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USAFETAC/DS--92/282

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SURFACE OBSERVATION CLIMATIC SUMMARIES

for

**FORT EUSTIS/FELKER AAF,
VIRGINIA**

Prepared by

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



MAY 1992

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PREFACE

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

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

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

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

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

INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY DATA: OCT 81 - SEP 91 (AIRWAYS).

SUMMARY OF DAY DATA: NOV 60 - APR 70 (FULL TIME).

SUMMARY OF DAY DATA: MAY 70 - SEP 91 (PART TIME).

HOURS SUMMARIZED: 0600 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 723087	STATION NAME FORT EUSTIS/FELKER AAF, VA	LATITUDE N 37 08	LONGITUDE W 076 37	FLD ELEV (FT) 12	CALL SIGN FAF	WMO NMBR			
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 Eustis/Felker AAF, VA	AAF	Jul 60	Nov 61	N 37 05	W 076 34	20	N/A	24
2	Same	Same	Nov 61	Apr 63	Same	Same	Same	22	24
3	Same	Same	May 63	Apr 70	N 37 08	W 076 37	12	22	24
4	Same	Same	May 70	Jan 89	Same	Same	Same	Same	17
Nbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE			
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND				
1	Nov 60	Atop control tower	AN/GMQ-11	N/A	60 ft				
2	Sep 63	Same	Same	RO-2	Same				
3	Mar 68	500' fm ctrln rwy 14 TD point	Same	Same	13 ft				
4	Jan 72	Same	AN/GMQ-20	RO-362	Same				
5	Jan 89	Same	Same	Same	Same				

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

A - 1 - 1

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

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

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

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

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

HAIL: ALL OCCURRENCES OF HAIL.

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

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

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

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

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

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

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

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

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

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

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

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

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

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

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

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

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

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

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

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

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS (LST)	TSDMS	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		8.4	.9	2.8		12.1	20.2	3.5	.3		36.0	778
09-11		10.3	.5	1.9		12.7	17.3	4.6	.1		34.7	780
12-14		8.6	.3	2.1		10.9	14.2	6.3			31.4	780
15-17		8.2	.1	2.3		10.7	12.0	5.9			28.6	776
18-20		7.6	.1	2.1		9.8	13.1	3.4			26.4	762
21-23		7.7		1.0		8.7	12.9	2.4	.4		24.4	504
ALL HOURS		8.5	.3	2.1		11.0	15.1	4.5	.1		30.6	4380

MONTH: FEB

00-02												0
03-05												0
06-08		11.0		1.4		12.4	22.9	4.1	.3		39.7	711
09-11		11.3		.8		12.1	15.8	5.9			33.8	711
12-14	.3	12.7		1.1		13.8	13.8	6.9			34.5	711
15-17	.1	12.0		2.3		14.2	14.6	4.8			33.6	711
18-20	.4	11.4		2.0		13.4	15.8	2.7			31.8	711
21-23	.2	12.4		3.2		15.6	14.3	1.3			31.2	474
ALL HOURS	.2	11.7		1.7		13.5	16.3	4.4	.0		34.3	4029

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS (LST)	TSMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08	.3	11.1	.9	.5		12.5	19.4	3.9			35.7	795
09-11		9.6	.9	1.5		11.9	13.7	4.5			30.2	795
12-14	.4	9.9	.4	.9		11.2	10.1	4.4			25.7	795
15-17	.6	8.8		.9		9.7	8.9	4.5			23.1	795
18-20	1.1	11.9		.6		12.6	12.3	4.0			28.9	795
21-23	1.1	11.3	.2	.4		11.9	13.4	2.5			27.7	530
ALL HOURS	.6	10.4	.4	.8		11.6	12.9	4.1			28.6	4505

MONTH: APR

00-02												0
03-05												0
06-08	.1	6.8		.4		7.2	20.7	4.0			31.9	774
09-11	.1	6.6				6.6	10.9	5.3			22.7	774
12-14	.4	5.8				5.8	7.1	5.8			18.7	774
15-17	.6	5.9		.1		6.1	5.8	5.5			17.4	775
18-20	.8	7.1		.5		7.6	7.0	4.0			18.6	774
21-23	1.6	8.8		.4		9.1	9.1	2.7			21.0	514
ALL HOURS	.5	6.7		.2		7.0	10.1	4.7			21.8	4385

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	RAIL	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	7.2				7.2	24.0	11.2			42.4	783
09-11	.1	6.0				6.0	12.3	13.5			31.8	783
12-14	.3	6.5				6.5	6.0	14.3		.1	26.9	783
15-17	1.8	7.2			.1	7.3	4.5	13.5			25.3	783
18-20	3.8	8.8				8.8	6.6	12.1			27.6	783
21-23	3.6	9.4				9.4	8.0	7.9			25.3	522
ALL HOURS	1.5	7.4			.0	7.4	10.4	12.4		.0	30.2	4437

MONTH: JUN

00-02												0
03-05												0
06-08	.1	3.4				3.4	17.2	22.0			42.6	773
09-11		1.9				1.9	3.3	25.9			31.2	783
12-14	.9	2.4				2.4	1.0	26.7			30.1	783
15-17	4.4	4.9			.1	5.0	2.1	26.2			33.3	778
18-20	5.3	6.8				6.8	7.0	22.5			36.3	768
21-23	5.0	6.8				6.8	9.8	18.2			34.9	499
ALL HOURS	2.5	4.2			.0	4.2	6.5	24.0			34.7	4384

A - 2 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS (LST)	TSMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08	.1	3.4				3.4	22.1	34.2			59.8	783
09-11		3.2				3.2	5.7	37.5			46.3	792
12-14	1.6	4.2				4.2	3.0	37.6			44.9	789
15-17	4.6	5.9				5.9	3.9	38.3			48.2	785
18-20	5.1	5.0				5.0	6.4	32.8			44.3	777
21-23	6.0	5.8				5.8	10.2	27.5			43.4	502
ALL HOURS	2.7	4.5				4.5	8.4	35.1			48.1	4428

MONTH: AUG

00-02												0
03-05												0
06-08	1.0	4.1				4.1	29.7	28.0			61.8	799
09-11	.1	5.4				5.4	9.6	30.0			44.9	801
12-14	1.2	5.7				5.7	4.9	33.8			44.4	801
15-17	3.6	6.0				6.0	5.0	34.9			45.9	800
18-20	5.4	7.1				7.1	6.6	32.1			45.9	798
21-23	4.1	7.5				7.5	10.9	25.2			43.6	532
ALL HOURS	2.5	5.9				5.9	11.1	31.0			48.0	4531

A - 2 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT BUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08	.1	6.7				6.7	30.3	16.8			53.8	756
09-11		4.9				4.9	9.5	23.4			37.8	756
12-14	.3	5.3				5.3	4.9	22.4			32.5	756
15-17	.8	5.7				5.7	4.9	23.8			34.4	756
18-20	.7	6.8				6.8	8.9	21.4			37.0	754
21-23		5.0				5.0	12.9	16.7			34.7	502
ALL HOURS	.3	5.8				5.8	11.8	21.0			38.6	4280

MONTH: OCT

00-02												0
03-05												0
06-08		7.9				7.9	25.6	8.5			42.0	786
09-11		5.6				5.6	10.4	12.5			28.5	786
12-14	.1	6.5				6.5	6.4	11.1			23.9	786
15-17	.1	5.7				5.7	6.9	11.0			23.6	784
18-20	.6	5.8				5.8	7.8	10.5			24.1	781
21-23	.4	5.4				5.4	11.0	8.8			25.2	520
ALL HOURS	.2	6.2				6.2	11.4	10.5			28.0	4443

A - 2 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS (LST)	TSMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08	.1	7.5				7.5	23.1	4.0			34.6	732
09-11	.5	6.4				6.4	14.5	7.7			28.6	732
12-14		6.7				6.7	8.6	8.9			24.2	732
15-17		5.9		.1		6.0	5.9	7.0			18.9	730
18-20		6.7				6.7	7.3	4.8			18.8	729
21-23		5.8				5.8	9.1	4.1			18.9	486
ALL HOURS	.1	6.5		.0		6.6	11.5	6.2			24.3	4141

MONTH: DEC

00-02												0
03-05												0
06-08		10.6		.9		11.5	18.7	3.6			33.8	775
09-11	.1	9.5		2.1		11.6	15.3	5.7			32.6	777
12-14		7.9		2.1		10.0	10.2	6.9			27.1	772
15-17		8.0	.1	1.4		9.6	10.1	7.0			26.6	762
18-20	.1	5.5	.1	.4		6.1	8.7	3.7			18.5	709
21-23		5.5		.6		6.2	10.2	2.8			19.1	470
ALL HOURS	.0	8.0	.0	1.3		9.4	12.4	5.1			26.9	4265

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723067

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN		8.5	.3	2.1		11.0	15.1	4.5	.1		30.6	4380
FEB	.2	11.7		1.7		13.5	16.3	4.4	.0		34.3	4029
MAR	.6	10.4	.4	.8		11.6	12.9	4.1			28.6	4505
APR	.5	6.7		.2		7.0	10.1	4.7			21.8	4385
MAY	1.5	7.4			.0	7.4	10.4	12.4		.0	30.2	4437
JUN	2.5	4.2			.0	4.2	6.5	24.0			34.7	4384
JUL	2.7	4.5				4.5	8.4	35.1			48.1	4428
AUG	2.5	5.9				5.9	11.1	31.0			48.0	4531
SEP	.3	5.8				5.8	11.8	21.0			38.6	4280
OCT	.2	6.2				6.2	11.4	10.5			28.0	4443
NOV	.1	6.5		.0		6.6	11.5	6.2			24.3	4141
DEC	.0	8.0	.0	1.3		9.4	12.4	5.1			26.9	4265
ANNUAL	.9	7.1	.1	.5	.0	7.7	11.5	13.7	.0	.0	32.9	52208

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 6011-9109
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	.8	33.8	3.0	11.3		39.4	37.0	23.6	1.8		54.3	829
FEB	2.2	37.0	1.6	11.9	.3	42.1	37.3	24.7	.8		53.1	765
MAR	5.7	39.0	.7	5.3	.1	40.7	36.3	25.3	.1		53.6	853
APR	8.1	39.1	.1	1.2	.5	39.4	32.5	25.5			53.9	827
MAY	15.8	42.1			.9	42.1	41.7	41.8			66.2	808
JUN	19.9	36.1			.5	36.1	42.4	55.0			72.1	795
JUL	26.8	41.9			.3	41.9	45.8	63.0			78.4	800
AUG	22.4	38.1			.2	38.1	47.9	60.6			77.0	817
SEP	7.3	30.7				30.7	48.4	52.5			68.5	769
OCT	3.6	29.9				29.9	46.1	38.1			61.3	777
NOV	1.6	30.6		1.3		30.7	37.2	27.6			52.0	756
DEC	1.1	34.3	.8	6.1		36.2	35.0	22.6	.4		51.2	791
ANNUAL	9.7	36.1	.5	3.1	.2	37.4	40.6	38.3	.3		61.8	9587

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02												
03-05												
06-08			.3	.1	.3	.1	.1	1.0	.1		.1	
09-11				.1	.1			.1			.5	.1
12-14		.3	.4	.4	.3	.9	1.6	1.2	.3	.1		
15-17		.1	.6	.6	1.8	4.4	4.6	3.6	.8	.1		
18-20		.4	1.1	.8	3.8	5.3	5.1	5.4	.7	.6		.1
21-23		.2	1.1	1.6	3.6	5.0	6.0	4.1		.4		
ALL HOURS		.2	.6	.5	1.5	2.5	2.7	2.5	.3	.2	.1	.0
TOTAL OBS	4380	4029	4505	4305	4437	4384	4428	4531	4280	4443	4141	4265

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

PHENOMENA	CALM	VARIABLE	270 - 009	010 - 069	070 - 129	130 - 209	210 - 269	NO OF OBS
TSTMS								
LIQUID PRECIP	13.9		27.3	28.7	14.7	8.6	6.7	373
FREEZING PRECIP			40.0	33.3	13.3	13.3		15
FROZEN PRECIP	12.6		36.8	27.4	5.3	12.6	5.3	95
FOG	24.2		30.1	19.3	8.8	12.2	5.4	662
FOG WITH VIS GE 1/2 MILES	22.5		29.3	20.7	9.2	13.0	5.2	617
TOTAL OBS	665	0	1130	525	244	445	409	3418

MONTH: FEB HOURS: ALL

TSTMS	14.3		28.6		28.6	14.3	14.3	7
LIQUID PRECIP	11.2		21.7	33.5	10.7	14.9	8.0	475
FREEZING PRECIP								
FROZEN PRECIP	6.8		29.7	43.2	8.1	5.4	6.8	74
FOG	20.0		22.6	29.1	8.8	12.5	7.0	656
FOG WITH VIS GE 1/2 MILES	17.7		23.1	30.7	8.6	12.5	7.5	616
TOTAL OBS	531	0	956	504	326	522	400	3239

A - 5 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

PHENOMENA	CALM	VARIABLE	270 - 009	010 - 069	070 - 129	130 - 209	210 - 269	NO OF OBS
TSDMS	4.0		16.0	16.0	20.0	32.0	12.0	25
LIQUID PRECIP	8.7		17.4	35.1	21.9	12.1	4.7	447
FREZING PRECIP			5.6	94.4				18
FROZEN PRECIP			21.6	75.7	2.7			37
FOG	15.8		20.1	30.2	18.7	10.6	4.6	583
FOG WITH VIS GE 1/2 MILES	14.2		20.8	31.1	19.0	10.2	4.7	557
TOTAL OBS	455	0	1079	587	511	684	439	3755

