72.5	72.6	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8
GE 6000	69.8	71.8	72.9	73.6	74.0	74.2	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6
GE 5000	71.1	73.3	74.5	75.2	75.7	75.9	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3
GE 4500	71.7	73.9	75.1	75.9	76.4	76.6	76.7	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0
GE 4000	72.6	74.9	76.2	77.0	77.7	77.8	77.9	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2
GE 3500	74.3	76.5	77.9	78.8	79.5	79.7	79.8	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.1
GE 3000	78.0	80.4	82.1	83.0	84.1	84.3	84.5	84.6	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8
GE 2500	80.4	83.1	84.8	85.8	86.9	87.2	87.3	87.5	87.5	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7
GE 2000	82.1	85.1	86.9	87.9	89.0	89.3	89.5	89.7	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	90.0
GE 1800	82.7	85.7	87.5	88.6	89.7	90.0	90.2	90.4	90.4	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6
GE 1500	84.3	87.5	89.4	90.5	91.8	92.1	92.4	92.6	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.9
GE 1200	85.2	88.4	90.4	91.6	92.9	93.2	93.5	93.7	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	94.0
GE 1000	86.3	89.7	91.7	93.0	94.4	94.8	95.1	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.7
GE 900	86.4	89.8	92.0	93.3	94.7	95.1	95.5	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	96.0
GE 800	86.8	90.2	92.3	93.6	95.2	95.6	96.0	96.3	96.3	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6
GE 700	87.1	90.5	92.8	94.1	95.7	96.2	96.6	96.9	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3
GE 600	87.3	90.7	93.0	94.4	96.1	96.7	97.1	97.5	97.6	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9
GE 500	87.6	91.0	93.3	94.8	96.6	97.3	97.7	98.1	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.6
GE 400	87.6	91.1	93.3	94.8	96.7	97.5	98.0	98.5	98.6	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0
GE 300	87.6	91.1	93.4	94.9	96.8	97.6	98.3	98.8	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.4
GE 200	87.6	91.1	93.4	94.9	96.8	97.6	98.3	98.8	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.7
GE 100	87.6	91.1	93.4	94.9	96.8	97.6	98.3	98.9	99.1	99.3	99.4	99.5	99.6	99.7	99.7	99.7	100.0
GE 000	87.6	91.1	93.4	94.9	96.8	97.6	98.3	98.9	99.1	99.3	99.4	99.5	99.6	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 4408

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.9	50.3	54.2	57.5	60.9	62.0	62.6	64.2	66.5	67.0	67.6	67.6	67.6	67.6	67.6	68.2
GE 20000	52.5	55.9	59.8	63.7	67.6	68.7	69.3	70.9	73.7	74.3	74.9	74.9	75.4	75.4	75.4	76.0
GE 18000	52.5	55.9	59.8	63.7	67.6	68.7	69.3	70.9	73.7	74.3	74.9	74.9	75.4	75.4	75.4	76.0
GE 16000	52.5	55.9	59.8	63.7	67.6	68.7	69.3	70.9	73.7	74.3	74.9	74.9	75.4	75.4	75.4	76.0
GE 14000	52.5	55.9	59.8	63.7	67.6	68.7	69.3	70.9	73.7	74.3	74.9	74.9	75.4	75.4	75.4	76.0
GE 12000	53.1	56.4	60.3	64.2	68.2	69.3	69.8	71.5	74.3	74.9	75.4	75.4	76.0	76.0	76.0	76.5
GE 10000	55.3	58.7	62.6	66.5	70.4	71.5	72.6	74.9	78.2	78.8	79.3	79.3	79.9	79.9	79.9	80.4
GE 9000	57.0	60.3	64.2	68.2	72.6	73.7	74.9	77.1	80.4	81.0	81.6	81.6	82.1	82.1	82.1	82.7
GE 8000	57.5	62.0	65.9	70.4	74.9	76.0	77.1	79.3	82.7	83.2	83.8	83.8	84.4	84.4	84.4	84.9
GE 7000	57.5	62.0	65.9	70.4	74.9	76.0	77.1	79.3	82.7	83.2	83.8	83.8	84.4	84.4	84.4	84.9
GE 6000	58.1	62.6	66.5	70.9	75.4	76.5	77.7	79.9	83.2	83.8	84.4	84.4	84.9	84.9	84.9	85.5
GE 5000	59.2	63.7	67.6	72.1	76.5	77.7	78.8	81.0	84.4	84.9	85.5	85.5	86.0	86.0	86.0	86.6
GE 4500	59.2	64.2	68.2	73.2	77.7	78.8	79.9	82.1	86.0	86.6	87.2	87.2	87.7	87.7	87.7	88.3
GE 4000	59.2	64.2	68.2	73.2	77.7	78.8	79.9	82.1	86.6	87.2	87.7	87.7	88.3	88.3	88.3	88.8
GE 3500	59.8	64.8	68.7	73.7	78.2	79.3	80.4	82.7	87.2	87.7	88.3	88.3	88.8	88.8	88.8	89.4
GE 3000	60.3	65.4	69.3	74.3	78.8	79.9	81.0	83.2	87.7	88.3	88.8	88.8	89.4	89.4	89.4	89.9
GE 2500	61.5	66.5	70.4	75.4	79.9	81.0	82.1	84.4	88.8	89.4	89.9	89.9	90.5	90.5	90.5	91.1
GE 2000	61.5	66.5	70.4	75.4	79.9	81.0	82.1	84.4	88.8	89.4	89.9	89.9	90.5	90.5	90.5	91.1
GE 1800	61.5	66.5	70.4	75.4	79.9	81.0	82.1	84.4	88.8	89.4	89.9	89.9	90.5	90.5	90.5	91.1
GE 1500	62.0	67.0	70.9	76.0	80.4	81.6	82.7	84.9	89.4	89.9	90.5	90.5	91.1	91.1	91.1	91.6
GE 1200	62.6	67.6	71.5	76.5	81.0	82.1	83.2	85.5	89.9	90.5	91.1	91.1	91.6	91.6	91.6	92.2
GE 1000	62.6	67.6	71.5	76.5	81.0	82.1	83.2	86.0	90.5	91.1	91.6	91.6	92.2	92.2	92.2	92.7
GE 900	62.6	67.6	71.5	76.5	81.0	82.1	83.2	86.0	90.5	91.1	91.6	91.6	92.2	92.2	92.2	92.7
GE 800	62.6	67.6	71.5	76.5	81.0	82.1	83.2	86.0	90.5	91.1	91.6	91.6	92.2	92.2	92.2	92.7
GE 700	62.6	67.6	71.5	76.5	81.0	82.1	83.2	86.0	90.5	91.1	91.6	91.6	92.2	92.2	92.2	92.7
GE 600	62.6	67.6	71.5	76.5	81.0	82.1	83.2	86.0	90.5	91.1	91.6	91.6	92.2	92.2	92.2	92.7
GE 500	62.6	68.2	72.1	77.1	81.6	82.7	83.8	86.6	91.1	92.2	92.7	92.7	93.3	93.3	93.3	93.9
GE 400	63.1	68.7	72.6	77.7	82.1	83.2	84.4	87.2	91.6	92.7	93.3	93.3	93.9	93.9	93.9	94.4
GE 300	63.1	68.7	72.6	77.7	82.1	83.2	84.9	87.7	92.7	94.4	95.0	95.0	95.5	95.5	95.5	96.1
GE 200	63.1	68.7	72.6	77.7	82.1	83.2	85.5	88.3	93.3	95.0	95.5	95.5	96.1	96.1	96.1	97.2
GE 100	63.1	68.7	72.6	77.7	82.1	83.2	85.5	88.3	93.3	95.0	95.5	95.5	96.1	96.1	96.1	98.3
GE 000	63.1	68.7	72.6	77.7	82.1	83.2	85.5	88.3	93.3	95.0	95.5	95.5	96.1	96.1	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 179

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	46.5	48.9	50.7	52.1	54.4	55.0	55.4	55.9	55.9	56.1	56.2	56.2	56.3	56.3	56.4	57.0
GE 20000	55.2	58.1	60.2	61.6	64.5	65.3	65.6	66.3	66.3	66.4	66.5	66.5	66.7	66.7	66.9	67.4
GE 18000	55.3	58.2	60.3	61.7	64.6	65.4	65.8	66.4	66.4	66.5	66.7	66.7	66.8	66.8	67.0	67.6
GE 16000	55.3	58.2	60.3	61.7	64.6	65.4	65.8	66.4	66.4	66.5	66.7	66.7	66.8	66.8	67.0	67.6
GE 14000	55.6	58.5	60.5	61.9	64.9	65.6	66.0	66.7	66.7	66.8	66.9	66.9	67.0	67.0	67.3	67.8
GE 12000	57.7	60.7	63.0	64.8	67.7	68.5	68.8	69.5	69.5	69.6	69.7	69.7	69.9	69.9	70.1	70.6
GE 10000	61.3	64.5	67.0	69.1	72.2	73.1	73.7	74.3	74.3	74.5	74.6	74.6	74.7	74.7	75.0	75.5
GE 9000	62.3	65.9	68.5	70.5	73.6	74.5	75.1	75.7	75.7	75.9	76.0	76.0	76.1	76.1	76.4	76.9
GE 8000	64.8	69.0	72.0	74.2	77.4	78.3	78.9	79.6	79.6	79.7	79.8	79.8	79.9	79.9	80.2	80.7
GE 7000	65.9	70.4	73.7	75.9	79.1	79.9	80.6	81.2	81.2	81.4	81.5	81.5	81.6	81.6	81.9	82.4
GE 6000	66.0	70.6	74.1	76.2	79.4	80.3	81.0	81.6	81.6	81.7	81.9	81.9	82.0	82.0	82.2	82.8
GE 5000	67.2	71.8	75.2	77.5	80.7	81.6	82.2	82.9	83.0	83.1	83.4	83.4	83.5	83.5	83.8	84.3
GE 4500	67.6	72.3	75.9	78.2	81.4	82.2	82.9	83.5	83.7	83.8	84.0	84.0	84.2	84.2	84.4	84.9
GE 4000	67.9	72.7	76.4	78.7	82.0	82.9	83.5	84.2	84.4	84.5	84.8	84.8	84.9	84.9	85.2	85.7
GE 3500	68.3	73.1	77.0	79.4	82.8	83.7	84.3	84.9	85.3	85.4	85.7	85.7	85.8	85.8	86.1	86.6
GE 3000	68.8	73.8	77.9	80.3	83.7	84.5	85.2	85.8	86.2	86.3	86.6	86.6	86.7	86.7	87.0	87.5
GE 2500	68.8	73.8	77.9	80.5	83.9	84.8	85.4	86.1	86.5	86.6	86.8	86.8	87.0	87.0	87.2	87.7
GE 2000	69.0	73.9	78.0	80.6	84.2	85.1	85.7	86.3	86.7	86.8	87.1	87.1	87.2	87.2	87.5	88.0
GE 1800	69.0	73.9	78.2	80.7	84.3	85.2	86.0	86.6	87.0	87.1	87.4	87.4	87.5	87.5	87.7	88.3
GE 1500	69.2	74.2	78.4	81.0	84.5	85.4	86.2	86.8	87.2	87.4	87.6	87.6	87.7	87.7	88.0	88.5
GE 1200	69.5	74.6	78.9	81.5	85.2	86.1	86.8	87.6	88.1	88.3	88.5	88.5	88.6	88.6	88.9	89.4
GE 1000	70.2	75.4	79.7	82.5	86.6	87.5	88.3	89.1	89.7	89.8	90.0	90.0	90.2	90.2	90.4	90.9
GE 900	70.4	75.5	79.9	82.8	87.0	87.9	88.6	89.5	90.0	90.2	90.4	90.4	90.5	90.5	90.8	91.3
GE 800	70.6	75.7	80.2	83.0	87.4	88.3	89.1	90.3	90.8	91.1	91.4	91.4	91.6	91.6	91.8	92.3
GE 700	70.8	75.9	80.3	83.1	87.5	88.4	89.3	90.5	91.1	91.3	91.7	91.7	91.8	91.8	92.1	92.6
GE 600	70.9	76.0	80.5	83.3	87.9	88.8	89.7	90.9	91.4	91.7	92.1	92.1	92.2	92.2	92.5	93.0
GE 500	71.1	76.2	80.7	83.5	88.4	89.3	90.2	91.4	92.0	92.3	92.7	92.7	92.8	92.8	93.1	93.6
GE 400	71.4	76.5	81.1	84.0	88.9	89.8	90.7	92.6	93.2	93.6	94.1	94.1	94.4	94.4	94.6	95.1
GE 300	71.5	76.8	81.6	84.5	89.4	90.5	92.0	94.3	95.0	95.5	96.2	96.2	96.6	96.6	96.8	97.3
GE 200	71.5	76.8	81.6	84.5	89.4	90.7	92.2	94.5	95.3	95.9	96.7	96.8	97.7	97.7	98.0	98.6
GE 100	71.5	76.8	81.6	84.5	89.4	90.7	92.2	94.5	95.3	96.2	97.1	97.3	98.2	98.2	98.7	99.6
GE 000	71.5	76.8	81.6	84.5	89.4	90.7	92.2	94.5	95.3	96.2	97.1	97.3	98.2	98.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 783

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
 MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CRIL	53.3	56.2	57.4	57.9	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 20000	63.1	66.1	67.7	68.3	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 18000	63.1	66.1	67.7	68.3	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 16000	63.1	66.1	67.7	68.3	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 14000	63.2	66.2	67.8	68.4	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	65.8	68.7	70.3	70.9	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	69.5	72.7	74.6	75.2	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 9000	70.6	74.0	75.9	76.5	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	73.0	76.5	78.9	79.5	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 7000	74.1	77.7	80.4	81.0	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 6000	74.8	78.5	81.3	81.9	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 5000	75.5	79.2	82.1	82.7	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4500	76.1	79.8	82.9	83.5	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4000	76.8	80.5	83.7	84.2	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3500	77.4	81.3	84.4	85.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3000	78.3	82.2	85.7	86.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2500	78.8	82.7	86.3	86.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2000	79.8	84.0	87.7	88.3	89.6	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1800	79.8	84.1	87.8	88.4	89.7	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1500	82.3	86.8	90.6	91.2	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1200	83.1	87.9	92.0	92.6	93.9	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1000	83.7	88.5	92.6	93.4	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 900	84.2	89.1	93.2	94.2	95.6	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 800	84.4	89.3	93.3	94.3	95.7	95.9	96.1	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4
GE 700	84.4	89.4	93.7	94.6	96.2	96.4	96.5	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9
GE 600	84.5	89.5	93.8	94.9	96.4	96.7	96.9	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3
GE 500	84.6	89.7	94.0	95.2	97.0	97.3	97.7	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	84.6	89.7	94.0	95.2	97.0	97.5	98.4	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	84.7	89.9	94.2	95.3	97.1	97.7	98.7	99.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	84.7	89.9	94.2	95.3	97.1	97.9	98.8	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	84.7	89.9	94.2	95.3	97.1	97.9	98.8	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	84.7	89.9	94.2	95.3	97.1	97.9	98.8	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 838

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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	53.4	55.1	55.9	56.1	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 20000	64.2	66.4	67.2	67.4	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 18000	64.2	66.4	67.2	67.4	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 15000	64.2	66.4	67.2	67.4	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 14000	64.6	66.8	67.6	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 12000	66.7	69.0	69.8	70.0	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 10000	70.1	72.8	74.0	74.2	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 9000	71.0	73.7	74.9	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 8000	72.9	75.8	77.0	77.2	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 7000	73.3	76.2	77.4	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 6000	74.2	77.3	78.6	78.8	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 5000	74.9	78.0	79.3	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 4500	75.9	79.1	80.4	80.7	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 4000	77.8	81.1	82.7	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
GE 3500	80.0	83.4	85.0	85.3	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3000	84.1	88.0	89.6	90.0	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2500	85.1	89.4	91.1	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2000	86.7	91.1	92.8	93.2	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1800	87.1	91.6	93.3	93.8	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1500	88.4	93.0	95.0	95.8	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1200	88.9	93.6	95.6	96.4	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	89.1	93.9	95.9	96.8	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	89.2	94.0	96.0	96.9	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
GE 800	89.2	94.0	96.0	97.0	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
GE 700	89.4	94.2	96.2	97.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 600	89.4	94.2	96.2	97.2	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.9
GE 500	89.4	94.3	96.3	97.6	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.6	99.6
GE 400	89.4	94.3	96.3	97.8	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8
GE 300	89.6	94.4	96.4	97.9	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0
GE 200	89.6	94.4	96.4	97.9	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0
GE 100	89.6	94.4	96.4	97.9	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0
GE 000	89.6	94.4	96.4	97.9	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	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: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	53.8	55.2	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 20000	67.2	70.0	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 18000	67.2	70.0	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 16000	67.2	70.0	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 14000	67.6	70.3	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 12000	69.6	72.5	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 10000	72.8	75.9	78.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 9000	73.8	77.2	79.8	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 8000	74.9	78.5	81.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 7000	75.9	79.5	82.1	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 6000	76.2	79.8	82.4	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 5000	76.8	80.4	83.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 4500	77.7	81.3	84.0	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	79.3	82.9	85.7	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 3500	82.4	86.2	89.3	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 3000	84.7	89.0	92.7	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2500	85.9	90.3	94.2	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2000	86.4	90.8	94.8	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	86.6	91.1	95.2	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	86.7	91.3	95.5	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200	86.7	91.3	95.8	97.5	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 1000	86.7	91.3	95.9	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	86.7	91.3	95.9	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	87.0	91.6	96.2	98.1	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	87.1	91.7	96.3	98.3	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	87.1	91.7	96.3	98.4	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	87.1	91.7	96.3	98.6	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	87.1	91.7	96.3	98.6	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 300	87.1	91.7	96.3	98.6	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 200	87.1	91.7	96.3	98.6	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0
GE 100	87.1	91.7	96.3	98.6	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0
GE 000	87.1	91.7	96.3	98.6	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 806

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 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	57.5	59.1	61.8	62.5	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 20000	70.3	72.9	75.7	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 18000	70.3	72.9	75.7	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 16000	70.3	72.9	75.7	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 14000	71.5	74.2	77.0	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 12000	72.7	75.3	78.2	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
GE 10000	75.7	78.4	81.6	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
GE 9000	76.2	79.1	82.3	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
GE 8000	77.5	80.8	84.0	85.9	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 7000	78.2	81.5	84.7	86.6	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 6000	79.1	82.3	85.5	87.4	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 5000	79.5	82.7	86.1	88.1	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 4500	80.2	83.4	86.8	88.8	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 4000	81.5	84.7	88.0	90.1	90.7	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3500	83.0	86.2	89.5	91.6	92.2	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 3000	83.4	86.6	90.1	92.3	93.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2500	84.5	88.0	92.1	94.7	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2000	84.7	88.1	92.2	94.8	95.7	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4
GE 1800	84.8	88.3	92.3	95.0	95.8	95.8	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5
GE 1500	84.9	88.4	92.6	95.4	96.2	96.2	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9
GE 1200	85.2	88.7	92.9	95.8	96.8	96.8	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5
GE 1000	85.4	88.8	93.0	96.1	97.2	97.2	97.6	97.8	97.8	97.8	97.8	97.9	97.9	98.0	98.0	98.0
GE 900	85.4	88.8	93.0	96.1	97.2	97.2	97.6	97.8	97.8	97.8	97.8	97.9	97.9	98.0	98.0	98.0
GE 800	85.4	88.8	93.0	96.1	97.2	97.2	97.6	97.8	97.8	97.8	97.8	97.9	97.9	98.0	98.0	98.0
GE 700	85.4	88.8	93.0	96.1	97.2	97.2	97.5	98.2	98.3	98.3	98.3	98.5	98.5	98.6	98.6	98.6
GE 600	85.4	88.8	93.2	96.4	97.9	98.2	98.9	99.0	99.0	99.0	99.0	99.2	99.2	99.3	99.3	99.3
GE 500	85.4	88.8	93.2	96.4	97.9	98.2	98.9	99.0	99.0	99.0	99.0	99.2	99.2	99.3	99.3	99.3
GE 400	85.4	88.8	93.2	96.4	97.9	98.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6
GE 300	85.4	88.8	93.2	96.4	97.9	98.2	99.2	99.3	99.3	99.4	99.4	99.6	99.6	99.9	99.9	99.9
GE 200	85.4	88.8	93.2	96.4	97.9	98.2	99.2	99.3	99.3	99.4	99.6	99.7	99.7	100.0	100.0	100.0
GE 100	85.4	88.8	93.2	96.4	97.9	98.2	99.2	99.3	99.3	99.4	99.6	99.7	99.7	100.0	100.0	100.0
GE 000	85.4	88.8	93.2	96.4	97.9	98.2	99.2	99.3	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 717

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

PERIOD OF RECORD: OCT 81 - SEP 91  
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.4	57.1	57.1	66.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 20000	66.7	71.4	71.4	81.0	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 18000	66.7	71.4	71.4	81.0	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 16000	66.7	71.4	71.4	81.0	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 14000	66.7	71.4	71.4	81.0	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 12000	66.7	71.4	76.2	85.7	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 10000	71.4	76.2	81.0	90.5	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 9000	71.4	76.2	81.0	90.5	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 8000	71.4	76.2	81.0	90.5	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 7000	76.2	81.0	85.7	95.2	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 6000	76.2	81.0	85.7	95.2	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 5000	76.2	81.0	85.7	95.2	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 4500	76.2	81.0	85.7	95.2	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 4000	76.2	81.0	85.7	95.2	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 3500	76.2	81.0	85.7	95.2	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 3000	76.2	81.0	85.7	95.2	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 2500	76.2	81.0	85.7	95.2	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 2000	76.2	81.0	85.7	95.2	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 1800	76.2	81.0	85.7	95.2	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 1500	76.2	81.0	85.7	95.2	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 1200	76.2	81.0	85.7	95.2	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 1000	76.2	81.0	85.7	95.2	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 900	76.2	81.0	85.7	95.2	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 800	76.2	81.0	85.7	95.2	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 700	76.2	81.0	85.7	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	76.2	81.0	85.7	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	76.2	81.0	85.7	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	76.2	81.0	85.7	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	76.2	81.0	85.7	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	76.2	81.0	85.7	95.2	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	76.2	81.0	85.7	95.2	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	76.2	81.0	85.7	95.2	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 21

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	52.6	54.7	56.3	57.0	57.8	58.0	58.1	58.2	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.6
GE 20000	63.5	66.2	68.1	68.8	69.7	69.9	70.0	70.2	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.6
GE 18000	63.5	66.2	68.1	68.9	69.8	70.0	70.1	70.2	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.7
GE 16000	63.5	66.2	68.1	68.9	69.8	70.0	70.1	70.2	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.7
GE 14000	63.9	66.6	68.5	69.3	70.2	70.4	70.5	70.7	70.8	70.8	70.9	70.9	70.9	70.9	71.0	71.1
GE 12000	65.8	68.6	70.6	71.6	72.5	72.7	72.8	73.0	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.4
GE 10000	69.2	72.2	74.5	75.6	76.6	76.9	77.0	77.2	77.4	77.4	77.5	77.5	77.5	77.5	77.6	77.7
GE 9000	70.1	73.3	75.7	76.8	77.8	78.0	78.2	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.9
GE 8000	71.9	75.4	78.0	79.3	80.3	80.6	80.8	81.0	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.5
GE 7000	72.8	76.4	79.0	80.3	81.4	81.6	81.8	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.4	82.5
GE 6000	73.4	77.0	79.7	81.0	82.1	82.4	82.5	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.1	83.2
GE 5000	74.1	77.8	80.5	81.9	83.0	83.3	83.5	83.7	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.2
GE 4500	74.8	78.5	81.3	82.8	83.8	84.1	84.3	84.5	84.7	84.8	84.8	84.8	84.9	84.9	84.9	85.0
GE 4000	75.9	79.7	82.6	84.0	85.2	85.4	85.6	85.9	86.1	86.1	86.2	86.2	86.3	86.3	86.3	86.4
GE 3500	77.4	81.3	84.3	85.8	87.0	87.3	87.4	87.7	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.3
GE 3000	79.1	83.2	86.5	88.0	89.3	89.6	89.8	90.0	90.3	90.3	90.4	90.4	90.5	90.5	90.5	90.6
GE 2500	79.9	84.1	87.6	89.2	90.6	90.9	91.1	91.3	91.6	91.6	91.7	91.7	91.7	91.7	91.8	91.9
GE 2000	80.5	84.9	88.4	90.0	91.4	91.7	91.9	92.2	92.5	92.5	92.6	92.6	92.6	92.6	92.7	92.8
GE 1800	80.7	85.1	88.6	90.3	91.6	92.0	92.2	92.5	92.7	92.8	92.9	92.9	92.9	92.9	93.0	93.1
GE 1500	81.6	86.1	89.7	91.5	92.9	93.2	93.5	93.7	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.3
GE 1200	82.0	86.5	90.3	92.2	93.6	94.0	94.3	94.5	94.8	94.9	94.9	94.9	95.0	95.0	95.1	95.2
GE 1000	82.3	86.9	90.7	92.7	94.3	94.7	94.9	95.3	95.5	95.6	95.7	95.7	95.8	95.8	95.8	95.9
GE 900	82.4	87.1	90.9	92.9	94.6	94.9	95.2	95.5	95.8	95.9	95.9	95.9	96.0	96.0	96.1	96.2
GE 800	82.6	87.2	91.0	93.1	94.7	95.1	95.4	95.8	96.1	96.2	96.3	96.3	96.4	96.4	96.5	96.6
GE 700	82.7	87.3	91.2	93.2	95.1	95.5	95.8	96.3	96.5	96.6	96.7	96.7	96.8	96.8	96.9	97.0
GE 600	82.7	87.3	91.2	93.4	95.3	95.7	96.1	96.6	96.8	96.9	97.1	97.1	97.1	97.1	97.2	97.3
GE 500	82.8	87.5	91.4	93.6	95.8	96.2	96.6	97.1	97.3	97.5	97.6	97.6	97.7	97.7	97.8	97.9
GE 400	82.8	87.6	91.5	93.8	95.9	96.4	97.0	97.6	97.9	98.1	98.2	98.2	98.4	98.4	98.4	98.6
GE 300	82.9	87.7	91.6	93.9	96.1	96.6	97.3	98.0	98.5	98.7	98.9	98.9	99.1	99.1	99.2	99.3
GE 200	82.9	87.7	91.6	93.9	96.1	96.7	97.4	98.1	98.6	98.8	99.1	99.1	99.4	99.4	99.5	99.6
GE 100	82.9	87.7	91.6	93.9	96.1	96.7	97.4	98.1	98.6	98.9	99.2	99.2	99.5	99.5	99.6	99.9
GE 000	82.9	87.7	91.6	93.9	96.1	96.7	97.4	98.1	98.6	98.9	99.2	99.2	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 4244

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	44.0	45.7	53.3	57.1	64.1	65.2	65.2	69.6	69.6	70.1	70.1	70.1	70.1	70.1	70.7	70.7
GE 20000	46.2	47.8	56.0	59.8	67.4	68.5	69.0	73.4	73.4	73.9	73.9	73.9	73.9	73.9	74.5	74.5
GE 18000	46.2	47.8	56.0	59.8	67.4	68.5	69.0	73.4	73.4	73.9	73.9	73.9	73.9	73.9	74.5	74.5
GE 16000	46.2	47.8	56.0	59.8	67.4	68.5	69.0	73.4	73.4	73.9	73.9	73.9	73.9	73.9	74.5	74.5
GE 14000	46.2	47.8	56.0	59.8	67.9	69.0	69.6	73.9	73.9	74.5	74.5	74.5	74.5	74.5	75.0	75.0
GE 12000	47.3	48.9	57.1	60.9	69.0	70.1	70.7	75.0	75.0	75.5	75.5	75.5	75.5	75.5	76.1	76.1
GE 10000	51.6	53.3	63.0	66.8	75.0	76.1	77.7	82.1	82.1	82.6	82.6	82.6	82.6	82.6	83.2	83.2
GE 9000	51.6	53.3	63.0	67.4	75.5	76.6	78.3	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.7	83.7
GE 8000	53.8	55.4	65.2	69.6	77.7	78.8	80.4	84.8	84.8	85.3	85.9	85.9	85.9	85.9	86.4	86.4
GE 7000	54.9	56.5	66.3	70.7	78.8	79.9	81.5	85.9	85.9	86.4	87.0	87.0	87.0	87.0	87.5	87.5
GE 6000	55.4	57.1	66.8	71.7	79.9	81.0	82.6	87.0	87.0	87.5	88.0	88.0	88.0	88.0	88.6	88.6
GE 5000	56.5	58.2	68.5	73.4	81.5	82.6	84.2	88.6	88.6	89.1	89.7	89.7	89.7	89.7	90.2	90.2
GE 4500	57.1	58.7	69.0	74.5	83.2	84.2	85.9	90.2	90.2	90.8	91.3	91.3	91.3	91.3	91.8	91.8
GE 4000	57.6	59.2	69.6	75.0	83.7	84.8	87.0	91.3	91.3	91.8	92.4	92.4	92.4	92.4	92.9	92.9
GE 3500	57.6	59.2	69.6	75.0	83.7	84.8	87.0	91.3	91.3	91.8	92.4	92.4	92.4	92.4	92.9	92.9
GE 3000	57.6	59.2	69.6	75.0	83.7	84.8	87.0	91.8	91.8	92.4	92.9	92.9	92.9	92.9	93.5	93.5
GE 2500	57.6	59.2	69.6	75.0	83.7	84.8	87.5	92.4	92.4	92.9	93.5	93.5	93.5	93.5	94.0	94.0
GE 2000	57.6	59.2	69.6	75.0	83.7	84.8	87.5	92.4	92.4	92.9	93.5	93.5	93.5	93.5	94.0	94.0
GE 1800	57.6	59.2	69.6	75.5	84.2	85.3	88.0	92.9	92.9	93.5	94.0	94.0	94.0	94.0	94.6	94.6
GE 1500	57.6	59.2	69.6	75.5	84.2	85.3	88.0	92.9	92.9	93.5	94.0	94.0	94.0	94.0	94.6	94.6
GE 1200	58.2	59.8	70.1	76.1	84.8	85.9	88.6	93.5	93.5	94.0	94.6	94.6	94.6	94.6	95.1	95.1
GE 1000	58.7	60.3	70.7	76.6	85.3	86.4	89.1	94.0	94.0	94.6	95.1	95.1	95.1	95.1	95.7	95.7
GE 900	58.7	60.3	70.7	76.6	85.3	86.4	89.1	94.0	94.0	94.6	95.1	95.1	95.1	95.1	95.7	95.7
GE 800	58.7	60.3	70.7	76.6	85.3	86.4	89.7	94.6	94.6	95.1	95.7	95.7	95.7	95.7	96.2	96.2
GE 700	58.7	60.3	70.7	76.6	85.3	86.4	90.2	95.1	95.1	95.7	96.2	96.2	96.2	96.2	96.7	96.7
GE 600	58.7	60.3	70.7	76.6	85.3	86.4	90.2	95.7	95.7	96.2	96.7	96.7	96.7	96.7	97.3	97.3
GE 500	58.7	60.3	70.7	76.6	85.3	86.4	90.2	95.7	95.7	96.2	96.7	96.7	96.7	96.7	97.3	97.3
GE 400	58.7	60.3	70.7	76.6	85.9	87.0	90.8	96.2	96.2	96.7	97.3	97.3	97.8	97.8	98.4	98.4
GE 300	58.7	60.3	70.7	76.6	85.9	87.5	91.3	97.3	97.3	97.8	98.4	98.4	98.9	98.9	99.5	99.5
GE 200	58.7	60.3	70.7	76.6	85.9	87.5	91.8	97.8	97.8	98.4	98.9	98.9	99.5	99.5	100.0	100.0
GE 100	58.7	60.3	70.7	76.6	85.9	87.5	91.8	97.8	97.8	98.4	98.9	98.9	99.5	99.5	100.0	100.0
GE 000	58.7	60.3	70.7	76.6	85.9	87.5	91.8	97.8	97.8	98.4	98.9	98.9	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 184