MONTH: APR HOURS: ALL

TSDMS	8.3		4.2	4.2	33.3	25.0	25.0	24
LIQUID PRECIP	9.8		23.2	26.8	14.1	18.5	7.6	276
FREZING PRECIP								
FROZEN PRECIP	40.0		40.0	20.0				10
FOG	23.6		18.7	24.5	14.6	15.3	3.2	444
FOG WITH VIS GE 1/2 MILES	23.2		18.7	24.9	14.0	15.9	3.3	422
TOTAL OBS	407	0	1104	406	578	688	439	3622

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

PHENOMENA	CALM	VARIABLE	270 - 009	010 - 069	070 - 129	130 - 209	210 - 269	NO OF OBS
TSTMS	10.1		27.5	11.6	5.8	34.8	10.1	69
LIQUID PRECIP	7.9		17.5	28.2	14.6	21.1	10.7	280
FREEZING PRECIP								
FROZEN PRECIP								
FOG	19.8		12.8	22.6	14.1	23.5	7.2	460
FOG WITH VIS GE 1/2 MILES	19.3		13.0	22.9	14.3	23.3	7.3	455
TOTAL OBS	458	0	846	374	509	896	537	3620

MONTH: JUN HOURS: ALL

TSTMS	11.9		25.7	10.1	11.0	31.2	10.1	109
LIQUID PRECIP	8.8		14.0	23.7	19.3	21.1	13.2	114
FREEZING PRECIP								
FROZEN PRECIP								
FOG	22.6		12.2	18.8	11.1	20.6	14.6	287
FOG WITH VIS GE 1/2 MILES	22.7		12.2	18.9	11.2	20.6	14.3	286
TOTAL OBS	411	0	768	370	511	873	719	3652

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

PHENOMENA	CALM	VARIABLE	270 - 009	010 - 069	070 - 129	130 - 209	210 - 269	NO OF OBS
TSDMS	10.8		17.5	6.7	20.0	23.3	21.7	120
LIQUID PRECIP	21.4		13.7	22.1	15.3	13.0	14.5	131
FREEZING PRECIP								
FROZEN PRECIP								
FOG	34.8		14.7	10.3	7.6	9.2	23.4	368
FOG WITH VIS GE 1/2 MILES	34.8		14.7	10.3	7.6	9.2	23.4	368
TOTAL OBS	523	0	847	306	329	757	782	3544

MONTH: AUG HOURS: ALL

TSDMS	13.3		13.3	13.3	15.0	25.7	19.5	113
LIQUID PRECIP	16.2		17.6	30.9	18.6	5.4	11.3	204
FREEZING PRECIP								
FROZEN PRECIP								
FOG	31.0		23.5	19.0	10.0	6.3	10.2	490
FOG WITH VIS GE 1/2 MILES	31.0		23.4	19.1	10.1	6.4	10.1	487
TOTAL OBS	632	0	782	526	512	680	674	3806

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

PHENOMENA	CALM	VARIABLE	270 - 009	010 - 069	070 - 129	130 - 209	210 - 269	NO OF OBS
TSTMS	42.9		14.3			28.6	14.3	14
LIQUID PRECIP	15.6		20.7	38.0	10.1	8.0	7.6	237
FREEZING PRECIP								
FROZEN PRECIP								
FOG	37.5		18.8	20.8	9.4	6.8	6.6	499
FOG WITH VIS GE 1/2 MILES	36.9		18.6	21.3	9.4	7.0	6.8	488
TOTAL OBS	702	0	619	679		499	479	3430

MONTH: OCT HOURS: ALL

TSTMS	11.1		33.3			33.3	22.2	9
LIQUID PRECIP	9.2		15.4	36.3	21.2	11.4	6.6	273
FREEZING PRECIP								
FROZEN PRECIP								
FOG	28.0		16.7	21.8	15.5	11.9	6.2	504
FOG WITH VIS GE 1/2 MILES	26.2		17.4	22.7	15.7	12.0	6.0	484
TOTAL OBS	704	0	914	575	402	639	376	3610

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

PHENOMENA	CALM	VARIABLE	270 - 009	010 - 069	070 - 129	130 - 209	210 - 269	NO OF OBS
TSTMS			40.0			20.0	40.0	5
LIQUID PRECIP	5.5		22.5	27.3	21.4	19.2	4.1	271
FREEZING PRECIP								
FROZEN PRECIP				100.0				1
FOG	35.9		17.2	15.1	8.0	17.4	6.3	476
FOG WITH VIS GE 1/2 MILES	31.2		18.7	16.6	8.3	18.5	6.7	433
TOTAL OBS	679	0	802	395	269	605	403	3153

MONTH: DEC HOURS: ALL

TSTMS			100.0					2
LIQUID PRECIP	13.9		24.9	22.6	18.8	11.0	8.7	345
FREEZING PRECIP			50.0	50.0				2
FROZEN PRECIP	4.9		23.0	68.9	3.3			61
FOG	26.0		23.0	16.8	11.3	15.3	7.5	530
FOG WITH VIS GE 1/2 MILES	24.0		24.4	17.6	11.8	15.2	7.0	500
TOTAL OBS	567	0	909	445	217	450	505	3093

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

PHENOMENA	CALM	VARIABLE	270 - 009	010 - 069	070 - 129	130 - 209	210 - 269	NO OF OBS
TSTMS	11.9		19.9	9.5	14.5	27.8	16.5	497
LIQUID PRECIP	11.4		20.5	30.2	16.6	13.4	7.9	3426
FREEZING PRECIP			22.9	65.7	5.7	5.7		35
FROZEN PRECIP	8.6		29.9	47.1	5.0	5.8	3.6	278
FOG	26.2		20.0	21.3	11.5	13.1	7.9	5959
FOG WITH VIS GE 1/2 MILES	24.8		20.3	22.0	11.7	13.3	7.9	5713
TOTAL OBS	6734	0	10756	5692	4860	7738	6162	41942

A - 5 - 7

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

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: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 6011-9109
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	53.6	52.5	53.0	55.0	51.4	55.6	49.6	55.1	65.2	64.4	61.2	57.5	56.1
TRACE	10.5	10.7	11.6	12.7	13.2	9.0	10.3	12.6	8.0	10.5	10.6	10.2	10.9
.01	2.3	2.2	2.0	2.9	1.1	2.7	2.4	2.0	2.1	1.9	2.3	1.8	2.1
.02-.05	6.2	5.1	5.2	6.6	7.3	5.7	6.3	5.2	3.6	3.5	5.3	4.7	5.4
.06-.10	3.0	4.8	3.5	3.5	4.1	4.1	5.1	2.5	2.3	3.6	2.7	3.4	3.5
.11-.25	8.2	7.5	6.3	6.5	7.9	6.2	6.7	6.4	5.0	4.6	4.7	6.4	6.4
.26-.50	8.4	6.3	8.8	5.1	5.5	6.5	6.5	5.5	4.1	4.8	5.5	6.4	6.1
.51-1.00	5.1	8.4	5.9	4.7	6.0	6.1	7.5	5.9	3.6	4.0	4.8	6.8	5.7
1.01-2.50	2.7	2.4	3.6	3.0	3.1	3.6	5.2	4.6	4.9	2.7	2.8	2.6	3.4
2.51-5.00	.1	.1	.1		.6	.5	.4	.2	1.0	.1	.1		.3
5.01-10.00							.1		.1				.0
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	35.9	36.7	35.4	32.4	35.4	35.4	40.1	32.3	26.8	25.1	28.2	32.2	33.0
TOTAL NO. OF OBSERVATIONS	829	765	853	828	839	825	831	848	799	808	786	822	9833

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 6011-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60											.83	2.16	2.99*
61	2.53	5.85	4.69	2.42	6.59	4.70	3.79	4.57	2.18	5.30	1.92	4.94	49.48
62	4.41	2.57	4.51	3.23	2.62	7.20	8.74	1.65	3.61	.78	4.78	3.08	47.18
63	2.58	2.76	3.38	.86	4.39	9.51	2.21	1.99	3.81	.61	4.22	2.66	38.98
64	3.61	5.21	1.83	2.75	1.34	1.19	6.90	2.75	6.61	4.46	1.63	4.10	42.38
65	2.00	1.50	3.46	2.35	.29	4.67	4.52	1.07	.80	1.35	.23	.58	22.82
66	4.20	3.46	1.58	2.95	7.47	4.08	3.04	2.58	4.17	.98	1.21	2.57	38.29
67	2.42	4.37	2.18	1.58	3.10	2.97	5.59	7.69	2.61	1.16	1.99	5.77	41.43
68	2.76	1.01	3.22	3.16	2.38	3.66	3.02	2.60	2.35	2.07	3.06	3.14	32.43
69	2.45	2.70	3.93	2.21	.55	5.76	12.39	6.54	4.15	1.56	2.22	4.37	48.83
70	1.47	3.30	4.03	3.58	4.74	3.55	7.82	1.86	3.82	1.82	3.53	2.55	42.07
71	2.82	4.31	3.12	2.03	7.15	2.98	6.70	4.71	6.42	9.16	3.06	2.33	54.79
72	2.57	4.92	3.04	3.41	6.88	5.50	4.94	3.17	11.64	5.87	4.08	4.22	60.24
73	2.69	3.92	5.82	4.26	3.79	4.06	3.61	6.91	1.79	3.27	1.68	5.69	47.49
74	3.58	4.06	3.85	2.70	2.83	4.18	3.46	6.89	5.01	.67	.87	3.03	41.13
75	5.35	3.90	7.43	3.33	3.12	2.10	10.71	4.40	12.19	3.23	2.16	3.37	61.29
76	3.67	1.93	2.93	.51	2.72	2.46	2.63	1.79	7.11	5.23	1.79	3.15	35.92
77	3.43	1.93	3.57	1.92	3.95	3.07	3.06	6.17	1.48	5.07	4.76	3.39	41.80
78	5.18	1.17	5.62	3.58	5.76	3.63	4.26	6.35	1.86	.27	5.46	3.68	46.82
79	6.75	4.02	4.28	4.74	7.55	6.37*	4.22*	4.63*	11.43*	1.73*	6.24*	1.37*	63.33*
80	4.36*	1.96*	4.12*	3.73*	2.49*	.57*	2.70*	1.32*	1.32*	4.38*	1.95*	1.65*	30.55*
81	.60*	2.78*	2.17*	2.75*	4.22*	5.81*	4.83*	4.58*	5.33*	3.36*	1.15*	5.38*	42.96*
82	4.04*	2.62*	5.12*	2.14*	2.80*	4.21*	3.13*	8.88*	1.88*	3.28*	4.25*	3.87*	46.22*
83	1.31*	4.62*	4.52*	5.62*	3.28*	3.61*	1.01*	1.25*	4.16*	4.08*	4.49*	4.74*	42.69*
84	3.62*	3.00*	5.76*	4.03*	5.21*	2.77*	6.20*	1.51*	1.12*	1.42*	1.00*	1.94*	37.58*
85	3.57*	3.59*	2.37*	.51*	3.61*	3.76*	12.77*	2.15*	8.01*	2.28*	3.85*	1.09*	47.56*
86	3.24*	2.84*	1.11*	.75*	1.42*	1.52*	4.02*	8.40*	.69*	1.74*	1.45*	5.92*	33.10*
87	8.29*	2.48*	3.53*	3.83*	2.21*	8.53*	1.76*	2.88*	4.11*	1.56*	3.34*	3.57*	46.09*
88	2.66*	3.94*	4.17*	3.13*	9.77*	2.93*	4.20*	6.28*	3.08*	2.77*	4.10*	.65*	47.68*
89	2.29*	6.73*	7.13*	5.64*	4.31*	5.48*	3.36*	6.57*	4.75*	3.23*	3.85*	2.60*	55.94*
90	2.66*	3.56*	3.03*	2.90*	5.05*	2.48*	5.57*	5.85*	2.17*	2.39*	1.53*	2.89*	40.08*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723087

STATION NAME: PORT EUSTIS/FELKER AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 6011-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
91	4.92*	1.10*	4.69*	3.26*	1.10*	2.19*	9.45*	7.18*	2.84*				36.73*
LEAST	1.47	1.01	1.58	.51	.29	1.19	2.21	1.07	.80	.27	.23	.58	22.82
GREATEST	8.29	6.73	7.43	5.64	9.77	9.51	12.77	8.88	12.19	9.16	6.24	5.92	63.33
MEAN	3.39	3.31	3.81	2.71	4.06	4.18	5.41	4.09	4.53	2.94	2.60	3.41	44.08
MEDIAN	2.82	3.46	3.57	2.75	3.79	3.86	4.39	3.79	3.82	1.95	2.16	3.15	42.23
SD	1.311	1.390	1.416	1.068	2.300	1.935	2.915	2.193	3.236	2.437	1.509	1.256	9.375
TOTAL OBS	829	765	853	828	839	825	831	848	799	808	786	822	9833

THE GREATEST VALUE OF 12.77 OCCURRED ON 07/85

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: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 6011-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60											.29	1.31	1.31*
61	.74	2.14	1.08	.98	2.12	1.20	1.84	1.87	1.39	2.43	.94	1.20	2.43
62	1.84	.94	1.31	1.05	.62	1.46	1.75	.67	1.67	.56	1.63	1.07	1.84
63	.54	.76	.94	.31	2.33	4.87	1.03	.69	2.71	.31	1.40	.84	4.87
64	.81	1.24	.46	1.01	.63	.45	1.80	.96	2.70	1.29	.77	1.06	2.70
65	.66	.42	1.25	.60	.14	2.03	1.57	.54	.28	1.22	.19	.58	2.03
66	1.10	.84	.57	1.13	2.64	.93	2.48	.86	1.36	.58	.42	.86	2.64
67	.65	1.18	.63	.69	1.66	1.00	1.68	2.33	1.28	.52	.62	1.33	2.33
68	1.19	.60	1.04	1.58	.88	.96	.72	.93	1.28	1.39	.79	1.26	1.58
69	1.19	.76	1.27	1.01	.19	1.98	4.16	1.61	1.43	1.22	1.04	1.09	4.16
70	.46	1.22	.82	.95	3.55	1.18	2.71	.53	2.00	.44	1.72	.85	3.55
71	.90	1.2	.94	1.30	1.30	.80	1.36	1.96	2.79	2.47	1.22	1.23	2.79
72	.83	1.24	1.21	1.59	2.28	1.82	2.06	1.27	5.24	1.98	1.20	1.36	5.24
73	1.13	1.79	1.58	.97	.82	1.04	1.30	2.49	1.50	2.70	1.21	1.52	2.70
74	.68	.95	1.01	1.13	.85	1.75	1.32	1.66	1.80	.48	.24	.91	1.80
75	1.66	.87	1.53	2.01	.57	.94	2.92	1.94	3.13	.82	1.64	.98	3.13
76	1.97	1.30	1.40	.49	.72	1.25	.84	.84	1.81	1.81	.58	.82	1.97
77	1.09	.80	.96	.67	1.22	1.64	.91	2.04	.66	1.52	1.90	.75	2.04
78	1.35	.60	1.32	1.53	1.25	1.07	2.00	1.71	1.49	.16	1.23	.97	2.00
79	2.23	1.18	1.91	1.44	1.34	4.63*	1.52*	1.84*	4.81*	.44*	3.52*	.50*	4.81*
80	.97*	.59*	1.15*	1.03*	1.18*	.40*	.86*	.60*	.53*	2.05*	.93*	.55*	2.05*
81	.32*	.72*	.90*	.68*	2.63*	3.35*	1.87*	1.13*	2.47*	1.70*	.43*	2.01*	3.35*
82	2.05*	.70*	1.35*	.69*	1.44*	1.12*	1.01*	3.89*	1.05*	1.64*	2.30*	1.95*	3.89*
83	.34*	1.79*	1.66*	2.44*	1.02*	.87*	.78*	.35*	1.46*	1.15*	1.90*	.93*	2.44*
84	1.10*	.88*	1.31*	1.60*	2.22*	1.22*	1.74*	.50*	.34*	.65*	.54*	1.06*	2.22*
85	1.40*	1.11*	.73*	.23*	1.14*	1.08*	6.59*	1.34*	4.86*	.97*	1.20*	.80*	6.59*
86	1.57*	.64*	.40*	.20*	.65*	1.28*	1.31*	1.84*	.53*	.87*	.44*	2.16*	2.16*
87	4.16*	1.37*	1.11*	1.05*	.95*	1.75*	.68*	.82*	1.56*	.53*	1.76*	1.14*	4.16*
88	1.21*	1.12*	2.55*	.71*	4.30*	1.18*	2.29*	2.35*	1.85*	1.07*	1.83*	.36*	4.30*
89	.66*	2.67*	2.01*	1.37*	1.49*	.90*	1.55*	2.48*	1.29*	1.27*	1.36*	1.05*	2.67*
90	1.02*	1.35*	1.17*	.79*	2.42*	1.56*	1.73*	1.84*	1.03*	.95*	.57*	.73*	2.42*

OPERATING LOCATION 'A'
USAFETAC, ASEEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 6011-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
91	1.05*	.43*	1.36*	2.30*	.65*	1.00*	2.39*	2.68*	.77*				2.68*
.....													
GREATEST	4.16	2.67	2.55	2.44	4.30	4.87	6.59	3.89	5.24	2.70	3.52	2.16	6.59
.....													
TOTAL OBS	829	765	853	828	839	825	831	848	799	808	786	822	9833
.....													

THE GREATEST VALUE OF 6.59 OCCURRED ON 07/23/85

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: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 6011-9109
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	87.2	87.1	94.2	99.0	100.0	100.0	100.0	100.0	100.0	100.0	98.7	93.8	96.7
TRACE	6.3	6.9	4.1	.7							1.1	3.6	1.9
0.1-0.4	1.6	1.2	.2								.1	1.1	.3
0.5-1.4	1.9	2.7	.2	.2								.5	.5
1.5-2.4	1.2	.4	.6									.5	.2
2.5-3.4	.6	.5	.4									.4	.2
3.5-4.4	.5	.4										.1	.1
4.5-6.4	.4	.5	.1										.1
6.5-10.4	.4	.3	.1										.1
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	6.5	6.0	1.6	.2							.1	2.6	1.4
TOTAL NO. OF OBSERVATIONS	829	765	852	828	839	825	831	848	799	808	786	822	9832

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 6011-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60											.0	TRACE	TRACE*
61	5.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	7.4
62	10.9	2.1	5.1	.0	.0	.0	.0	.0	.0	.0	TRACE	4.4	22.5
63	1.6	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	7.0
64	1.6	6.4	2.0	TRACE	.0	.0	.0	.0	.0	.0	.4	.0	10.4
65	13.8	9.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	23.7
66	17.3	1.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.5	20.9
67	4.3	8.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.1	14.4
68	.5	.3	2.3	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1	6.2
69	TRACE	TRACE	7.4	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	7.4
70	2.4	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.2
71	TRACE	2.0	7.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4
72	.0	.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	.4
73	2.8	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.8
74	.0	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.4
75	1.5	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.5
76	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.3	1.3
77	7.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	7.6
78	1.0	8.4	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.5
79	.4	7.4	TRACE	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0*	7.8*
80	7.6*	9.4*	6.1*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.2*	23.3*
81	TRACE*	.0*	.4*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	2.5*	2.9*
82	2.4*	.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	1.0*	3.4*
83	.0*	7.6*	.0*	2.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	9.6*
84	TRACE*	.5*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	.5*
85	5.5*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	1.6*	7.1*
86	13.4*	4.5*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	17.9*
87	3.3*	7.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	TRACE*	10.3*
88	3.9*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	1.5*	5.4*
89	.0*	5.0*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	4.3*	9.3*
90	.0*	TRACE*	.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	TRACE*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 6011-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
91	.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*				TRACE*
LEAST	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
GREATEST	17.3	9.9	7.4	2.0	.0	.0	.0	.0	.0	.0	.4	4.4	23.7
MEAN	3.7	3.0	1.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.7	9.0
MEDIAN	1.6	1.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	7.4
SD	5.105	3.387	2.509	.000	.000	.000	.000	.000	.000	.000	.092	1.321	7.246
TOTAL OBS	829	765	852	828	839	825	831	848	799	808	786	822	9832

THE GREATEST VALUE OF 17.3 OCCURRED ON 01/66

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

B - 3 - 2B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 6011-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60											.0	TRACE	TRACE*
61	4.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.0
62	7.0	2.1	3.2	.0	.0	.0	.0	.0	.0	.0	TRACE	3.9	7.0
63	1.1	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.3
64	1.6	2.7	1.9	TRACE	.0	.0	.0	.0	.0	.0	.4	.0	2.7
65	6.6	9.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	9.6
66	7.3	.6	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.9	7.3
67	4.3	7.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.1	7.0
68	.3	.3	2.3	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1	3.1
69	TRACE	TRACE	2.9	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.9
70	1.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.4
71	TRACE	2.0	7.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4
72	.0	.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	.4
73	2.3	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.9	2.3
74	.0	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.4
75	1.5	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5
76	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	1.0
77	2.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	2.6
78	1.0	6.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
79	.4	5.5	TRACE	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0*	5.5*
80	6.4*	5.0*	6.1*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.2*	6.4*
81	TRACE*	.0*	.4*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	2.5*	2.5*
82	2.3*	.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	1.0*	2.3*
83	.0*	4.3*	.0*	1.4*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	4.3*
84	TRACE*	.5*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	.5*
85	2.3*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	1.5*	2.3*
86	6.0*	4.0*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	6.0*
87	3.0*	6.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	TRACE*	6.0*
88	3.6*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	1.5*	3.6*
89	.0*	3.0*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	3.4*	3.4*
90	.0*	TRACE*	.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	TRACE*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 6011-9109
MONTH: ALL HOURS: ALL

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 6011-9109
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	85.9	87.8	96.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	99.9	94.4	97.1
TRACE	4.0	3.3	1.5	.1							.1	3.6	1.0
1	4.1	2.5	.6									1.1	.7
2	2.2	2.5	.2									.4	.4
3	1.3	.8	.5									.5	.3
4-6	1.8	2.2	.2										.3
7-12	.5	.9	.2										.1
13-24	.2												.0
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	10.1	8.9	1.8									1.9	1.9
TOTAL NO. OF OBSERVATIONS	829	765	853	828	839	825	831	848	799	808	786	822	9833

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 6011-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60											0	TRACE	TRACE*
61	4	2	0	0	0	0	0	0	0	0	0	0	4
62	7	2	3	0	0	0	0	0	0	0	0	3	7
63	1	4	TRACE	0	0	0	0	0	0	0	0	0	4
64	1	2	0	0	0	0	0	0	0	0	0	0	2
65	7	7	0	0	0	0	0	0	0	0	0	0	7
66	13	12	0	0	0	0	0	0	0	0	0	1	13
67	4	8	0	0	0	0	0	0	0	0	0	2	8
68	0	0	3	0	0	0	0	0	0	0	0	3	3
69	0	0	3	0	0	0	0	0	0	0	0	0	3
70	1	1	0	0	0	0	0	0	0	0	0	0	1
71	TRACE	1	6	0	0	0	0	0	0	0	0	0	6
72	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
73	4	0	0	0	0	0	0	0	0	0	0	TRACE	4
74	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
75	2	0	TRACE	0	0	0	0	0	0	0	0	0	2
76	0	TRACE	0	0	0	0	0	0	0	0	0	TRACE	TRACE
77	5	0	0	0	0	0	0	0	0	0	0	0	5
78	TRACE	6	1	0	0	0	0	0	0	0	0	0	6
79	0	6	0	0	0	0*	0*	0*	0*	0*	0*	0*	6*
80	6*	5*	12*	0*	0*	0*	0*	0*	0*	0*	0*	0*	12*
81	0*	0*	1*	0*	0*	0*	0*	0*	0*	0*	0*	TRACE*	1*
82	5*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	1*	5*
83	0*	3*	0*	TRACE*	0*	0*	0*	0*	0*	0*	0*	0*	3*
84	0*	0*	TRACE*	0*	0*	0*	0*	0*	0*	0*	0*	0*	TRACE*
85	4*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	TRACE*	4*
86	5*	5*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	5*
87	3*	6*	TRACE*	0*	0*	0*	0*	0*	0*	0*	TRACE*	0*	6*
88	4*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	TRACE*	4*
89	0*	3*	TRACE*	0*	0*	0*	0*	0*	0*	0*	0*	3*	3*
90	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*

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

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 6011-9109
MONTH: ALL HOURS: ALL

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

GREATEST	13*	12*	12*	TRACE*	0*	0*	0*	0*	0*	0*	TRACE*	3*	13*
TOTAL OBS	829	765	853	828	839	825	831	848	799	808	786	822	9833

THE GREATEST VALUE OF 13 OCCURRED ON 01/30/66

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: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA

PERIOD OF RECORD: 6011-9109

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
60 - 61	DEC 12	JAN 21	JAN 22	FEB 08	FEB 08	FEB 03
61 - 62	NOV 19	JAN 01	JAN 02	MAR 07	MAR 07	MAR 07
62 - 63	NOV 05	DEC 11	DEC 21	FEB 27	FEB 26	FEB 28
63 - 64	DEC 11	JAN 12	JAN 13	APR 01	MAR 30	FEB 29
64 - 65	NOV 30	NOV 30	JAN 16	MAR 20	FEB 15	FEB 17
65 - 66	DEC 21	JAN 15	JAN 16	MAR 06	FEB 02	FEB 10
66 - 67	NOV 29	DEC 23	DEC 25	MAR 17	FEB 10	FEB 11
67 - 68	NOV 30	DEC 23	DEC 23	MAR 13	MAR 01	MAR 01
68 - 69	NOV 12	DEC 07	DEC 08	MAR 09	MAR 09	MAR 10
69 - 70	DEC 01	JAN 07	JAN 07	FEB 25	FEB 25	FEB 04
70 - 71	DEC 26	FEB 04	FEB 01	MAR 27	MAR 26	MAR 28
71 - 72	FEB 17	FEB 19		APR 08	FEB 19	
72 - 73	NOV 22	JAN 08	JAN 09	MAR 22	FEB 27	JAN 14
73 - 74	DEC 11	DEC 11		MAR 25	FEB 04	
74 - 75	DEC 09	JAN 20	JAN 21	MAR 03	MAR 02	JAN 21
75 - 76	DEC 21			FEB 03		
76 - 77	NOV 08	DEC 08	JAN 05	FEB 18	JAN 24	JAN 25
77 - 78	NOV 26	JAN 09	FEB 03	MAR 07	MAR 03	MAR 03
78 - 79	JAN 06	JAN 31	FEB 07	MAR 15	FEB 20	FEB 21
79 - 80	JAN 04	JAN 07	JAN 07	MAR 03	MAR 03	MAR 05
80 - 81	DEC 29	DEC 29	MAR 19	MAR 20	MAR 19	MAR 19
81 - 82	DEC 18	DEC 18	JAN 15	MAR 15	JAN 15	JAN 20
82 - 83	DEC 13	DEC 13	DEC 13	APR 19	APR 19	FEB 11
83 - 84	JAN 19	FEB 06		MAR 07	FEB 06	
84 - 85	DEC 05	JAN 10	JAN 11	JAN 28	JAN 28	JAN 29
85 - 86	DEC 20	DEC 20	JAN 28	APR 23	FEB 15	FEB 15

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA

PERIOD OF RECORD: 6011-9109

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	JAN 22	JAN 22	JAN 26	MAR 19	FEB 18	FEB 20
87 - 88	NOV 12	JAN 07	JAN 08	MAR 21	JAN 08	JAN 15
88 - 89	DEC 09	DEC 09	FEB 21	APR 11	FEB 27	FEB 28
89 - 90	DEC 08	DEC 08	DEC 08	APR 04	DEC 20	DEC 11
90 - 91	DEC 27			FEB 27		