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	49.0	54.9	59.5	63.6	65.8	66.6	67.2	67.7	67.7	67.8	68.0	68.0	68.1	68.1	68.2	68.6
GE 20000	54.9	61.2	66.0	70.3	72.6	73.3	73.9	74.4	74.4	74.6	74.8	74.8	74.9	74.9	75.1	75.4
GE 18000	55.1	61.5	66.2	70.6	72.8	73.6	74.2	74.7	74.7	74.8	75.1	75.1	75.2	75.2	75.3	75.7
GE 16000	55.1	61.5	66.2	70.6	72.8	73.6	74.2	74.7	74.7	74.8	75.1	75.1	75.2	75.2	75.3	75.7
GE 14000	55.4	61.7	66.6	70.9	73.2	73.9	74.6	75.1	75.1	75.2	75.4	75.4	75.6	75.6	75.7	76.1
GE 12000	56.7	63.5	68.3	72.9	75.4	76.2	76.8	77.3	77.3	77.4	77.7	77.7	77.8	77.8	77.9	78.3
GE 10000	59.7	66.6	71.7	76.6	79.3	80.2	80.9	81.4	81.4	81.5	81.8	81.8	81.9	81.9	82.0	82.4
GE 9000	60.3	67.2	72.3	77.3	80.0	80.9	81.7	82.2	82.2	82.3	82.5	82.5	82.7	82.7	82.8	83.2
GE 8000	62.1	69.1	74.4	79.4	82.3	83.3	84.2	84.7	84.7	84.9	85.2	85.2	85.3	85.3	85.4	85.8
GE 7000	62.8	69.8	75.2	80.2	83.0	84.0	84.9	85.4	85.4	85.7	85.9	85.9	86.0	86.0	86.2	86.5
GE 6000	63.2	70.3	75.7	80.7	83.7	84.7	85.5	86.0	86.0	86.3	86.5	86.5	86.7	86.7	86.8	87.2
GE 5000	63.5	70.8	76.4	81.8	85.0	86.0	86.9	87.4	87.4	87.7	87.9	87.9	88.0	88.0	88.2	88.5
GE 4500	64.3	71.7	77.6	82.9	86.2	87.2	88.0	88.5	88.5	88.8	89.0	89.0	89.2	89.2	89.3	89.7
GE 4000	64.3	71.7	77.6	82.9	86.3	87.4	88.3	88.9	88.9	89.2	89.4	89.4	89.5	89.5	89.7	90.0
GE 3500	64.8	72.2	78.1	83.4	86.8	87.9	88.8	89.4	89.4	89.7	89.9	89.9	90.0	90.0	90.1	90.5
GE 3000	65.3	72.7	78.6	84.2	87.5	88.7	89.8	90.4	90.4	90.8	91.0	91.0	91.1	91.1	91.3	91.6
GE 2500	65.8	73.3	79.4	85.0	88.4	89.5	90.6	91.3	91.3	91.6	91.9	91.9	92.0	92.0	92.1	92.5
GE 2000	66.1	73.6	79.7	85.4	88.9	90.0	91.1	91.8	91.8	92.3	92.5	92.5	92.6	92.6	92.8	93.1
GE 1800	66.1	73.6	79.7	85.4	89.0	90.1	91.3	91.9	91.9	92.4	92.6	92.6	92.8	92.8	92.9	93.3
GE 1500	66.1	73.6	79.7	85.5	89.2	90.3	91.5	92.1	92.1	92.6	93.0	93.0	93.1	93.1	93.3	93.8
GE 1200	66.2	73.7	79.8	85.7	89.3	90.4	91.6	92.3	92.3	92.8	93.1	93.1	93.3	93.3	93.4	93.9
GE 1000	66.7	74.3	80.4	86.4	90.0	91.1	92.4	93.0	93.0	93.5	93.9	93.9	94.0	94.0	94.1	94.6
GE 900	66.7	74.7	80.8	86.8	90.4	91.5	92.8	93.4	93.4	93.9	94.3	94.3	94.4	94.4	94.5	95.0
GE 800	66.7	74.9	81.0	87.0	90.6	91.9	93.1	93.9	93.9	94.4	94.8	94.8	94.9	94.9	95.0	95.5
GE 700	67.0	75.2	81.3	87.3	91.0	92.3	93.5	94.4	94.4	94.9	95.3	95.3	95.4	95.4	95.5	96.0
GE 600	67.1	75.3	81.5	87.7	91.8	93.0	94.3	95.1	95.1	95.6	96.0	96.0	96.1	96.1	96.3	96.8
GE 500	67.1	75.3	81.7	87.8	91.9	93.1	94.5	95.5	95.5	96.0	96.4	96.4	96.5	96.5	96.6	97.1
GE 400	67.1	75.4	81.9	88.2	92.3	93.5	95.0	96.4	96.4	96.9	97.4	97.4	97.5	97.5	97.6	98.1
GE 300	67.1	75.4	81.9	88.2	92.3	93.5	95.0	96.5	96.5	97.4	98.0	98.0	98.1	98.1	98.3	98.8
GE 200	67.1	75.4	81.9	88.2	92.3	93.6	95.1	96.6	96.6	97.6	98.4	98.4	98.8	98.9	99.0	99.5
GE 100	67.1	75.4	81.9	88.2	92.3	93.6	95.1	96.8	96.9	97.9	98.6	98.6	99.0	99.1	99.4	100.0
GE 000	67.1	75.4	81.9	88.2	92.3	93.6	95.1	96.8	96.9	97.9	98.6	98.6	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 802

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	61.0	65.6	68.4	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 20000	67.9	72.9	75.8	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 18000	68.3	73.3	76.2	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 16000	68.3	73.3	76.2	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 14000	68.4	73.4	76.3	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
GE 12000	71.2	76.3	79.2	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 10000	73.3	78.6	81.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 9000	73.8	79.2	82.1	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 8000	75.7	81.3	84.5	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 7000	76.6	82.2	85.5	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 6000	77.0	82.6	86.0	87.2	87.3	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 5000	77.6	83.1	86.6	87.8	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 4500	78.7	84.3	87.8	89.0	89.3	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 4000	79.3	85.0	88.5	89.7	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3500	79.8	85.5	89.0	90.1	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 3000	80.8	86.6	90.1	91.3	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2500	81.7	87.6	91.0	92.2	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2000	82.2	88.0	91.5	92.7	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1800	82.6	88.4	91.9	93.0	93.6	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500	83.0	89.1	92.6	93.7	94.4	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1200	83.5	89.8	93.3	94.4	95.1	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	84.3	90.7	94.2	95.3	96.2	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 900	84.5	90.9	94.4	95.6	96.5	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	84.8	91.3	94.8	95.9	96.9	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	85.1	91.6	95.1	96.3	97.3	97.7	98.1	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4
GE 600	85.2	91.7	95.3	96.5	97.7	98.0	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7
GE 500	85.2	91.7	95.3	96.6	97.9	98.4	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3
GE 400	85.2	91.7	95.3	96.6	97.9	98.4	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3
GE 300	85.2	91.7	95.3	96.6	97.9	98.4	99.0	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.8
GE 200	85.2	91.7	95.3	96.6	97.9	98.4	99.0	99.4	99.4	99.4	99.5	99.9	99.9	99.9	99.9	99.9
GE 100	85.2	91.7	95.3	96.6	97.9	98.4	99.0	99.4	99.4	99.4	99.5	99.9	99.9	100.0	100.0	100.0
GE 000	85.2	91.7	95.3	96.6	97.9	98.4	99.0	99.4	99.4	99.4	99.5	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 860

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/PORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	60.9	63.5	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	64.5
GE 20000	69.2	71.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 18000	69.3	71.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 16000	69.3	71.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 14000	69.3	71.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 12000	71.7	74.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 10000	74.7	77.7	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 9000	75.2	78.1	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 8000	78.2	81.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 7000	78.5	81.5	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 6000	79.4	82.4	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 5000	79.8	83.1	84.7	84.7	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4500	80.4	83.7	85.3	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 4000	82.9	86.3	87.9	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 3500	86.4	89.8	91.4	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 3000	87.9	91.4	93.0	93.6	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2500	88.9	92.7	94.3	94.9	94.9	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2000	89.1	93.1	94.8	95.3	95.3	95.5	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1800	89.5	93.6	95.2	95.8	95.8	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1500	90.0	94.2	95.9	96.5	96.5	96.7	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE 1200	90.4	94.7	96.3	96.9	96.9	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 1000	90.6	94.9	96.6	97.4	97.5	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5
GE 900	90.7	95.0	96.7	97.5	97.6	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6
GE 800	90.7	95.0	96.9	97.7	97.9	98.3	98.7	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 700	90.7	95.0	96.9	97.7	98.3	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3
GE 600	90.7	95.0	96.9	97.7	98.3	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3
GE 500	90.7	95.0	96.9	97.7	98.3	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5
GE 400	90.7	95.0	96.9	97.7	98.3	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6
GE 300	90.7	95.0	96.9	97.7	98.3	98.7	99.5	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0
GE 200	90.7	95.0	96.9	97.7	98.3	98.7	99.5	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0
GE 100	90.7	95.0	96.9	97.7	98.3	98.7	99.5	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0
GE 000	90.7	95.0	96.9	97.7	98.3	98.7	99.5	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 918

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	64.0	66.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 20000	73.9	76.7	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 18000	73.9	76.7	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 16000	73.9	76.7	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 14000	73.9	76.7	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 12000	76.1	79.0	80.3	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 10000	80.8	83.7	85.0	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 9000	80.9	83.8	85.1	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 8000	83.1	86.0	87.3	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
GE 7000	84.1	87.1	88.6	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 6000	84.8	87.8	89.3	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 5000	85.3	88.4	89.9	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4500	86.0	89.1	90.6	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
GE 4000	87.3	90.4	92.2	92.4	92.4	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3500	88.7	92.1	94.0	94.2	94.2	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 3000	90.2	93.5	95.4	95.7	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2500	91.2	94.7	97.0	97.2	97.2	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	91.5	95.3	97.6	98.0	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800	91.5	95.3	97.6	98.0	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	91.6	95.4	97.7	98.1	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	91.6	95.4	97.7	98.1	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	91.6	95.4	97.7	98.1	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	91.6	95.4	97.7	98.1	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	91.6	95.4	97.7	98.1	98.7	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	91.6	95.4	97.7	98.1	98.9	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	91.6	95.4	97.7	98.2	99.0	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	91.6	95.4	97.7	98.2	99.0	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	91.6	95.4	97.7	98.2	99.0	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	91.6	95.4	97.7	98.2	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.6	95.4	97.7	98.2	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.6	95.4	97.7	98.2	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.6	95.4	97.7	98.2	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 834

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.8	68.6	70.8	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 20000	77.4	80.5	82.7	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 18000	77.4	80.5	82.7	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 16000	77.4	80.5	82.7	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 14000	77.4	80.5	82.7	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 12000	79.7	82.9	85.1	85.5	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 10000	82.8	86.6	89.0	89.4	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 9000	82.8	86.6	89.0	89.4	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 8000	84.6	88.4	90.8	91.2	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 7000	85.4	89.2	91.6	92.0	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 6000	86.2	90.0	92.4	92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 5000	87.0	90.8	93.2	93.6	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 4500	87.6	91.5	93.9	94.5	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 4000	89.0	93.0	95.4	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 3500	89.2	93.1	95.8	96.3	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3000	90.4	94.6	97.3	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2500	90.4	94.7	97.4	98.0	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 2000	90.4	94.7	97.6	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800	90.4	94.7	97.6	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	90.4	94.7	97.6	98.1	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	90.4	94.7	97.6	98.1	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	90.5	94.9	97.7	98.2	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	90.5	94.9	97.7	98.2	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	90.5	94.9	97.7	98.2	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	90.5	94.9	97.7	98.2	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	90.5	94.9	97.7	98.2	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	90.5	94.9	97.7	98.2	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	90.5	94.9	97.7	98.2	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	90.5	94.9	97.7	98.2	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.5	94.9	97.7	98.2	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.5	94.9	97.7	98.2	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.5	94.9	97.7	98.2	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 739

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	82.6	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 20000	87.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 18000	87.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 16000	87.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 14000	87.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 12000	87.0	91.3	91.3	91.3	91.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 10000	87.0	91.3	91.3	91.3	91.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 9000	87.0	91.3	91.3	91.3	91.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 8000	87.0	91.3	91.3	91.3	91.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 7000	87.0	91.3	91.3	91.3	91.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 6000	87.0	91.3	91.3	91.3	91.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 5000	87.0	91.3	91.3	91.3	91.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 4500	87.0	91.3	91.3	91.3	91.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 4000	91.3	95.7	95.7	95.7	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	91.3	95.7	95.7	95.7	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	91.3	95.7	95.7	95.7	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	91.3	95.7	95.7	95.7	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	91.3	95.7	95.7	95.7	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	91.3	95.7	95.7	95.7	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	91.3	95.7	95.7	95.7	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	91.3	95.7	95.7	95.7	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	91.3	95.7	95.7	95.7	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	91.3	95.7	95.7	95.7	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	91.3	95.7	95.7	95.7	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	91.3	95.7	95.7	95.7	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	91.3	95.7	95.7	95.7	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	91.3	95.7	95.7	95.7	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	91.3	95.7	95.7	95.7	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	91.3	95.7	95.7	95.7	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.3	95.7	95.7	95.7	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.3	95.7	95.7	95.7	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.3	95.7	95.7	95.7	95.7	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 23

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457      STATION NAME: FT LEONARD WOOD/FORNEY AAF MO      PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6      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	59.6	63.2	65.7	66.9	67.6	67.8	67.9	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.4
GE 20000	67.7	71.6	74.2	75.4	76.2	76.4	76.5	76.8	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.0
GE 18000	67.8	71.7	74.4	75.6	76.3	76.5	76.7	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.2
GE 16000	67.8	71.7	74.4	75.6	76.3	76.5	76.7	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.2
GE 14000	67.9	71.8	74.4	75.6	76.4	76.7	76.8	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.3
GE 12000	70.1	74.1	76.8	78.0	78.9	79.1	79.3	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.8
GE 10000	73.3	77.5	80.3	81.7	82.6	82.9	83.1	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.6	83.6
GE 9000	73.6	77.9	80.7	82.1	83.0	83.3	83.5	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	84.0
GE 8000	75.8	80.1	83.0	84.5	85.4	85.7	86.0	86.2	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.5
GE 7000	76.5	80.8	83.9	85.3	86.3	86.6	86.8	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.4
GE 6000	77.2	81.5	84.6	86.1	87.0	87.3	87.6	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.2
GE 5000	77.7	82.2	85.4	86.9	87.9	88.3	88.6	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.1	89.1
GE 4500	78.4	82.9	86.2	87.8	88.9	89.2	89.5	89.8	89.8	89.8	89.9	89.9	89.9	89.9	90.0	90.0
GE 4000	79.6	84.2	87.5	89.1	90.2	90.5	90.8	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.4	91.4
GE 3500	80.8	85.4	88.8	90.4	91.6	91.9	92.2	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.8	92.8
GE 3000	81.9	86.6	90.0	91.7	92.9	93.2	93.6	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.3
GE 2500	82.6	87.5	90.9	92.7	93.8	94.3	94.7	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.3	95.3
GE 2000	82.9	87.8	91.3	93.1	94.3	94.8	95.3	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.9	95.9
GE 1800	83.0	88.0	91.5	93.3	94.5	95.0	95.5	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.1	96.1
GE 1500	83.2	88.3	91.8	93.6	94.9	95.4	95.9	96.3	96.3	96.4	96.5	96.5	96.5	96.5	96.6	96.7
GE 1200	83.5	88.5	92.0	93.9	95.2	95.7	96.2	96.6	96.6	96.7	96.8	96.8	96.9	96.9	96.9	97.0
GE 1000	83.8	88.9	92.5	94.4	95.7	96.2	96.8	97.1	97.1	97.2	97.3	97.3	97.4	97.4	97.5	97.5
GE 900	83.9	89.1	92.6	94.5	95.8	96.4	96.9	97.3	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.7
GE 800	83.9	89.2	92.8	94.7	96.1	96.7	97.2	97.6	97.6	97.8	97.8	97.8	97.9	97.9	98.0	98.1
GE 700	84.0	89.3	92.9	94.8	96.4	96.9	97.5	98.0	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.4
GE 600	84.1	89.3	93.0	94.9	96.6	97.3	97.9	98.3	98.3	98.5	98.6	98.6	98.6	98.6	98.7	98.8
GE 500	84.1	89.3	93.0	95.0	96.7	97.4	98.1	98.6	98.6	98.7	98.8	98.8	98.9	98.9	98.9	99.0
GE 400	84.1	89.4	93.0	95.0	96.8	97.5	98.2	98.8	98.8	98.9	99.1	99.1	99.2	99.2	99.2	99.3
GE 300	84.1	89.4	93.0	95.0	96.8	97.5	98.3	99.0	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.7
GE 200	84.1	89.4	93.0	95.0	96.8	97.6	98.3	99.1	99.1	99.4	99.6	99.6	99.7	99.7	99.8	99.9
GE 100	84.1	89.4	93.0	95.0	96.8	97.6	98.3	99.1	99.1	99.4	99.6	99.6	99.8	99.8	99.9	100.0
GE 000	84.1	89.4	93.0	95.0	96.8	97.6	98.3	99.1	99.1	99.4	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 4360

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	38.3	44.7	50.5	55.3	58.5	59.6	62.8	63.8	63.8	64.4	64.9	64.9	65.4	65.4	65.4	66.0
GE 20000	42.6	50.0	56.4	61.7	64.9	66.0	69.1	70.2	70.2	70.7	71.3	71.3	71.8	71.8	71.8	72.3
GE 18000	42.6	50.0	56.4	61.7	64.9	66.0	69.1	70.2	70.2	70.7	71.3	71.3	71.8	71.8	71.8	72.3
GE 16000	42.6	50.0	56.4	61.7	64.9	66.0	69.1	70.2	70.2	70.7	71.3	71.3	71.8	71.8	71.8	72.3
GE 14000	42.6	50.0	56.4	61.7	64.9	66.0	69.1	70.2	70.2	70.7	71.3	71.3	71.8	71.8	71.8	72.3
GE 12000	42.6	50.0	56.9	62.2	65.4	66.5	69.7	70.7	70.7	71.3	71.8	71.8	72.3	72.3	72.3	72.9
GE 10000	45.2	52.7	61.2	67.0	70.7	71.8	75.0	76.1	76.1	76.6	77.1	77.1	77.7	77.7	77.7	78.2
GE 9000	45.7	53.2	61.7	67.6	71.3	72.3	75.5	76.6	76.6	77.1	77.7	77.7	78.2	78.2	78.2	78.7
GE 8000	48.9	56.9	66.0	71.8	75.5	76.6	79.8	80.9	80.9	81.4	81.9	81.9	82.4	82.4	82.4	83.0
GE 7000	48.9	56.9	66.5	72.3	76.6	77.7	80.9	81.9	81.9	82.4	83.0	83.0	83.5	83.5	83.5	84.0
GE 6000	48.9	56.9	66.5	72.3	76.6	77.7	80.9	81.9	81.9	82.4	83.0	83.0	83.5	83.5	83.5	84.0
GE 5000	51.6	59.6	69.1	75.0	79.3	80.3	83.5	84.6	84.6	85.1	85.6	85.6	86.2	86.2	86.2	86.7
GE 4500	53.2	61.2	70.7	76.6	80.9	81.9	85.1	86.2	86.2	86.7	87.2	87.2	87.8	87.8	87.8	88.3
GE 4000	53.2	61.2	71.3	77.1	81.9	83.0	86.2	87.8	87.8	88.3	88.8	88.8	89.4	89.4	89.4	89.9
GE 3500	53.2	61.2	71.8	77.7	82.4	83.5	86.7	88.3	88.3	88.8	89.4	89.4	89.9	89.9	89.9	90.4
GE 3000	53.7	61.7	72.3	78.2	83.5	84.6	88.3	89.9	89.9	90.4	91.0	91.0	91.5	91.5	91.5	92.0
GE 2500	53.7	61.7	72.3	78.2	83.5	84.6	88.3	89.9	89.9	90.4	91.0	91.0	91.5	91.5	91.5	92.0
GE 2000	53.7	61.7	72.3	78.2	83.5	84.6	88.3	89.9	89.9	90.4	91.0	91.0	91.5	91.5	91.5	92.0
GE 1800	54.8	62.8	73.9	79.8	85.1	86.2	89.9	92.0	92.0	92.6	93.1	93.1	93.6	93.6	93.6	94.1
GE 1500	54.8	62.8	73.9	79.8	85.1	86.2	89.9	92.0	92.0	92.6	93.1	93.1	93.6	93.6	93.6	94.1
GE 1200	54.8	62.8	73.9	79.8	85.1	86.2	89.9	92.0	92.0	92.6	93.1	93.1	93.6	93.6	93.6	94.1
GE 1000	55.3	63.3	74.5	80.3	85.6	86.7	90.4	92.6	92.6	93.1	93.6	93.6	94.1	94.1	94.1	94.7
GE 900	55.3	63.3	74.5	80.3	86.2	87.2	91.0	93.1	93.1	93.6	94.1	94.1	94.7	94.7	94.7	95.2
GE 800	55.3	63.3	74.5	80.3	86.2	87.2	91.0	93.1	93.1	93.6	94.1	94.1	94.7	94.7	94.7	95.2
GE 700	55.3	63.3	74.5	80.3	86.2	87.2	91.5	93.6	93.6	94.1	94.7	94.7	95.2	95.2	95.2	95.7
GE 600	55.3	63.3	74.5	80.3	86.2	87.2	91.5	93.6	93.6	94.1	94.7	94.7	95.2	95.2	95.2	95.7
GE 500	55.3	63.3	75.0	80.9	86.7	87.8	92.0	94.1	94.1	94.7	95.2	95.2	95.7	95.7	95.7	96.3
GE 400	55.3	63.3	75.0	81.4	87.2	88.3	93.1	95.7	95.7	96.3	96.8	96.8	97.3	97.3	97.3	97.9
GE 300	55.3	63.3	75.0	81.4	87.2	88.3	93.1	96.8	96.8	97.3	97.9	97.9	98.4	98.4	98.4	98.9
GE 200	55.3	63.3	75.0	81.4	87.2	88.3	93.1	96.8	96.8	97.3	97.9	97.9	98.4	98.4	98.4	98.9
GE 100	55.3	63.3	75.0	81.4	87.2	88.3	93.1	96.8	96.8	97.9	98.4	98.4	98.9	98.9	98.9	100.0
GE 000	55.3	63.3	75.0	81.4	87.2	88.3	93.1	96.8	96.8	97.9	98.4	98.4	98.9	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 188

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/PORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	44.4	48.7	52.3	55.2	59.4	59.9	61.2	61.5	61.5	61.7	61.8	61.9	62.1	62.3	62.3	62.5
GE 20000	49.0	53.4	57.0	60.8	65.6	66.2	67.4	67.8	67.8	67.9	68.1	68.2	68.7	68.8	68.8	69.2
GE 18000	49.0	53.4	57.0	60.8	65.6	66.2	67.4	67.8	67.8	67.9	68.1	68.2	68.7	68.8	68.8	69.2
GE 16000	49.0	53.4	57.0	60.8	65.6	66.2	67.4	67.8	67.8	67.9	68.1	68.2	68.7	68.8	68.8	69.2
GE 14000	49.0	53.4	57.0	60.8	65.6	66.2	67.4	67.8	67.8	67.9	68.1	68.2	68.7	68.8	68.8	69.2
GE 12000	50.1	54.7	58.3	62.4	67.2	67.8	69.1	69.5	69.5	69.7	69.8	69.9	70.4	70.5	70.5	70.9
GE 10000	53.3	58.8	62.5	67.1	72.6	73.2	74.5	75.0	75.0	75.1	75.2	75.3	75.8	76.0	76.0	76.3
GE 9000	53.6	59.4	63.1	67.7	73.2	73.9	75.1	75.6	75.6	75.7	75.8	76.0	76.4	76.6	76.6	76.9
GE 8000	55.5	61.9	66.0	70.5	76.1	76.7	77.9	78.4	78.4	78.5	78.7	78.8	79.3	79.4	79.4	79.8
GE 7000	55.9	62.4	66.6	71.1	76.8	77.4	78.7	79.2	79.2	79.3	79.4	79.5	80.0	80.1	80.1	80.5
GE 6000	56.2	62.8	67.2	71.9	77.6	78.2	79.4	79.9	79.9	80.0	80.1	80.3	80.8	80.9	80.9	81.3
GE 5000	57.1	63.7	68.2	73.0	78.7	79.4	80.6	81.1	81.1	81.3	81.4	81.5	82.0	82.1	82.1	82.5
GE 4500	57.8	64.6	69.2	74.0	79.7	80.4	81.6	82.1	82.1	82.2	82.4	82.5	83.0	83.1	83.1	83.5
GE 4000	58.4	65.2	69.9	74.8	80.5	81.3	82.5	83.0	83.0	83.1	83.2	83.4	83.8	84.0	84.0	84.3
GE 3500	59.7	66.7	71.5	76.6	82.2	83.0	84.2	84.7	84.7	84.8	85.0	85.1	85.6	85.7	85.7	86.1
GE 3000	60.9	68.1	72.9	78.1	84.3	85.1	86.4	86.9	86.9	87.1	87.2	87.3	87.8	87.9	87.9	88.3
GE 2500	61.5	68.7	73.5	78.8	85.2	86.1	87.5	88.2	88.2	88.3	88.4	88.5	89.0	89.1	89.1	89.5
GE 2000	61.9	69.1	74.0	79.4	86.2	87.1	88.5	89.3	89.3	89.4	89.5	89.6	89.6	90.1	90.3	90.6
GE 1800	62.0	69.2	74.1	79.5	86.3	87.2	88.7	89.4	89.4	89.5	89.6	89.8	89.8	90.3	90.4	90.8
GE 1500	62.0	69.2	74.2	79.8	86.6	87.4	88.9	89.6	89.6	89.8	89.9	90.0	90.5	90.6	90.6	91.0
GE 1200	62.1	69.3	74.4	80.0	86.9	87.8	89.3	90.0	90.0	90.1	90.3	90.4	90.9	91.0	91.0	91.4
GE 1000	62.3	69.7	75.1	81.0	88.0	89.0	90.6	91.4	91.4	91.6	91.7	91.9	92.4	92.5	92.5	92.8
GE 900	62.3	69.7	75.2	81.3	88.3	89.3	91.0	91.7	91.7	92.0	92.1	92.2	92.7	92.8	92.8	93.2
GE 800	62.3	69.7	75.3	81.5	88.5	89.5	91.2	92.1	92.1	92.4	92.5	92.6	93.1	93.2	93.3	93.7
GE 700	62.3	69.8	75.5	81.6	88.8	89.8	91.5	92.5	92.6	93.0	93.1	93.2	93.7	93.8	94.0	94.3
GE 600	62.5	70.0	75.7	81.9	89.1	90.1	91.9	92.8	93.0	93.3	93.6	93.7	94.2	94.3	94.5	94.8
GE 500	62.5	70.0	76.0	82.4	89.8	90.9	92.6	93.6	93.7	94.1	94.3	94.5	95.1	95.2	95.3	95.7
GE 400	62.5	70.0	76.1	82.5	90.0	91.2	93.2	94.5	94.6	94.9	95.2	95.3	96.1	96.2	96.3	96.7
GE 300	62.5	70.0	76.1	82.6	90.1	91.4	93.6	95.3	95.4	95.8	96.3	96.7	97.4	97.5	97.8	98.3
GE 200	62.5	70.0	76.1	82.6	90.1	91.4	93.7	95.7	95.8	96.4	97.0	97.4	98.4	98.5	99.0	99.5
GE 100	62.5	70.0	76.1	82.6	90.1	91.4	93.7	95.7	95.8	96.4	97.0	97.4	98.4	98.5	99.0	100.0
GE 000	62.5	70.0	76.1	82.6	90.1	91.4	93.7	95.7	95.8	96.4	97.0	97.4	98.4	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 811