MEDIAN-DATE	DEC 11	JAN 07	JAN 12	MAR 15	FEB 20	FEB 16

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

C - 1 - 1

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

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

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

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

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: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 6309-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
63									SSE 26	NE 32	W 42	E 40	W *42
64	W 54	WNW 51	SW 52	W 43	SSW 30	NNW 43	NNE 36	SSW 38	NNE 41	E 48	W 36	NNW 42	W 54
65	NNW 43	W 49	SW 35	SSW 37	NW 35	NNE 43	W 32	W 38	E 35	SE 36	NW 38	N 40	W 49
66	W 42	SW 48	WSW 39	W 40	NNE 38	ESE 39	NE 31	SW 30	SE 36	N 32	SW 46	WNW 45	SW 48
67	SW 48	W 43	NW 50	NW 37	W 55	NW 36	SW 34	NE 31	ENE 40	SW 37	N 37	N 37	W 55
68	E 40	W *28	W *30	NW 32	E 38	W 39	29/ 31	29/ 25	18/ 20	28/ 31	06/ 38	21/ 42	21/*42
69	03/ 33	33/ 34	02/ 31	22/ 27	20/ 26	35/ 45	34/ 35	02/ 34	34/ 24	22/ 29	30/ 40	35/ 35	35/ 45
70	31/ 41	36/ 35	34/ 35	27/ 46	31/ 26	25/ 53	18/ 43	09/ 29	27/ 48	32/ 32	25/ 40	11/ 46	25/ 53
71	27/ 49	21/ 46	22/ 43	36/ 38	28/ 29	17/ 28	30/ 34	01/ 34	07/ 32	09/ 34	02/ 31	32/ 43	27/ 49
72	31/*30	32/ 36	19/ 29	05/ 36	05/ 30	33/ 42	33/ 33	32/ 20	26/ 32	09/ 30	19/ 29	29/ 36	33/*42
73	17/ 24	02/ 30	27/ 39	27/ 31	30/ 32	19/ 30	31/ 31	25/ 23	18/ 25	15/ 31	21/ 35	25/ 39	27/ 39
74	31/ 36	19/ 51	27/ 41	24/ 34	29/ 38	11/ 33	27/ 40	20/ 29	34/ 28	33/ 29	29/ 34	11/ 39	19/ 51
75	23/ 47	19/ 32	30/ 40	27/ 49	34/ 32	02/ 29	34/ 27	27/ 29	24/ 26	34/ 29	25/ 32	30/ 30	27/ 49
76	26/*34	27/ 34	31/ 43	36/ 35	28/ 38	07/ 30	07/ 30	29/ 31	27/ 25	24/ 31	32/ 35	29/ 34	31/*43
77	28/ 41	28/ 34	28/ 36	22/ 37	30/ 36	29/ 55	01/ 32	04/ 40	09/ 22	31/ 28	24/ 32	22/ 34	29/ 55
78	24/ 54	29/ 34	20/ 34	06/ 50	23/ 34	32/ 38	02/ 20	14/ 28	02/ 23	04/ 24	33/ 22	32/ 32	24/ 54
79	23/ 36	31/ 25	32/ 32	28/ 39	27/ 42	29/*29	20/*24	34/*38	17/*34	27/*20	17/*20	35/*34	27/*42
80	31/*26	33/*25	29/*34	35/*31	24/*32	24/*23	23/*26	32/*27	21/*20	11/*24	29/*31	33/*26	29/*34
81	29/*27	11/*38	34/*39	32/*33	30/*36	28/*25	25/*34	03/*26	29/*29	02/*31	33/*28	22/*34	34/*39
82	25/*30	01/*28	05/*23	30/*43	36/*23	23/*36	34/*26	29/*29	06/*23	04/*38	18/*25	17/*30	30/*43
83	34/*27	05/*38	06/*31	16/*29	01/*27	21/*26	32/*32	32/*27	34/*26	27/*34	24/*21	25/*52	25/*52
84	32/*32	12/*39	23/*33	30/*28	26/*61	30/*30	31/*31	21/*22	02/*19	32/*19	23/*24	33/*19	26/*61
85	32/*30	15/*26	31/*31	21/*24	35/*22	02/*35	13/*46	23/*18	34/*44	10/*26	13/*44	31/*22	13/*46
86	01/*30	36/*24	24/*37	30/*36	25/*23	30/*42	34/*31	34/*29	24/*26	02/*23	33/*30	07/*30	30/*42
87	28/*43	32/*40	01/*34	07/*31	22/*22	27/*42	27/*20	36/*27	24/*24	34/*26	33/*26	34/*39	28/*43
88	30/*31	04/*40	27/*29	24/*33	25/*32	02/*24	24/*40	18/*26	19/*18	35/*22	28/*24	30/*39	04/*40
89	33/*32	32/*27	29/*34	21/*34	22/*27	27/*30	33/*20	31/*26	19/*26	31/*18	32/*34	23/*33	29/*34
90	27/*32	22/*27	32/*24	36/*29	31/*30	20/*32	33/*30	28/*27	27/*28	25/*37	34/*22	20/*25	25/*37
91	30/*21	25/*30	32/*28	32/*26	22/*23	33/*25	29/*33	36/*24	36/*24				29/*33

C - 2 - 1A

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 6309-9109
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GREATEST	W 54	WWW 51	SW 52	06/ 50	26/ 61	29/ 55	13/ 46	04/ 40	27/ 48	E 48	SW 46	25/ 52	26/ 61
TOTAL OBS	721	668	752	738	745	735	738	751	737	746	696	725	8752

THE PEAK WIND OF 61 FROM 26/ OCCURRED ON 05/08/84

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 6309-9109
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	.3	9.7	25.5	26.2	19.7	9.7	5.0	1.9	1.7	.3	.0	18.3	17.0	721
FEB	.0	5.2	25.6	25.9	21.7	10.5	6.9	2.5	1.3	.3	.0	19.4	18.0	668
MAR	.1	2.8	21.7	27.1	25.0	11.8	6.8	3.1	1.3	.3	.0	20.1	19.0	752
APR	.0	2.2	22.0	34.0	21.7	11.0	5.6	2.3	1.2	.1	.0	19.4	18.0	738
MAY	.4	3.9	31.7	32.3	21.6	5.2	3.1	1.3	.1	.3	.0	17.4	16.0	745
JUN	.1	7.2	34.0	32.1	15.1	5.9	2.6	1.8	1.0	.3	.0	16.9	16.0	735
JUL	.4	8.3	39.0	30.2	11.2	6.0	3.8	.5	.5	.0	.0	16.1	15.0	738
AUG	.1	10.1	41.3	29.7	12.0	4.8	1.3	.5	.1	.0	.0	15.3	14.0	751
SEP	.3	11.4	39.3	29.0	13.4	4.7	.8	.3	.7	.0	.0	15.3	14.0	737
OCT	.3	9.9	35.3	30.0	15.3	5.5	2.9	.7	.1	.0	.0	16.1	15.0	746
NOV	.4	6.8	33.8	25.7	18.0	8.9	4.3	1.3	.9	.0	.0	17.4	16.0	696
DEC	.7	8.4	30.8	25.1	18.5	9.1	4.0	1.9	1.4	.1	.0	17.7	16.0	725
ANNUAL	.3	7.2	31.7	29.0	17.7	7.7	3.9	1.5	.9	.1	.0	17.4	16.0	8752

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.7	10.7	2.3	.2								18.9	6.0	6.0
020-040	3.1	4.6	1.1									8.9	5.6	6.0
050-070	2.0	.5										2.5	3.8	3.0
(E) 080-100	1.1	.8	.3									2.3	5.1	4.5
110-130	1.1		.3									1.5	4.4	4.0
140-160	1.6	.3	.2									2.1	3.5	3.0
(S) 170-190	3.6	2.8										6.4	4.1	4.0
200-220	1.5	3.6	.2									5.2	5.7	6.0
230-250	2.3	1.8	.2									4.3	4.7	4.0
(W) 260-280	1.8	2.8	.8	.2								5.6	6.4	6.0
290-310	2.3	2.3	2.1	.5								7.2	7.8	8.0
320-340	1.8	2.3	1.8	.2								6.1	7.2	7.0
VARIABLE														
CALM	////////////////////////////////////											29.2	////////////////////////////////	
TOTALS	27.9	32.5	9.3	1.1								100.0	4.1	6.0

TOTAL NUMBER OF OBSERVATIONS 610

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	4.4	9.1	3.1									16.6	6.6	6.0
020-040	2.8	5.5	1.5									9.8	6.4	6.0
050-070	1.5	2.4	.5									4.4	5.7	6.0
(E) 080-100	1.6	1.6	.5									3.7	5.6	5.0
110-130	.5	.7										1.1	4.4	5.0
140-160	.8	1.3										2.1	5.3	5.0
(S) 170-190	3.9	3.1	.5									7.5	5.0	4.0
200-220	2.8	4.4	1.3									8.5	6.1	6.0
230-250	2.4	1.3	.8									4.6	6.0	4.0
(W) 260-280	2.6	2.1	2.3	.5								7.5	7.4	6.0
290-310	2.8	2.9	3.3	.3								9.3	7.4	6.0
320-340	4.1	4.9	2.8	.5								12.2	6.9	6.0
VARIABLE														
CALM	////////////////////											12.8	////////	
TOTALS	30.2	39.3	16.6	1.3								100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 615

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	3.3	7.3	2.4									13.0	6.3	6.0
020-040	1.1	4.7	1.8									7.6	7.1	8.0
050-070	1.8	2.4	.7									4.9	6.0	5.5
(E) 080-100	2.1	1.5	.3									3.9	5.1	4.0
110-130	.8	.7	.3									1.8	5.5	6.0
140-160	1.8	1.0	.5									3.3	4.8	3.5
(S) 170-190	3.1	4.1	.3									7.5	5.4	5.0
200-220	3.1	4.2	1.3									8.6	6.2	6.0
230-250	2.1	3.7	1.3									7.2	6.4	6.0
(W) 260-280	2.3	2.9	2.4	.3								8.0	7.6	7.0
290-310	3.6	6.2	5.0	.3	.2							15.3	7.8	8.0
320-340	3.9	6.8	2.8									13.5	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											5.5	////////	
TOTALS	29.0	45.5	19.1	.6	.2							100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 615

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: JAN HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.6	4.4	1.3									10.4	5.6	5.0
020-040	2.0	3.6	1.5									7.1	6.3	6.0
050-070	2.0	2.8	.3									5.1	5.3	5.0
(E) 080-100	3.8	2.8										6.6	4.1	4.0
110-130	2.5	1.0	.2									3.6	4.3	4.0
140-160	2.0	.7	1.0									3.6	5.4	4.0
(S) 170-190	4.0	1.3	.5									5.8	4.4	4.0
200-220	3.3	4.3	1.0									8.6	5.8	6.0
230-250	2.8	4.8	.8	.2								8.6	6.2	6.0
(W) 260-280	1.5	3.6	1.6	.3	.3							7.4	8.3	8.0
290-310	3.0	5.9	2.8	.3								12.0	7.3	8.0
320-340	3.3	4.9	3.0	.2								11.4	6.9	6.0
VARIABLE														
CALM	////////////////////////////////////											9.9	////////	
TOTALS	34.8	40.1	14.0	1.0	.3							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 607

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	4.3	4.6	1.0									9.9	5.3	5.0
020-040	2.1	3.6	1.0									6.7	6.1	6.0
050-070	2.4	1.7										4.1	4.3	4.0
(E) 080-100	4.4	1.7										6.2	3.3	3.0
110-130	3.1	.3	.3									3.8	3.6	2.5
140-160	1.9	1.4	.7									3.9	5.7	6.0
(S) 170-190	3.8	1.2	.5									5.5	4.1	4.0
200-220	4.1	3.2	.7									8.0	4.8	4.0
230-250	2.2	2.4	.3									5.0	5.4	5.0
(W) 260-280	2.1	2.4	.2			.2						4.8	5.8	5.0
290-310	1.2	3.2	1.2	.5	.2							6.3	8.2	8.0
320-340	1.7	2.4	2.1	.2								6.3	7.5	8.0
VARIABLE														
CALM	////////////////////////////////////											29.6	////////	
TOTALS	33.3	28.1	8.0	.7	.2	.2						100.0	3.8	5.0

TOTAL NUMBER OF OBSERVATIONS 585

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	3.4	4.9	2.8									11.1	6.7	7.0
020-040	2.8	3.4	.8									7.0	5.6	6.0
050-070	.8	.8	.3									1.8	5.9	6.0
(E) 080-100	2.6											2.6	3.0	3.0
110-130	2.3	.5										2.8	3.3	3.0
140-160	1.3	2.3	.5									4.1	6.1	6.0
(S) 170-190	3.1	1.0	.5									4.7	4.3	4.0
200-220	4.4	2.6										7.0	3.8	3.0
230-250	1.3	2.6	.3									4.1	5.3	6.0
(W) 260-280	1.6	2.8	1.6	.3								6.2	7.3	6.5
290-310	2.6	2.6	1.3	.5								7.0	7.0	7.0
320-340	1.0	1.6	1.6	.5	.3							4.9	8.9	7.0
VARIABLE														
CALM	////////////////////											36.5	////////	
TOTALS	27.2	25.1	9.7	1.3	.3							100.0	3.7	5.0

TOTAL NUMBER OF OBSERVATIONS 386

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	4.3	7.0	2.1	.0								13.5	6.1	6.0
020-040	2.3	4.3	1.3									7.9	6.2	6.0
050-070	1.8	1.8	.3									3.9	5.2	5.0
(E) 080-100	2.6	4.5	.2									4.3	4.3	4.0
110-130	1.7	.5	.2									2.4	4.2	4.0
140-160	1.6	1.1	.5									3.1	5.2	4.0
(S) 170-190	3.6	2.3	.4									6.3	4.6	4.0
200-220	3.1	3.8	.8									7.7	5.5	6.0
230-250	2.3	2.8	.6	.0								5.7	5.8	5.0
(W) 260-280	2.0	2.8	1.5	.3	.1	.0						6.6	7.2	6.0
290-310	2.6	3.9	2.7	.4	.1							9.7	7.6	8.0
320-340	2.8	4.0	2.4	.2	.0							9.4	7.0	6.0
VARIABLE														
CALM	////////////////////											19.5	////////	
TOTALS	30.7	35.8	13.0	.9	.2							100.0	4.9	6.0

TOTAL NUMBER OF OBSERVATIONS 3418

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	5.9	10.5	2.2									18.6	6.0	6.0
020-040	2.4	11.2	3.5									17.1	7.1	7.0
050-070	2.6	2.6										5.3	4.6	4.5
(E) 080-100	2.2	3.1	.9									6.1	5.9	5.5
110-130	1.1	.4	.9									2.4	6.1	5.0
140-160	1.5	1.1	.2									2.8	5.7	4.0
(S) 170-190	3.1	.9	.4									4.4	4.8	4.0
200-220	2.0	1.3										3.3	4.5	4.0
230-250	2.0	.7										2.6	3.5	3.0
(W) 260-280	.4	2.0	.2	.2								2.8	7.1	5.0
290-310	1.8	4.6	.4	.4	.2							7.4	7.4	7.0
320-340	4.4	8.8	3.7	.4								17.3	7.1	7.0
VARIABLE														
CALM	////////////////////////////////////											9.8	////////////////////////////////	
TOTALS	29.4	47.2	12.4	1.0	.2							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 457

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(M) 350-010	8.2	6.3	2.3									16.7	5.2	5.0
020-040	3.1	4.3	1.2	.2								8.9	6.1	6.0
050-070	1.6	2.1	.2	.3	.2							4.3	6.6	5.0
(E) 080-100	1.4	.7										2.1	3.9	3.5
110-130	1.4	.3	.3									2.1	4.1	3.0
140-160	2.3	.3	.5	.5								3.7	6.7	4.0
(S) 170-190	3.0	3.7	.3									7.0	4.9	5.0
200-220	4.0	2.4	1.6									8.0	5.5	4.5
230-250	2.1	1.6										3.7	4.4	4.0
(W) 260-280	.7	2.3	.9									3.8	7.0	6.0
290-310	.9	.7	1.7									3.3	7.8	10.0
320-340	2.4	1.7	2.3	.3	.2							7.0	7.9	8.0
VARIABLE														
CALM	////////////////////////////////////											29.6	////////////////////////////////	
TOTALS	31.1	26.4	11.3	1.3	.4							100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 575

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	6.5	7.3	3.3	.3								17.5	6.4	6.0
020-040	1.4	4.7	1.7									7.9	6.9	6.0
050-070	2.8	3.1	.7	.5								7.2	6.4	5.0
(E) 080-100	2.6	3.0	.5									6.1	5.3	6.0
110-130	1.2		.3									1.6	4.6	4.0
140-160	2.4	.9	.7	.3								4.4	6.1	4.0
(S) 170-190	1.9	2.8	.9									5.6	5.8	5.0
200-220	2.1	5.1	2.8									9.9	7.0	7.0
230-250	3.3	2.6	1.4	.2								7.5	6.0	5.0
(W) 260-280	4.0	2.3	.9	.2								7.3	5.2	4.0
290-310	3.0	2.3	1.6	.2								7.0	6.1	5.5
320-340	4.7	3.8	2.6	.2	.5							11.9	7.0	6.0
VARIABLE														
CALM	////////////////////											6.3	////////	
TOTALS	35.9	37.9	17.4	1.9	.5							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 573

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	4.9	4.4	1.6	.2								11.0	5.7	5.0
020-040	2.3	4.7	1.4	.4								8.8	6.7	6.0
050-070	1.1	3.7	.9	.2								5.8	6.8	7.0
(E) 080-100	1.1	1.9	.4	.2								3.5	6.4	6.0
110-130	1.2	1.2	.4									2.8	5.1	5.0
140-160	2.1	1.4	.5									4.0	5.2	4.0
(S) 170-190	2.6	3.7	1.4									7.7	6.1	6.0
200-220	2.8	4.9	3.7									11.4	7.2	7.0
230-250	2.5	3.9	2.1									8.4	6.9	7.0
(W) 260-280	1.8	2.1	1.1	.4								5.3	7.6	8.0
290-310	3.3	8.1	3.2	.4								14.9	7.1	7.0
320-340	4.2	5.3	2.8	.2	.5							13.0	7.1	6.0
VARIABLE														
CALM	////////////////////////////////////										3.5	////////////////////////////////		
TOTALS	29.9	45.3	19.5	2.0	.5							100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 571

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	4.6	5.1	1.1	.2								10.9	5.5	5.0
020-040	.9	4.0	1.4									6.3	7.2	6.5
050-070	2.9	1.9										3.9	4.7	4.5
(E) 080-100	3.7	5.8	.2									9.6	5.4	5.0
110-130	1.8	2.6	.4	.2								4.9	6.1	6.0
140-160	1.9	2.1	.5	.2								4.7	5.8	5.0
(S) 170-190	3.3	2.3	1.2									6.8	5.7	5.0
200-220	1.8	6.0	2.5									10.2	7.4	8.0
230-250	1.6	3.5	.9	.2								6.1	6.7	7.0
(W) 260-280	1.6	2.5	1.4	.7	.2							6.3	8.0	7.0
290-310	1.9	4.9	2.6	.5								10.0	7.6	8.0
320-340	5.4	4.4	2.8	.4								13.0	6.2	5.0
VARIABLE														
CALM	////////////////////////////////////											7.2	////////////////////////////////	
TOTALS	30.4	45.1	15.0	2.4	.2							100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 570

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	3.7	1.6									9.1	5.7	5.0
020-040	2.6	1.8	1.1									5.4	6.0	5.0
050-070	3.9	1.2	.5									5.6	4.5	4.0
(E) 080-100	6.7	3.0	.4									10.0	4.2	4.0
110-130	4.7	1.9	.4		.2							7.2	4.3	3.0
140-160	2.3	1.2	.9									4.4	4.7	4.0
(S) 170-190	3.3	4.2	.4									7.9	5.0	5.0
200-220	2.8	3.3	.9									7.0	5.6	5.0
230-250	2.1	.7		.2	.2							3.2	4.9	3.0
(W) 260-280	1.9	1.8	.5	.2								4.4	6.1	5.0
290-310	1.8	.9	1.4	.5								4.6	7.8	8.0
320-340	2.5	2.6	2.1	.5								7.7	7.1	6.0
VARIABLE														
CALM	////////////////////////////////////											23.5	////////////////////////////////	
TOTALS	38.5	26.3	10.2	1.4	.4							100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 570

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	3.4	4.7	2.1									10.3	6.4	6.0
020-040	2.4	3.4	.3									6.1	5.0	5.0
050-070	2.1	1.8	.5									4.5	5.3	5.0
(E) 080-100	3.2	.5	.5									4.2	3.6	2.0
110-130	2.9	1.1										3.9	3.7	3.0
140-160	3.2	2.9	.5									6.6	5.2	5.0
(S) 170-190	4.7	3.9	.8									9.5	5.2	4.5
200-220	1.8	3.4	.5									5.8	6.1	7.0
230-250	.5	1.1	.3	.5								2.4	8.1	7.0
(W) 260-280	.5	1.1	.8									2.4	7.0	8.0
290-310	.8	.8	1.3	.8								3.7	9.6	11.0
320-340	2.6	1.6	2.4									6.6	7.2	6.0
VARIABLE														
CALM	////////////////////////////////////											34.2	////////////////////////////////	
TOTALS	28.1	26.3	10.0	1.3								100.0	3.9	5.0

TOTAL NUMBER OF OBSERVATIONS 380

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	5.3	5.3	2.0	.1								12.7	5.8	5.0
020-040	2.1	3.9	1.2	.1								7.3	6.4	6.0
050-070	2.2	2.3	.5	.2	.0							5.2	5.8	5.0
(E) 080-100	3.1	2.6	.3	.0								6.0	4.9	4.0
110-130	2.2	1.2	.3	.0	.0							3.7	4.7	4.0
140-160	2.3	1.4	.6	.2								4.5	5.6	4.0
(S) 170-190	3.1	3.4	.8									7.3	5.4	5.0
200-220	2.6	4.2	2.1									8.9	6.6	7.0
230-250	2.1	2.3	.8	.2	.0							5.4	6.2	6.0
(W) 260-280	1.8	2.0	.9	.2	.0							5.1	6.7	6.0
290-310	2.0	3.1	2.0	.4								7.4	7.3	7.0
320-340	3.7	3.3	2.5	.3	.2							10.0	7.0	6.0
VARIABLE														
CALM	////////////////////////////////////											16.4	////////	
TOTALS	32.5	35.0	14.0	1.7	.2							100.0	5.1	6.0

TOTAL NUMBER OF OBSERVATIONS 3239

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	8.8	10.0	3.5	.2							22.5	5.9	5.0
020-040	3.1	9.0	4.1	.6							16.9	7.4	6.0
050-070	2.0	4.3	1.2	1.0	.2						8.6	7.8	6.5
(E) 080-100	1.8	2.2	.6	.2							4.7	6.2	6.0
110-130	.6	1.4	.4	.2							2.5	6.5	5.0
140-160	1.2	.8	.4	.2							2.5	6.1	5.0
(S) 170-190	.8	.8	.8								2.4	6.6	6.5
200-220	1.2	1.4	.2								2.7	5.3	5.5
230-250	3.9	1.6	.2								5.7	4.2	4.0
(W) 260-280	1.4	1.0	.4								2.7	5.4	4.5
290-310	1.4	2.7	.8								4.9	6.2	6.0
320-340	5.1	2.7	2.9								10.8	6.2	5.0
VARIABLE													
CALM	////////////////////////////////////										12.9	////////////////////////////////	
TOTALS	31.3	37.9	15.5	2.4	.2						100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 510

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	5.1	2.3	.2								11.5	6.2	5.0
020-040	2.4	5.1	2.3	.5								10.3	7.1	6.5
050-070	2.1	2.6	1.2									5.9	5.7	6.0
(E) 080-100	2.0	2.0	.8									4.7	5.7	5.0
110-130	2.4	.2	.5									3.0	4.0	3.0
140-160	2.7	.9	.3									3.9	4.2	3.0
(S) 170-190	3.6	4.1	.6	.2								8.4	5.1	5.0
200-220	2.4	2.4	1.4									6.2	6.2	5.0
230-250	2.1	1.8	.9									4.8	5.8	5.5
(W) 260-280	1.7	2.0	.9									4.5	5.8	6.0
290-310	1.1	1.4	2.1	.6								5.1	9.0	10.0
320-340	2.0	3.2	2.1	.5								7.7	7.4	8.0
VARIABLE														
CALM	////////////////////////////////////											24.0	////////////////////////////////	
TOTALS	28.4	30.8	15.4	2.0								100.0	4.7	6.0

TOTAL NUMBER OF OBSERVATIONS 663

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	3.3	6.3	2.1	.2								11.9	6.6	6.0
020-040	1.4	3.9	3.5									8.7	8.2	8.0
050-070	1.7	2.4	2.1									6.2	7.1	7.0
(E) 080-100	3.0	2.9	1.2									7.1	5.6	5.0
110-130	2.1	2.3	.2									4.5	4.8	5.0
140-160	1.8	1.8	1.1									4.7	6.1	6.0
(S) 170-190	2.9	5.3	.8									8.9	5.8	6.0
200-220	2.1	3.6	1.1	.5								7.2	6.9	6.0
230-250	1.7	2.9	2.6	.3								7.4	7.7	8.0
(W) 260-280	1.2	2.9	1.4									5.4	6.8	6.5
290-310	2.6	3.8	2.7	.6								9.7	7.9	8.0
320-340	4.2	5.9	2.6	.8								13.4	7.1	7.0
VARIABLE														
CALM	////////////////////											4.8	////////	
TOTALS	28.0	44.0	21.4	2.4								100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 663

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	4.2	2.4	.3								8.7	7.1	7.0
020-040	1.2	1.8	2.3									5.3	7.7	8.0
050-070	1.7	3.6	1.7									6.9	6.9	6.5
(E) 080-100	2.3	3.2	.9									6.3	6.1	5.0
110-130	1.8	2.1	.3									4.2	5.2	5.0
140-160	1.7	3.0	.5									5.1	6.2	6.0
(S) 170-190	1.5	4.7	1.4									7.5	6.9	7.0
200-220	2.1	5.7	2.7	.5								11.0	7.5	8.0
230-250	1.1	3.8	2.9	.5								8.1	8.5	9.0
(W) 260-280	2.7	2.1	.6	.3								5.7	5.9	5.0
290-310	3.0	4.8	3.8	.3								11.9	7.7	8.0
320-340	3.8	7.4	4.2	.6								16.0	7.7	8.0
VARIABLE														
CALM	////////////////////////////////////											3.0	////////////////////////////////	
TOTALS	24.7	46.4	23.7	2.5								100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 663

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	4.4	1.2									7.8	6.5	6.5
020-040	1.2	3.0	1.8									6.0	7.1	6.5
050-070	1.4	4.1	1.7	.5								7.5	8.0	8.0
(E) 080-100	2.9	5.6	1.2									9.7	6.2	6.0
110-130	3.5	3.3	.5									7.2	5.3	5.0
140-160	2.0	2.6	.8									5.3	5.8	6.0
(S) 170-190	2.4	4.7	2.0	.3								9.4	7.2	8.0
200-220	2.0	5.3	2.4									9.7	6.9	7.0
230-250	.5	2.4	1.7	.2								4.7	8.1	7.0
(W) 260-280	.6	3.2	.6	.2								4.5	7.3	8.0
290-310	1.8	5.1	4.8									11.8	7.9	8.0
320-340	2.3	5.9	3.3	.3								11.8	7.8	8.0
VARIABLE														
CALM	////////////////////											4.7	////////	
TOTALS	22.9	49.6	22.0	1.5								100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 663