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	57.9	61.5	63.3	64.4	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 20000	64.4	68.5	70.7	72.1	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 18000	64.5	68.6	70.8	72.2	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 16000	64.5	68.6	70.8	72.2	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 14000	65.1	69.2	71.4	72.7	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 12000	65.8	70.3	72.5	73.9	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 10000	68.4	73.4	76.2	77.9	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 9000	68.7	73.8	76.6	78.4	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 8000	69.9	75.2	78.1	79.9	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 7000	70.4	76.0	78.9	80.7	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 6000	70.8	76.4	79.6	81.4	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 5000	71.0	76.7	79.9	81.9	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4500	71.2	77.0	80.3	82.2	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4000	72.1	78.1	81.3	83.3	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 3500	73.3	79.3	82.6	84.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3000	75.3	81.6	85.1	87.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	76.6	83.1	86.6	88.7	89.7	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2000	76.8	83.7	87.4	89.5	90.6	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1800	76.8	83.7	87.4	89.5	90.6	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1500	77.6	84.6	88.7	90.8	91.9	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1200	77.8	85.1	89.6	91.9	93.1	93.2	93.4	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1000	77.9	85.2	89.7	92.1	93.3	93.5	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	78.1	85.3	89.8	92.4	93.8	94.1	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 800	78.4	85.8	90.4	93.1	94.7	95.2	95.6	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 700	78.5	85.9	90.8	93.4	95.0	95.6	96.1	96.4	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7
GE 600	78.5	85.9	90.9	93.8	95.5	96.1	96.5	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 500	78.5	85.9	91.3	94.6	96.3	96.9	97.5	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	78.5	85.9	91.3	94.8	96.9	97.5	98.3	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	78.5	85.9	91.3	94.8	96.9	97.5	98.4	99.2	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	78.5	85.9	91.3	94.8	96.9	97.5	98.4	99.2	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	78.5	85.9	91.3	94.8	96.9	97.5	98.4	99.2	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	78.5	85.9	91.3	94.8	96.9	97.5	98.4	99.2	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 866

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	58.8	60.6	61.7	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 20000	69.0	71.5	72.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 18000	69.0	71.5	72.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 16000	69.0	71.5	72.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 14000	69.0	71.5	72.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 12000	69.5	72.0	73.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 10000	71.5	74.6	76.2	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 9000	71.8	74.9	76.6	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
GE 8000	73.4	76.5	78.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 7000	74.5	77.6	79.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 6000	75.3	78.7	80.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 5000	76.0	79.4	81.6	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 4500	76.6	80.3	82.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 4000	77.9	81.6	84.0	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 3500	80.5	84.2	86.6	87.9	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 3000	82.4	86.5	88.9	90.2	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 2500	84.5	88.7	91.5	92.7	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 2000	85.7	90.2	93.0	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1800	85.9	90.4	93.2	94.6	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 1500	86.3	90.8	93.6	95.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	86.5	91.0	94.3	95.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	86.6	91.2	94.5	96.0	97.0	97.0	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	86.6	91.2	94.6	96.1	97.2	97.2	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	86.9	91.6	94.9	96.4	97.5	97.5	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	86.9	91.8	95.2	97.0	98.1	98.1	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	87.0	92.0	95.7	97.4	98.5	98.5	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	87.0	92.1	95.8	97.6	98.8	98.8	98.9	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	87.0	92.1	95.8	97.6	99.0	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	87.0	92.1	95.8	97.6	99.0	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	87.0	92.1	95.8	97.6	99.0	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	87.0	92.1	95.8	97.6	99.0	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 000	87.0	92.1	95.8	97.6	99.0	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	58.7	61.1	61.9	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 20000	69.8	72.7	74.1	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 18000	69.8	72.7	74.1	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 16000	70.0	72.9	74.4	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 14000	70.0	72.9	74.5	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 12000	71.1	74.1	75.7	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 10000	75.6	78.9	80.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 9000	75.7	79.1	81.1	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 8000	79.1	82.4	84.6	86.2	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 7000	79.4	82.8	85.1	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
GE 6000	79.4	82.8	85.1	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
GE 5000	80.3	83.6	85.9	87.6	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 4500	80.9	84.2	86.6	88.3	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 4000	81.2	84.6	87.1	88.8	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3500	83.2	86.8	89.4	91.1	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 3000	85.3	89.3	91.9	93.9	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2500	86.6	90.6	93.3	95.2	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2000	87.1	91.2	94.2	96.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	87.1	91.2	94.2	96.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	87.1	91.3	94.5	96.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	87.2	91.5	94.7	96.9	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	87.4	91.8	95.1	97.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	87.5	91.9	95.2	97.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	87.5	91.9	95.2	97.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	87.7	92.2	95.4	97.7	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	87.8	92.3	95.5	97.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	87.8	92.3	95.5	97.8	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	87.8	92.3	95.5	97.8	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	87.8	92.3	95.5	97.8	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	87.8	92.3	95.5	97.8	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	87.8	92.3	95.5	97.8	99.0	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	87.8	92.3	95.5	97.8	99.0	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 831

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	58.7	61.9	63.7	65.4	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 20000	70.2	74.1	75.9	77.8	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	70.2	74.1	75.9	77.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 16000	70.6	74.5	76.3	78.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 14000	71.0	74.9	76.7	78.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 12000	72.1	76.0	77.8	79.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 10000	77.1	81.2	82.9	84.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 9000	77.5	81.7	83.5	85.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 8000	80.1	84.4	86.3	88.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 7000	81.4	85.9	87.8	90.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 6000	81.7	86.2	88.1	90.2	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 5000	82.2	86.7	88.6	90.9	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 4500	82.4	87.0	89.0	91.5	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 4000	82.9	87.5	89.6	92.0	93.5	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3500	83.1	87.9	90.0	92.4	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3000	84.7	89.6	91.6	94.0	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2500	85.2	90.1	92.4	95.0	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	85.2	90.1	92.5	95.1	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	85.4	90.2	92.7	95.3	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500	85.4	90.2	92.7	95.3	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	85.5	90.4	92.8	95.4	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000	85.8	90.7	93.1	95.7	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	85.9	90.8	93.2	95.9	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	86.0	90.9	93.4	96.1	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	86.2	91.1	93.5	96.2	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	86.3	91.2	93.6	96.3	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	86.3	91.2	93.6	96.3	98.4	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	86.3	91.2	93.6	96.3	98.4	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
GE 300	86.3	91.2	93.6	96.3	98.4	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
GE 200	86.3	91.2	93.6	96.3	98.4	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.6	99.6
GE 100	86.3	91.2	93.6	96.3	98.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.9	99.9	100.0	100.0
GE 000	86.3	91.2	93.6	96.3	98.4	98.8	99.1	99.2	99.5	99.5	99.5	99.5	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 738

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	47.6	47.6	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 20000	71.4	71.4	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 18000	71.4	71.4	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 16000	71.4	71.4	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 14000	71.4	71.4	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 12000	76.2	76.2	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	76.2	76.2	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 9000	76.2	76.2	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 8000	76.2	76.2	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 7000	76.2	76.2	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 6000	76.2	76.2	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 5000	81.0	81.0	85.7	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 4500	81.0	81.0	85.7	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 4000	90.5	90.5	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	90.5	90.5	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	90.5	90.5	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	90.5	90.5	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	90.5	90.5	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	90.5	90.5	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	90.5	90.5	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	90.5	90.5	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	90.5	90.5	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	90.5	90.5	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	90.5	90.5	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	90.5	90.5	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	90.5	90.5	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	90.5	90.5	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	90.5	90.5	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	90.5	90.5	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.5	90.5	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.5	90.5	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.5	90.5	95.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 21

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	55.0	58.2	60.1	61.9	63.0	63.1	63.5	63.6	63.6	63.6	63.7	63.7	63.8	63.8	63.8	63.9
GE 20000	63.6	67.3	69.5	71.6	72.8	73.0	73.4	73.5	73.5	73.6	73.6	73.6	73.7	73.8	73.8	73.9
GE 18000	63.6	67.3	69.6	71.6	72.9	73.1	73.5	73.6	73.6	73.6	73.7	73.7	73.8	73.8	73.8	73.9
GE 16000	63.8	67.4	69.7	71.7	73.0	73.2	73.6	73.7	73.7	73.7	73.8	73.8	73.9	73.9	73.9	74.0
GE 14000	63.9	67.6	69.9	72.0	73.3	73.4	73.8	73.9	73.9	74.0	74.0	74.0	74.1	74.2	74.2	74.3
GE 12000	64.8	68.6	70.9	73.0	74.3	74.5	74.9	75.0	75.0	75.1	75.1	75.1	75.2	75.3	75.3	75.4
GE 10000	68.1	72.4	75.0	77.3	78.8	79.0	79.4	79.5	79.5	79.6	79.6	79.7	79.8	79.8	79.8	79.9
GE 9000	68.4	72.8	75.5	77.8	79.4	79.6	79.9	80.1	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.4
GE 8000	70.5	75.2	78.0	80.4	81.9	82.2	82.5	82.7	82.7	82.7	82.8	82.8	82.9	82.9	82.9	83.0
GE 7000	71.2	76.0	78.9	81.3	82.9	83.1	83.5	83.6	83.6	83.7	83.7	83.7	83.9	83.9	83.9	84.0
GE 6000	71.6	76.4	79.4	81.9	83.5	83.7	84.1	84.2	84.2	84.3	84.3	84.4	84.5	84.5	84.5	84.6
GE 5000	72.3	77.2	80.3	82.8	84.5	84.7	85.1	85.2	85.2	85.3	85.3	85.4	85.5	85.5	85.5	85.6
GE 4500	72.9	77.8	81.0	83.5	85.3	85.5	85.9	86.0	86.0	86.1	86.1	86.2	86.3	86.3	86.3	86.4
GE 4000	73.6	78.6	81.9	84.5	86.3	86.6	87.0	87.1	87.1	87.2	87.2	87.2	87.3	87.4	87.4	87.5
GE 3500	75.0	80.2	83.5	86.1	88.0	88.3	88.7	88.8	88.8	88.9	88.9	88.9	89.1	89.1	89.1	89.2
GE 3000	76.8	82.1	85.5	88.2	90.4	90.7	91.2	91.4	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.7
GE 2500	77.9	83.4	86.9	89.6	91.8	92.2	92.6	92.9	92.9	92.9	92.9	93.0	93.1	93.1	93.1	93.2
GE 2000	78.4	83.9	87.6	90.4	92.8	93.1	93.6	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.1
GE 1800	78.5	84.1	87.8	90.6	92.9	93.2	93.7	94.0	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.3
GE 1500	78.7	84.4	88.2	91.1	93.5	93.8	94.3	94.6	94.6	94.6	94.7	94.7	94.8	94.8	94.8	94.9
GE 1200	78.9	84.6	88.6	91.6	94.0	94.3	94.8	95.1	95.1	95.2	95.2	95.3	95.4	95.4	95.4	95.5
GE 1000	79.1	84.9	89.0	92.0	94.4	94.8	95.4	95.7	95.7	95.8	95.8	95.9	96.0	96.0	96.0	96.1
GE 900	79.1	84.9	89.1	92.2	94.8	95.2	95.8	96.1	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.5
GE 800	79.3	85.1	89.3	92.5	95.1	95.5	96.1	96.5	96.5	96.6	96.7	96.7	96.8	96.8	96.8	96.9
GE 700	79.4	85.3	89.5	92.7	95.4	95.9	96.5	96.9	96.9	97.1	97.1	97.1	97.3	97.3	97.3	97.4
GE 600	79.5	85.4	89.7	93.0	95.7	96.2	96.8	97.2	97.3	97.4	97.5	97.5	97.6	97.6	97.7	97.8
GE 500	79.5	85.4	89.9	93.3	96.1	96.6	97.3	97.7	97.8	97.9	98.0	98.1	98.2	98.2	98.2	98.3
GE 400	79.5	85.4	90.0	93.4	96.3	96.9	97.7	98.2	98.3	98.4	98.5	98.6	98.7	98.7	98.8	98.9
GE 300	79.5	85.4	90.0	93.4	96.3	96.9	97.8	98.5	98.6	98.8	98.9	99.0	99.2	99.2	99.3	99.4
GE 200	79.5	85.4	90.0	93.4	96.3	96.9	97.9	98.6	98.7	98.9	99.1	99.2	99.5	99.5	99.6	99.7
GE 100	79.5	85.4	90.0	93.4	96.3	96.9	97.9	98.7	98.8	99.1	99.2	99.3	99.6	99.6	99.7	100.0
GE 000	79.5	85.4	90.0	93.4	96.3	96.9	97.9	98.7	98.8	99.1	99.2	99.3	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 4379

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457      STATION NAME: FT LEONARD WOOD/FORNEY AAF MO      PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6      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	55.4	59.3	63.8	66.1	68.9	68.9	70.6	70.6	70.6	70.6	70.6	70.6	71.2	71.2	71.2	71.8
GE 20000	55.9	59.9	65.0	67.2	70.6	70.6	72.3	72.3	72.3	72.3	72.3	72.3	72.9	72.9	72.9	73.4
GE 18000	55.9	59.9	65.0	67.2	70.6	70.6	72.3	72.3	72.3	72.3	72.3	72.3	72.9	72.9	72.9	73.4
GE 16000	55.9	59.9	65.0	67.2	70.6	70.6	72.3	72.3	72.3	72.3	72.3	72.3	72.9	72.9	72.9	73.4
GE 14000	55.9	59.9	65.0	67.2	70.6	70.6	72.3	72.3	72.3	72.3	72.3	72.3	72.9	72.9	72.9	73.4
GE 12000	55.9	59.9	65.0	67.2	70.6	70.6	72.3	72.3	72.3	72.3	72.3	72.3	72.9	72.9	72.9	73.4
GE 10000	56.5	60.5	65.5	67.8	71.2	71.2	72.9	72.9	72.9	72.9	72.9	72.9	73.4	73.4	73.4	74.0
GE 9000	57.1	61.0	66.1	68.4	71.8	71.8	73.4	73.4	73.4	73.4	73.4	73.4	74.0	74.0	74.0	74.6
GE 8000	59.3	63.3	68.9	71.2	75.1	75.1	76.8	76.8	76.8	76.8	76.8	76.8	77.4	77.4	77.4	78.0
GE 7000	59.3	63.3	68.9	71.2	75.1	75.1	76.8	76.8	76.8	76.8	76.8	76.8	77.4	77.4	77.4	78.0
GE 6000	60.5	64.4	70.1	72.3	76.3	76.3	78.0	78.0	78.0	78.0	78.0	78.0	78.5	78.5	78.5	79.1
GE 5000	62.7	66.7	72.9	75.1	79.1	79.1	80.8	80.8	80.8	80.8	80.8	80.8	81.4	81.4	81.4	81.9
GE 4500	62.7	66.7	73.4	75.7	79.7	79.7	81.4	81.4	81.4	81.4	81.4	81.4	81.9	81.9	81.9	82.5
GE 4000	62.7	66.7	73.4	75.7	79.7	79.7	81.9	81.9	81.9	81.9	81.9	81.9	82.5	82.5	82.5	83.1
GE 3500	66.1	70.1	76.8	79.1	83.6	83.6	85.9	85.9	85.9	85.9	85.9	85.9	86.4	86.4	86.4	87.0
GE 3000	66.1	70.1	76.8	79.7	84.2	84.2	86.4	86.4	86.4	86.4	86.4	86.4	87.0	87.0	87.0	87.6
GE 2500	66.7	70.6	77.4	80.2	85.3	85.3	87.6	87.6	87.6	87.6	87.6	87.6	88.1	88.1	88.1	88.7
GE 2000	67.2	71.2	78.0	80.8	85.9	85.9	88.1	88.1	88.1	88.1	88.1	88.1	88.7	88.7	88.7	89.3
GE 1800	67.2	71.2	78.0	80.8	85.9	85.9	88.1	88.1	88.1	88.1	88.1	88.1	88.7	88.7	88.7	89.3
GE 1500	67.2	71.2	78.0	81.4	87.0	87.0	89.8	89.8	89.8	89.8	89.8	89.8	90.4	90.4	90.4	91.0
GE 1200	67.2	71.2	78.0	81.4	87.0	87.0	89.8	89.8	89.8	89.8	89.8	89.8	90.4	90.4	90.4	91.0
GE 1000	68.4	72.3	79.1	82.5	88.1	88.1	91.0	91.0	91.0	91.0	91.0	91.0	91.5	91.5	91.5	92.1
GE 900	68.4	72.3	79.1	82.5	88.1	88.1	91.0	91.0	91.0	91.0	91.0	91.0	91.5	91.5	91.5	92.1
GE 800	68.4	72.9	79.7	83.1	88.7	88.7	91.5	91.5	91.5	91.5	91.5	91.5	92.1	92.1	92.1	92.7
GE 700	68.4	72.9	79.7	83.1	88.7	89.3	92.1	92.1	92.1	92.1	92.1	92.1	92.7	92.7	92.7	93.2
GE 600	68.9	74.0	80.8	84.2	89.8	90.4	93.8	93.8	93.8	93.8	93.8	93.8	94.4	94.4	94.4	94.9
GE 500	68.9	74.0	80.8	84.2	89.8	90.4	94.4	94.4	94.4	94.4	94.4	94.4	94.9	94.9	94.9	96.0
GE 400	68.9	74.0	81.9	85.3	91.5	92.1	96.0	96.0	96.0	96.0	96.0	96.0	96.6	96.6	96.6	97.7
GE 300	68.9	74.0	81.9	85.9	92.1	92.7	96.6	96.6	96.6	96.6	96.6	96.6	97.2	97.2	97.2	98.3
GE 200	68.9	74.0	81.9	85.9	92.7	93.2	97.2	97.2	97.2	97.2	97.2	97.2	97.7	97.7	97.7	98.9
GE 100	68.9	74.0	81.9	85.9	92.7	93.2	97.2	97.2	97.2	97.2	97.7	97.7	97.7	98.3	98.3	99.4
GE 000	68.9	74.0	81.9	85.9	92.7	93.2	97.2	97.2	97.2	97.7	97.7	97.7	98.9	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 177

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	43.5	48.4	51.2	54.2	56.3	56.9	57.7	57.8	57.9	58.5	58.5	58.5	58.6	58.6	59.0	59.5
GE 20000	46.1	51.6	55.1	58.3	60.8	61.4	62.2	62.5	62.6	63.1	63.2	63.2	63.4	63.4	63.7	64.3
GE 18000	46.1	51.6	55.1	58.3	60.8	61.4	62.2	62.5	62.6	63.1	63.2	63.2	63.4	63.4	63.7	64.3
GE 16000	46.1	51.6	55.1	58.3	60.8	61.4	62.2	62.5	62.6	63.1	63.2	63.2	63.4	63.4	63.7	64.3
GE 14000	46.1	51.6	55.1	58.3	60.9	61.5	62.3	62.6	62.7	63.2	63.4	63.4	63.5	63.5	63.9	64.4
GE 12000	47.4	52.9	56.4	59.6	62.2	62.8	63.6	63.9	64.0	64.5	64.6	64.6	64.8	64.8	65.2	65.7
GE 10000	50.2	55.7	59.2	62.6	65.5	66.2	67.2	67.7	67.9	68.5	68.8	68.8	68.9	68.9	69.3	69.8
GE 9000	50.8	56.4	59.9	63.2	66.2	66.8	67.9	68.4	68.5	69.3	69.5	69.5	69.7	69.7	70.1	70.6
GE 8000	53.0	59.0	62.7	66.3	69.7	70.3	71.4	71.9	72.0	72.8	73.0	73.0	73.2	73.2	73.5	74.1
GE 7000	53.8	59.7	63.5	67.2	70.6	71.2	72.4	72.9	73.0	73.8	74.1	74.1	74.2	74.2	74.6	75.1
GE 6000	54.1	60.0	63.7	67.6	71.0	71.6	72.8	73.3	73.4	74.2	74.5	74.5	74.6	74.6	75.0	75.5
GE 5000	55.6	61.7	65.5	69.8	73.4	74.1	75.2	75.7	75.9	76.6	76.9	76.9	77.0	77.0	77.4	77.9
GE 4500	57.2	63.2	67.1	71.4	75.1	75.7	76.9	77.4	77.5	78.3	78.6	78.6	78.7	78.7	79.1	79.6
GE 4000	57.7	63.7	67.6	72.0	75.7	76.4	77.7	78.2	78.3	79.1	79.4	79.4	79.5	79.5	79.9	80.4
GE 3500	58.6	64.8	69.0	73.8	77.5	78.2	79.6	80.1	80.3	81.0	81.3	81.3	81.4	81.4	81.8	82.3
GE 3000	59.2	65.5	69.8	74.7	79.0	79.7	81.3	81.8	81.9	82.7	83.0	83.0	83.1	83.1	83.5	84.0
GE 2500	59.4	65.7	69.9	75.0	79.4	80.3	81.8	82.6	82.7	83.5	83.7	83.7	83.9	83.9	84.3	84.8
GE 2000	60.6	67.0	71.4	76.4	81.0	81.9	83.5	84.4	84.5	85.3	85.5	85.5	85.7	85.7	86.1	86.6
GE 1800	60.8	67.2	71.6	76.6	81.3	82.2	83.7	84.6	84.8	85.5	85.8	85.8	85.9	85.9	86.3	86.8
GE 1500	61.7	68.6	73.2	78.2	82.8	83.7	85.3	86.5	86.6	87.4	87.6	87.6	87.7	87.7	88.1	88.6
GE 1200	62.3	69.4	73.9	79.0	83.7	84.6	86.2	87.4	87.5	88.3	88.5	88.5	88.6	88.6	89.0	89.5
GE 1000	63.0	70.2	74.8	79.9	84.8	85.7	87.2	88.5	88.6	89.5	89.8	89.8	89.9	89.9	90.3	90.8
GE 900	63.0	70.2	74.8	80.0	85.2	86.1	87.6	89.0	89.2	90.1	90.3	90.3	90.5	90.5	90.8	91.4
GE 800	63.0	70.3	75.1	80.3	85.4	86.3	87.9	89.3	89.4	90.3	90.6	90.6	90.7	90.7	91.1	91.6
GE 700	63.4	70.7	75.7	80.9	86.3	87.2	88.8	90.2	90.3	91.2	91.5	91.5	91.6	91.6	92.0	92.5
GE 600	63.4	70.7	75.7	80.9	86.3	87.2	89.0	90.5	90.6	91.5	91.9	91.9	92.0	92.0	92.4	92.9
GE 500	63.6	71.1	76.1	81.7	87.4	88.3	90.2	91.7	91.9	92.8	93.2	93.2	93.3	93.3	93.7	94.2
GE 400	64.0	71.6	76.6	82.2	88.3	89.3	91.4	92.9	93.0	93.9	94.3	94.3	94.5	94.5	94.8	95.4
GE 300	64.1	71.7	76.9	82.7	88.8	89.8	91.9	93.4	93.7	94.7	95.2	95.4	95.5	95.5	96.0	96.8
GE 200	64.1	71.7	76.9	82.7	89.2	90.2	92.5	94.3	94.6	95.7	96.3	96.4	96.9	96.9	97.4	98.6
GE 100	64.1	71.7	76.9	82.7	89.3	90.3	92.6	94.5	94.8	96.0	96.5	96.6	97.3	97.3	97.8	99.4
GE 000	64.1	71.7	76.9	82.7	89.3	90.3	92.6	94.5	94.8	96.0	96.5	96.6	97.3	97.3	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 775

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/PORNEY AAF MO  
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	52.6	56.6	57.2	57.4	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 20000	57.8	62.9	64.0	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 18000	57.8	62.9	64.0	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 16000	57.8	62.9	64.0	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 14000	57.9	63.1	64.3	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
GE 12000	59.7	64.9	66.1	66.4	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	62.2	67.5	68.7	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
GE 9000	62.6	68.0	69.2	69.5	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 8000	65.2	70.7	72.1	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 7000	66.3	71.8	73.1	74.1	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 6000	66.7	72.2	73.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 5000	68.0	73.6	74.9	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 4500	68.3	74.1	75.4	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4000	69.2	75.1	76.4	77.3	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	69.7	75.9	77.5	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.3	79.3	79.3	79.3
GE 3000	71.6	78.2	79.9	81.1	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9
GE 2500	74.3	81.1	82.9	84.2	85.1	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6
GE 2000	75.3	82.0	84.2	85.9	86.9	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5
GE 1800	75.8	82.5	84.7	86.3	87.4	87.5	87.8	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0
GE 1500	78.1	84.9	87.3	89.0	90.0	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6
GE 1200	78.8	85.9	88.4	90.0	91.1	91.2	91.5	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
GE 1000	79.3	86.5	89.0	90.9	92.0	92.1	92.3	92.4	92.4	92.4	92.6	92.6	92.7	92.7	92.7	92.7
GE 900	79.5	86.8	89.3	91.4	92.6	92.7	92.9	93.0	93.0	93.0	93.2	93.2	93.3	93.3	93.3	93.3
GE 800	80.1	87.5	90.2	92.3	93.5	93.6	94.0	94.2	94.2	94.2	94.4	94.4	94.5	94.5	94.5	94.5
GE 700	80.2	87.6	90.8	93.0	94.4	94.6	95.2	95.4	95.4	95.4	95.7	95.7	95.8	95.8	95.8	95.8
GE 600	80.2	87.6	90.8	93.0	94.4	94.6	95.3	95.7	95.7	95.7	95.9	95.9	96.0	96.0	96.0	96.0
GE 500	80.2	87.9	91.1	93.5	95.2	95.9	96.6	97.1	97.1	97.1	97.4	97.4	97.5	97.5	97.5	97.5
GE 400	80.2	88.1	91.6	94.0	95.9	96.6	97.4	97.8	97.8	97.8	98.1	98.1	98.2	98.2	98.2	98.2
GE 300	80.2	88.1	91.7	94.2	96.2	97.0	98.0	98.6	98.6	98.6	98.7	98.9	99.0	99.3	99.3	99.3
GE 200	80.2	88.1	91.7	94.4	96.3	97.1	98.1	98.7	98.7	98.7	98.9	99.3	99.4	99.8	99.8	99.8
GE 100	80.2	88.1	91.7	94.4	96.3	97.1	98.1	98.7	98.7	98.7	98.9	99.4	99.5	100.0	100.0	100.0
GE 000	80.2	88.1	91.7	94.4	96.3	97.1	98.1	98.7	98.7	98.7	98.9	99.4	99.5	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 834

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457      STATION NAME: FT LEONARD WOOD/FORNEY AAF MO      PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6      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	53.9	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 20000	63.4	65.2	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 18000	63.4	65.2	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 16000	63.4	65.2	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 14000	63.5	65.4	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 12000	65.1	67.2	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 10000	69.1	71.5	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 9000	69.8	72.1	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	72.3	74.8	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 7000	73.3	75.8	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	76.5
GE 6000	73.6	76.3	76.7	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 5000	75.3	78.1	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
GE 4500	76.0	78.9	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 4000	76.7	79.6	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5
GE 3500	77.6	80.5	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5
GE 3000	82.0	85.0	85.6	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2
GE 2500	85.2	88.5	89.1	89.6	89.6	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
GE 2000	86.2	89.7	90.4	90.8	90.8	90.9	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
GE 1800	86.7	90.2	90.8	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 1500	87.9	91.4	92.1	92.5	92.6	92.7	92.8	92.8	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 1200	88.7	92.3	93.0	93.4	93.5	93.6	93.7	93.7	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000	90.2	93.7	94.4	94.9	95.4	95.5	95.6	95.6	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9
GE 900	90.3	93.8	94.7	95.2	95.7	95.9	96.0	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 800	90.3	93.8	94.7	95.3	95.9	96.0	96.1	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 700	90.7	94.4	95.5	96.2	96.9	97.1	97.2	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 600	90.7	94.7	96.0	96.8	97.5	97.8	97.9	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	90.9	95.0	96.3	97.2	98.0	98.3	98.4	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	91.2	95.3	96.6	97.5	98.7	99.0	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4
GE 300	91.2	95.3	96.6	97.7	98.8	99.1	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.6	99.6
GE 200	91.2	95.3	96.6	97.7	98.8	99.1	99.2	99.3	99.3	99.4	99.6	99.6	99.8	99.8	99.9	99.9
GE 100	91.2	95.3	96.6	97.7	98.8	99.1	99.2	99.3	99.3	99.4	99.6	99.6	99.8	99.8	99.9	100.0
GE 000	91.2	95.3	96.6	97.7	98.8	99.1	99.2	99.3	99.3	99.4	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 894

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	56.8	57.4	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 20000	66.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 18000	66.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 16000	66.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 14000	66.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 12000	67.8	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 10000	73.3	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 9000	73.9	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	75.8
GE 8000	75.3	77.5	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 7000	76.3	78.5	78.9	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	76.8	79.3	79.6	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	77.9	80.5	81.0	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 4500	79.0	82.0	82.5	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 4000	79.9	82.9	83.4	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 3500	81.2	84.2	84.7	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 3000	84.6	87.7	88.2	88.7	89.1	89.1	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4
GE 2500	87.6	90.7	91.2	91.7	92.2	92.2	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5
GE 2000	88.2	91.3	91.8	92.3	92.8	92.8	92.9	92.9	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2
GE 1800	88.3	91.4	91.9	92.4	92.9	92.9	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4
GE 1500	89.1	92.2	92.7	93.2	93.7	93.7	93.9	93.9	93.9	93.9	94.3	94.3	94.3	94.3	94.3	94.3
GE 1200	89.9	93.4	94.0	94.7	95.2	95.2	95.4	95.4	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	90.4	93.9	94.5	95.7	96.3	96.3	96.5	96.5	96.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9
GE 900	90.6	94.0	94.7	95.9	96.5	96.5	96.8	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	90.8	94.3	94.9	96.1	96.8	96.8	97.0	97.0	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4
GE 700	90.8	94.3	94.9	96.1	96.8	96.8	97.0	97.0	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4
GE 600	91.3	94.8	95.4	97.0	97.8	97.8	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	91.6	95.2	95.8	97.5	98.3	98.3	98.6	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	91.6	95.2	95.9	97.6	98.4	98.4	98.8	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	91.6	95.2	95.9	97.8	98.9	98.9	99.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.6	95.2	95.9	97.8	98.9	98.9	99.4	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0
GE 100	91.6	95.2	95.9	97.8	98.9	98.9	99.4	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0
GE 000	91.6	95.2	95.9	97.8	98.9	98.9	99.4	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 805