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: PORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	2.9	1.2	.2								7.5	6.1	6.0
020-040	2.1	4.4	2.4									8.9	6.8	6.0
050-070	3.5	3.3	.6									7.4	5.2	5.0
(E) 080-100	7.5	4.1	.5									12.1	4.2	4.0
110-130	5.3	2.7	.3	.2								8.4	4.5	4.0
140-160	1.8	3.2	1.1									6.0	6.3	6.5
(S) 170-190	3.2	2.9	1.5	.2								7.7	6.0	5.0
200-220	1.5	2.7	1.7									5.9	6.9	7.0
230-250	1.5	1.1	.3									2.9	5.1	4.0
(W) 260-280	1.4	1.1	.6									3.0	5.8	5.0
290-310	2.3	3.0	2.3	.3								7.8	7.3	8.0
320-340	2.0	1.8	1.8	.2	.2							5.9	7.8	7.0
VARIABLE														
CALM	////////////////////											16.4	////////	
TOTALS	35.4	33.2	14.3	1.1	.2							100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 663

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	5.7	1.8	.7	.2								8.4	4.8	4.0
020-040	3.2	3.2	2.0	.2								8.6	6.9	7.0
050-070	2.3	2.5	1.1									5.9	5.8	6.0
(E) 080-100	2.5	2.3										4.8	4.7	4.0
110-130	3.6	2.5										6.1	4.1	4.0
140-160	5.7	3.9	.5									10.0	4.7	4.0
(S) 170-190	3.2	5.5	2.0									10.7	6.5	6.0
200-220	.9	3.0	.5	.5								4.8	7.0	6.0
230-250	1.6	.5	.7	.2								3.0	6.2	4.0
(W) 260-280	.5	.7										1.1	4.0	5.0
290-310	1.1	1.6	2.7	.2								5.7	8.4	10.0
320-340	1.6	3.2	2.3	.2								7.3	7.9	6.5
VARIABLE														
CALM	////////////////////											23.6	////	////
TOTALS	31.9	30.7	12.5	1.5								100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS 440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		3.2	4.3	1.7	.2								9.4	6.3	6.0
020-040		1.8	3.6	2.4	.1								7.9	7.3	7.0
050-070		2.1	3.1	1.4	.1								6.7	6.5	6.0
(E) 080-100		3.4	3.4	.8									7.6	5.4	5.0
110-130		3.1	2.2	.3	.0								5.6	4.7	4.0
140-160		2.4	2.5	.7									5.6	5.6	5.0
(S) 170-190		2.8	4.4	1.3	.1								8.7	6.2	6.0
200-220		1.9	3.8	1.7	.2								7.6	7.0	7.0
230-250		1.4	2.2	1.5	.2								5.3	7.3	7.0
(W) 260-280		1.4	2.1	.7	.1								4.2	6.3	6.0
290-310		2.0	3.4	3.1	.3								8.8	7.9	8.0
320-340		2.7	4.6	2.7	.4	.0							10.5	7.6	8.0
VARIABLE															
CALM		////////////////////////////////////										12.1	////////////////////////////////		
TOTALS		28.2	39.6	18.3	1.7								100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 3755

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	3.0	5.3	4.3	.2								12.8	7.5	8.0
020-040	4.1	8.1	7.5	.8								20.5	8.1	8.0
050-070	3.4	6.9	3.2	.2								13.8	7.2	6.0
(E) 080-100	5.3	3.7	2.2									11.2	5.6	5.0
110-130	2.0	2.0	1.0									5.1	5.9	5.0
140-160	1.2	.4	.2									1.8	4.6	4.0
(S) 170-190	1.6	1.2	.4									3.2	5.4	4.5
200-220	1.2	.6	.4									2.2	5.5	4.0
230-250	1.0	1.0		.2								2.2	5.5	5.0
(W) 260-280	.4		.2									.6	6.0	4.0
290-310	.8	4.1	1.8	.8								7.5	8.6	8.0
320-340	2.2	6.5	2.4									11.2	7.0	8.0
VARIABLE														
CALM	////////////////////											7.9	////////////////	
TOTALS	26.2	39.8	23.6	2.2								100.0	6.5	7.0

TOTAL NUMBER OF OBSERVATIONS 493

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	4.8	4.5	1.2									10.6	5.0	5.0
020-040	4.5	3.7	.8									9.0	5.1	4.5
050-070	1.7	1.9	.2									3.7	4.4	5.0
(E) 080-100	2.6	1.1	.8									4.5	5.1	4.0
110-130	1.2	.5										1.7	3.1	2.0
140-160	1.1	1.2	.5									2.8	6.1	5.5
(S) 170-190	4.8	3.4	.6									8.9	4.6	4.0
200-220	2.5	2.5	.6									5.6	5.4	5.0
230-250	3.1	1.7	1.1	.2								6.1	5.4	4.0
(W) 260-280	3.1	2.8	1.7	.2								7.8	6.1	6.0
290-310	5.0	2.6	.6									8.3	4.3	4.0
320-340	5.0	3.6	1.9									10.4	6.0	5.0
VARIABLE														
CALM	////////////////////											20.6	////////	
TOTALS	39.4	29.5	10.0	.4								100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 642

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL &	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.5	5.9	1.7									10.1	6.6	7.0
020-040	1.2	4.0	1.4	.2								6.9	7.3	7.0
050-070	2.5	3.0	.3	.2								5.9	5.4	5.0
(E) 080-100	1.7	2.5	.6	.2								5.0	6.0	6.0
110-130	1.9	2.5	.2									4.5	5.3	5.0
140-160	1.6	2.5	.3	.3								4.7	6.1	6.0
(S) 170-190	3.3	4.7	.5									8.4	5.4	5.0
200-220	3.1	3.7	1.2	.2								8.3	6.2	5.0
230-250	2.3	2.3	.5									5.1	5.5	5.0
(W) 260-280	2.3	3.7	1.4									7.5	6.4	6.0
290-310	5.1	4.2	3.1	.6	.5							13.6	7.3	6.0
320-340	4.8	8.4	2.6	.2								16.0	6.3	6.0
VARIABLE														
CALM	////////////////////////////////////										4.0	////////////////////////////////		
TOTALS	32.3	47.4	13.8	1.9	.5							100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 642

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: APR 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	2.0	2.8	.8	.2								5.8	6.2	6.0
020-040	1.3	3.1	.6	.3								5.3	6.8	7.0
050-070	1.1	3.9	.3									5.3	6.0	6.0
(E) 080-100	.9	3.1	1.3									5.3	6.9	6.0
110-130	2.5	3.6	.6									6.7	5.9	6.0
140-160	2.2	4.2	1.7	.3	.2							8.6	7.2	6.0
(S) 170-190	1.6	2.8	.8									5.2	6.0	6.0
200-220	1.7	6.3	2.5	.5								11.0	7.6	8.0
230-250	1.3	3.9	1.4	.2	.2							6.9	7.7	8.0
(W) 260-280	2.7	2.3	.6	.2								5.8	6.3	6.0
290-310	4.7	6.7	4.5	.8	.5							17.2	7.8	8.0
320-340	4.7	6.9	2.8									14.4	6.1	6.0
VARIABLE														
CALM	////////////////////											2.5	////////	
TOTALS	26.7	49.6	17.9	2.5	.9							100.0	6.7	6.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(W) 350-010	1.4	2.3	.9									4.7	6.7	6.0
020-040	.9	1.6	.8									3.3	6.7	7.0
050-070	1.6	4.1	.6									6.3	6.3	6.5
(E) 080-100	3.3	10.3	1.7									15.3	6.4	6.0
110-130	2.0	4.5	.6									7.2	6.2	6.5
140-160	2.3	3.8	1.1	.2								7.3	6.6	6.0
(S) 170-190	2.0	2.2	1.1									5.3	5.7	5.0
200-220	.8	6.1	3.0	.3								10.2	8.2	8.0
230-250	1.7	3.0	1.4	.5								6.6	7.2	6.5
(W) 260-280	1.4	3.1	1.9									6.4	7.2	7.0
290-310	2.3	7.0	3.3	.2	.2							13.0	7.8	8.0
320-340	3.8	5.0	1.7	.2	.3							10.9	7.0	7.0
VARIABLE														
CALM	////////////////////////////////////											3.6	//////////	
TOTALS	23.5	53.0	18.1	1.4	.5							100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 640

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	1.7	3.1	1.1									6.0	6.3	6.0
020-040	1.4	1.4	.5									3.3	5.6	6.0
050-070	2.2	2.8	.8	.2								6.0	6.1	6.0
(E) 080-100	8.2	6.8	.5									15.4	4.7	4.0
110-130	5.3	4.9	.9									11.1	5.0	5.0
140-160	2.8	3.3	1.3	.3								7.7	6.1	6.0
(S) 170-190	2.5	3.3	.8	.3								6.9	6.2	6.0
200-220	3.9	3.8	.9									8.6	5.5	5.0
230-250	2.8	1.3	.3									4.4	4.6	4.0
(W) 260-280	2.0	3.1	.5									5.7	5.7	6.0
290-310	2.5	.8	1.1	.5								4.9	6.6	4.0
320-340	.9	1.6	2.2	.3	.2							5.2	9.3	10.0
VARIABLE														
CALM	////////////////////////////////////											14.9	////////	
TOTALS	36.2	36.2	10.9	1.6	.2							100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 637

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	1.2	1.9	.2								5.2	7.4	7.5
020-040	.9	1.7	.9									3.6	6.4	7.0
050-070	3.6	2.4	.5	.2								6.6	4.5	3.5
(E) 080-100	4.0	2.1										6.2	4.0	4.0
110-130	6.6	1.7		.2								8.5	3.7	3.0
140-160	3.8	5.9	1.2									10.9	6.0	6.0
(S) 170-190	5.0	3.3	.9									9.2	4.9	4.0
200-220	1.4	3.6	1.9									6.9	7.3	7.0
230-250	2.6	1.4	.2									4.3	4.8	4.0
(W) 260-280	.9	2.8	.2									4.0	6.3	6.0
290-310	1.2	.9	.5									2.6	6.8	7.0
320-340	.9	.7	2.1	.5	.5							4.7	10.2	10.0
VARIABLE														
CALM	////////////////////////////////////											27.3	////////	
TOTALS	32.8	27.7	10.3	1.1	.5							100.0	4.2	5.0

TOTAL NUMBER OF OBSERVATIONS 422

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	2.4	3.5	1.2	.1								7.2	6.2	6.0
020-040	1.8	2.7	.8	.1								5.3	6.2	6.0
050-070	2.0	3.0	.4	.1								5.6	5.6	5.0
(E) 080-100	3.4	4.4	.9	.0								8.8	5.5	5.0
110-130	3.1	3.0	.4	.0								6.5	5.1	5.0
140-160	2.2	3.3	1.0	.2	.0							6.8	6.4	6.0
(S) 170-190	3.1	3.3	.8	.1								7.2	5.4	5.0
200-220	2.3	4.4	1.7	.2								8.5	6.8	7.0
230-250	2.3	2.3	.9	.1	.0							5.6	6.2	6.0
(W) 260-280	2.2	3.0	1.1	.1								6.3	6.4	6.0
290-310	3.6	3.9	2.3	.4	.2							10.4	7.1	6.0
320-340	3.5	4.6	2.2	.2	.1							10.6	6.8	6.0
VARIABLE														
CALM	////////////////////											11.2	////////	
TOTALS	31.9	41.4	13.7	1.6	.3							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 3622

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	10.5	5.4									20.3	7.2	8.0
020-040	4.0	4.0	2.9									10.9	6.6	6.5
050-070	4.3	4.0	1.4	.7								10.5	6.1	5.0
(E) 080-100	2.9	4.7	2.5	.4								10.5	7.2	8.0
110-130	2.2	1.1		.4								3.6	4.6	2.5
140-160	1.1	4.0	1.4									6.5	7.2	7.0
(S) 170-190	2.5	1.4	.7									4.7	5.0	4.0
200-220	.4	1.8	.4									2.5	6.7	6.0
230-250	.4	.7		.4								1.4	7.5	6.5
(W) 260-280	1.4	.7		.4								2.5	5.3	3.0
290-310	2.2	1.1	.4									3.6	5.5	4.0
320-340	2.9	2.5	1.4	.4								7.2	6.5	6.0
VARIABLE														
CALM	////////////////////											15.6	////////	
TOTALS	28.6	36.5	16.5	2.7								100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 276

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	5.5	.8									10.8	5.3	5.0
020-040	2.5	2.2	.2									4.9	4.8	4.0
050-070	3.9	.9	.2									5.0	3.8	3.0
(E) 080-100	2.5	.5										3.0	3.1	3.0
110-130	3.1	.3										3.4	2.8	2.0
140-160	3.6	1.3	.3									5.2	3.8	3.0
(S) 170-190	5.3	4.7	.5									10.5	4.8	4.0
200-220	5.0	5.5	1.1									11.6	5.4	5.0
230-250	3.6	2.5	.3									6.4	4.6	4.0
(W) 260-280	3.0	1.7	.5									5.2	4.6	4.0
290-310	2.8	1.6	.6									5.0	5.1	4.0
320-340	4.9	4.1	.2									9.1	4.4	4.0
VARIABLE														
CALM	////////////////////											20.0	////////	
TOTALS	44.7	30.8	4.7									100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	4.2	.8									8.9	5.5	5.0
020-040	1.7	3.6	.9									6.3	6.2	6.0
050-070	2.5	1.7	.2									4.4	4.6	4.0
(E) 080-100	3.0	1.7										4.7	4.3	4.0
110-130	1.7	1.6										3.3	4.6	4.0
140-160	2.2	3.1	.9	.2								6.4	6.0	5.0
(S) 170-190	5.2	5.9	.6									11.7	5.1	5.0
200-220	3.4	5.9	1.9									11.3	6.3	6.0
230-250	3.3	4.7	.8									8.8	5.7	5.5
(W) 260-280	3.8	1.7	.6									6.1	4.9	4.0
290-310	4.1	6.4	1.4									11.9	5.6	5.0
320-340	6.9	3.8	.5									11.1	4.3	4.0
VARIABLE														
CALM	////////////////////											5.2	////////	
TOTALS	41.7	44.3	8.6	.2								100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	3.1	4.2	.3									7.7	5.3	6.0
020-040	1.6	2.7	.5									4.7	5.8	5.5
050-070	3.0	2.7	.2									5.8	5.0	4.0
(E) 080-100	1.1	2.3	.5									3.9	5.7	5.0
110-130	1.3	2.2	.3									3.8	5.6	6.0
140-160	2.8	4.7	.6									8.1	5.3	5.0
(S) 170-190	5.3	6.9	1.1									13.3	5.6	6.0
200-220	5.5	6.4	1.3									13.1	5.6	5.0
230-250	2.7	5.6	.6	.3								9.2	6.3	6.0
(W) 260-280	2.0	1.1	1.4									4.5	6.8	7.0
290-310	4.4	5.5	1.4									11.3	5.8	5.0
320-340	5.9	5.2	.3									11.4	4.7	4.0
VARIABLE														
CALM	////////////////////											3.1	////////	
TOTALS	38.7	49.5	8.5	.3								100.0	5.4	5.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	2.7	3.6	.6									6.9	5.6	5.0
020-040	2.2	1.3	.3									3.8	4.6	4.0
050-070	2.5	3.0	.2									5.6	5.1	5.0
(E) 080-100	4.7	8.1	.3									13.1	5.4	6.0
110-130	2.7	3.6	.2									6.4	5.3	5.0
140-160	3.0	3.8	.8									7.5	5.3	5.0
(S) 170-190	5.0	5.0	1.4									11.4	5.3	5.0
200-220	4.2	8.3	1.3									13.8	5.9	6.0
230-250	1.9	2.2	1.1									5.2	6.2	6.0
(W) 260-280	1.1	2.0	.6	.3								4.1	7.2	7.0
290-310	2.8	2.5	2.2	.2								7.7	6.7	6.0
320-340	5.9	3.6	.3									9.9	4.1	3.0
VARIABLE														
CALM	////////////////////											4.7	////////	
TOTALS	38.7	47.0	9.3	.5								100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	2.0	.5									4.1	5.8	6.0
020-040	2.8	1.9	.3									5.0	4.5	4.0
050-070	3.0	1.3										4.2	3.3	2.0
(E) 080-100	8.0	5.2										13.1	4.0	4.0
110-130	8.5	2.7	.3									11.4	3.8	4.0
140-160	3.9	4.1	1.1									9.1	5.2	5.0
(S) 170-190	4.7	4.1	.5									9.2	4.8	4.0
200-220	6.4	3.8	.2									10.3	4.4	4.0
230-250	1.7	1.9										3.6	4.3	5.0
(W) 260-280	2.0	1.6	.2									3.8	5.0	4.0
290-310	2.7	1.1	.8									4.5	5.4	4.0
320-340	1.4	1.1	.6									3.1	6.2	6.0
VARIABLE														
CALM	////////////////////											18.5	////////	
TOTALS	46.7	30.8	4.5									100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	2.6	2.4	1.2									6.1	5.9	6.0
020-040	4.2	.5										4.7	3.2	3.0
050-070	.7											.7	2.7	2.0
(E) 080-100	6.6	2.1	.2									8.9	3.4	3.0
110-130	5.4	.7										6.1	2.7	2.0
140-160	6.6	3.5	.7									10.8	4.7	4.0
(S) 170-190	8.2	5.6	.5									14.4	4.6	4.0
200-220	4.2	3.1	.5									7.8	4.6	4.0
230-250	1.4	.7	.2									2.4	4.3	4.0
(W) 260-280	1.6	1.4										3.1	4.9	4.0
290-310	.7	1.2	.9	.2								3.1	8.5	8.0
320-340	.5	.7	.5									1.6	6.1	5.0
VARIABLE														
CALM	////////////////////////////////////										30.4	////////////////////////////////		
TOTALS	42.7	21.9	4.7	.2								100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 425

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	3.1	3.7	.7									7.5	5.5	5.0
020-040	2.4	2.1	.4									4.9	5.0	5.0
050-070	2.7	1.7	.1									4.5	4.4	4.0
(E) 080-100	4.2	3.4	.2									7.7	4.4	4.0
110-130	3.7	1.9	.1									5.7	4.2	4.0
140-160	3.5	3.4	.7	.0								7.7	5.1	5.0
(S) 170-190	5.5	5.4	.8									11.6	5.1	5.0
200-220	4.8	5.6	1.0									11.5	5.5	5.0
230-250	2.5	3.1	.5	.1								6.1	5.5	5.0
(W) 260-280	2.3	1.6	.6	.1								4.5	5.5	4.0
290-310	3.0	3.1	1.2	.1								7.5	5.9	5.0
320-340	4.5	3.2	.4									8.1	4.5	4.0
VARIABLE														
CALM	////////////////////											12.7	////////	
TOTALS	42.2	38.2	6.7	.3								100.0	4.4	5.0

TOTAL NUMBER OF OBSERVATIONS 3620

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

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

AND/OR

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.0	13.6	4.1									22.7	6.9	7.0
020-040	8.2	5.4	1.6									15.1	4.9	4.0
050-070	5.4	4.1	.3									9.8	4.9	4.0
(E) 080-100	6.6	3.8										10.4	4.4	4.0
110-130	4.7	1.3	.3									6.3	3.7	2.5
140-160	1.6	1.3	1.3									4.1	6.6	5.0
(S) 170-190	2.2	1.9	.6									4.7	5.7	5.0
200-220	2.8	1.9	.9									5.7	5.6	4.5
230-250	.6	.3	.6									1.6	6.8	9.0
(W) 260-280	.9	.3	.3									1.6	5.6	4.0
290-310	.3	1.9	1.6									3.8	8.6	8.0
320-340	.9	.9										1.9	5.3	5.0
VARIABLE														
CALM	////////////////////											12.3	////////	
TOTALS	39.2	36.7	11.6									100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 317

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	4.7	.2									8.4	5.3	5.0
020-040	4.4	4.0	.5									8.9	4.7	5.0
050-070	1.7	.6	.6									3.0	5.4	3.0
(E) 080-100	1.9	.9										2.8	3.3	2.5
110-130	3.1	.3										3.4	3.2	3.0
140-160	1.7	1.2										3.0	4.1	4.0
(S) 170-190	6.4	2.8	.2									9.3	4.2	4.0
200-220	7.2	6.4	.2									13.7	4.4	4.0
230-250	7.2	4.5	.6									12.3	4.4	4.0
(W) 260-280	5.0	1.6										6.5	3.4	3.0
290-310	3.0	1.1										4.0	3.3	3.0
320-340	3.9	4.0	.3									8.2	4.8	5.0
VARIABLE														
CALM	////////////////////											16.5	////////	
TOTALS	49.1	32.1	2.6									100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 643

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	5.4										7.8	5.6	6.0
020-040	2.0	3.8	.3									6.1	5.6	5.5
050-070	1.2	2.9	.3	.2								4.6	6.1	6.0
(E) 080-100	1.2	2.4	.2									3.8	5.4	6.0
110-130	1.2	2.3										3.5	5.2	5.0
140-160	2.1	2.8										4.9	4.9	5.0
(S) 170-190	5.5	4.0	.3									9.8	4.7	4.0
200-220	8.0	6.4	.6									15.0	4.8	4.0
230-250	5.0	6.1	.8									11.9	5.4	5.0
(W) 260-280	3.7	2.1	.6									6.4	4.8	4.0
290-310	4.6	3.1	.3									8.0	4.6	4.0
320-340	7.3	6.0	.3									13.6	4.6	4.0
VARIABLE														
CALM	////////////////////											4.6	////////	
TOTALS	44.2	47.3	3.7	.2								100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 654

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	3.2	2.1	.8									6.1	5.4	4.0
020-040	1.5	2.8										4.3	5.6	6.0
050-070	2.1	3.1										5.2	4.9	5.0
(E) 080-100	2.3	4.0	.2									6.4	5.5	6.0
110-130	2.5	1.8	.2									4.7	4.8	4.0
140-160	2.5	2.8	.3									6.0	4.9	5.0
(S) 170-190	2.9	5.8	.6									9.3	5.6	6.0
200-220	5.8	11.6	.5	.2								18.0	5.5	6.0
230-250	4.9	4.3	1.7									10.9	5.7	6.0
(W) 260-280	2.4	2.3										4.7	4.5	4.0
290-310	5.5	3.4	.9									9.8	5.0	4.0
320-340	8.7	3.8	.8									13.3	4.5	4.0
VARIABLE														
CALM	////////////////////											1.2	////////	
TOTALS	45.0	47.8	6.0	.2								100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 654

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	3.4	.5									7.6	5.0	5.0
020-040	1.8	2.0	.2									4.0	4.9	5.0
050-070	1.4	3.7										5.1	5.9	6.0
(E) 080-100	4.3	8.0	.5									12.8	5.5	5.0
110-130	3.4	4.8	.2									8.3	5.1	5.0
140-160	3.5	3.7	.3									7.6	4.8	5.0
(S) 170-190	4.5	5.5	.5									10.5	5.1	5.0
200-220	4.8	8.8	1.7		.2							15.4	6.1	6.0
230-250	2.3	5.2	1.1									8.6	6.1	6.0
(W) 260-280	1.5	.8			.2							2.5	5.4	4.0
290-310	3.1	2.2	.9									6.2	5.7	4.5
320-340	4.6	2.3	.8	.2								7.9	5.0	4.0
VARIABLE														
CALM	////////////////////											3.7	////////	
TOTALS	38.9	50.4	6.7	.2	.4							100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 649

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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			
(W) 350-010	2.0	2.0	.3									4.4	5.0	5.0
020-040	1.3	2.7	.2									4.1	5.5	6.0
050-070	3.3	1.4	.2									4.9	3.9	4.0
(E) 080-100	9.5	4.7	.2									14.4	3.9	3.5
110-130	8.6	4.4										13.0	3.8	4.0
140-160	4.7	3.0	.3									8.0	4.3	4.0
(S) 170-190	5.2	4.1	.3									9.5	4.4	4.0
200-220	6.7	4.7										11.4	4.2	4.0
230-250	3.8	2.2	.2									6.1	4.1	4.0
(W) 260-280	1.6	.5	.2									2.2	4.4	4.0
290-310	.6	.6	.2									1.4	5.4	5.0
320-340	1.3	1.3	.2									2.7	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											18.0	////////	
TOTALS	48.6	31.6	2.3									100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.7	1.5	.2									4.4	4.3	4.0
020-040	1.7	1.5										3.1	4.9	4.0
050-070	2.7	.2										2.9	2.8	2.0
(E) 080-100	5.6	.7										6.3	3.1	3.0
110-130	7.3	1.7										9.0	3.0	2.0
140-160	3.6	4.4										8.0	4.7	5.0
(S) 170-190	7.5	6.8	1.0									15.3	5.0	5.0
200-220	6.8	4.6	.7									12.1	4.5	4.0
230-250	2.2	.7	.5									3.4	4.6	4.0
(W) 260-280	.5	1.0										1.5	5.5	5.5
290-310	.5	.5										1.0	4.8	4.0
320-340	1.0	.7	.2	.2								2.2	6.2	5.0
VARIABLE														
CALM	////////////////////////////////////											31.0	////////	
TOTALS	42.1	24.3	2.6	.2								100.0	3.0	4.0

TOTAL NUMBER OF OBSERVATIONS 413

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	3.3	.3									6.6	5.2	5.0
020-040	2.1	2.9	.2									5.2	5.2	5.0
050-070	2.0	2.1	.2	.0								4.4	5.0	5.0
(E) 080-100	4.0	3.6	.2									7.8	4.6	4.0
110-130	4.2	2.6	.1									6.8	4.2	4.0
140-160	3.1	2.9	.2									6.1	4.6	4.0
(S) 170-190	5.2	4.7	.4									10.3	4.8	4.0
200-220	6.5	7.3	.6	.0	.0							14.4	5.0	5.0
230-250	4.4	4.1	.8									9.2	5.2	5.0
(W) 260-280	2.6	1.4	.1		.0							4.1	4.4	4.0
290-310	3.0	1.9	.4									5.3	4.8	4.0
320-340	4.7	3.2	.4	.1								8.4	4.7	4.0
VARIABLE														
CALM	////////////////////											11.3	////////	
TOTALS	44.8	40.0	3.9	.1								100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 3652

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: PORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

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

AND/OR

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	5.5	8.2									13.7	5.6	6.0
020-040	8.2	4.1	1.4								13.7	4.6	4.0
050-070	6.8	5.5									12.3	4.6	4.0
(E) 080-100	2.7	6.2									8.9	5.4	6.0
110-130	1.4	1.4									2.7	4.8	5.0
140-160	2.7	1.4									4.1	3.0	2.5
(S) 170-190	4.8	2.1									6.8	3.9	4.0
200-220	4.8	1.4		.7							6.8	5.6	4.0
230-250	2.7	2.7									5.5	4.4	4.5
(W) 260-280	1.4		.7								2.1	4.0	1.0
290-310	2.7										2.7	2.0	2.0
320-340	6.2	3.4									9.6	3.9	4.0
VARIABLE													
CALM	////////////////////										11.0	////////	
TOTALS	49.9	36.4	2.1	.7							100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 146