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/PORNEY AAF MO  
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	61.8	62.5	63.2	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 20000	71.5	73.3	74.0	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	71.5	73.3	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 16000	71.5	73.3	74.0	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 14000	71.8	73.6	74.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 12000	73.6	75.4	76.1	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	78.4	80.6	81.3	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 9000	79.1	81.5	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 8000	80.5	83.1	84.1	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 7000	81.3	84.0	85.0	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 6000	81.7	84.4	85.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 5000	82.6	85.3	86.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 4500	83.4	86.1	87.5	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 4000	84.0	86.7	88.2	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 3500	84.4	87.1	88.6	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 3000	85.7	88.5	90.2	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 2500	87.6	90.7	92.6	93.7	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2000	88.1	91.2	93.0	94.1	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1800	88.2	91.3	93.1	94.2	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1500	89.0	92.1	94.1	95.2	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1200	89.3	92.4	94.5	95.8	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000	89.6	92.7	94.8	96.2	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 900	89.6	92.7	94.8	96.2	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	90.0	93.3	95.4	96.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 700	90.0	93.4	95.6	97.1	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	90.4	93.8	96.2	97.6	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	90.4	93.8	96.2	97.9	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	90.4	93.8	96.2	97.9	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	90.4	93.8	96.2	98.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.4	93.8	96.2	98.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.4	93.8	96.2	98.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.4	93.8	96.2	98.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 712

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	45.5	45.5	50.0	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 20000	59.1	59.1	63.6	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 18000	59.1	59.1	63.6	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 16000	59.1	59.1	63.6	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 14000	59.1	59.1	63.6	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 12000	59.1	59.1	63.6	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 10000	68.2	68.2	72.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 9000	68.2	72.7	77.3	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 8000	68.2	72.7	77.3	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 7000	68.2	72.7	77.3	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 6000	68.2	72.7	77.3	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 5000	68.2	72.7	77.3	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 4500	68.2	72.7	81.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 4000	68.2	72.7	81.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 3500	68.2	72.7	81.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 3000	72.7	77.3	86.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2500	72.7	77.3	86.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2000	72.7	77.3	86.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1800	72.7	77.3	86.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1500	72.7	77.3	86.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1200	72.7	77.3	86.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1000	77.3	81.8	90.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 900	77.3	81.8	90.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 800	77.3	81.8	90.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 700	77.3	81.8	90.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 600	77.3	81.8	90.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	100.0	100.0	100.0
GE 500	77.3	81.8	90.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	100.0	100.0	100.0
GE 400	77.3	81.8	90.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	100.0	100.0	100.0
GE 300	77.3	81.8	90.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	100.0	100.0	100.0
GE 200	77.3	81.8	90.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	100.0	100.0	100.0
GE 100	77.3	81.8	90.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	100.0	100.0	100.0
GE 000	77.3	81.8	90.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 22

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.6	55.9	57.0	57.8	58.3	58.4	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.9	59.0
GE 20000	60.7	63.7	65.0	65.9	66.5	66.7	66.9	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.2	67.3
GE 18000	60.7	63.7	65.0	65.9	66.5	66.7	66.9	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.2	67.3
GE 16000	60.7	63.7	65.0	65.9	66.5	66.7	66.9	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.2	67.3
GE 14000	60.7	63.9	65.2	66.1	66.7	66.8	67.1	67.1	67.1	67.2	67.2	67.2	67.3	67.3	67.4	67.5
GE 12000	62.3	65.5	66.8	67.7	68.4	68.5	68.7	68.7	68.8	68.9	68.9	68.9	68.9	68.9	69.0	69.1
GE 10000	66.1	69.5	70.8	71.7	72.5	72.6	72.9	73.0	73.0	73.1	73.1	73.1	73.2	73.2	73.3	73.4
GE 9000	66.7	70.2	71.5	72.4	73.1	73.3	73.5	73.6	73.6	73.8	73.8	73.8	73.9	73.9	74.0	74.1
GE 8000	68.7	72.5	74.1	75.2	76.1	76.2	76.4	76.5	76.6	76.7	76.7	76.7	76.8	76.8	76.9	77.0
GE 7000	69.6	73.4	75.0	76.2	77.0	77.1	77.4	77.5	77.5	77.7	77.7	77.7	77.8	77.8	77.8	78.0
GE 6000	70.0	73.9	75.4	76.7	77.6	77.7	78.0	78.1	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.5
GE 5000	71.4	75.3	77.0	78.3	79.2	79.4	79.6	79.7	79.8	79.9	79.9	79.9	80.0	80.0	80.1	80.2
GE 4500	72.2	76.3	78.1	79.5	80.4	80.5	80.8	80.9	80.9	81.1	81.1	81.1	81.2	81.2	81.2	81.3
GE 4000	72.9	77.0	78.8	80.2	81.2	81.3	81.7	81.7	81.8	81.9	82.0	82.0	82.0	82.0	82.1	82.2
GE 3500	73.9	78.1	79.9	81.5	82.5	82.6	83.0	83.1	83.1	83.2	83.3	83.3	83.4	83.4	83.5	83.6
GE 3000	76.2	80.5	82.5	84.1	85.3	85.4	85.8	85.9	86.0	86.1	86.2	86.2	86.3	86.3	86.4	86.5
GE 2500	78.3	82.8	84.8	86.5	87.9	88.1	88.6	88.7	88.8	88.9	89.0	89.0	89.1	89.1	89.2	89.3
GE 2000	79.2	83.7	85.8	87.6	89.0	89.2	89.7	89.9	90.0	90.1	90.2	90.2	90.3	90.3	90.4	90.5
GE 1800	79.5	84.0	86.1	87.9	89.3	89.5	90.0	90.2	90.3	90.4	90.5	90.5	90.6	90.6	90.7	90.8
GE 1500	80.6	85.3	87.5	89.3	90.8	91.0	91.5	91.8	91.8	91.9	92.1	92.1	92.2	92.2	92.2	92.3
GE 1200	81.3	86.1	88.4	90.2	91.8	92.0	92.5	92.7	92.8	92.9	93.1	93.1	93.2	93.2	93.2	93.3
GE 1000	82.0	86.9	89.2	91.2	92.9	93.1	93.6	93.9	93.9	94.1	94.3	94.3	94.3	94.3	94.4	94.5
GE 900	82.1	87.0	89.3	91.4	93.2	93.4	94.0	94.2	94.3	94.5	94.6	94.6	94.7	94.7	94.8	94.9
GE 800	82.3	87.3	89.7	91.8	93.7	93.9	94.5	94.8	94.8	95.0	95.1	95.1	95.2	95.2	95.3	95.4
GE 700	82.5	87.6	90.2	92.3	94.3	94.6	95.2	95.5	95.5	95.7	95.9	95.9	96.0	96.0	96.1	96.2
GE 600	82.7	87.8	90.5	92.8	94.7	95.1	95.8	96.2	96.2	96.4	96.6	96.6	96.7	96.7	96.8	96.9
GE 500	82.8	88.1	90.8	93.2	95.4	95.8	96.6	97.0	97.0	97.2	97.4	97.4	97.5	97.5	97.6	97.7
GE 400	83.0	88.3	91.1	93.6	95.9	96.4	97.2	97.6	97.7	97.8	98.1	98.1	98.2	98.2	98.2	98.4
GE 300	83.0	88.3	91.2	93.8	96.2	96.8	97.7	98.1	98.1	98.4	98.6	98.7	98.8	98.8	98.9	99.1
GE 200	83.0	88.3	91.2	93.8	96.3	96.9	97.8	98.3	98.4	98.7	98.9	99.0	99.2	99.2	99.4	99.6
GE 100	83.0	88.3	91.2	93.8	96.4	96.9	97.8	98.3	98.4	98.7	99.0	99.1	99.4	99.4	99.5	99.9
GE 000	83.0	88.3	91.2	93.8	96.4	96.9	97.8	98.3	98.4	98.7	99.0	99.1	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 4219

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	54.9	56.1	57.3	57.9	61.0	61.6	61.6	62.2	62.2	62.2	62.2	62.2	62.8	62.8	62.8	62.8
GE 20000	55.5	56.7	57.9	58.5	61.6	62.2	62.2	62.8	62.8	62.8	62.8	62.8	63.4	63.4	63.4	63.4
GE 18000	55.5	56.7	57.9	58.5	61.6	62.2	62.2	62.8	62.8	62.8	62.8	62.8	63.4	63.4	63.4	63.4
GE 16000	55.5	56.7	57.9	58.5	61.6	62.2	62.2	62.8	62.8	62.8	62.8	62.8	63.4	63.4	63.4	63.4
GE 14000	55.5	56.7	57.9	58.5	61.6	62.2	62.2	62.8	62.8	62.8	62.8	62.8	63.4	63.4	63.4	63.4
GE 12000	56.1	57.3	58.5	59.1	62.2	62.8	62.8	63.4	63.4	63.4	63.4	63.4	64.0	64.0	64.0	64.0
GE 10000	59.1	60.4	61.6	62.2	65.2	65.9	65.9	66.5	66.5	66.5	66.5	66.5	67.1	67.1	67.1	67.1
GE 9000	59.1	60.4	61.6	62.2	65.2	65.9	65.9	66.5	66.5	66.5	66.5	66.5	67.1	67.1	67.1	67.1
GE 8000	61.0	62.2	64.0	64.6	68.3	68.9	68.9	69.5	69.5	69.5	69.5	69.5	70.1	70.1	70.1	70.1
GE 7000	61.0	62.2	64.0	64.6	68.3	68.9	68.9	69.5	69.5	69.5	69.5	69.5	70.1	70.1	70.1	70.1
GE 6000	61.6	62.8	64.6	65.2	68.9	69.5	69.5	70.1	70.1	70.1	70.1	70.1	70.7	70.7	70.7	70.7
GE 5000	63.4	64.6	66.5	67.1	71.3	72.0	72.0	72.6	72.6	72.6	72.6	72.6	73.2	73.2	73.2	73.2
GE 4500	65.2	66.5	68.3	68.9	73.2	73.8	73.8	74.4	74.4	74.4	74.4	74.4	75.0	75.0	75.0	75.0
GE 4000	66.5	67.7	69.5	70.1	74.4	75.0	75.0	75.6	75.6	75.6	75.6	75.6	76.2	76.2	76.2	76.2
GE 3500	67.1	68.3	70.1	70.7	75.0	75.6	75.6	76.2	76.2	76.2	76.2	76.2	76.8	76.8	76.8	76.8
GE 3000	68.9	70.1	72.0	72.6	76.8	77.4	77.4	78.0	78.0	78.0	78.0	78.0	78.7	78.7	78.7	78.7
GE 2500	70.7	72.6	74.4	75.0	79.3	79.9	79.9	80.5	80.5	80.5	80.5	80.5	81.1	81.1	81.1	81.1
GE 2000	71.3	73.2	75.6	76.2	80.5	81.1	81.1	81.7	81.7	81.7	81.7	81.7	82.3	82.3	82.9	82.9
GE 1800	71.3	73.2	75.6	76.2	80.5	81.1	81.1	81.7	81.7	81.7	81.7	81.7	82.3	82.3	82.9	82.9
GE 1500	72.6	74.4	76.8	77.4	81.7	82.3	82.3	82.9	82.9	82.9	82.9	82.9	83.5	83.5	84.1	84.1
GE 1200	72.6	74.4	76.8	77.4	81.7	82.3	82.3	82.9	82.9	82.9	82.9	82.9	83.5	83.5	84.1	84.1
GE 1000	72.6	74.4	76.8	77.4	81.7	82.3	82.3	82.9	82.9	82.9	82.9	82.9	83.5	83.5	84.1	84.1
GE 900	72.6	74.4	76.8	77.4	82.3	82.9	82.9	83.5	83.5	83.5	83.5	83.5	84.1	84.1	84.8	84.8
GE 800	72.6	74.4	76.8	77.4	82.9	84.1	84.1	84.8	84.8	84.8	84.8	84.8	85.4	85.4	86.0	86.0
GE 700	72.6	74.4	77.4	78.7	84.1	85.4	85.4	86.0	86.0	86.0	86.0	86.0	86.6	86.6	87.2	87.2
GE 600	72.6	74.4	77.4	79.3	84.8	86.0	86.0	87.2	87.2	87.8	87.8	87.8	88.4	88.4	89.0	89.0
GE 500	72.6	75.0	78.0	79.9	86.6	88.4	88.4	89.6	89.6	90.2	90.2	90.2	90.9	90.9	91.5	92.1
GE 400	72.6	75.0	78.0	80.5	87.8	89.6	90.2	91.5	91.5	92.1	92.1	92.1	92.7	92.7	93.3	93.9
GE 300	72.6	75.0	78.7	81.1	88.4	90.2	90.9	92.1	93.3	93.9	93.9	93.9	94.5	94.5	95.1	96.3
GE 200	72.6	75.0	78.7	81.1	88.4	90.2	90.9	92.7	93.9	96.3	96.3	96.3	97.0	97.0	97.6	98.8
GE 100	72.6	75.0	78.7	81.1	88.4	90.2	90.9	92.7	93.9	96.3	96.3	96.3	97.6	97.6	98.2	100.0
GE 000	72.6	75.0	78.7	81.1	88.4	90.2	90.9	92.7	93.9	96.3	96.3	96.3	97.6	97.6	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 164

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	48.8	50.6	51.6	52.7	54.4	54.6	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 20000	51.8	53.6	54.9	56.2	57.8	58.1	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 18000	51.8	53.6	54.9	56.2	57.8	58.1	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 16000	51.8	53.6	54.9	56.2	57.8	58.1	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 14000	51.8	53.6	54.9	56.2	57.8	58.1	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 12000	52.7	54.5	55.8	57.1	58.7	59.0	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 10000	55.7	57.8	59.5	61.1	62.8	63.2	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 9000	56.3	58.4	60.1	61.8	63.4	63.8	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 8000	59.2	61.4	63.3	64.9	67.0	67.3	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 7000	60.5	62.6	64.5	66.3	68.4	68.7	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 6000	60.7	62.9	64.9	66.7	68.7	69.1	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 5000	61.4	63.5	65.6	67.3	69.6	70.0	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 4500	63.4	65.6	67.6	69.4	71.7	72.0	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 4000	63.9	66.1	68.4	70.1	72.4	72.8	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 3500	64.9	67.1	69.5	71.4	74.0	74.3	74.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 3000	66.5	68.6	71.2	73.1	75.9	76.2	76.5	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.1
GE 2500	67.7	70.0	72.7	74.7	77.8	78.3	78.5	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.2	79.2
GE 2000	68.5	70.8	74.0	76.4	79.5	80.2	80.4	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.4	81.4
GE 1800	68.5	70.8	74.0	76.4	79.8	80.4	80.7	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.8	81.8
GE 1500	69.3	71.8	75.2	77.6	81.3	82.1	82.6	83.6	83.7	83.9	83.9	83.9	83.9	83.9	84.0	84.0
GE 1200	69.4	71.9	75.3	77.8	82.0	82.7	83.2	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.6	84.6
GE 1000	69.9	72.4	75.9	78.3	83.0	83.7	84.2	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.6
GE 900	70.1	72.7	76.1	78.7	83.4	84.1	84.6	85.6	85.8	86.0	86.0	86.0	86.0	86.0	86.1	86.1
GE 800	70.4	73.2	76.6	79.2	84.0	84.8	85.3	86.3	86.4	86.7	86.7	86.7	86.7	86.8	86.8	86.9
GE 700	71.0	74.0	77.9	80.4	85.5	86.4	87.3	88.4	88.6	88.8	88.8	88.8	88.9	88.9	89.1	89.1
GE 600	71.4	74.5	78.9	81.6	86.9	87.9	89.2	90.7	91.0	91.4	91.4	91.4	91.5	91.5	91.6	91.6
GE 500	71.7	75.0	79.5	82.2	87.8	89.3	90.7	92.5	92.8	93.1	93.1	93.1	93.3	93.3	93.4	93.4
GE 400	71.7	75.0	79.5	82.2	88.1	89.6	91.5	93.5	93.9	94.3	94.3	94.3	94.5	94.5	94.7	94.8
GE 300	71.7	75.0	79.5	82.2	88.1	89.7	91.7	94.3	94.7	95.4	95.4	95.4	95.7	95.7	95.8	96.1
GE 200	71.7	75.0	79.5	82.2	88.1	89.7	92.1	94.8	95.3	96.4	97.0	97.0	97.5	97.5	98.2	99.1
GE 100	71.7	75.0	79.5	82.2	88.1	89.7	92.1	94.8	95.4	96.6	97.1	97.1	97.7	97.7	98.9	100.0
GE 000	71.7	75.0	79.5	82.2	88.1	89.7	92.1	94.8	95.4	96.6	97.1	97.1	97.7	97.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 787

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	50.3	50.8	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
GE 20000	55.9	57.1	58.0	58.1	58.1	58.1	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 18000	56.2	57.3	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 16000	56.2	57.3	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 14000	56.2	57.3	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 12000	58.4	59.6	60.5	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 10000	61.8	63.7	64.6	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 9000	62.6	64.5	65.4	65.5	65.5	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 8000	66.4	68.3	69.9	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 7000	67.5	70.1	71.6	71.7	71.7	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 6000	67.8	70.3	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	72.2
GE 5000	68.1	70.7	72.5	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 4500	69.3	72.0	73.7	74.0	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 4000	69.9	72.6	74.3	74.6	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 3500	70.7	73.4	75.1	75.4	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 3000	72.1	74.9	76.8	77.0	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 2500	74.0	77.0	79.0	79.2	79.5	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 2000	75.3	78.3	80.4	80.7	80.9	81.1	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 1800	75.5	78.5	80.9	81.1	81.5	81.7	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1500	76.4	80.0	82.6	82.9	83.4	83.6	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1200	76.6	80.2	83.1	84.1	84.6	84.9	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 1000	77.8	81.5	84.6	85.7	86.4	86.8	87.3	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 900	78.1	81.8	85.2	86.3	87.0	87.5	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 800	79.4	83.5	87.0	88.4	89.6	90.2	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 700	79.8	84.2	87.8	89.3	90.7	91.4	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 600	80.1	84.5	88.3	89.9	91.7	92.7	93.8	94.0	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5
GE 500	80.9	85.5	89.2	90.9	92.7	94.0	95.4	95.9	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4
GE 400	81.0	85.6	89.3	91.1	93.1	94.7	96.4	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 300	81.0	85.7	89.6	91.3	93.6	95.7	97.5	98.2	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 200	81.0	85.7	89.7	91.4	93.7	95.9	98.0	98.8	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 100	81.0	85.7	89.7	91.4	93.7	95.9	98.0	98.8	99.1	99.5	99.6	99.6	99.9	99.9	100.0	100.0
GE 000	81.0	85.7	89.7	91.4	93.7	95.9	98.0	98.8	99.1	99.5	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 853

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	52.2	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	52.5	52.5
GE 20000	58.9	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 18000	58.9	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 16000	58.9	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 14000	59.0	59.3	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	59.4
GE 12000	60.1	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	60.5
GE 10000	63.8	64.4	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 9000	64.1	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 8000	66.9	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 7000	67.2	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	68.3	68.3
GE 6000	68.0	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 5000	69.1	70.2	70.6	70.7	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 4500	70.0	71.1	71.5	71.7	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4000	70.6	71.8	72.4	72.6	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 3500	73.0	74.2	74.8	75.0	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 3000	76.1	77.6	78.2	78.5	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 2500	78.1	79.6	80.2	80.5	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2000	79.8	81.6	82.2	82.6	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 1800	80.5	82.2	82.9	83.2	83.3	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1500	82.5	84.4	85.5	86.0	86.1	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1200	83.7	85.6	86.7	87.4	87.5	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1000	85.7	87.9	89.1	89.9	90.4	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 900	86.2	88.6	89.8	90.6	91.3	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 800	86.7	89.4	90.8	91.7	93.0	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 700	87.1	89.7	91.2	92.1	93.5	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 600	87.3	89.9	92.0	93.0	94.4	95.1	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 500	87.5	90.1	92.3	93.6	95.3	96.2	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 400	87.5	90.2	92.7	94.0	95.9	96.8	97.7	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6
GE 300	87.5	90.2	92.7	94.0	95.9	96.8	97.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
GE 200	87.5	90.2	92.7	94.0	96.2	97.1	98.1	99.1	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5
GE 100	87.5	90.2	92.7	94.0	96.2	97.1	98.4	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	87.5	90.2	92.7	94.0	96.2	97.1	98.4	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 912

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/PORNEY AAF MO  
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	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 20000	58.4	58.5	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	58.7	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 16000	58.6	58.7	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 14000	58.8	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 12000	60.5	60.6	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 10000	65.6	65.7	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 9000	66.0	66.1	66.7	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 8000	69.0	69.2	69.8	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 7000	70.3	70.5	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 6000	70.8	70.9	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 5000	72.4	72.7	73.4	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 4500	74.1	75.0	75.7	75.8	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 4000	75.0	75.8	76.6	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 3500	77.5	78.3	79.1	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
GE 3000	80.1	80.9	82.0	82.3	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 2500	80.5	81.4	82.4	83.2	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 2000	82.2	83.0	84.5	85.3	85.8	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1800	83.0	83.9	85.3	86.1	86.6	86.6	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1500	83.7	84.6	86.1	87.3	87.8	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1200	84.8	85.8	87.3	88.6	89.2	89.3	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1000	85.4	86.8	88.5	89.8	90.6	90.7	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 900	85.6	87.2	88.8	90.2	91.1	91.5	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 800	85.6	87.5	89.2	90.5	91.6	91.9	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 700	85.6	87.8	89.6	91.0	92.8	93.4	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 600	85.6	87.9	89.9	91.5	94.1	94.7	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 500	85.6	88.0	90.2	92.1	95.1	95.7	96.1	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 400	85.6	88.0	90.2	92.3	95.4	96.2	96.8	97.6	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9
GE 300	85.8	88.3	90.4	92.5	95.8	96.9	97.5	98.3	98.5	98.7	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	85.8	88.3	90.5	92.6	96.1	97.3	97.9	98.9	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	85.8	88.3	90.5	92.6	96.1	97.3	97.9	98.9	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	85.8	88.3	90.5	92.6	96.1	97.3	97.9	98.9	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 843

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	53.7	54.0	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	59.5	59.8	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 18000	59.7	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 16000	59.7	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 14000	60.2	60.4	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	60.8
GE 12000	61.5	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	62.2
GE 10000	64.4	64.7	65.3	65.3	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 9000	65.2	65.4	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 8000	68.2	68.5	69.1	69.1	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 7000	69.4	69.6	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
GE 6000	70.7	71.0	71.7	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
GE 5000	72.3	72.7	73.5	73.5	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 4500	75.0	75.4	76.3	76.3	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 4000	76.3	76.7	77.7	77.7	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 3500	79.2	79.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3000	81.9	82.3	83.2	83.2	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	82.1	82.7	84.1	84.5	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2000	83.0	83.6	85.5	86.1	87.1	87.1	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1800	83.3	83.8	85.8	86.3	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1500	84.6	85.3	87.4	88.3	89.6	89.6	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1200	85.0	85.8	87.9	89.0	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1000	85.4	86.2	88.6	89.6	91.3	91.5	91.6	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 900	85.8	86.9	89.2	90.3	92.0	92.1	92.2	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 800	85.9	87.1	89.5	90.5	92.8	92.9	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 700	85.9	87.1	89.5	90.7	92.9	93.0	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 600	86.1	87.3	90.1	91.6	94.2	94.5	94.6	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 500	86.1	87.3	90.3	91.7	94.6	94.9	95.4	95.4	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 400	86.1	87.6	90.7	92.8	95.9	96.2	97.2	97.5	97.5	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 300	86.1	87.6	90.9	93.0	96.2	96.6	97.9	98.2	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	86.3	87.9	91.2	93.3	96.5	96.8	98.6	98.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	86.3	87.9	91.2	93.3	96.5	96.8	98.6	98.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	86.3	87.9	91.2	93.3	96.5	96.8	98.6	98.8	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 761

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457      STATION NAME: FT LEONARD WOOD/FORNEY AAF MD      PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6      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	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 20000	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 18000	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 16000	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 14000	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 12000	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 10000	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	62.4
GE 9000	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 8000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 7000	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	67.1
GE 6000	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	68.2
GE 5000	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	68.2
GE 4500	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	69.4	69.4
GE 4000	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 3500	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 3000	77.6	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 2500	77.6	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 2000	78.8	83.5	84.7	84.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1800	78.8	83.5	84.7	84.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1500	80.0	84.7	85.9	85.9	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 1200	81.2	87.1	88.2	88.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1000	82.4	88.2	89.4	89.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 900	82.4	88.2	89.4	89.4	90.6	90.6	90.6	90.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 800	82.4	88.2	89.4	89.4	90.6	90.6	90.6	90.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 700	82.4	88.2	89.4	89.4	90.6	90.6	90.6	90.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 600	82.4	88.2	89.4	89.4	91.8	91.8	91.8	91.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 500	82.4	88.2	89.4	89.4	91.8	91.8	92.9	92.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 400	82.4	88.2	89.4	89.4	92.9	92.9	95.3	96.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	82.4	88.2	90.6	90.6	94.1	94.1	97.6	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	82.4	88.2	90.6	90.6	94.1	94.1	97.6	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	82.4	88.2	90.6	90.6	94.1	94.1	97.6	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	82.4	88.2	90.6	90.6	94.1	94.1	97.6	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS      85

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	51.4	52.0	52.3	52.6	53.0	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 20000	56.9	57.6	58.2	58.5	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2
GE 18000	57.0	57.7	58.3	58.6	59.0	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 16000	57.0	57.7	58.3	58.6	59.0	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 14000	57.2	57.9	58.5	58.8	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 12000	58.6	59.3	59.9	60.2	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 10000	62.2	63.2	64.0	64.3	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1
GE 9000	62.8	63.7	64.5	64.9	65.4	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 8000	65.8	66.8	67.8	68.2	68.7	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 7000	66.8	68.0	69.0	69.4	69.9	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 6000	67.4	68.6	69.7	70.1	70.6	70.7	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 5000	68.5	69.8	70.9	71.3	71.9	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3
GE 4500	70.1	71.6	72.7	73.2	73.8	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 4000	71.0	72.4	73.6	74.1	74.8	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2
GE 3500	72.9	74.3	75.6	76.1	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2
GE 3000	75.1	76.7	78.0	78.6	79.4	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9
GE 2500	76.3	78.0	79.5	80.2	81.2	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7
GE 2000	77.6	79.4	81.2	82.0	83.1	83.4	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9
GE 1800	78.0	79.8	81.6	82.5	83.6	83.9	84.0	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4
GE 1500	79.1	81.1	83.2	84.2	85.5	85.8	86.0	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5
GE 1200	79.7	81.8	84.0	85.2	86.6	86.9	87.2	87.5	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7
GE 1000	80.7	82.9	85.2	86.5	88.2	88.5	88.8	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.4	89.4
GE 900	81.0	83.3	85.7	87.0	88.8	89.2	89.6	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 800	81.4	84.0	86.4	87.8	90.0	90.5	90.8	91.1	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4
GE 700	81.7	84.4	87.0	88.5	90.9	91.5	92.0	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 600	81.9	84.7	87.6	89.2	92.0	92.8	93.4	93.9	94.0	94.2	94.2	94.2	94.3	94.3	94.3	94.3
GE 500	82.1	85.0	88.1	89.8	92.9	93.8	94.7	95.4	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9
GE 400	82.2	85.1	88.2	90.2	93.5	94.6	95.8	96.7	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.3
GE 300	82.2	85.2	88.4	90.4	93.8	95.0	96.4	97.4	97.6	98.0	98.2	98.2	98.3	98.3	98.3	98.4
GE 200	82.2	85.2	88.5	90.5	93.9	95.2	96.8	98.0	98.2	98.8	99.1	99.1	99.3	99.3	99.4	99.6
GE 100	82.2	85.2	88.5	90.5	93.9	95.2	96.8	98.0	98.3	98.9	99.3	99.3	99.5	99.5	99.7	100.0
GE 000	82.2	85.2	88.5	90.5	93.9	95.2	96.8	98.0	98.3	98.9	99.3	99.3	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 4405

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000																
GE 4500																
GE 4000																
GE 3500																
GE 3000																
GE 2500																
GE 2000																
GE 1800																
GE 1500																
GE 1200																
GE 1000																
GE 900																
GE 800																
GE 700																
GE 600																
GE 500																
GE 400																
GE 300																
GE 200										100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100										100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000										100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	46.2	47.2	48.5	48.8	49.3	49.7	50.1	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.9
GE 20000	49.9	51.2	53.1	53.5	54.0	54.4	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.6
GE 18000	49.9	51.2	53.1	53.5	54.0	54.4	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.6
GE 16000	49.9	51.2	53.1	53.5	54.0	54.4	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.6
GE 14000	49.9	51.2	53.1	53.5	54.0	54.4	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.6
GE 12000	50.7	52.1	54.0	54.4	54.9	55.3	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.5
GE 10000	54.3	55.9	58.0	58.4	58.8	59.3	59.7	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	60.5
GE 9000	54.4	56.0	58.1	58.6	59.0	59.4	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.6
GE 8000	56.0	57.0	60.0	60.5	60.9	61.4	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.5
GE 7000	57.1	59.0	61.2	61.7	62.1	62.5	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.7
GE 6000	58.3	60.3	62.5	63.0	63.4	63.9	64.3	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	65.0
GE 5000	59.3	61.4	63.6	64.0	64.5	64.9	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	66.1
GE 4500	60.8	62.8	65.0	65.5	65.9	66.4	66.8	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.6
GE 4000	62.1	64.2	66.4	67.0	67.4	67.8	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	69.0
GE 3500	62.7	64.7	67.0	67.8	68.3	68.7	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.9
GE 3000	63.4	65.5	67.8	69.3	69.9	70.4	70.9	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.7
GE 2500	65.5	67.6	70.1	71.5	72.1	72.6	73.3	73.3	73.3	73.6	73.6	73.6	73.6	73.6	73.6	74.2
GE 2000	68.3	70.5	73.0	74.5	75.1	75.5	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	77.1
GE 1800	68.9	71.1	73.6	75.1	75.7	76.1	77.0	77.0	77.0	77.6	77.6	77.6	77.6	77.6	77.6	78.2
GE 1500	71.1	73.5	76.4	77.9	78.5	78.9	79.8	79.9	79.9	80.5	80.5	80.5	80.5	80.5	80.5	81.1
GE 1200	71.7	74.2	77.3	78.9	79.6	80.1	81.0	81.1	81.1	81.7	81.7	81.7	81.7	81.7	81.7	82.3
GE 1000	73.2	75.8	78.9	80.7	82.0	82.4	83.3	83.5	83.5	84.1	84.2	84.4	84.4	84.4	84.4	85.0
GE 900	73.3	76.3	79.4	81.1	82.4	83.0	83.9	84.2	84.2	84.8	85.0	85.1	85.1	85.1	85.1	85.7
GE 800	73.5	76.4	79.5	81.3	82.6	83.2	84.1	84.4	84.4	85.0	85.1	85.3	85.3	85.3	85.3	85.8
GE 700	73.9	76.8	80.1	81.9	83.5	84.1	85.0	85.3	85.3	85.8	86.0	86.1	86.1	86.1	86.1	86.7
GE 600	74.9	78.3	81.7	83.8	85.4	86.3	87.3	87.8	87.8	88.5	88.6	88.8	88.8	88.8	88.8	89.4
GE 500	75.1	78.6	82.3	84.4	86.0	87.0	88.3	88.8	88.8	89.5	89.8	90.0	90.0	90.0	90.0	90.6
GE 400	75.7	79.4	83.0	85.4	87.6	89.5	91.3	92.3	92.3	93.1	93.4	93.5	93.5	93.5	93.5	94.1
GE 300	75.8	79.5	83.2	85.5	87.8	89.7	92.2	93.7	93.7	94.7	95.1	95.3	95.3	95.4	95.4	96.3
GE 200	75.8	79.5	83.3	85.7	87.9	89.8	92.8	94.2	94.2	95.9	96.8	97.1	97.3	97.6	97.6	98.7
GE 100	75.8	79.5	83.3	85.7	87.9	89.8	92.9	94.4	94.4	96.0	97.2	97.5	97.9	98.2	98.2	99.9
GE 000	75.8	79.5	83.3	85.7	87.9	89.8	92.9	94.4	94.4	96.0	97.2	97.5	97.9	98.2	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 678

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	47.1	48.3	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.1
GE 20000	52.7	54.4	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.5
GE 18000	52.7	54.4	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.5
GE 16000	52.7	54.4	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.5
GE 14000	52.7	54.4	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.5
GE 12000	53.2	55.0	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1
GE 10000	56.0	57.7	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8
GE 9000	56.6	58.3	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.5
GE 8000	59.6	61.3	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4
GE 7000	61.1	62.8	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9
GE 6000	61.7	63.4	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6
GE 5000	62.4	64.2	64.9	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4
GE 4500	62.9	64.7	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9
GE 4000	63.8	65.5	66.3	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8
GE 3500	65.2	67.0	67.9	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4
GE 3000	65.9	67.8	68.9	69.2	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.7
GE 2500	68.2	70.0	71.3	71.5	71.6	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0
GE 2000	71.0	73.0	74.5	74.8	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.4
GE 1800	72.1	74.1	75.6	75.9	76.1	76.1	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5
GE 1500	74.1	76.1	77.7	78.0	78.5	78.6	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0
GE 1200	76.0	78.5	80.2	80.5	81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.5
GE 1000	77.2	79.9	81.8	82.2	83.1	83.3	83.5	83.7	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.1
GE 900	77.9	80.5	82.5	83.0	83.8	84.1	84.2	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	85.0
GE 800	78.1	80.8	83.1	83.6	84.5	84.7	85.1	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.8
GE 700	78.9	82.0	84.2	84.8	86.3	86.7	87.3	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	88.1
GE 600	79.6	83.2	85.7	86.4	87.9	88.4	89.2	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	90.0
GE 500	80.6	84.2	86.9	87.9	90.3	90.9	91.8	92.4	92.7	92.7	92.8	92.8	92.9	92.9	92.9	93.0
GE 400	80.8	84.6	87.6	89.1	91.7	92.5	93.7	94.9	95.1	95.5	95.9	95.9	96.0	96.0	96.0	96.1
GE 300	81.0	84.7	87.8	89.6	92.2	93.4	94.9	96.5	96.8	97.3	97.6	97.6	97.9	97.9	97.9	98.0
GE 200	81.0	84.7	87.8	89.6	92.2	93.8	95.3	97.1	97.4	98.0	99.3	99.3	99.6	99.6	99.6	99.8
GE 100	81.0	84.7	87.8	89.6	92.2	93.8	95.3	97.3	97.5	98.1	99.4	99.4	99.9	99.9	99.9	100.0
GE 000	81.0	84.7	87.8	89.6	92.2	93.8	95.3	97.3	97.5	98.1	99.4	99.4	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 804

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	51.0	51.5	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	55.9	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 18000	55.9	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 16000	56.0	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 14000	56.0	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 12000	57.6	58.1	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 10000	58.9	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 9000	60.0	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 8000	62.0	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	62.6	62.6
GE 7000	63.3	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 6000	64.3	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
GE 5000	65.8	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 4500	66.3	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 4000	67.0	67.6	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 3500	67.4	68.1	68.3	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 3000	69.8	70.6	70.8	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 2500	72.9	74.2	74.4	74.7	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 2000	76.1	77.7	78.1	78.4	78.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 1800	76.6	78.3	78.6	79.0	79.3	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 1500	78.9	80.6	81.1	81.8	82.2	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1200	81.5	83.4	83.9	84.6	85.0	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1000	82.8	84.9	85.3	86.2	86.7	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 900	83.2	85.6	86.1	87.2	87.7	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 800	83.4	85.9	86.5	87.8	88.3	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 700	83.9	86.8	87.4	89.0	89.5	89.8	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 600	84.8	87.8	88.4	90.0	91.1	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 500	85.5	88.8	89.4	91.1	92.7	93.2	93.8	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 400	85.8	89.1	89.8	91.9	94.0	94.9	95.6	96.8	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 300	85.8	89.3	89.9	92.1	94.3	95.4	96.6	98.1	98.2	98.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	85.8	89.3	89.9	92.1	94.3	95.5	97.0	98.8	98.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	85.8	89.4	90.0	92.2	94.4	95.6	97.1	98.9	99.0	99.4	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	85.8	89.4	90.0	92.2	94.4	95.6	97.1	98.9	99.0	99.4	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 894

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	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	54.2
GE 20000	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	59.1	59.1	59.1
GE 18000	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	59.1	59.1	59.1
GE 16000	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	59.1	59.1	59.1
GE 14000	59.0	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	61.4	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	61.7	61.7
GE 9000	62.2	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	64.0	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 7000	65.4	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 6000	66.1	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 5000	67.9	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 4500	69.8	70.2	70.2	70.2	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 4000	70.4	70.9	70.9	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 3500	71.2	71.7	71.7	71.7	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 3000	73.4	74.0	74.0	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 2500	76.9	78.0	78.1	78.4	78.7	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 2000	78.8	80.1	80.3	80.7	81.2	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 1800	79.3	80.6	80.7	81.2	81.7	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1500	81.6	82.9	83.0	83.6	84.1	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1200	82.6	83.9	84.2	85.0	85.5	85.7	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1
GE 1000	83.7	85.5	85.7	86.9	88.0	88.2	88.3	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
GE 900	84.3	86.4	86.7	87.9	88.9	89.2	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5
GE 800	84.5	86.7	87.0	88.5	89.5	89.8	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
GE 700	85.1	87.5	88.0	89.5	90.6	90.8	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3
GE 600	85.3	87.6	88.1	89.8	91.2	91.4	92.0	92.2	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4
GE 500	85.6	88.3	89.2	91.2	93.0	93.3	93.9	94.4	94.4	94.6	94.8	94.8	94.8	94.8	94.9	94.9
GE 400	85.6	88.3	89.3	91.4	93.3	93.9	94.5	95.1	95.1	95.6	96.3	96.3	96.3	96.3	96.4	96.4
GE 300	85.7	88.6	89.7	92.2	94.1	94.8	96.1	96.9	96.9	97.4	98.2	98.2	98.2	98.2	98.3	98.3
GE 200	85.7	88.6	89.7	92.2	94.4	95.2	96.7	97.5	97.5	98.5	99.4	99.4	99.4	99.4	99.5	99.5
GE 100	85.7	88.6	89.7	92.2	94.4	95.2	96.7	97.5	97.5	98.5	99.5	99.5	99.6	99.6	99.9	99.9
GE 000	85.7	88.6	89.7	92.2	94.4	95.2	96.7	97.5	97.5	98.5	99.5	99.5	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 841

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/PORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	52.4	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	58.1	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	58.5
GE 18000	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 16000	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 14000	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	58.9
GE 12000	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 10000	61.3	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	62.0	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 8000	63.2	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	63.9	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	64.5
GE 6000	64.4	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 5000	66.2	66.9	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 4500	68.4	69.2	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 4000	68.4	69.2	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 3500	69.3	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
GE 3000	72.1	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 2500	74.4	75.8	76.6	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 2000	76.1	77.4	78.2	78.4	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 1800	76.4	77.8	78.6	78.8	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 1500	79.1	80.5	81.5	82.1	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8
GE 1200	80.6	82.1	83.1	83.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0	85.0	85.0	85.0
GE 1000	82.8	84.8	85.8	86.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7
GE 900	83.3	85.3	86.3	87.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2
GE 800	83.5	85.5	86.5	87.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.5
GE 700	83.6	86.1	87.1	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.5	89.5	89.5	89.5
GE 600	83.7	86.5	87.5	88.3	90.2	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6
GE 500	84.2	87.0	88.1	89.0	91.5	91.5	91.7	91.7	91.9	91.9	91.9	91.9	92.1	92.1	92.1	92.1
GE 400	84.5	87.5	88.8	89.8	92.6	92.7	93.0	93.0	93.1	93.4	93.6	93.6	93.9	93.9	93.9	93.9
GE 300	85.2	88.2	90.1	91.2	94.1	94.4	95.6	95.6	95.7	96.4	97.6	97.6	97.9	97.9	97.9	97.9
GE 200	85.2	88.2	90.1	91.2	94.1	94.4	95.6	96.0	96.2	97.0	98.4	98.4	98.6	98.6	98.6	98.6
GE 100	85.2	88.2	90.1	91.2	94.1	94.4	95.6	96.0	96.2	97.1	98.5	98.6	99.4	99.5	99.6	99.6
GE 000	85.2	88.2	90.1	91.2	94.1	94.4	95.6	96.0	96.2	97.1	98.5	98.6	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 798

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 20000	59.1	59.5	59.5	59.5	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 18000	59.1	59.5	59.5	59.5	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 16000	59.1	59.5	59.5	59.5	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 14000	59.1	59.5	59.5	59.5	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 12000	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 10000	60.2	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 9000	60.2	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 8000	61.0	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 7000	61.4	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 6000	62.9	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 5000	64.1	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	65.6	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 4000	65.6	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 3500	66.4	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 3000	70.7	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 2500	72.2	73.4	73.7	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
GE 2000	73.0	74.1	74.5	74.5	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 1800	73.7	74.9	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 1500	77.6	78.8	79.2	79.5	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 1200	78.8	81.1	81.5	82.2	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 1000	79.5	82.2	83.0	83.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 900	79.9	83.0	84.2	84.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 800	80.3	83.8	85.3	86.1	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 700	81.1	84.6	86.5	87.3	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 600	81.1	84.9	86.9	87.6	90.0	90.0	90.0	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 500	81.1	84.9	86.9	87.6	90.0	90.3	90.3	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 400	81.1	85.3	87.3	88.4	90.7	91.1	91.5	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 300	81.5	85.7	89.2	90.3	92.7	93.1	93.4	93.8	94.2	95.8	95.8	95.8	96.1	96.1	96.1	96.1
GE 200	81.5	85.7	89.2	90.3	92.7	93.1	93.4	93.8	94.6	96.1	96.5	96.5	96.9	96.9	97.7	97.7
GE 100	81.5	85.7	89.2	90.3	92.7	93.1	93.4	93.8	94.6	96.1	96.9	96.9	98.5	98.5	99.6	99.6
GE 000	81.5	85.7	89.2	90.3	92.7	93.1	93.4	93.8	94.6	96.1	96.9	96.9	98.5	98.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 259

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	50.5	51.1	51.4	51.5	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.9
GE 20000	55.5	56.3	56.8	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2
GE 18000	55.6	56.3	56.8	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.3
GE 16000	55.6	56.3	56.8	56.9	57.0	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.3
GE 14000	55.6	56.4	56.9	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.4
GE 12000	56.6	57.4	57.8	57.9	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3
GE 10000	58.6	59.5	60.0	60.1	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.5
GE 9000	59.3	60.1	60.7	60.7	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1
GE 8000	61.1	62.1	62.6	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.1
GE 7000	62.3	63.3	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.3
GE 6000	63.1	64.1	64.7	64.7	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1
GE 5000	64.5	65.5	66.1	66.2	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6
GE 4500	65.8	66.9	67.4	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0
GE 4000	66.5	67.5	68.1	68.3	68.4	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.7
GE 3500	67.3	68.4	69.0	69.2	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
GE 3000	69.2	70.5	71.2	71.6	71.7	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1
GE 2500	71.9	73.3	74.2	74.6	74.9	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.5
GE 2000	74.2	75.9	76.8	77.3	77.7	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
GE 1800	74.9	76.5	77.5	77.9	78.4	78.5	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	79.0
GE 1500	77.2	78.9	80.0	80.7	81.2	81.5	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	82.0
GE 1200	78.8	80.7	81.9	82.7	83.3	83.5	83.7	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.1
GE 1000	80.2	82.4	83.7	84.6	85.6	85.8	86.0	86.1	86.2	86.2	86.3	86.3	86.4	86.4	86.4	86.5
GE 900	80.7	83.1	84.4	85.4	86.3	86.6	86.8	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.3
GE 800	80.9	83.4	84.7	85.9	86.8	87.1	87.4	87.5	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.9
GE 700	81.4	84.2	85.6	86.9	88.1	88.4	88.7	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.2
GE 600	81.9	85.0	86.5	87.8	89.4	89.7	90.2	90.4	90.5	90.6	90.7	90.7	90.8	90.8	90.8	90.9
GE 500	82.4	85.6	87.3	88.8	90.8	91.3	92.0	92.4	92.5	92.7	92.8	92.8	92.9	92.9	92.9	93.1
GE 400	82.7	86.0	87.9	89.6	91.9	92.7	93.6	94.4	94.5	94.9	95.2	95.2	95.3	95.3	95.3	95.4
GE 300	82.9	86.3	88.4	90.3	92.7	93.6	95.1	96.1	96.2	96.9	97.5	97.5	97.6	97.6	97.7	97.8
GE 200	82.9	86.3	88.4	90.3	92.7	93.8	95.5	96.7	96.8	97.7	98.6	98.7	98.9	98.9	99.0	99.2
GE 100	82.9	86.3	88.4	90.3	92.8	93.9	95.5	96.7	96.9	97.8	98.8	98.9	99.4	99.4	99.6	99.9
GE 000	82.9	86.3	88.4	90.3	92.8	93.9	95.5	96.7	96.9	97.8	98.8	98.9	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 4275

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	44.4	44.8	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.7	45.7	45.7	45.8
GE 20000	47.5	47.9	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	49.0	49.0	49.0	49.1
GE 18000	47.5	47.9	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	49.0	49.0	49.0	49.1
GE 16000	47.5	47.9	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	49.0	49.0	49.0	49.1
GE 14000	47.8	48.2	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.3	49.3	49.3	49.4
GE 12000	48.2	48.8	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.9	49.9	49.9	50.0
GE 10000	49.7	50.3	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.2	51.2	51.2	51.3	51.3	51.3	51.5
GE 9000	50.6	51.2	51.6	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.1	52.2	52.2	52.2	52.4
GE 8000	52.1	52.8	53.3	53.6	53.6	53.6	53.7	53.7	53.7	53.9	53.9	53.9	54.0	54.0	54.0	54.2
GE 7000	53.0	53.7	54.2	54.5	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.9	54.9	54.9	55.0
GE 6000	53.7	54.5	54.9	55.2	55.2	55.2	55.3	55.3	55.3	55.5	55.5	55.5	55.6	55.6	55.6	55.8
GE 5000	55.5	56.2	57.0	57.7	57.7	57.7	57.9	57.9	57.9	58.0	58.0	58.0	58.2	58.2	58.2	58.3
GE 4500	57.0	57.7	58.5	59.2	59.2	59.2	59.3	59.3	59.3	59.5	59.5	59.5	59.6	59.6	59.6	59.8
GE 4000	58.2	58.9	59.6	60.4	60.4	60.4	60.5	60.5	60.5	60.7	60.7	60.7	60.8	60.8	60.8	61.0
GE 3500	58.5	59.3	60.1	61.1	61.1	61.1	61.3	61.3	61.3	61.4	61.4	61.4	61.6	61.6	61.6	61.7
GE 3000	61.6	62.6	63.4	64.5	64.7	64.7	65.0	65.0	65.0	65.1	65.1	65.1	65.3	65.3	65.3	65.4
GE 2500	63.2	64.2	65.1	66.5	66.8	66.8	67.4	67.4	67.4	67.7	67.7	67.7	67.8	67.8	67.8	68.0
GE 2000	65.0	66.0	66.9	68.2	68.8	69.0	69.6	69.7	69.9	70.2	70.2	70.2	70.3	70.3	70.3	70.5
GE 1800	65.0	66.0	66.9	68.4	69.0	69.1	69.7	69.9	70.0	70.3	70.3	70.3	70.5	70.5	70.5	70.6
GE 1500	68.7	70.0	71.1	72.6	73.4	73.6	74.3	74.5	74.6	75.1	75.1	75.1	75.2	75.2	75.2	75.4
GE 1200	70.0	71.4	72.6	74.0	74.9	75.1	75.8	76.0	76.1	76.6	76.6	76.6	76.7	76.7	76.7	76.9
GE 1000	73.1	75.1	76.4	78.2	79.2	79.4	80.1	80.3	80.4	80.9	81.0	81.0	81.3	81.3	81.3	81.5
GE 900	73.9	75.8	77.2	78.9	80.0	80.1	80.9	81.0	81.2	81.6	81.8	81.8	82.0	82.0	82.0	82.2
GE 800	74.6	76.6	78.2	80.0	81.3	81.5	82.2	82.3	82.5	83.1	83.2	83.2	83.5	83.5	83.5	83.7
GE 700	74.9	77.0	78.6	80.7	82.3	82.5	83.2	83.4	83.5	84.1	84.3	84.3	84.6	84.6	84.6	84.7
GE 600	75.8	78.0	80.3	82.3	84.7	85.0	85.8	85.9	86.1	86.9	87.1	87.1	87.5	87.5	87.5	87.8
GE 500	76.1	78.5	80.9	83.5	86.2	86.5	87.5	88.3	88.4	89.5	89.8	89.8	90.4	90.4	90.4	90.7
GE 400	76.1	78.5	81.2	84.4	87.8	88.1	89.2	90.1	90.5	91.8	92.1	92.1	92.9	92.9	92.9	93.2
GE 300	76.4	78.8	81.9	85.2	89.5	90.1	91.4	92.3	92.7	94.5	95.1	95.1	95.8	95.8	95.8	96.6
GE 200	76.6	78.9	82.0	85.3	89.6	90.2	91.5	92.6	93.3	95.3	96.0	96.0	96.9	96.9	97.0	97.8
GE 100	76.6	78.9	82.0	85.3	89.6	90.2	91.5	92.6	93.3	95.7	96.6	96.7	98.2	98.4	98.5	99.6
GE 000	76.6	78.9	82.0	85.3	89.6	90.2	91.5	92.6	93.3	95.7	96.6	96.7	98.2	98.4	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 674

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/PORNEY AAF MO  
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	42.3	42.7	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 20000	47.9	48.3	46.7	49.1	49.1	49.1	49.1	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 18000	48.2	48.5	48.9	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 16000	48.2	48.5	48.9	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 14000	48.7	49.0	49.4	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 12000	49.6	50.0	50.4	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 10000	51.8	52.2	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 9000	52.6	52.9	53.3	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 8000	55.0	55.5	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 7000	55.2	55.7	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 6000	56.0	56.5	56.8	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 5000	57.4	57.9	58.3	58.8	58.8	58.8	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 4500	57.6	58.0	58.5	59.0	59.0	59.0	59.1	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 4000	58.9	59.4	59.9	60.4	60.4	60.4	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 3500	59.8	60.4	61.0	61.5	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 3000	60.9	61.5	62.1	62.6	62.6	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 2500	62.4	63.0	63.8	64.4	64.5	64.5	64.9	65.0	65.0	65.1	65.2	65.2	65.2	65.2	65.4	65.4
GE 2000	65.1	66.0	67.0	67.6	67.7	67.7	68.4	68.5	68.5	68.7	68.9	68.9	68.9	68.9	69.0	69.1
GE 1800	65.5	66.3	67.3	67.9	68.0	68.0	68.8	68.9	68.9	69.0	69.3	69.3	69.3	69.3	69.4	69.5
GE 1500	67.9	69.4	70.5	71.1	71.6	71.6	72.8	72.9	72.9	73.2	73.5	73.5	73.5	73.7	73.8	73.8
GE 1200	70.0	71.6	72.7	73.5	74.0	74.0	75.2	75.4	75.4	75.7	76.1	76.1	76.1	76.2	76.3	76.3
GE 1000	71.0	72.7	74.0	75.4	76.1	76.1	77.3	77.4	77.4	77.8	78.2	78.2	78.3	78.4	78.5	78.5
GE 900	72.2	74.1	75.5	77.0	77.8	77.8	79.0	79.1	79.1	79.5	79.9	79.9	80.0	80.1	80.2	80.2
GE 800	72.3	74.4	76.1	77.6	78.7	78.7	79.9	80.0	80.0	80.4	80.7	80.7	80.9	81.0	81.1	81.1
GE 700	73.3	75.6	77.3	78.9	80.0	80.0	81.3	81.5	81.5	81.8	82.2	82.2	82.4	82.6	82.7	82.7
GE 600	73.7	76.2	78.2	79.9	81.3	81.5	82.9	83.4	83.4	83.9	84.3	84.3	84.5	84.6	84.8	84.8
GE 500	74.0	77.1	79.6	82.4	85.1	85.6	87.6	88.2	88.2	88.9	89.4	89.5	89.8	89.9	90.0	90.0
GE 400	74.1	77.3	80.0	83.0	86.3	87.2	89.3	90.0	90.0	91.2	92.1	92.2	92.4	92.6	92.7	92.7
GE 300	74.1	77.3	80.1	83.2	87.0	87.8	90.5	91.7	91.7	93.4	94.4	94.5	94.9	95.0	95.5	95.6
GE 200	74.3	77.6	80.5	83.5	87.3	88.2	91.5	92.9	92.9	95.2	96.6	96.7	97.8	97.9	98.4	98.7
GE 100	74.3	77.6	80.5	83.5	87.3	88.2	91.6	93.0	93.0	95.4	96.7	96.8	98.0	98.3	98.9	99.9
GE 000	74.3	77.6	80.5	83.5	87.3	88.2	91.6	93.0	93.0	95.4	96.7	96.8	98.0	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 820

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457      STATION NAME: FT LEONARD WOOD/FORNEY AAF MO      PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6      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	43.7	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 20000	50.4	50.8	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 18000	50.8	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 16000	50.8	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 14000	51.0	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 12000	51.9	52.2	52.5	52.5	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 10000	54.6	55.0	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
GE 9000	55.3	55.8	56.2	56.4	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	57.8	58.3	58.7	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 7000	58.5	58.9	59.4	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 6000	58.6	59.0	59.5	59.7	59.8	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 5000	59.3	59.7	60.1	60.3	60.5	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 4500	60.2	60.7	61.1	61.3	61.4	61.5	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 4000	60.9	61.3	61.8	62.0	62.1	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 3500	61.9	62.3	62.7	63.0	63.1	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 3000	63.8	64.3	64.7	64.9	65.0	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 2500	64.8	65.5	66.0	66.3	66.6	66.8	66.8	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.1	67.1
GE 2000	68.1	68.8	69.5	69.8	70.2	70.4	70.4	70.6	70.6	70.8	70.8	70.8	70.9	70.9	71.0	71.0
GE 1800	69.0	69.7	70.5	70.8	71.1	71.5	71.5	71.7	71.7	71.9	71.9	71.9	72.0	72.0	72.1	72.1
GE 1500	72.1	72.9	73.9	74.6	75.2	75.5	75.5	75.9	75.9	76.5	76.7	76.8	76.9	76.9	77.0	77.0
GE 1200	73.9	75.1	76.0	76.9	77.5	78.0	78.0	78.4	78.4	79.0	79.2	79.3	79.4	79.4	79.5	79.5
GE 1000	74.6	76.0	77.0	77.9	78.6	79.2	79.2	79.6	79.6	80.4	80.7	80.8	80.9	80.9	81.0	81.0
GE 900	76.0	77.6	78.5	79.7	80.5	81.0	81.0	81.5	81.5	82.2	82.6	82.7	82.8	82.8	82.9	82.9
GE 800	76.3	77.8	78.9	80.2	81.0	81.6	81.6	82.0	82.0	82.8	83.1	83.2	83.3	83.3	83.4	83.4
GE 700	76.8	78.5	79.8	81.2	82.2	82.8	83.0	83.8	83.8	84.5	84.9	85.0	85.1	85.1	85.2	85.2
GE 600	77.0	78.8	80.4	81.9	83.9	84.6	85.0	85.9	85.9	86.8	87.3	87.4	87.5	87.5	87.6	87.6
GE 500	77.2	79.6	81.7	83.4	86.5	87.4	88.3	89.9	89.9	91.0	91.4	91.5	91.6	91.6	91.7	91.7
GE 400	77.5	80.2	82.2	84.0	87.5	88.3	89.5	91.2	91.3	92.5	92.9	93.0	93.2	93.2	93.5	93.5
GE 300	77.5	80.2	82.6	84.4	88.7	89.7	91.3	93.2	93.9	95.5	96.1	96.2	96.4	96.4	96.6	96.6
GE 200	77.5	80.2	82.6	84.4	89.4	90.6	92.7	95.0	95.9	97.7	98.4	98.5	99.0	99.0	99.3	99.5
GE 100	77.5	80.2	82.6	84.4	89.4	90.6	92.7	95.0	96.0	97.8	98.6	98.7	99.5	99.5	99.8	99.9
GE 000	77.5	80.2	82.6	84.4	89.4	90.6	92.7	95.0	96.0	97.8	98.6	98.7	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 918

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 20000	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 18000	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 16000	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 14000	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 12000	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 10000	58.1	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 9000	58.3	58.6	58.6	58.6	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 8000	60.4	60.7	60.7	60.7	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 7000	61.5	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 6000	62.2	62.5	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 5000	63.1	63.4	63.6	63.6	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 4500	65.5	65.9	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 4000	66.0	66.4	66.5	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
GE 3500	66.9	67.3	67.6	67.8	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	68.2	68.6	69.0	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 2500	70.0	70.4	70.9	71.0	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 2000	72.9	73.6	74.0	74.2	74.6	74.6	74.6	74.7	74.7	74.7	75.1	75.1	75.1	75.1	75.1	75.1
GE 1800	73.1	73.9	74.4	74.5	75.0	75.1	75.1	75.2	75.2	75.2	75.6	75.6	75.6	75.6	75.6	75.6
GE 1500	76.3	77.5	78.3	78.7	79.2	79.4	79.5	79.6	79.6	79.6	80.0	80.0	80.0	80.0	80.0	80.0
GE 1200	77.6	79.2	80.0	80.4	81.0	81.3	81.4	81.5	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8
GE 1000	78.6	80.3	81.6	82.5	83.1	83.4	83.5	83.6	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9
GE 900	79.0	80.8	82.1	83.2	84.1	84.3	84.5	84.6	84.6	84.7	85.1	85.1	85.1	85.1	85.1	85.1
GE 800	79.5	81.3	82.7	83.8	84.7	85.1	85.4	85.6	85.6	85.8	86.1	86.1	86.1	86.1	86.1	86.1
GE 700	80.2	82.3	83.8	85.1	86.0	86.4	86.8	87.1	87.1	87.3	87.7	87.7	87.7	87.7	87.7	87.7
GE 600	80.3	82.4	83.9	85.8	87.0	87.5	88.4	88.6	88.6	88.8	89.2	89.2	89.2	89.2	89.2	89.2
GE 500	80.4	83.5	85.3	87.3	88.9	89.6	90.8	91.2	91.3	91.6	92.0	92.0	92.0	92.0	92.0	92.0
GE 400	80.4	83.6	85.8	88.1	90.0	90.9	92.5	93.1	93.2	93.7	94.1	94.1	94.2	94.2	94.2	94.2
GE 300	80.4	83.6	85.8	88.1	90.6	91.5	93.6	94.3	94.6	95.3	95.7	95.7	95.8	95.8	95.8	95.8
GE 200	80.4	83.6	85.9	88.2	91.5	92.4	94.6	95.6	96.0	97.7	98.0	98.0	98.5	98.5	98.7	98.7
GE 100	80.4	83.6	85.9	88.2	91.5	92.4	94.8	95.8	96.3	97.9	98.3	98.3	99.0	99.1	99.3	99.5
GE 000	80.4	83.6	85.9	88.2	91.5	92.4	94.8	95.8	96.3	97.9	98.3	98.3	99.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 859

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/PORNEY AAF MO  
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 CEIL	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 20000	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	51.9
GE 18000	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	51.9
GE 16000	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	51.9
GE 14000	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	51.9
GE 12000	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 10000	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 9000	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 8000	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	58.9
GE 7000	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	60.5	60.5
GE 6000	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 5000	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 4500	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	66.1	66.1	66.1
GE 4000	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 3500	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	67.6
GE 3000	69.0	69.1	69.2	69.3	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 2500	70.3	70.7	70.8	70.9	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 2000	73.6	74.0	74.2	74.4	74.5	74.6	74.7	74.7	74.7	74.7	74.7	75.0	75.0	75.0	75.0	75.0
GE 1800	73.6	74.0	74.2	74.4	74.5	74.6	74.7	74.8	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1
GE 1500	76.1	76.7	77.7	77.9	78.3	78.4	78.5	78.7	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9
GE 1200	77.5	78.2	79.1	79.5	79.9	80.0	80.1	80.2	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5
GE 1000	79.1	79.9	81.1	81.5	82.3	82.5	82.6	82.7	82.8	82.9	83.3	83.3	83.3	83.3	83.3	83.3
GE 900	79.3	80.0	81.2	82.0	82.8	82.9	83.3	83.4	83.6	83.7	84.0	84.0	84.0	84.0	84.0	84.0
GE 800	79.6	80.4	82.0	82.9	83.8	83.9	84.3	84.4	84.5	84.7	85.0	85.0	85.0	85.0	85.0	85.0
GE 700	80.5	81.2	83.1	84.2	85.3	85.4	85.8	85.9	86.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5
GE 600	80.5	81.2	83.3	85.0	86.5	86.6	87.0	87.2	87.4	87.5	88.0	88.0	88.0	88.0	88.0	88.0
GE 500	80.5	81.7	83.9	86.1	87.7	88.1	88.5	88.8	89.0	89.1	89.7	89.7	89.7	89.7	89.7	89.8
GE 400	80.5	81.7	84.0	86.6	88.7	89.1	90.2	91.0	91.2	91.5	92.1	92.1	92.3	92.3	92.3	92.4
GE 300	80.7	82.6	85.2	88.0	90.6	90.9	92.5	93.6	93.7	94.7	95.6	95.6	95.7	95.7	95.7	95.8
GE 200	80.7	82.7	85.3	88.1	91.4	91.8	93.5	95.0	95.1	96.4	97.5	97.5	97.9	97.9	97.9	98.0
GE 100	80.7	82.7	85.3	88.1	91.4	91.8	93.5	95.5	95.6	96.9	98.0	98.0	98.9	98.9	98.9	99.1
GE 000	80.7	82.7	85.3	88.1	91.4	91.8	93.5	95.5	95.6	96.9	98.0	98.0	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 815

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	47.8	48.2	48.2	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 20000	52.9	53.2	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 18000	52.9	53.2	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 16000	52.9	53.2	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 14000	52.9	53.2	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 12000	54.0	54.3	54.3	54.7	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 10000	55.4	55.8	56.1	56.5	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 9000	55.4	55.8	56.1	56.5	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 8000	57.6	57.9	58.3	58.6	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 7000	59.0	59.4	59.7	60.1	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 6000	59.4	59.7	60.1	60.4	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 5000	62.2	62.6	62.9	63.3	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 4500	64.0	64.4	65.1	65.5	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 4000	65.5	65.8	66.5	66.9	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 3500	67.6	68.0	68.7	69.1	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 3000	68.3	68.7	69.4	69.8	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 2500	70.1	70.5	71.2	71.6	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 2000	73.4	73.7	74.8	75.2	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 1800	74.1	74.5	75.5	75.9	76.6	76.6	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1500	77.3	77.7	78.8	79.1	79.9	79.9	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 1200	79.1	79.5	80.6	81.3	82.0	82.0	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1000	79.9	80.6	81.7	82.7	83.8	83.8	84.2	84.5	84.5	84.5	84.9	84.9	84.9	84.9	84.9	84.9
GE 900	79.9	80.6	81.7	82.7	84.2	84.2	84.5	84.9	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3
GE 800	79.9	80.6	81.7	82.7	84.5	84.9	85.3	85.6	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0
GE 700	80.6	81.3	82.7	84.2	86.7	87.1	87.8	88.1	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2
GE 600	80.9	81.7	83.5	85.3	87.8	88.1	88.8	89.2	89.9	89.9	90.3	90.3	90.3	90.3	90.3	90.3
GE 500	80.9	81.7	84.5	86.7	89.2	89.6	90.3	91.0	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.4
GE 400	80.9	81.7	84.5	87.1	90.6	91.0	92.8	93.9	94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.3
GE 300	80.9	82.0	84.9	87.4	91.0	91.4	93.2	94.6	95.3	95.7	96.0	96.0	96.0	96.0	96.0	96.4
GE 200	80.9	82.4	85.3	87.8	92.1	92.4	94.2	96.0	96.8	97.5	98.2	98.2	98.2	98.2	98.2	98.6
GE 100	80.9	82.4	85.3	87.8	92.1	92.4	94.2	96.0	96.8	97.5	98.6	98.6	98.6	98.6	98.6	98.9
GE 000	80.9	82.4	85.3	87.8	92.1	92.4	94.2	96.0	96.8	97.5	98.6	98.6	98.6	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 278

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/PORNEY AAF MO  
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	44.8	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.4	45.4	45.4	45.4
GE 20000	50.4	50.7	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	51.2
GE 18000	50.5	50.8	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 16000	50.5	50.8	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 14000	50.8	51.1	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 12000	51.9	52.3	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 10000	54.4	54.8	55.0	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4
GE 9000	54.9	55.3	55.5	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9
GE 8000	57.1	57.5	57.7	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 7000	58.0	58.4	58.6	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1
GE 6000	58.5	59.0	59.2	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7
GE 5000	59.9	60.3	60.6	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 4500	61.6	62.0	62.4	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 4000	62.4	62.8	63.2	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8
GE 3500	63.4	63.8	64.3	64.6	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9
GE 3000	65.0	65.5	66.0	66.4	66.5	66.6	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 2500	66.5	67.1	67.6	68.1	68.4	68.4	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8
GE 2000	69.4	70.1	70.7	71.2	71.5	71.6	71.9	72.0	72.0	72.0	72.1	72.3	72.3	72.3	72.4	72.4	72.4
GE 1800	69.7	70.4	71.1	71.6	72.0	72.1	72.3	72.5	72.5	72.5	72.6	72.8	72.8	72.8	72.9	72.9	72.9
GE 1500	72.7	73.7	74.7	75.3	75.9	76.1	76.4	76.6	76.7	76.9	77.1	77.2	77.2	77.2	77.2	77.3	77.3
GE 1200	74.3	75.5	76.5	77.3	77.9	78.1	78.5	78.7	78.7	78.9	79.2	79.2	79.2	79.3	79.3	79.3	79.3
GE 1000	75.7	77.1	78.3	79.4	80.2	80.4	80.8	81.0	81.0	81.3	81.7	81.7	81.8	81.8	81.9	81.9	81.9
GE 900	76.4	77.9	79.1	80.4	81.3	81.5	82.0	82.2	82.2	82.6	82.9	82.9	83.0	83.0	83.1	83.1	83.1
GE 800	76.8	78.3	79.7	81.0	82.1	82.4	82.9	83.1	83.1	83.5	83.8	83.8	83.9	84.0	84.0	84.0	84.0
GE 700	77.5	79.2	80.8	82.2	83.4	83.7	84.3	84.6	84.7	85.1	85.4	85.4	85.5	85.6	85.6	85.6	85.6
GE 600	77.7	79.5	81.4	83.2	84.9	85.3	86.0	86.4	86.5	87.0	87.4	87.4	87.5	87.6	87.6	87.6	87.6
GE 500	77.9	80.2	82.5	84.7	87.1	87.6	88.7	89.4	89.6	90.2	90.6	90.7	90.8	90.8	90.9	91.0	91.0
GE 400	78.0	80.4	82.8	85.4	88.2	88.9	90.4	91.3	91.5	92.3	92.9	92.9	93.1	93.2	93.2	93.3	93.3
GE 300	78.1	80.7	83.3	85.9	89.3	90.1	92.0	93.2	93.5	94.8	95.4	95.5	95.8	95.8	95.9	96.1	96.1
GE 200	78.1	80.8	83.4	86.0	90.0	90.8	92.9	94.4	94.9	96.6	97.4	97.5	98.1	98.1	98.4	98.6	98.6
GE 100	78.1	80.8	83.4	86.0	90.0	90.8	93.0	94.6	95.1	96.9	97.8	97.8	98.7	98.8	99.1	99.6	99.6
GE 000	78.1	80.8	83.4	86.0	90.0	90.8	93.0	94.6	95.1	96.9	97.8	97.8	98.8	98.9	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4364

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/PORNEY AAF MO  
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	50.8	52.1	52.9	53.4	53.7	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.1
GE 20000	58.0	59.5	60.4	61.0	61.4	61.5	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8
GE 18000	58.1	59.5	60.5	61.0	61.5	61.6	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9
GE 16000	58.1	59.6	60.5	61.1	61.5	61.6	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9
GE 14000	58.3	59.8	60.8	61.3	61.7	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.2
GE 12000	59.7	61.3	62.2	62.8	63.3	63.4	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.7
GE 10000	62.7	64.4	65.5	66.1	66.6	66.7	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1
GE 9000	63.2	65.0	66.1	66.7	67.2	67.3	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.7
GE 8000	65.5	67.4	68.6	69.3	69.8	69.9	70.1	70.1	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.4
GE 7000	66.6	68.5	69.7	70.5	71.0	71.1	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.5
GE 6000	67.3	69.3	70.6	71.3	71.8	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.4
GE 5000	68.4	70.5	71.8	72.6	73.2	73.3	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.7
GE 4500	69.5	71.6	73.0	73.8	74.4	74.6	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.0
GE 4000	70.4	72.5	74.0	74.8	75.4	75.5	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
GE 3500	71.6	73.8	75.3	76.2	76.8	77.0	77.1	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.5
GE 3000	73.8	76.2	77.8	78.8	79.5	79.7	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.2	80.2
GE 2500	75.6	78.2	79.9	81.0	81.8	82.0	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6
GE 2000	77.3	79.9	81.8	82.9	83.9	84.1	84.3	84.5	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.8
GE 1800	77.7	80.4	82.4	83.5	84.4	84.7	84.9	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.4
GE 1500	79.2	82.1	84.2	85.4	86.5	86.8	87.1	87.3	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.6
GE 1200	80.2	83.3	85.5	86.8	88.0	88.3	88.6	88.8	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.2
GE 1000	81.1	84.4	86.7	88.2	89.6	89.9	90.3	90.5	90.6	90.7	90.8	90.8	90.8	90.8	90.9	91.0
GE 900	81.4	84.8	87.2	88.8	90.3	90.6	91.0	91.2	91.3	91.4	91.5	91.5	91.6	91.6	91.6	91.7
GE 800	81.7	85.2	87.8	89.4	91.0	91.3	91.8	92.0	92.1	92.3	92.4	92.4	92.4	92.4	92.5	92.6
GE 700	82.0	85.6	88.3	90.1	91.8	92.2	92.7	93.1	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.6
GE 600	82.3	85.9	88.8	90.6	92.6	93.1	93.7	94.1	94.1	94.4	94.5	94.5	94.6	94.6	94.6	94.7
GE 500	82.5	86.3	89.3	91.3	93.5	94.1	94.9	95.4	95.5	95.7	95.9	95.9	96.0	96.0	96.0	96.1
GE 400	82.6	86.4	89.5	91.7	94.1	94.7	95.6	96.3	96.4	96.8	97.0	97.0	97.1	97.1	97.2	97.3
GE 300	82.7	86.5	89.7	91.9	94.4	95.2	96.3	97.1	97.3	97.8	98.0	98.1	98.2	98.3	98.3	98.5
GE 200	82.7	86.6	89.7	91.9	94.6	95.3	96.5	97.5	97.7	98.3	98.7	98.7	99.0	99.0	99.2	99.4
GE 100	82.7	86.6	89.7	91.9	94.6	95.4	96.6	97.5	97.7	98.4	98.8	98.9	99.3	99.3	99.5	99.9
GE 000	82.7	86.6	89.7	91.9	94.6	95.4	96.6	97.5	97.7	98.4	98.8	98.9	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 51654

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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 OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05								0
06-08	19.3	24.7	13.9	39.3	2.9	56.0	2.9	700
09-11	12.8	25.5	20.5	39.2	2.1	61.7	4.6	825
12-14	12.9	29.9	17.1	39.0	1.1	57.2	2.8	920
15-17	12.6	32.3	19.7	34.6	.8	55.1	2.8	871
18-20	20.8	27.5	14.6	36.0	1.1	51.7	2.1	824
21-23	28.5	25.5	10.6	33.8	1.5	46.0	1.5	263
ALL HOURS	16.3	28.0	16.9	37.3	1.5	55.7	2.9	4403

MONTH: FEB HOURS: ALL

00-02								0
03-05								0
06-08	15.8	24.3	13.3	40.1	6.5	59.9	8.8	646
09-11	12.9	22.8	19.8	40.6	4.0	64.3	6.6	759
12-14	10.5	25.6	19.7	43.0	1.2	64.0	4.4	841
15-17	13.4	21.8	18.4	45.1	1.4	64.8	2.9	790
18-20	15.3	26.8	14.2	42.4	1.4	57.9	3.5	739
21-23	17.8	23.2	9.7	48.1	1.1	58.9	4.9	185
ALL HOURS	13.6	24.2	16.9	42.6	2.7	62.2	5.1	3960

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 MONTH: MAR HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05								0
06-08	13.6	23.4	18.1	41.9	2.9	63.0	2.4	718
09-11	10.5	23.7	25.0	40.0	1.0	65.9	1.7	841
12-14	8.9	25.3	22.6	43.2	.1	65.8	1.5	922
15-17	7.1	28.1	21.6	43.0	.2	64.8	1.4	861
18-20	9.5	29.1	17.8	42.7	1.0	61.4	1.3	832
21-23	25.2	24.8	11.7	37.9	.5	50.0	2.4	206
ALL HOURS	10.5	25.9	20.7	42.0	.9	63.6	1.7	4380

MONTH: APR HOURS: ALL

00-02								0
03-05	22.6	23.6	18.9	34.0	.9	53.8	2.8	106
06-08	16.8	27.6	18.5	35.7	1.4	55.6	4.0	728
09-11	16.0	25.8	20.4	37.8		58.2	1.7	842
12-14	9.8	29.1	27.9	33.1		61.0	.8	896
15-17	7.3	29.6	29.5	33.6		63.1	.1	818
18-20	9.9	33.8	22.8	33.6		56.4	.8	791
21-23	27.6	38.2	11.8	22.4		34.2		76
ALL HOURS	12.4	29.2	23.7	34.5	.3	58.4	1.4	4257

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 MONTH: MAY HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02								0
03-05	12.3	26.2	28.9	30.5	2.1	61.5	3.7	187
06-08	13.9	23.4	30.0	31.5	1.1	62.7	3.3	812
09-11	9.1	26.2	32.5	32.2		64.7	.8	870
12-14	4.7	28.2	38.6	28.5		67.1	.5	930
15-17	4.8	31.0	37.9	26.4		64.3	.4	840
18-20	8.4	30.3	33.6	27.7		61.3	.3	747
21-23	13.6	50.0	18.2	18.2		36.4		22
ALL HOURS	8.3	27.8	34.3	29.3	.3	63.9	1.2	4408

MONTH: JUN HOURS: ALL

00-02								0
03-05	15.1	37.4	25.1	19.0	3.4	47.5	4.5	179
06-08	14.0	29.8	31.2	23.5	1.5	56.2	5.2	783
09-11	8.7	31.7	35.7	23.9		59.5	1.6	838
12-14	3.9	38.6	36.8	20.8		57.6	.6	900
15-17	4.2	39.8	34.7	21.2		56.0	.5	806
18-20	9.8	37.1	29.8	23.3		53.1	1.3	717
21-23	19.0	38.1	9.5	33.3		42.9		21
ALL HOURS	8.3	35.5	33.3	22.4	.4	56.1	1.9	4244

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 MONTH: JUL HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02								0
03-05	16.8	41.3	23.4	17.9	.5	41.8	6.0	184
06-08	17.3	39.2	24.9	18.2	.4	43.5	4.7	802
09-11	13.3	44.3	26.3	16.2		42.4	1.2	860
12-14	4.7	46.6	33.1	15.6		48.7	1.0	918
15-17	4.6	52.6	32.1	10.7		42.8	1.0	834
18-20	11.1	47.4	31.0	10.6		41.5	.5	739
21-23	34.8	34.8	26.1	4.3		30.4		23
ALL HOURS	10.4	45.8	29.3	14.4	.1	43.8	1.8	4360

MONTH: AUG HOURS: ALL

00-02								0
03-05	18.1	39.9	22.3	19.1	.5	42.0	6.9	188
06-08	16.2	34.9	27.1	20.5	1.4	49.0	6.0	811
09-11	14.2	39.1	28.2	18.5		46.7	2.5	866
12-14	3.2	49.9	30.0	16.8	.1	46.9	1.7	924
15-17	4.3	49.1	32.0	14.6		46.6	1.2	831
18-20	8.8	45.0	29.3	16.9		46.2	1.8	738
21-23	23.8	23.8	38.1	14.3		52.4		21
ALL HOURS	9.7	43.5	29.1	17.5	.3	46.9	2.8	4379

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

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

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02								0
03-05	42.9	25.4	6.8	23.7	1.1	31.6	2.3	177
06-08	17.7	35.0	19.7	25.4	2.2	47.4	6.1	775
09-11	15.9	33.3	22.8	27.7	.2	50.7	1.8	834
12-14	9.3	35.1	29.8	25.5	.3	55.6	.4	894
15-17	9.3	36.8	31.2	22.7		53.9	.6	805
18-20	16.9	35.0	25.8	22.3		48.2	.3	712
21-23	9.1	36.4	13.6	40.9		54.5	4.5	22
ALL HOURS	14.8	34.6	25.1	24.9	.6	50.5	1.8	4219

MONTH: OCT HOURS: ALL

00-02								0
03-05	42.7	18.9	10.4	25.6	2.4	38.4	6.7	164
06-08	22.5	26.9	20.5	27.6	2.5	50.6	4.1	787
09-11	16.4	25.7	27.7	29.9	.4	57.9	1.8	853
12-14	12.6	28.4	25.9	33.0	.1	59.0	.7	912
15-17	12.8	27.9	26.9	32.4		59.3	.6	843
18-20	19.3	26.0	21.4	33.2		54.7	.9	761
21-23	29.4	17.6	20.0	32.9		52.9	1.2	85
ALL HOURS	17.8	26.5	24.0	31.1	.6	55.7	1.7	4405

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

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

AIRWAY CLASSES

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02								0
03-05				100.0		100.0	100.0	1
06-08	22.1	21.8	19.5	34.5	2.1	56.0	4.9	678
09-11	15.9	25.1	21.1	37.6	.2	59.0	3.1	804
12-14	13.6	29.9	20.1	36.1	.2	56.5	1.5	894
15-17	12.1	33.4	16.6	37.6	.2	54.5	2.4	841
18-20	18.4	29.2	13.4	38.2	.8	52.4	3.9	798
21-23	27.0	20.8	14.3	34.7	3.1	52.1	2.3	259
ALL HOURS	16.8	27.7	17.9	36.7	.8	55.5	3.0	4275

MONTH: DEC HOURS: ALL

00-02								0
03-05								0
06-08	18.4	24.3	15.3	38.7	3.3	57.3	3.3	674
09-11	10.5	26.8	19.1	41.0	2.6	62.7	5.5	820
12-14	10.8	26.1	18.7	43.4	1.0	63.1	3.8	918
15-17	10.2	27.4	20.3	40.7	1.4	62.4	3.7	859
18-20	18.7	23.1	17.5	38.3	2.5	58.3	4.0	815
21-23	25.2	18.0	15.5	39.2	2.2	56.8	5.4	278
ALL HOURS	14.2	25.1	18.1	40.5	2.1	60.7	4.2	4364

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/PORNEY AAF MO 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								0
03-05	24.0	31.0	19.6	23.7	1.6	44.9	4.9	1186
06-08	17.3	28.2	21.4	30.9	2.3	54.5	4.6	8914
09-11	13.0	29.3	25.0	31.8	.8	57.7	2.7	10012
12-14	8.7	32.8	26.7	31.4	.3	58.5	1.6	10869
15-17	8.6	34.1	26.7	30.3	.3	57.3	1.5	9999
18-20	14.0	32.3	22.4	30.8	.6	53.7	1.7	9213
21-23	25.2	23.9	13.6	35.9	1.4	50.9	2.8	1461
ALL HOURS	12.8	31.2	24.2	31.0	.9	56.1	2.4	51654



PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	EEEEEEEE
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRR	TT	EEEE
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	EEEE
PP	AAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEE

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

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

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS:  $F = 1.8C + 32$

$C = K - 273.0$  (BEFORE 5 APRIL 77)

$C = K - 273.2$  (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).  
CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

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

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OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6303-9012  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 105							1.2	.2					.1
GE 100						.1	4.1	3.1	.1				.6
GE 95				.1		2.9	14.9	11.8	1.6				2.7
GE 90				1.1	.9	16.4	44.1	33.3	11.3	1.3			9.2
GE 85				5.2	12.7	43.6	71.4	60.7	27.3	5.8			19.2
GE 80		.1	3.5	16.9	35.0	71.5	89.0	84.1	48.7	15.7	1.0		30.9
GE 75	.2	1.0	9.9	30.5	53.9	88.2	96.8	95.3	69.6	31.8	6.0		40.7
GE 70	1.3	3.4	18.5	45.1	74.1	96.2	99.0	98.5	83.9	49.2	15.2	1.3	49.3
GE 65	4.2	8.7	27.9	61.9	86.9	99.3	99.8	99.7	93.2	65.5	28.0	6.1	57.3
GE 60	9.2	15.5	41.7	78.3	95.7	99.9	100.0	100.0	98.0	81.1	40.6	12.6	64.9
GE 55	16.7	23.4	53.8	87.6	98.8	100.0			99.3	90.6	54.2	21.9	71.1
GE 50	28.2	36.1	66.2	92.6	99.8				100.0	96.6	65.9	32.2	76.9
GE 45	38.9	47.0	77.1	97.5	100.0					99.5	79.1	45.0	82.4
GE 40	50.4	60.8	86.2	99.5						100.0	88.4	59.7	87.4
GE 35	61.6	73.9	93.4	100.0							95.3	74.0	91.7
GE 33	67.2	77.8	95.4								97.1	78.6	93.2
GE 30	75.6	85.0	97.4								98.7	85.9	95.3
GE 25	84.8	92.7	99.4								99.3	91.9	97.4
GE 20	93.4	97.2	100.0								100.0	95.5	98.9
GE 15	96.7	99.0										97.7	99.4
GE 10	98.4	99.7										98.7	99.7
GE 5	99.5	100.0										99.3	99.9
GE 0	99.9											99.9	100.0
GE -5	100.0											100.0	100.0
MEAN	39.9	44.1	55.7	67.7	74.9	82.8	88.0	86.3	78.6	68.8	55.5	43.1	65.7
SD	14.36	13.84	13.74	11.19	8.41	6.76	6.90	6.99	8.87	10.23	12.56	13.54	19.89
TOTAL OBS	836	762	849	840	868	840	863	866	838	864	838	864	10128

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6303-9012  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 90								.1					.0
GE 85						.1	.1	.2					.0
GE 80						1.0	2.9	1.4	.4				.5
GE 75				.4	.1	4.0	16.1	8.9	1.7				2.6
GE 70				1.0	2.3	22.1	48.9	37.3	14.0	.6			10.7
GE 65			.6	4.5	14.2	54.3	80.9	67.6	33.8	5.3	.4		22.1
GE 60		.3	3.2	13.6	36.3	77.6	93.4	88.3	53.6	14.9	2.3	.5	32.4
GE 55	.5	1.2	7.3	27.0	58.0	92.3	98.7	96.8	72.1	30.9	9.3	1.3	41.8
GE 50	1.8	3.5	14.8	42.7	77.4	98.6	99.8	99.5	88.2	46.9	17.2	2.9	50.0
GE 45	4.1	7.1	25.2	60.7	91.1	100.0	100.0	100.0	95.1	62.8	28.5	7.4	57.4
GE 40	9.3	13.8	40.0	79.2	97.7				99.2	80.3	43.0	14.9	65.4
GE 35	19.6	25.1	53.7	91.3	99.4				99.9	92.5	61.8	27.5	73.1
GE 33	25.8	31.1	60.8	94.3	99.8				100.0	95.4	70.5	35.4	76.6
GE 30	34.2	44.0	71.8	97.5	100.0					98.0	81.1	47.7	81.6
GE 25	50.0	60.6	87.0	99.9						99.9	91.2	64.0	88.0
GE 20	63.4	73.5	94.8	100.0						100.0	96.2	78.7	92.4
GE 15	76.8	84.1	98.4								98.4	87.0	95.5
GE 10	85.4	90.9	99.4								99.3	92.1	97.3
GE 5	91.4	96.7	99.6								100.0	95.5	98.6
GE 0	96.3	98.7	99.9									97.7	99.4
GE -5	98.7	99.9	100.0									99.1	99.8
GE -10	99.6	100.0										99.8	100.0
GE -15	100.0											100.0	100.0
MEAN	23.5	26.9	36.8	47.8	55.7	64.5	69.0	66.9	59.8	48.6	38.5	27.8	47.4
SD	12.80	12.04	11.53	9.85	7.96	6.45	5.79	6.14	8.54	9.84	10.97	12.24	18.40
TOTAL OBS	836	762	849	840	867	840	863	866	838	864	838	864	10127

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/PORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6303-9012  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 95							.2	.1					.0
GE 90						.4	3.1	1.5					.4
GE 85						2.6	13.3	8.8	1.1				2.2
GE 80				.5	1.0	17.4	46.0	35.0	11.0	.2			9.4
GE 75			.1	4.3	11.2	48.9	78.9	65.4	29.0	3.8			20.4
GE 70		.1	2.5	13.2	33.3	77.5	94.1	88.2	52.7	14.4	1.7		31.9
GE 65	.1	.7	7.4	26.9	57.8	93.3	98.8	97.2	72.0	30.3	5.4	.3	41.4
GE 60	.8	2.8	15.7	44.0	77.0	99.2	100.0	99.8	87.8	49.2	15.0	1.7	50.0
GE 55	3.5	7.1	25.8	62.6	91.7	100.0		100.0	96.4	65.4	27.7	6.6	57.8
GE 50	8.3	12.9	40.4	79.9	98.2				99.0	82.9	42.1	12.0	65.2
GE 45	17.6	23.5	55.0	90.4	99.9				100.0	94.8	58.5	23.4	72.4
GE 40	30.0	37.7	70.7	97.7	100.0					99.3	72.8	38.4	79.3
GE 35	44.7	54.9	83.9	99.9						100.0	88.4	55.4	85.9
GE 33	48.2	61.3	87.5	100.0							91.9	63.4	88.0
GE 30	58.5	69.6	92.8								95.2	73.0	91.0
GE 25	70.3	81.1	97.4								98.4	83.7	94.4
GE 20	81.8	89.2	99.2								99.0	90.3	96.7
GE 15	89.7	95.8	99.9								100.0	94.7	98.4
GE 10	95.3	98.8	99.9									97.3	99.3
GE 5	97.8	99.9	100.0									98.5	99.7
GE 0	99.5	100.0										99.3	99.9
GE -5	99.9											99.8	100.0
GE -10	100.0											100.0	100.0
MEAN	31.9	35.7	46.5	58.0	65.5	73.9	78.7	76.8	69.4	59.0	47.2	35.7	56.8
SD	12.98	12.22	11.86	9.73	7.44	5.97	5.81	5.94	8.01	9.11	11.03	12.28	18.78
TOTAL OBS	836	762	849	840	867	840	863	866	838	864	838	864	10127

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6303-9012  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
63			84*	91	91	95	97	97	91	94	76	71	97*
64	69	59	72	85	89	90	98	102	94	87	79	66	102
65	77	69	68	90	87	90	95	93	88	83	77	70	95
66	56	64	83	81	89	93	100	90	87	84	75	72	100
67	74	70	83	86	91	88	92	92	83	85	67	66	92
68	64	60	82	80	88	91	92	96	85	86	67	56	96
69	62	58	78	84	87	94	101	101	88	91	71	63	101
70	72	65	69	88	86	92	102	97	93	80	71	73	102
71	67	69	80	88	83	98	100	94	98	87	78	74	100
72	65	83	81	89	88	95	97	97	93	86	67	65	97
73	63	64	73	75	83	92	97	101	92	86	77	70	101
74	70	71	83	84	88	94	102	96	86	83	76	63	102
75	66	64	83	86	91	92	98	103	95	89	79	68	103
76	67	76	77	86	84	91	97	95	91	87	72	67	97
77	42	65	79	84	84	94	94	98	96	84	70	63	98
78	58	55	80	83	87	94	98	96	94	87	81	72	98
79	46	63	78	81	90	92	94	92	86	90	74	67	94
80	65	68	70	87	88	97	109	105	98	92	80	67	109
81	70	75	79	86	82	92	93	90	89	91	72	64	93
82	55	79	81	80	88	88	93	99	90	86	78	71	99
83	67	70	80	79	82	91	100	101	95	85	73	53	101
84	57	68	73	84	86	90	95	105	99	79	75	68	105
85	43	60	83	83	85	87	94	95	94	79	72	54	95
86	72	76	82	86	86	96	107	95	91	82	73	52	107
87	61	66	77	95	90	96	101	104	92	84*	82	58	104*
88	65	70	81	90	90	100	97	102	89	88	75	69	102
89	76	62	82	90	90	92	97	95	91	90	83	65	97
90	68	74	81	86	90	92	98*	97	100	85	78	68	100*



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6303-9012  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
63			26*	34	33	56	58	55	44	36	24	-2	-2*
64	2	15	13	29	45	48	52	51	44	29	6	-1	-1
65	-8	0	10	34	41	53	57	49	37	29	13	17	-8
66	-7	9	15	29	32	45	59	51	44	28	18	5	-7
67	3	6	13	31	33	49	49	47	34	28	21	1	1
68	-10	6	16	28	40	50	51	53	49	27	19	0	-10
69	6	19	13	33	40	48	63	57	46	25	18	18	6
70	-6	1	17	30	37	54	53	55	39	32	5	10	-6
71	3	-2	14	30	34	59	52	55	46	42	21	22	-2
72	-3	8	20	26	45	45	49	56	39	29	26	7	-3
73	3	7	28	25	39	53	63	58	45	37	23	-2	-2
74	-6	10	6	30	46	49	60	53	44	36	27	18	-6
75	7	4	22	23	43	52	55	60	41	30	15	6	4
76	-4	9	23	35	31	52	54	55	45	27	6	-7	-7
77	-11	7	24	33	43	52	61	61	50	31	8	3	-11
78	-1	-3	-4	37	36	49	64	55	48	32	28	12	-4
79	-6	-8	20	28	38	51	60	53	44	34	17	2	-8
80	4	-1	2	32	37	55	63	61	49	28	23	4	-1
81	12	-4	27	37	41	52	58	54	42	23	19	2	-4
82	-3	-1	23	25	45	51	65	60	41	28	19	16	-3
83	17	12	20	29	42	46	58	64	35	36	26	-10	-10
84	-12	6	17	36	37	58	56	53	41	38	22	8	-12
85	-13	0	23	29	44	47	59	56	38	34	21	-1	-13
86	2	5	18	37	46	58	65	50	52	39	8	16	2
87	9	18	25	27	51	52	55	58	48	31*	21	18	9*
88	2	-2	19	36	45	52	57	49	43	33	23	10	-2
89	20	2	15	27	37	50	63	54	39	29	15	-15	-15
90	16	18	24	28	41	47	56*	54	41	32	28	2	2*

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6303-9012  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	-13	-8	-4	23	31	45	49	47	34	23	5	-15	-15
TOTAL OBS	836	762	849	840	867	840	863	866	838	864	838	864	10127

THE LEAST VALUE OF -15 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: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6303-9012  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
63			58*	60	66	76	79	78	71	70	49	28	64*
64	37	36	44	60	69	73	79	76	70	57	49	35	57
65	35	36	36	61	69	73	75	74	68	58	50	43	57
66	27	34	48	53	64	72	80	73	65	55	48	36	55
67	36	33	51	60	61	72	73	71	65	57	43	36	55
68	31	30	46	56	60	74	76	76	67	57	43	32	54
69	32	37	39	58	67	72	81	76	68	56	45	34	55
70	26	35	40	59	69	72	77	77	71	56	44	40	56
71	30	34	43	57	62	77	77	77	73	66	49	44	58
72	34	38	48	57	66	74	75	75	71	57	42	32	56
73	34	34	51	53	62	75	79	79	71	65	51	34	57
74	33	40	51	58	67	70	82	76	65	61	48	38	57
75	36	34	42	58	69	76	80	79	65	60	48	38	57
76	32	47	51	59	62	72	77	75	68	52	38	32	55
77	18	37	50	61	69	74	79	78	71	57	46	34	56
78	22	24	40	58	64	74	79	77	74	58	49	37	55
79	21	28	47	56	65	73	77	75	68	60	45	39	55
80	33	31	42	57	67	77	88	84	74	59	49	38	58
81	34	39	49	65	61	74	78	75	69	56	48	33	57
82	26	35	50	55	70	71	80	76	68	60	49	43	57
83	36	41	46	50	62	73	81	84	70	60	49	21	56
84	30	42	40	53	62	75	76	76	68	62	45	43	56
85	23	30	48	58	64	69	78	76	69	62	47	30	55
86	40	40	53	62	65	78	85	77	76	61	45	37	60
87	32	42	52	61	73	77	80	80	70	57*	49	39	59*
88	33	34	48	59	69	77	77	79	70	54	50	41	58
89	44	30	48	61	67	73	78	77	66	62	51	28	57
90	45	44	51	58	64	77	78*	76	73	58	53	36	59*

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: +06

PERIOD OF RECORD: 6303-9012  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	31.9	35.7	46.5	58.0	65.5	73.9	78.7	76.8	69.4	59.0	47.2	35.7	56.8
TOTAL OBS	836	762	849	840	867	840	863	866	838	864	838	864	10127

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: 724457      STATION NAME: FT LEONARD WOOD/FORNEY AAF MO      PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6      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	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	28.3	12.037	700	8	450	0	0	0	700
09-11	32.7	12.687	825	4	407	5	0	0	825
12-14	38.5	13.516	920	4	315	21	0	0	920
15-17	39.0	13.369	871	6	274	19	0	0	871
18-20	35.0	12.234	824	8	327	1	0	0	824
21-23	32.9	12.997	263	5	124	0	0	0	263
ALL HOURS	34.9	13.355	4403	35	1897	46	0	0	4403

MONTH: FEB

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	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	31.1	12.653	646	4	328	0	0	0	646
09-11	36.8	13.598	759	0	253	9	0	0	759
12-14	43.2	14.326	841	0	192	62	0	0	841
15-17	44.2	14.476	790	0	181	70	0	0	790
18-20	39.7	13.164	739	0	222	10	0	0	739
21-23	36.8	13.153	185	0	70	1	0	0	185
ALL HOURS	39.7	14.473	3960	4	1246	152	0	0	3960

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO 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	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	41.0	11.737	718	0	198	12	0	0	718
09-11	47.9	12.623	841	0	97	99	0	0	841
12-14	54.0	13.514	922	0	37	237	24	0	922
15-17	55.3	13.580	861	0	23	252	22	0	861
18-20	50.7	12.118	832	0	56	130	0	0	832
21-23	49.1	11.131	206	0	16	18	0	0	206
ALL HOURS	50.1	13.562	4380	0	427	748	46	0	4380

MONTH: APR

00-02	.0	.000	0	0	0	0	0	0	0
03-05	50.2	9.857	106	0	3	12	0	0	106
06-08	50.7	10.156	728	0	25	76	0	0	728
09-11	58.7	11.625	842	0	2	272	31	0	842
12-14	64.0	12.392	896	0	0	419	104	0	896
15-17	64.4	12.466	818	0	0	393	104	2	818
18-20	59.8	11.283	791	0	0	271	35	0	791
21-23	57.5	9.281	76	0	0	23	0	0	76
ALL HOURS	59.5	12.609	4257	0	30	1466	274	2	4257

E - 5 - 1 - 2

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO 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 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	56.7	8.434	187	0	0	40	0	0	187
06-08	60.6	7.832	812	0	0	271	1	0	812
09-11	68.8	8.058	870	0	0	603	86	0	870
12-14	73.1	8.428	930	0	0	781	246	0	930
15-17	73.2	8.530	840	0	0	703	222	0	840
18-20	69.0	7.672	747	0	0	551	58	0	747
21-23	64.0	5.736	22	0	0	13	0	0	22
ALL HOURS	68.5	9.562	4408	0	0	2962	613	0	4408

MONTH: JUN

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	.0	.000	0	0	0	0	0	0	0
03-05	64.8	6.464	179	0	0	110	1	0	179
06-08	68.8	6.387	783	0	0	594	18	0	783
09-11	76.9	6.821	838	0	0	797	331	5	838
12-14	80.8	7.118	900	0	0	886	550	35	900
15-17	80.6	7.203	806	0	0	790	465	32	806
18-20	76.4	6.550	717	0	0	686	247	5	717
21-23	73.8	4.771	21	0	0	19	3	0	21
ALL HOURS	76.3	8.416	4244	0	0	3882	1615	77	4244

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO 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	.0	.000	0	0	0	0	0	0	0
03-05	68.4	5.369	184	0	0	146	0	0	184
06-08	73.0	5.969	802	0	0	739	117	0	802
09-11	81.7	6.644	860	0	0	849	573	26	860
12-14	85.9	7.302	918	0	0	910	764	162	918
15-17	86.4	7.270	834	0	0	831	698	175	834
18-20	81.6	6.509	739	0	0	733	463	38	739
21-23	81.3	4.234	23	0	0	23	17	0	23
<b>ALL HOURS</b>	<b>81.3</b>	<b>8.563</b>	<b>4360</b>	<b>0</b>	<b>0</b>	<b>4231</b>	<b>2632</b>	<b>401</b>	<b>4360</b>

MONTH: AUG

00-02	.0	.000	0	0	0	0	0	0	0
03-05	68.1	6.170	188	0	0	139	1	0	188
06-08	70.9	6.503	811	0	0	687	70	0	811
09-11	80.2	7.255	866	0	0	852	463	34	866
12-14	85.0	7.873	924	0	0	921	713	154	924
15-17	85.1	7.802	831	0	0	826	633	140	831
18-20	79.4	7.066	738	0	0	724	369	29	738
21-23	73.9	5.476	21	0	0	19	3	0	21
<b>ALL HOURS</b>	<b>79.7</b>	<b>9.225</b>	<b>4379</b>	<b>0</b>	<b>0</b>	<b>4168</b>	<b>2252</b>	<b>357</b>	<b>4379</b>

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO 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 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	60.3	9.804	177	0	0	71	0	0	177
06-08	62.9	9.596	775	0	0	375	9	0	775
09-11	72.0	9.774	834	0	0	659	203	2	834
12-14	76.7	10.227	894	0	0	771	401	28	894
15-17	76.3	10.207	805	0	0	697	338	25	805
18-20	70.5	9.226	712	0	0	537	121	1	712
21-23	72.7	4.881	22	0	0	22	1	0	22
ALL HOURS	71.4	11.152	4219	0	0	3132	1073	56	4219

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	50.4	9.866	164	0	5	14	0	0	164
06-08	51.7	9.896	787	0	15	81	0	0	787
09-11	61.0	9.550	853	0	0	335	16	0	853
12-14	66.2	9.764	912	0	0	534	62	0	912
15-17	65.5	9.522	843	0	0	469	47	0	843
18-20	59.4	8.701	761	0	1	233	3	0	761
21-23	55.7	8.382	85	0	1	10	0	0	85
ALL HOURS	60.5	10.963	4405	0	22	1676	128	0	4405

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO 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	.0	.000	0	0	0	0	0	0	0
03-05	52.0	.000	1	0	0	0	0	0	1
06-08	42.1	11.759	678	0	146	16	0	0	678
09-11	48.7	12.080	804	0	57	107	0	0	804
12-14	54.2	12.291	894	0	20	185	8	0	894
15-17	53.4	12.057	841	0	23	158	2	0	841
18-20	48.4	11.061	798	0	55	62	0	0	798
21-23	45.3	10.731	259	0	27	7	0	0	259
ALL HOURS	49.5	12.499	4275	0	328	535	10	0	4275

MONTH: DEC

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	29.9	14.683	674	30	374	3	0	0	674
09-11	34.0	14.497	820	27	349	9	0	0	820
12-14	39.0	14.447	918	6	269	29	0	0	918
15-17	39.2	14.171	859	8	238	21	0	0	859
18-20	35.2	13.699	815	21	304	8	0	0	815
21-23	33.5	11.933	278	3	124	1	0	0	278
ALL HOURS	35.6	14.545	4364	95	1658	71	0	0	4364



OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 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	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	25.9	11.275	700	520	15	0	0	0	700
09-11	29.0	11.252	825	502	35	0	0	0	825
12-14	32.7	11.086	920	441	54	0	0	0	920
15-17	32.8	10.811	871	416	48	0	0	0	871
18-20	30.3	10.661	824	468	28	0	0	0	824
21-23	29.0	11.667	263	163	11	0	0	0	263
ALL HOURS	30.3	11.341	4403	2510	191	0	0	0	4403

MONTH: FEB

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	28.8	12.174	646	399	31	0	0	0	646
09-11	32.8	12.134	759	346	58	0	0	0	759
12-14	36.7	11.608	841	283	119	0	0	0	841
15-17	37.1	11.326	790	259	113	0	0	0	790
18-20	34.4	11.139	739	304	65	0	0	0	739
21-23	32.9	11.891	185	91	18	0	0	0	185
ALL HOURS	34.1	12.013	3960	1682	404	0	0	0	3960

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAP MO 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	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	37.8	11.180	718	268	120	0	0	0	718
09-11	41.9	10.908	841	188	214	7	0	0	841
12-14	45.1	10.579	922	117	327	11	0	0	922
15-17	45.5	10.422	861	94	319	7	0	0	861
18-20	43.0	10.028	832	141	231	0	0	0	832
21-23	42.6	10.024	206	36	55	0	0	0	206
ALL HOURS	42.8	10.894	4380	844	1266	25	0	0	4380

MONTH: APR

00-02	.0	.000	0	0	0	0	0	0	0
03-05	46.1	9.777	106	7	34	0	0	0	106
06-08	46.1	9.676	728	64	241	5	0	0	728
09-11	50.2	9.891	842	25	420	42	0	0	842
12-14	52.6	9.706	896	11	548	64	3	0	896
15-17	52.6	9.399	818	8	510	67	2	0	818
18-20	50.4	9.259	791	21	414	28	0	0	791
21-23	50.2	9.036	76	4	42	0	0	0	76
ALL HOURS	50.4	9.858	4257	140	2209	206	5	0	4257

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457      STATION NAME: FT LEONARD WOOD/FORNEY AAF MO      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	.0	.000	0	0	0	0	0	0	0
03-05	53.5	9.021	187	0	120	17	0	0	187
06-08	56.4	7.984	812	0	638	84	8	0	812
09-11	60.7	7.620	870	0	800	207	56	0	870
12-14	62.4	7.452	930	0	885	300	80	0	930
15-17	62.2	7.381	840	0	803	256	71	0	840
18-20	60.6	7.237	747	0	692	167	34	0	747
21-23	59.1	6.809	22	0	19	1	0	0	22
<b>ALL HOURS</b>	<b>60.2</b>	<b>8.014</b>	<b>4408</b>	<b>0</b>	<b>3957</b>	<b>1032</b>	<b>249</b>	<b>0</b>	<b>4408</b>

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	.0	.000	0	0	0	0	0	0	0
03-05	62.0	6.579	179	0	170	51	3	0	179
06-08	64.5	6.121	783	0	769	349	46	0	783
09-11	68.5	5.710	838	0	838	550	224	5	838
12-14	70.0	5.593	900	0	900	662	346	14	900
15-17	69.9	5.393	806	0	806	598	282	16	806
18-20	68.5	5.554	717	0	717	488	176	5	717
21-23	68.9	4.542	21	0	21	16	3	0	21
<b>ALL HOURS</b>	<b>68.1</b>	<b>6.149</b>	<b>4244</b>	<b>0</b>	<b>4221</b>	<b>2714</b>	<b>1080</b>	<b>40</b>	<b>4244</b>

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO 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 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	65.5	5.199	184	0	184	86	14	0	184
06-08	68.1	4.833	802	0	802	515	143	1	802
09-11	72.0	4.670	860	0	860	731	443	21	860
12-14	73.0	4.674	918	0	918	815	543	64	918
15-17	73.0	4.531	834	0	834	743	494	46	834
18-20	71.6	4.371	739	0	739	624	347	14	739
21-23	73.0	2.900	23	0	23	22	15	1	23
ALL HOURS	71.3	5.145	4360	0	4360	3536	1999	147	4360

MONTH: AUG

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	.0	.000	0	0	0	0	0	0	0
03-05	65.3	5.654	188	0	186	97	7	0	188
06-08	66.8	5.688	811	0	803	475	104	0	811
09-11	71.0	5.415	866	0	864	689	382	22	866
12-14	72.2	5.533	924	0	924	769	462	70	924
15-17	71.9	5.315	831	0	831	698	412	44	831
18-20	70.2	5.242	738	0	737	567	267	6	738
21-23	65.5	6.630	21	0	21	12	1	0	21
ALL HOURS	70.2	5.853	4379	0	4366	3307	1635	142	4379

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO 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	.0	.000	0	0	0	0	0	0	0
03-05	57.8	9.738	177	0	141	43	2	0	177
06-08	59.6	9.303	775	0	654	212	32	0	775
09-11	64.4	8.625	834	0	782	389	160	0	834
12-14	66.0	8.542	894	0	851	484	234	3	894
15-17	65.7	8.468	805	0	756	427	193	5	805
18-20	63.8	8.482	712	0	655	303	118	1	712
21-23	67.8	5.014	22	0	22	15	5	0	22
ALL HOURS	63.7	9.089	4219	0	3861	1873	744	9	4219

MONTH: OCT

00-02	.0	.000	0	0	0	0	0	0	0
03-05	46.9	9.876	164	10	64	1	0	0	164
06-08	47.9	9.998	787	47	336	15	3	0	787
09-11	53.4	9.175	852	9	532	67	8	0	852
12-14	55.8	8.664	912	4	653	105	9	0	912
15-17	55.2	8.640	843	6	581	81	7	0	843
18-20	52.2	8.862	761	6	446	27	4	0	761
21-23	50.1	8.815	85	1	40	3	1	0	85
ALL HOURS	52.7	9.547	4404	83	2652	299	32	0	4404

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO 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 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	50.0	.000	1	0	1	0	0	0	1
06-08	38.7	11.301	678	220	128	0	0	0	678
09-11	42.9	10.732	804	129	217	4	0	0	804
12-14	45.7	10.069	894	74	309	8	0	0	894
15-17	45.0	10.056	841	91	270	3	0	0	841
18-20	42.1	10.126	798	154	213	0	0	0	798
21-23	40.1	9.971	259	62	55	0	0	0	259
ALL HOURS	42.9	10.687	4275	730	1193	15	0	0	4275

MONTH: DEC

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	27.4	13.960	674	438	43	0	0	0	674
09-11	30.4	13.320	820	455	54	0	0	0	820
12-14	33.5	12.511	918	384	72	0	0	0	918
15-17	33.7	12.424	859	369	66	0	0	0	859
18-20	31.1	12.577	815	430	38	0	0	0	815
21-23	29.9	10.995	278	169	5	0	0	0	278
ALL HOURS	31.3	12.998	4364	2245	278	0	0	0	4364



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	20.2	12.997	700	509	53	700	0	700
09-11	21.5	13.205	825	553	72	824	0	825
12-14	22.4	13.286	920	589	102	914	0	920
15-17	21.9	13.330	871	574	91	867	0	871
18-20	21.2	13.232	824	577	75	820	0	824
21-23	20.9	14.173	263	184	31	262	0	263
<b>ALL HOURS</b>	<b>21.5</b>	<b>13.312</b>	<b>4403</b>	<b>2986</b>	<b>424</b>	<b>4387</b>	<b>0</b>	<b>4403</b>

MONTH: FEB

00-02	.0	.000	0	0	0	0	0	841
03-05	.0	.000	0	0	0	0	0	841
06-08	23.9	14.140	646	379	106	640	0	841
09-11	25.9	14.001	759	391	149	748	0	841
12-14	27.0	13.447	841	425	185	827	0	841
15-17	26.6	13.115	790	401	172	780	0	841
18-20	25.7	13.130	739	381	141	731	0	841
21-23	26.0	14.094	185	96	39	181	0	841
<b>ALL HOURS</b>	<b>25.9</b>	<b>13.635</b>	<b>3960</b>	<b>2073</b>	<b>792</b>	<b>3907</b>	<b>0</b>	<b>3960</b>

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/PORNEY AAF MO 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	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	33.1	12.833	718	254	272	681	0	718
09-11	34.3	13.039	841	268	355	783	2	841
12-14	34.6	13.115	922	296	416	854	1	922
15-17	34.0	13.298	861	286	357	806	1	861
18-20	33.2	12.918	832	289	327	789	0	832
21-23	34.3	13.104	206	63	85	193	0	206
ALL HOURS	33.9	13.081	4380	1456	1812	4106	4	4380

MONTH: APR

00-02	.0	.000	0	0	0	0	0	896
03-05	41.5	11.735	106	13	69	89	0	896
06-08	40.9	11.751	728	99	459	636	1	896
09-11	41.5	12.892	842	117	512	702	16	896
12-14	41.6	13.182	896	135	555	737	16	896
15-17	41.2	13.017	818	136	500	692	8	896
18-20	40.7	12.782	791	128	477	672	6	896
21-23	42.6	12.615	76	9	48	63	1	896
ALL HOURS	41.2	12.753	4257	637	2620	3591	48	4257

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORREY AAF MO 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 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	50.7	10.510	187	0	168	123	21	187
06-08	53.1	9.528	812	1	768	472	93	812
09-11	54.7	10.451	870	6	819	422	165	870
12-14	54.9	10.892	930	12	880	440	195	930
15-17	54.4	10.890	840	8	789	421	171	840
18-20	54.3	10.394	747	4	701	379	135	747
21-23	55.5	9.059	22	0	21	9	1	22
ALL HOURS	54.1	10.518	4408	31	4146	2266	781	4408

MONTH: JUN

00-02	.0	.000	0	0	0	0	0	900
03-05	60.1	7.457	179	0	179	45	62	900
06-08	61.9	7.036	783	0	782	150	331	900
09-11	63.9	7.191	838	0	838	125	437	900
12-14	64.3	7.448	900	0	900	132	497	900
15-17	64.2	7.289	806	0	806	109	449	900
18-20	64.1	7.245	717	0	717	95	388	900
21-23	66.3	4.988	21	0	21	0	15	900
ALL HOURS	63.6	7.358	4244	0	4243	656	2180	4244



OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO 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 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	55.9	10.414	177	0	168	80	48	177
06-08	57.4	10.051	775	3	748	313	237	775
09-11	59.6	10.208	834	3	813	268	326	834
12-14	59.5	10.707	894	3	867	301	356	894
15-17	59.2	10.668	805	0	780	290	311	805
18-20	59.5	10.097	712	0	693	236	266	712
21-23	64.9	6.585	22	0	22	2	15	22
ALL HOURS	58.9	10.416	4219	9	4091	1490	1559	4219

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	912
03-05	43.1	11.554	164	10	109	136	4	912
06-08	43.8	11.835	787	62	548	641	28	912
09-11	46.4	12.087	852	42	663	634	62	912
12-14	46.6	12.447	912	57	691	657	64	912
15-17	45.9	12.728	843	63	612	613	50	912
18-20	45.2	12.238	761	50	561	586	32	912
21-23	44.4	11.542	85	7	65	71	3	912
ALL HOURS	45.5	12.302	4404	291	3249	3338	243	4404

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO 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	.0	.000	0	0	0	0	0	0
03-05	48.0	.000	1	0	1	1	0	1
06-08	33.7	13.445	678	226	268	630	0	678
09-11	35.6	13.210	804	215	342	739	4	804
12-14	35.9	13.000	894	248	389	827	4	894
15-17	34.7	13.406	841	265	346	777	0	841
18-20	33.9	13.222	798	276	317	748	0	798
21-23	32.9	12.676	259	93	96	249	0	259
<b>ALL HOURS</b>	<b>34.7</b>	<b>13.257</b>	<b>4275</b>	<b>1323</b>	<b>1759</b>	<b>3971</b>	<b>8</b>	<b>4275</b>

MONTH: DEC

00-02	.0	.000	0	0	0	0	0	918
03-05	.0	.000	0	0	0	0	0	918
06-08	21.9	15.925	674	433	98	662	0	918
09-11	23.4	15.479	820	501	127	803	0	918
12-14	24.3	14.956	918	540	148	899	0	918
15-17	24.1	15.079	859	519	153	846	0	918
18-20	23.2	15.013	815	520	144	801	0	918
21-23	22.8	12.937	278	187	41	276	0	918
<b>ALL HOURS</b>	<b>23.4</b>	<b>15.149</b>	<b>4364</b>	<b>2700</b>	<b>711</b>	<b>4287</b>	<b>0</b>	<b>4364</b>



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.7	98.1	91.0	76.9	51.4	29.9	12.3	70.7	700
09-11	100.0	100.0	98.9	90.9	73.9	56.5	36.2	21.3	9.6	63.3	825
12-14	100.0	98.7	89.2	67.9	51.3	36.3	26.7	16.3	7.9	54.0	920
15-17	100.0	97.4	85.8	64.4	46.6	33.8	23.8	14.6	7.9	52.0	871
18-20	100.0	99.9	94.3	79.2	59.6	44.5	29.1	17.7	7.3	57.7	824
21-23	100.0	100.0	97.0	84.4	68.1	53.6	35.7	20.9	11.4	61.7	263
ALL HOURS	100.0	99.2	93.4	79.4	63.5	48.6	32.8	19.6	9.0	59.1	4403

MONTH: FEB

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	98.6	94.3	79.9	59.9	37.9	17.3	73.6	646
09-11	100.0	99.9	98.4	91.6	76.9	57.4	42.2	26.9	12.5	65.4	759
12-14	100.0	99.3	91.8	71.1	51.4	39.5	27.2	17.4	7.5	55.0	841
15-17	100.0	98.1	86.8	64.3	47.5	37.7	25.1	16.7	7.2	53.0	790
18-20	100.0	99.9	93.5	78.9	60.6	45.1	30.6	20.4	11.0	58.8	739
21-23	100.0	100.0	98.9	89.7	77.3	58.4	42.2	27.0	15.1	65.8	185
ALL HOURS	100.0	99.4	94.1	80.5	65.4	51.1	36.3	23.4	11.0	60.8	3960

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 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										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	98.6	94.3	81.9	60.4	38.6	13.4	73.4	718
09-11	100.0	99.9	96.3	84.1	69.3	52.6	35.7	21.3	8.1	61.2	841
12-14	100.0	98.3	81.7	62.4	46.2	34.6	24.1	14.6	5.5	51.4	922
15-17	100.0	95.2	76.3	56.1	42.7	30.3	20.8	13.7	4.9	48.5	861
18-20	100.0	97.4	85.3	69.0	54.0	39.9	27.8	16.6	7.1	54.4	832
21-23	100.0	99.0	95.1	76.7	60.7	45.1	33.5	23.3	11.2	59.2	206
ALL HOURS	100.0	98.1	87.8	73.2	60.0	46.5	32.8	20.4	7.7	57.3	4380

MONTH: APR

00-02										.0	0
03-05	100.0	100.0	100.0	100.0	92.5	80.2	57.5	34.0	18.9	72.8	106
06-08	100.0	100.0	100.0	98.1	87.9	72.5	52.1	32.8	14.3	70.4	728
09-11	100.0	99.8	92.0	74.8	56.9	41.0	27.2	16.3	6.8	55.9	842
12-14	100.0	98.1	77.1	57.3	39.7	28.3	18.9	11.3	3.7	47.8	896
15-17	100.0	96.9	72.4	52.1	38.1	26.7	19.7	12.6	4.9	46.9	818
18-20	100.0	99.0	84.7	64.6	49.4	36.7	25.5	17.4	7.6	53.1	791
21-23	100.0	100.0	93.4	81.6	73.7	51.3	25.0	15.8	13.2	59.8	76
ALL HOURS	100.0	98.8	85.3	69.6	54.8	41.3	28.7	18.0	7.6	54.9	4257

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS	
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN		
00-02											.0	0
03-05	100.0	100.0	100.0	100.0	98.9	96.3	81.3	55.1	30.5	80.8		187
06-08	100.0	100.0	100.0	99.5	97.0	88.8	70.8	47.9	23.8	77.2		812
09-11	100.0	99.9	97.8	89.9	75.3	57.6	37.5	20.6	8.4	63.1		870
12-14	100.0	99.5	93.4	76.0	60.4	41.5	24.4	13.2	4.1	55.8		930
15-17	100.0	99.4	90.5	72.6	58.7	43.1	25.1	13.6	3.5	55.2		840
18-20	100.0	100.0	95.9	85.4	72.7	56.2	37.9	22.0	7.4	62.3		747
21-23	100.0	100.0	100.0	95.5	95.5	90.9	72.7	36.4	18.2	75.0		22
ALL HOURS	100.0	99.8	95.7	85.1	73.7	58.8	40.6	24.5	10.2	63.3		4408

MONTH: JUN

00-02											.0	0
03-05	100.0	100.0	100.0	100.0	100.0	98.3	94.4	73.2	39.7	85.2		179
06-08	100.0	100.0	100.0	99.7	99.4	95.4	79.7	51.2	23.2	79.4		793
09-11	100.0	100.0	100.0	97.7	88.2	66.2	36.6	14.9	7.2	65.6		838
12-14	100.0	100.0	99.1	90.8	75.0	45.3	20.2	9.7	4.6	59.1		900
15-17	100.0	100.0	98.6	89.6	72.2	44.3	26.3	12.8	5.6	59.6		806
18-20	100.0	100.0	99.9	96.4	86.8	68.6	47.7	23.6	8.9	67.6		717
21-23	100.0	100.0	100.0	100.0	100.0	100.0	71.4	42.9	14.3	78.1		2
ALL HOURS	100.0	100.0	99.5	95.0	84.7	64.9	43.6	24.2	11.0	66.9		4244

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

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

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02										.0	0
03-05	100.0	100.0	100.0	100.0	100.0	99.5	97.3	78.3	38.0	85.5	184
06-08	100.0	100.0	100.0	100.0	99.9	97.5	78.4	42.6	19.0	78.3	802
09-11	100.0	100.0	99.9	98.4	89.9	58.4	24.8	10.0	4.1	63.1	860
12-14	100.0	100.0	99.1	91.2	63.5	29.4	13.3	6.8	2.5	55.1	918
15-17	100.0	100.0	98.7	87.2	57.2	26.5	15.3	5.3	2.4	53.7	834
18-20	100.0	99.9	99.6	96.2	82.1	55.3	29.6	11.9	3.2	62.3	739
21-23	100.0	100.0	100.0	100.0	100.0	82.6	26.1	8.7	8.7	67.7	23
ALL HOURS	100.0	100.0	99.5	94.7	79.1	54.7	34.3	17.6	7.5	63.2	4360

MONTH: AUG

00-02										.0	0
03-05	100.0	100.0	100.0	100.0	100.0	100.0	93.6	74.5	48.4	85.9	188
06-08	100.0	100.0	100.0	100.0	100.0	96.5	84.2	56.5	28.1	80.9	811
09-11	100.0	100.0	100.0	97.1	84.5	60.0	35.8	14.7	5.9	64.5	866
12-14	100.0	100.0	98.5	83.1	60.0	34.7	17.7	7.8	3.7	55.0	924
15-17	100.0	100.0	97.0	79.1	56.1	32.9	17.6	8.7	3.9	54.0	831
18-20	100.0	100.0	99.7	93.1	79.1	59.5	39.2	19.9	7.2	64.4	738
21-23	100.0	100.0	100.0	100.0	81.0	57.1	33.3	19.0	4.8	63.6	21
ALL HOURS	100.0	100.0	99.1	90.7	76.5	57.9	40.5	23.3	11.2	64.4	4379

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02										.0	0
03-05	100.0	100.0	100.0	100.0	100.0	99.4	95.5	80.2	37.3	85.6	177
06-08	100.0	100.0	100.0	100.0	99.6	97.8	90.7	67.1	27.9	82.6	775
09-11	100.0	100.0	100.0	98.0	88.5	66.1	40.9	20.3	7.4	66.6	834
12-14	100.0	100.0	99.1	87.7	62.8	40.5	22.7	11.6	5.3	57.4	894
15-17	100.0	100.0	98.9	86.2	63.4	42.7	24.0	13.4	6.1	57.9	805
18-20	100.0	100.0	100.0	97.3	89.7	75.3	50.0	26.5	9.6	69.5	712
21-23	100.0	100.0	100.0	100.0	95.5	90.9	72.7	50.0	22.7	77.5	22
ALL HOURS	100.0	100.0	99.6	93.9	81.0	65.1	47.0	29.5	12.2	67.3	4219

MONTH: OCT

00-02										.0	0
03-05	100.0	100.0	100.0	99.4	97.0	88.4	73.2	48.8	20.7	77.1	164
06-08	100.0	100.0	100.0	98.7	94.5	84.2	68.2	43.5	18.9	75.3	787
09-11	100.0	100.0	97.7	86.2	67.3	49.4	33.7	20.8	9.6	61.0	852
12-14	100.0	99.6	90.2	66.9	45.5	32.7	24.9	14.1	6.6	52.6	912
15-17	100.0	99.2	89.6	65.0	45.3	32.7	25.5	15.5	9.1	52.7	843
18-20	100.0	100.0	98.6	86.2	69.4	51.6	35.9	20.0	10.2	61.6	761
21-23	100.0	100.0	100.0	94.1	82.4	64.7	44.7	22.4	9.4	67.0	85
ALL HOURS	100.0	99.8	95.3	81.0	65.2	51.1	38.5	23.4	11.1	61.0	4404

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
LST TO UTC: + 6 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										.0	0
03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		86.0	1
06-08	100.0	100.0	99.1	96.2	88.9	76.8	61.1	41.3	15.6	72.5	678
09-11	100.0	99.4	95.5	85.1	70.6	57.1	38.4	25.1	8.8	62.7	804
12-14	100.0	97.8	87.2	66.9	49.9	38.0	26.6	17.6	6.3	53.4	894
15-17	100.0	98.1	82.5	64.9	49.0	35.6	24.4	17.4	7.6	52.6	841
18-20	100.0	99.9	95.0	81.5	61.8	47.2	34.0	20.6	8.8	59.4	798
21-23	100.0	100.0	98.8	88.4	69.5	55.2	39.4	24.7	9.7	63.1	259
ALL HOURS	100.0	99.0	91.9	78.6	63.2	50.1	36.0	23.7	9.2	59.7	4275

MONTH: DEC

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.6	98.4	91.2	73.7	52.8	34.1	12.3	71.0	674
09-11	100.0	100.0	99.1	91.7	79.3	60.7	40.4	25.4	8.9	65.2	820
12-14	100.0	99.6	94.2	77.6	55.6	39.0	28.0	19.5	9.8	57.0	918
15-17	100.0	99.2	91.6	74.3	55.5	39.3	27.7	18.4	8.8	56.2	859
18-20	100.0	99.9	97.8	86.5	69.6	51.4	32.6	21.5	9.7	61.8	815
21-23	100.0	100.0	99.3	93.2	79.9	59.7	33.8	20.9	10.1	64.5	278
ALL HOURS	100.0	99.7	96.4	85.4	69.7	52.2	35.3	23.1	9.8	61.9	4364

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO PERIOD OF RECORD: OCT 81 - SEP 91  
 LST TO UTC: + 6 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										.0	0
03-05	100.0	100.0	100.0	99.9	98.7	95.6	86.6	65.5	34.5	82.5	1186
06-08	100.0	100.0	99.9	98.9	95.1	85.7	68.2	44.1	19.1	75.7	8914
09-11	100.0	99.9	98.0	90.5	76.8	56.9	35.7	19.7	8.1	63.1	10011
12-14	100.0	99.2	91.7	74.9	55.1	36.6	22.9	13.3	5.6	54.5	10869
15-17	100.0	98.6	89.0	71.2	52.6	35.4	22.9	13.6	6.0	53.5	9999
18-20	100.0	99.6	95.2	84.1	69.1	52.2	34.7	19.8	8.2	60.9	9213
21-23	100.0	99.9	97.9	87.9	73.8	57.3	37.9	23.3	11.4	63.7	1461
ALL HOURS	100.0	99.5	94.8	83.9	69.7	53.5	37.2	22.5	9.8	61.7	51653

<b>PPPPPPP</b>	<b>AAAAA</b>	<b>RRRRRRR</b>	<b>TTTTTTTTT</b>	<b>FFFFFFFFF</b>
<b>PPPPPPPP</b>	<b>AAAAAAAAA</b>	<b>RRRRRRRRR</b>	<b>TTTTTTTTTTT</b>	<b>FFFFFFFFFFF</b>
<b>PP PP</b>	<b>AA AA</b>	<b>RR RR</b>	<b>TT</b>	<b>FF</b>
<b>PP PP</b>	<b>AA AA</b>	<b>RR RR</b>	<b>TT</b>	<b>FF</b>
<b>PPPPPPPP</b>	<b>AA AA</b>	<b>RRRRRRRRR</b>	<b>TT</b>	<b>FFFFFFF</b>
<b>PPPPPPPP</b>	<b>AAAAAAAAA</b>	<b>RRRRRRRRR</b>	<b>TT</b>	<b>FFFFFFF</b>
<b>PP</b>	<b>AAAAAAAAA</b>	<b>RR RR</b>	<b>TT</b>	<b>FF</b>
<b>PP</b>	<b>AA AA</b>	<b>RR RR</b>	<b>TT</b>	<b>FF</b>
<b>PP</b>	<b>AA AA</b>	<b>RR RR</b>	<b>TT</b>	<b>FF</b>
<b>PP</b>	<b>AA AA</b>	<b>RR RR</b>	<b>TT</b>	<b>FF</b>

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: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO 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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	MEAN	1021.0	1020.2	1015.8	1014.2	1015.0	1015.5	1017.0	1017.2	1018.3	1019.6	1018.1	1020.5	1017.5
	SD	7.963	8.379	8.849	7.030	5.168	3.585	3.163	3.218	4.687	5.230	8.421	9.160	6.581
	TOT OBS	183	168	189	209	266	257	262	266	254	249	170	161	2634
0900	MEAN	1021.8	1020.9	1017.0	1015.2	1015.5	1016.0	1017.5	1017.9	1019.1	1020.4	1018.9	1021.7	1018.5
	SD	8.164	8.903	9.047	7.107	5.364	3.599	3.274	3.248	4.725	5.429	8.378	8.844	7.066
	TOT OBS	274	253	277	271	279	269	277	279	268	278	268	273	3266
1200	MEAN	1021.1	1020.3	1016.3	1014.6	1014.8	1015.6	1017.0	1017.3	1018.5	1019.3	1017.8	1021.1	1017.8
	SD	7.888	8.974	8.709	6.942	5.203	3.533	3.055	3.282	4.544	5.463	8.121	8.653	6.911
	TOT OBS	306	279	308	299	310	300	306	308	298	304	298	306	3622
1500	MEAN	1019.5	1018.5	1014.6	1013.0	1013.5	1014.3	1015.7	1015.9	1016.9	1018.0	1016.4	1019.7	1016.4
	SD	7.795	8.805	8.434	6.808	4.941	3.425	3.030	3.193	4.433	5.304	7.922	8.495	6.846
	TOT OBS	308	279	305	278	280	269	278	277	269	282	298	305	3428
1800	MEAN	1020.2	1019.2	1014.6	1012.9	1013.2	1013.8	1015.2	1015.5	1016.8	1018.3	1017.3	1020.4	1016.4
	SD	7.826	8.433	8.290	6.805	4.774	3.333	2.967	3.121	4.379	5.258	7.898	8.535	6.812
	TOT OBS	275	247	278	269	280	268	278	277	267	279	266	272	3256
2100	MEAN	1020.6	1020.7	1016.4	1015.4	1013.8	1014.7	1015.2	1016.8	1015.6	1019.1	1018.4	1021.0	1018.9
	SD	7.904	8.734	8.183	6.172	4.682	3.621	3.389	3.563	3.488	4.693	7.636	7.724	7.775
	TOT OBS	212	165	185	57	22	21	23	21	22	75	204	209	1216
ALL HOURS	MEAN	1020.7	1019.9	1015.7	1014.0	1014.4	1015.0	1016.5	1016.7	1017.9	1019.1	1017.7	1020.7	1017.4
	SD	7.956	8.780	8.650	6.971	5.166	3.597	3.230	3.343	4.636	5.381	8.104	8.595	6.981
	TOT OBS	1558	1391	1542	1383	1437	1384	1424	1428	1378	1467	1504	1526	17422

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO 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	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	MEAN	30.12	30.10	29.99	29.95	29.99	30.01	30.06	30.07	30.09	30.11	30.06	30.10	30.05
	SD	.223	.236	.249	.203	.149	.105	.092	.091	.132	.147	.239	.253	.184
	TOT OBS	183	168	189	209	266	257	262	266	254	249	170	161	2634
0900	MEAN	30.14	30.12	30.02	29.98	30.00	30.03	30.08	30.09	30.11	30.14	30.08	30.14	30.08
	SD	.229	.250	.258	.205	.155	.105	.096	.092	.133	.154	.238	.246	.197
	TOT OBS	274	253	277	271	280	269	277	279	268	278	268	273	3267
1200	MEAN	30.12	30.11	30.01	29.97	29.98	30.02	30.07	30.07	30.10	30.11	30.05	30.12	30.06
	SD	.222	.252	.249	.200	.150	.103	.089	.093	.128	.155	.232	.241	.193
	TOT OBS	306	280	308	300	310	300	306	308	298	303	298	306	3623
1500	MEAN	30.08	30.05	29.96	29.92	29.95	29.98	30.03	30.03	30.05	30.07	30.01	30.08	30.02
	SD	.219	.249	.240	.196	.142	.100	.088	.090	.124	.153	.226	.237	.192
	TOT OBS	308	280	305	278	280	269	278	277	269	282	298	305	3429
1800	MEAN	30.10	30.07	29.95	29.91	29.94	29.96	30.01	30.02	30.04	30.07	30.03	30.10	30.02
	SD	.220	.236	.235	.195	.138	.097	.086	.088	.122	.149	.224	.237	.189
	TOT OBS	275	247	278	269	280	269	278	277	267	279	266	272	3257
2100	MEAN	30.11	30.11	30.01	29.99	29.95	29.99	30.02	30.05	30.02	30.10	30.06	30.12	30.07
	SD	.222	.245	.232	.176	.132	.106	.097	.100	.099	.136	.216	.215	.216
	TOT OBS	212	165	185	57	22	21	23	21	22	75	204	209	1216
ALL HOURS	MEAN	30.11	30.09	29.99	29.95	29.97	30.00	30.05	30.06	30.08	30.10	30.04	30.11	30.05
	SD	.223	.247	.246	.201	.149	.105	.094	.095	.130	.153	.231	.239	.195
	TOT OBS	1558	1393	1542	1384	1438	1385	1424	1428	1378	1466	1504	1526	17426

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 724457 STATION NAME: FT LEONARD WOOD/FORNEY AAF MO 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	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	MEAN	28.85	28.86	28.74	28.73	28.74	28.78	28.82	28.83	28.85	28.87	28.81	28.89	28.81
	SD	.216	.226	.251	.188	.137	.102	.089	.089	.129	.149	.232	.243	.178
	TOT OBS	184	170	184	201	269	256	261	268	251	258	166	163	2631
0900	MEAN	28.90	28.88	28.78	28.75	28.76	28.79	28.84	28.85	28.87	28.89	28.84	28.90	28.84
	SD	.221	.242	.249	.198	.150	.103	.093	.089	.129	.149	.230	.237	.191
	TOT OBS	271	253	279	269	280	269	277	279	268	279	267	276	3267
1200	MEAN	28.88	28.86	28.77	28.73	28.75	28.78	28.83	28.83	28.86	28.87	28.81	28.88	28.82
	SD	.215	.244	.242	.193	.145	.100	.087	.091	.124	.151	.224	.233	.187
	TOT OBS	308	279	305	300	310	300	306	308	298	306	299	304	3623
1500	MEAN	28.84	28.81	28.72	28.68	28.71	28.74	28.79	28.79	28.81	28.83	28.77	28.84	28.78
	SD	.212	.240	.232	.189	.137	.097	.086	.088	.121	.148	.219	.229	.185
	TOT OBS	308	280	305	278	280	269	278	277	269	282	298	305	3429
1800	MEAN	28.85	28.83	28.72	28.68	28.70	28.72	28.77	28.78	28.80	28.83	28.79	28.86	28.78
	SD	.212	.229	.228	.189	.133	.094	.084	.086	.118	.144	.217	.229	.182
	TOT OBS	275	247	278	269	280	269	278	277	267	279	266	272	3257
2100	MEAN	28.86	28.87	28.77	28.75	28.72	28.76	28.78	28.81	28.78	28.85	28.82	28.88	28.83
	SD	.215	.237	.224	.171	.127	.103	.094	.098	.096	.131	.209	.208	.209
	TOT OBS	212	165	185	57	22	21	23	21	22	75	204	209	1216
ALL HOURS	MEAN	28.86	28.85	28.75	28.71	28.73	28.76	28.81	28.81	28.84	28.86	28.80	28.87	28.81
	SD	.216	.238	.239	.193	.143	.102	.092	.093	.127	.150	.223	.231	.188
	TOT OBS	1558	1394	1536	1374	1441	1384	1423	1430	1375	1479	1500	1529	17423



PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	GG GGGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 143-323

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A				0				0	3.7	.4		700	7.6	.8		825
CATEGORY B				0				0	4.9	1.9	.1	822	8.6	3.9	.5	951

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	12.1	2.1		920	7.5	.9		871	1.3	.1		824	2.3	.8		263
CATEGORY B	13.4	5.7	.9	1032	10.3	3.5	.3	940	3.2	.8		877	4.2	1.1		264

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	6.7	.9		4140	6.4	.9		4403
CATEGORY B	8.3	3.3	.4	4622	8.1	3.2	.4	4886

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 143-323

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A				0				0	1.5			646	4.3	.5		759
CATEGORY B				0				0	2.1	.9		790	6.0	2.0	.3	912

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	10.5	1.5	.1	841	8.0	1.0		790	2.3			739	1.1			185
CATEGORY B	11.9	4.8	.2	980	8.9	3.1	.3	902	3.7	1.5		817	3.2	1.1		190

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	5.6	.7	.0	3775	5.4	.6	.0	3960
CATEGORY B	6.8	2.5	.2	4410	6.6	2.5	.2	4600

OPERATING LOCATION "A"  
 USAFETAC ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 143-323

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A				0				0	5.6	.7		718	13.3	3.1		841
CATEGORY B				0				0	7.3	3.0	.1	823	16.4	7.5	1.4	962

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	16.5	2.7		922	11.8	3.0		861	4.9	.8		832	6.3	1.5		206
CATEGORY B	20.9	10.9	1.4	1003	16.9	9.0	1.5	943	8.3	4.2	.8	918	6.8	4.8		207

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	10.7	2.1		4174	10.5	2.1		4380
CATEGORY B	14.3	7.1	1.1	4649	13.9	7.0	1.0	4856

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 143-323

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A				0				106	3.3	.4		728	10.5	1.5		842
CATEGORY B				0				123	4.8	1.5		856	12.7	6.5	.3	950

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	12.6	2.5		896	10.1	1.8		818	2.3	.4		791	3.9			76
CATEGORY B	18.3	8.5	.6	943	16.4	6.7	.9	889	3.8	.8	.2	824	3.9			77

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	8.0	1.4		4075	7.7	1.3		4257
CATEGORY B	11.5	5.0	.4	4462	11.0	4.8	.4	4662

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 143-323

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A				0	.5			187	1.4	.1		812	7.9	.9		870
CATEGORY B				0	.5			205	3.3	.8	.1	957	10.1	3.4	.3	975

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	8.8	.3		930	7.6	1.0		840	1.6	.3		747				22
CATEGORY B	13.2	5.3	.2	1014	10.3	5.1	.5	913	2.3	1.0		77				22

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	5.7	.5		4199	5.4	.5		4408
CATEGORY B	8.1	3.2	.2	4636	7.8	3.1	.2	4863

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 143-323

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A				0	.6			179	.9			783	4.1	.2		838
CATEGORY B				0	.5			207	1.6	.6		903	4.9	1.7		907

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	4.0	.1		900	2.5	.1		806	.6			717				21
CATEGORY B	5.4	1.2		976	3.8	1.3	.1	870	1.3	.7		750				21

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	2.5	.1		4044	2.4	.1		4244
CATEGORY B	3.5	1.1	.0	4406	3.3	1.0	.0	4634

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 143-323

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A				0				184	1.2			802	3.1			860
CATEGORY B				0				210	1.3	.2		905	3.4	.7		943

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	4.8	.1		918	2.3			834	.1			739				23
CATEGORY B	6.1	1.2	.1	980	2.9	.3	.1	885	.1			758				23

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	2.4	.0		4153	2.3	.0		4360
CATEGORY B	2.9	.5	.0	4471	2.8	.5	.0	4704

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 143-323

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A				0				188	.2			811	2.0			866
CATEGORY B				0				200	.5	.1		912	2.5	.3		927

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	2.8			924	1.7	.2		831	.4	.1		738				21
CATEGORY B	3.5	1.5		976	2.2	.6	.1	873	.8	.4		767				21

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	1.5	.1		4170	1.4	.1		4379
CATEGORY B	2.0	.6	.0	4455	1.9	.6	.0	4676

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 143-323

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				177	.8			775	4.1			834
CATEGORY B				0				197	2.2	1.4	.1	928	5.1	1.9		959

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.8	.2		894	2.0	.1		805				712				22
CATEGORY B	7.2	1.8	.1	966	3.7	1.1	.2	875	.3			734				22

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.5	.1		4020	2.3	.1		4219
CATEGORY B	3.9	1.3	.1	4462	3.7	1.2	.1	4681

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 143-323

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				164	.9	.1		787	5.9	.1		853
CATEGORY B				0	.6			175	1.6	.1		872	8.7	2.8		915

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	7.6	.5		912	3.8	.5		843	.9			761				85
CATEGORY B	11.0	4.3	.2	998	6.4	1.9	.2	908	1.5	.4		777				85

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.0	.3		4156	3.7	.2		4405
CATEGORY B	6.1	2.0	.1	4470	5.8	1.9	.1	4730

OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 143-323

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
 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			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A				0				1	1.9	.1		678	11.2	1.6		804
CATEGORY B				0				1	3.2	1.1		759	13.7	5.2	.5	883

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	14.0	2.1		894	8.1	.6		841	3.4	.1		798	.4			259
CATEGORY B	18.6	7.0	.8	969	12.2	3.9	.2	894	6.4	2.3	.5	844	2.3			260

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	8.0	1.0		4015	7.6	.9		4275
CATEGORY B	11.2	4.0	.4	4349	10.7	3.8	.4	4610

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 143-323

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A				0				0	3.0	1.0		674	7.2	1.5		820
CATEGORY B				0				0	4.1	1.5	.4	748	9.0	4.1	.5	929

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	10.6	1.7		918	5.0	.6		859	1.6	.1		815	2.9	.4		278
CATEGORY B	13.6	6.0	.5	1001	7.3	2.2		940	3.5	.8	.1	864	3.6	.7		280

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	5.7	1.0		4086	5.5	1.0		4364
CATEGORY B	7.8	3.1	.3	4482	7.6	2.9	.3	4762

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 143-323

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
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			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A				0	.2			1186	2.0	.2		8914	6.8	.9		10012
CATEGORY B				0	.2			1318	3.0	1.1	.1	10284	8.4	3.3	.3	11213

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	9.1	1.2	.0	10869	5.9	.8		9999	1.7	.2		9213	2.3	.4		1461
CATEGORY B	12.0	4.9	.4	11838	8.5	3.3	.4	10832	3.1	1.1	.1	9707	3.4	1.2		1472

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	5.3	.7	.0	49007	5.1	.7	.0	51654
CATEGORY B	7.2	2.8	.3	53874	7.0	2.7	.3	56664



PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTT	HH	HH
PPPPPPP	AAAAAAA	RRRRRRR	TTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPP	AA AA	RRRRRRR	TT	HHHHHHHH	
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	HHHHHHHH	
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

PART B  
DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (\*\*\*\*) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

\*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

PERIOD OF RECORD: JAN 64 - JUL 75

.....  
YEARS | JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN  
.....

.....  
MEAN |

SD |

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 724457

STATION NAME: FT LEONARD WOOD/FORNEY AAF MO  
LST TO UTC: + 6

PERIOD OF RECORD: JAN 64 - JUL 75

.....  
YEARS | JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN  
.....

.....  
MEAN |

SD |

B - 3 - 1

A W S CLIMATIC BRIEF  MAR 92	STATION NAME: FT LEONARD WOOD/FORNEY AAF MO	FIELD ELEV: 1159 FT
	LATITUDE/LONGITUDE: 37 44 N 092 08 W	STATION MSC: 724457
	HOURLY OBS POR: OCT 81 - SEP 91	CALL SIGN: KTBN
	SUMMARY OF DAY POR: MAR 63-SEP 91	SUPERSEDES: JUL 87
	HOURS SUMMARIZED: 0500 - 2200 LST LST TO UTC: +06	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	77	83	84	95	91	100	109	105	100	94	83	74	109	27
MEAN MAX TEMP (F)	40	44	56	68	75	83	88	86	79	69	56	43	66	27
MEAN TEMP (F)	32	36	47	58	66	74	79	77	69	59	47	36	57	27
MEAN MIN TEMP (F)	24	27	37	48	56	65	69	67	60	49	39	28	47	27
EXTRM MIN TEMP (F)	-13	-8	-4	23	31	45	49	47	34	23	5	-15	-15	27
D/W TEMP GE 100 (F)	0	0	0	0	0	#	1	1	#	0	0	0	2	27
D/W TEMP GE 90 (F)	0	0	0	1	1	5	14	10	3	1	0	0	35	27
D/W TEMP LT 33 (F)	23	19	12	2	#	0	0	0	0	1	9	20	86	27
D/W TEMP LT 10 (F)	5	3	1	0	0	0	0	0	0	0	1	2	12	27
HEATING DEGREE DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	12
COOLING DEGREE DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	12
MEAN DEWPOINT TEMP (F)	21	25	33	41	54	63	66	65	58	45	34	23	44	10
MEAN WET BULB TEMP (F)	30	34	42	50	60	68	71	70	63	52	42	31	51	10
99.95% WCPA (FT)	1650	1750	1800	1700	1550	1400	1300	1300	1400	1450	1750	1700	1600	10
MEAN REL HUM 07 LST(%)	70.7	73.6	73.4	70.4	77.2	79.4	78.3	80.9	82.6	75.3	72.5	71.0	75.7	10
MEAN REL HUM 13 LST(%)	54.0	55.0	51.4	47.8	55.8	59.1	55.1	55.0	57.4	52.6	53.4	57.0	54.5	10
MAX 24HR PRECIP (IN)	2.83	2.67	3.42	4.48	4.34	4.41	3.29	3.59	5.69	4.68	5.72	4.79	5.72	28
MAX PRECIP (IN)	5.41	6.38	9.17	10.93	10.36	10.33	9.04	9.51	11.63	9.19	14.98	10.24	67.93	28
MEAN PRECIP (IN)	1.71	2.42	3.74	4.27	4.89	3.88	3.28	4.00	4.34	3.90	4.09	3.45	44.24	28
MIN PRECIP (IN)	.09	.60	1.41	1.05	1.29	.97	.56	.64	.36	.46	.68	.45	24.46	28
D/W PRECIP GE .01 (IN)	8	9	10	11	11	10	8	8	9	8	9	9	110	28
D/W PRECIP GT .50 (IN)	1	2	2	2	3	2	2	3	3	2	3	2	27	28
MAX 24HR SNFL (IN)	9.4	11.6	9.0	3.3	0	0	0	0	0	#	10.3	8.1	11.6	28
MAX SNFL (IN)	18.9	16.8	16.0	6.8	0	0	0	0	0	#	10.3	14.4	32.4	28
MEAN SNFL (IN)	4.9	5.1	3.4	.4	0	0	0	0	0	#	1.2	3.6	19.0	28
D/W SNFL GE .1 (IN)	3	3	2	1	0	0	0	0	0	0	1	3	13	28
D/W SNFL GE 1.5 (IN)	1	1	1	#	0	0	0	0	0	0	1	1	5	28
MAX DLY SNO DEPTH (IN)	9	12	11	3	0	0	0	0	0	0	10	8	12	28
PRVING WND DIR (DEG)	32-34	32-34	14-16	17-19	17-19	\$17-19	20-22	\$14-16	14-16	14-16	17-19	29-31	14-16	10
MEAN WND SPD (KTS)	6	6	7	7	6	4	4	4	4	5	7	6	6	10
MAX WND SPD (KTS)	48	56	55	55	50	53	58	48	44	62	55	68	68	26
SKY COVER GT 5/10 (%)	55.7	62.2	63.6	58.4	63.9	56.1	43.8	46.9	50.5	55.7	55.5	60.7	56.1	10
D/W THUNDERSTORMS	1	1	3	5	6	7	6	6	4	2	2	1	44	28
D/W FOG (VSBY LT 7 MI)	10	11	11	8	11	10	11	13	14	10	10	11	130	28

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
<b>LST</b>														
	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>CIG</b>	06 - 08	32.3	37.0	33.0	24.7	18.1	16.3	12.5	15.7	21.0	24.1	30.1	35.3	53.6
<b>LT 3000 FT</b>	09 - 11	30.4	37.2	32.6	21.5	20.6	12.5	8.1	11.8	18.2	22.7	30.7	37.4	23.6
<b>AND/OR</b>	12 - 14	26.8	31.6	30.0	18.2	17.7	9.7	6.4	9.2	14.0	21.5	28.7	35.0	20.7
<b>VSBY</b>	15 - 17	23.1	29.4	25.0	17.1	12.5	5.8	4.3	5.2	10.9	17.4	25.7	30.5	17.2
<b>LT 3 MI</b>	18 - 20	24.4	28.1	22.2	14.7	9.1	7.0	2.0	4.2	8.8	16.3	26.3	30.6	16.1
	21 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*
	ALL	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>LT 1500 FT</b>														
	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>CIG</b>	06 - 08	23.9	29.6	20.5	18.0	13.4	15.5	10.8	13.4	17.2	18.7	21.5	26.6	19.1
<b>LT 1500 FT</b>	09 - 11	23.9	25.7	20.1	14.6	11.7	7.5	5.6	8.1	10.0	16.6	21.5	28.4	16.1
<b>AND/OR</b>	12 - 14	19.5	19.0	16.4	10.4	5.7	3.9	3.5	3.9	7.4	13.9	17.8	24.8	12.2
<b>VSBY</b>	15 - 17	16.8	14.8	13.5	9.8	4.4	2.6	1.7	2.4	6.3	12.2	15.9	20.8	10.1
<b>LT 3 MI</b>	18 - 20	17.4	17.1	13.1	7.8	4.0	3.8	1.6	3.0	4.5	10.4	17.3	21.7	10.1
	21 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*
	ALL	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>LT 1000 FT</b>														
	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>CIG</b>	06 - 08	16.1	24.6	15.0	13.2	9.5	11.7	7.6	9.4	12.8	15.8	16.7	19.9	14.4
<b>LT 1000 FT</b>	09 - 11	16.7	19.9	13.2	8.4	6.2	4.9	3.1	6.1	7.7	12.7	16.5	22.7	11.5
<b>AND/OR</b>	12 - 14	13.6	13.7	10.4	4.8	2.9	2.4	1.9	3.0	4.4	9.0	12.9	20.8	8.3
<b>VSBY</b>	15 - 17	11.1	11.6	8.9	5.4	2.4	1.6	1.1	1.4	3.5	9.1	11.7	16.5	7.0
<b>LT 2 MI</b>	18 - 20	11.9	14.1	9.1	5.2	2.3	2.4	.9	2.2	3.1	8.4	12.4	17.4	7.4
	21 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*
	ALL	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>LT 200 FT</b>														
	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>CIG</b>	06 - 08	3.7	7.0	2.9	1.8	2.1	2.2	1.2	1.6	3.1	2.5	2.7	3.1	2.8
<b>LT 200 FT</b>	09 - 11	1.9	3.6	.8	.2	.0	.0	.1	.0	.2	.4	.4	2.2	.8
<b>AND/OR</b>	12 - 14	1.1	1.2	.1	.2	.0	.1	.0	.1	.2	.5	.3	1.0	.4
<b>VSBY</b>	15 - 17	.9	1.4	.0	.0	.0	.1	.0	.2	.0	.0	.6	1.5	.4
<b>LT 1/2 MI</b>	18 - 20	1.0	2.3	.5	.1	.0	.0	.0	.5	.0	.0	1.4	2.1	.7
	21 - 23	*	*	*	*	*	*	*	*	*	*	*	*	*
	ALL	*	*	*	*	*	*	*	*	*	*	*	*	*

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