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	8.0	2.4	.6									11.0	4.1	4.0
020-040	3.3	2.7										6.1	4.1	4.0
050-070	1.4	.6										2.1	3.6	3.0
(E) 080-100	1.1	.3										1.4	3.6	3.0
110-130	1.1	.3										1.4	2.8	2.0
140-160	1.0	.5										1.4	4.0	4.0
(S) 170-190	3.0	1.6	.2									4.8	4.1	4.0
200-220	7.5	5.9	1.1									14.5	4.8	4.0
230-250	9.6	5.1	.6									15.3	4.2	4.0
(W) 260-280	6.2	1.8										8.0	3.5	4.0
290-310	4.1	1.3	.2									5.6	3.0	2.0
320-340	4.5	2.6										7.0	3.6	3.0
VARIABLE														
CALM	////////////////////											21.4	////////	
TOTALS	50.8	25.1	2.7									100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 627

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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			
(W) 350-010	4.4	4.2	.2									8.8	4.7	4.5
020-040	3.6	1.9	.2									5.7	4.2	4.0
050-070	1.7	1.6										3.3	4.5	4.0
(E) 080-100	1.9	1.9	.2									3.9	4.4	5.0
110-130	.3	1.1										1.4	5.9	6.0
140-160	3.1	1.3	.2									4.6	3.9	4.0
(S) 170-190	3.8	2.4										6.1	4.3	4.0
200-220	6.9	5.8	1.1									13.8	4.9	4.5
230-250	5.2	5.5	1.4									12.1	5.5	5.0
(W) 260-280	7.5	2.7	.2									10.4	3.8	3.5
290-310	9.1	2.0	.2									11.3	3.5	3.0
320-340	10.2	4.2										14.5	3.6	3.0
VARIABLE														
CALM	////////////////////////////////////											4.1	////////	
TOTALS	57.7	34.6	3.7									100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 636

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.1	2.1	.5									7.6	4.4	4.0
020-040	2.5	2.4	.3									5.2	4.8	5.0
050-070	1.7	1.7										3.5	4.8	4.5
(E) 080-100	1.7	2.1	.3									4.1	5.3	5.0
110-130	1.6	.9										2.5	4.6	4.0
140-160	2.4	1.9	.2									4.4	4.4	4.0
(S) 170-190	6.5	2.5	.2									9.2	4.2	4.0
200-220	6.5	7.7	1.3									15.5	5.3	5.0
230-250	6.2	4.7	1.4									12.3	5.2	4.5
(W) 260-280	5.1	2.4	.6									8.1	4.6	4.0
290-310	6.0	2.8	.3									9.2	4.2	4.0
320-340	8.8	3.9	.6									13.4	4.3	4.0
VARIABLE														
CALM	////////////////////											5.1	////////	
TOTALS	54.1	35.1	5.7									100.0	4.4	4.0

TOTAL NUMBER OF OBSERVATIONS 633

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	1.9	.2									6.4	3.9	3.5
020-040	3.0	1.4	.2									4.6	4.3	4.0
050-070	3.7	.6	.2									4.5	3.5	3.0
(E) 080-100	2.4	4.6	.2									7.2	5.2	5.0
110-130	2.7	4.1										6.8	4.8	5.0
140-160	4.1	3.0	.5									7.6	4.7	4.0
(S) 170-190	6.2	4.9	.5									11.6	4.6	4.0
200-220	6.4	7.2	1.0									14.5	5.6	5.0
230-250	4.1	4.5	1.1									9.7	5.4	5.0
(W) 260-280	3.5	2.5	.2									6.2	4.4	4.0
290-310	3.8	1.9	.5									6.2	4.2	4.0
320-340	5.6	2.5	.2									8.3	4.0	4.0
VARIABLE														
CALM	////////////////////											6.5	////////	
TOTALS	49.8	39.1	4.8									100.0	4.4	4.0

TOTAL NUMBER OF OBSERVATIONS 629

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	1.8	1.1										2.9	4.2	4.0	
020-040	2.6	1.0	.2									3.7	3.8	3.0	
050-070	4.3	.5										4.8	2.9	2.0	
(E) 080-100	6.6	2.9	.3									9.8	3.8	4.0	
110-130	6.6	1.6										8.2	3.1	2.0	
140-160	5.8	4.5	.3									10.6	4.5	4.0	
(S) 170-190	5.5	3.2	1.1									9.8	5.0	4.0	
200-220	7.1	5.5	.6									13.2	4.7	4.0	
230-250	6.3	2.4	.2									8.9	4.2	4.0	
(W) 260-280	1.6	.3	.2									2.1	3.9	4.0	
290-310	1.1	.5		.2								1.8	4.8	4.0	
320-340	1.1	.8	.2									2.1	4.3	3.0	
VARIABLE															
CALM	////////////////////////////////////												22.1	////////////////////////////////	
TOTALS	50.4	24.3	3.1	.2								100.0	3.3	4.0	

TOTAL NUMBER OF OBSERVATIONS 621

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	2.0	1.3										3.3	3.5	2.0	
020-040	1.0	.8										1.8	3.6	2.0	
050-070	1.3											1.3	2.4	2.0	
(E) 080-100	4.3	.3										4.5	2.4	2.0	
110-130	3.8	.5										4.3	2.5	2.0	
140-160	3.3	4.8	.3									8.3	5.2	5.0	
(S) 170-190	7.8	7.0	1.0									15.8	4.8	5.0	
200-220	7.8	5.3	1.0									14.1	4.9	4.0	
230-250	2.8	.5										3.3	3.8	4.0	
(W) 260-280	2.3	.8										3.0	3.5	3.0	
290-310	.3	.5	.3									1.0	7.0	5.5	
320-340	.8			.3								1.0	6.5	4.0	
VARIABLE															
CALM	////////////////////////////////////												38.4	////////	
TOTALS	37.5	21.8	2.6	.3								100.0	2.7	4.0	

TOTAL NUMBER OF OBSERVATIONS 398

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	4.4	2.2	.3									6.9	4.2	4.0
020-040	2.8	1.7	.1									4.7	4.2	4.0
050-070	2.4	.9	.0									3.4	3.7	4.0
(E) 080-100	2.9	2.1	.2									5.2	4.3	4.0
110-130	2.6	1.5										4.1	3.9	4.0
140-160	3.3	2.5	.2									6.0	4.5	4.0
(S) 170-190	5.3	3.4	.5									9.1	4.5	4.0
200-220	7.0	6.3	1.0									14.3	5.0	5.0
230-250	5.9	4.0	.8									10.7	4.9	4.0
(W) 260-280	4.5	1.8	.2									6.5	4.0	4.0
290-310	4.3	1.6	.2	.0								6.2	3.9	4.0
320-340	5.5	2.5	.2	.0								8.2	3.9	4.0
VARIABLE														
CALM	////////////////////////////////////											14.8	////////	
TOTALS	50.9	30.5	3.7									100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 3544

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	5.1	2.3	.6									8.0	4.5	4.0
020-040	4.5	2.8										7.4	4.3	4.0
050-070	4.0	1.1										5.1	2.9	2.0
(E) 080-100	4.0	1.1										5.1	3.0	3.0
110-130	1.7											1.7	1.3	1.0
140-160	2.3	1.1										3.4	4.0	3.5
(S) 170-190	2.3	1.7										4.0	4.0	3.0
200-220	5.7	6.8	1.7									14.2	5.2	5.0
230-250	8.5	5.1	.6									14.2	4.4	4.0
(W) 260-280	8.5	2.3										10.8	3.5	3.0
290-310	1.7	2.8	.6	.6								5.7	6.6	5.5
320-340	2.8	.6	.6									4.0	4.6	4.0
VARIABLE														
CALM	////////////////////											16.5	////////	
TOTALS	51.1	27.7	4.1	.6								100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 176

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	9.9	3.7										13.6	3.7	4.0
020-040	8.2	2.2	.1									10.6	3.6	4.0
050-070	1.9	1.6										3.6	4.3	4.0
(E) 080-100	1.8	.3										2.1	3.6	4.0
110-130	1.0											1.0	3.1	4.0
140-160	1.3	.3	.4									2.1	5.6	4.0
(S) 170-190	1.9	1.9	.4									4.3	4.8	5.0
200-220	5.2	4.0	.7									10.0	4.9	4.0
230-250	6.7	3.6	.3									10.6	4.3	4.0
(W) 260-280	3.9	1.2	.1									5.2	3.3	2.0
290-310	3.0	1.0										4.0	3.3	3.0
320-340	3.4	2.2	.3									6.0	4.5	4.0
VARIABLE														
CALM	////////////////////											26.9	////////	
TOTALS	48.2	22.0	2.3									100.0	3.0	4.0

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: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	7.9	5.7	.7									14.3	4.8	4.0
020-040	2.8	3.9	.6									7.3	5.4	5.0
050-070	3.3	4.5	.4									8.2	5.4	5.0
(E) 080-100	2.7	2.5	.1									5.4	4.6	4.5
110-130	1.5	1.8										3.3	4.8	5.0
140-160	1.6	1.6	.1									3.4	4.7	5.0
(S) 170-190	4.0	3.7	.1	.1								8.0	5.3	4.5
200-220	4.3	3.3	.6									8.2	4.9	4.0
230-250	4.2	6.3	.9									11.3	5.4	5.5
(W) 260-280	3.4	3.1										6.5	4.7	4.0
290-310	4.8	1.2		.1								6.1	3.6	3.0
320-340	9.5	3.4										12.9	3.7	3.0
VARIABLE														
CALM	////////////////////////////////////											5.1	////////	
TOTALS	50.0	41.0	3.5	.2								100.0	4.5	4.0

TOTAL NUMBER OF OBSERVATIONS 672

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	5.2	2.8	.1									8.1	4.2	4.0
020-040	3.1	4.9										8.0	4.9	5.0
050-070	2.8	4.4	.4	.1								7.9	5.5	5.0
(E) 080-100	3.1	2.8	.6									6.5	5.2	5.0
110-130	1.6	2.8	.3									4.7	5.6	6.0
140-160	2.4	1.5										3.9	4.8	4.0
(S) 170-190	4.3	3.4	.1									7.9	4.6	4.0
200-220	4.6	8.9	.9									14.4	5.8	6.0
230-250	4.4	4.9	1.0									10.4	5.4	5.0
(W) 260-280	3.0	1.9	.9									5.8	5.4	4.0
290-310	5.2	2.5										7.7	4.1	4.0
320-340	7.0	4.4	.1									11.6	4.2	4.0
VARIABLE														
CALM	////////////////////////////////////											3.3	////////	
TOTALS	46.7	45.2	4.4	.1								100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 675

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	5.2	2.1	.4									7.7	4.0	4.0
020-040	3.6	2.5	.4									6.5	4.7	4.0
050-070	3.9	4.0	.3									8.2	4.8	5.0
(E) 080-100	4.7	7.3	.6									12.6	5.3	5.0
110-130	4.5	2.7										7.1	4.4	4.0
140-160	3.4	1.9	.6									5.9	4.8	4.0
(S) 170-190	6.2	4.5	.3									11.0	4.4	4.0
200-220	4.7	7.9	.6									13.2	5.3	6.0
230-250	2.8	3.6	.4									6.8	5.6	5.0
(W) 260-280	1.3	1.6	.6									3.6	6.0	6.0
290-310	3.4	1.9	.1									5.5	4.0	4.0
320-340	3.7	2.1	.1									5.9	3.9	4.0
VARIABLE														
CALM	////////////////////											5.9	////////	
TOTALS	47.4	42.1	4.4									100.0	4.5	4.0

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: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	3.0	1.2	.1									4.3	4.1	4.0
020-040	2.8	1.3										4.2	4.1	4.0
050-070	5.1	1.6	.1									6.9	3.2	3.0
(E) 080-100	6.4	2.2	.1									8.8	3.9	3.0
110-130	9.7	1.8	.1									11.7	3.1	2.5
140-160	4.6	2.8	.3									7.8	4.4	4.0
(S) 170-190	5.1	4.5	.1									9.7	4.2	4.0
200-220	5.8	3.0	.4									9.3	4.3	4.0
230-250	3.7	1.9	.1	.1								6.0	4.3	3.0
(W) 260-280	1.3	.1										1.5	3.0	3.0
290-310	.9											.9	2.7	2.5
320-340	1.6	1.2	.1									3.0	4.1	4.0
VARIABLE														
CALM	////////////////////											26.0	////////	
TOTALS	50.0	21.6	1.4	.1								100.0	2.9	3.0

TOTAL NUMBER OF OBSERVATIONS 669

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	1.6										4.5	3.8	3.5
020-040	2.2	.4										2.7	3.1	2.0
050-070	2.2	.4										2.7	3.0	2.0
(E) 080-100	3.6	.9										4.5	2.8	2.0
110-130	4.0	.7										4.7	2.7	2.0
140-160	4.0	2.5										6.5	4.3	4.0
(S) 170-190	5.6	4.7	1.6	.2								12.1	5.4	5.0
200-220	4.5	4.5										9.0	4.4	4.5
230-250	5.2	1.1										6.3	3.0	2.0
(W) 260-280	.9	.9	.2									2.0	4.8	5.0
290-310	.4	.7										1.1	4.2	5.0
320-340	1.8	1.1		.2								3.1	4.9	4.0
VARIABLE														
CALM	////////////////////////////////////											40.8	////////////////////////////////	
TOTALS	37.3	19.5	1.8	.4								100.0	2.4	3.0

TOTAL NUMBER OF OBSERVATIONS 446

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	5.8	2.9	.3								9.0	4.2	4.0
020-040	3.9	2.7	.2								6.8	4.4	4.0
050-070	3.3	2.9	.2	.0							6.4	4.6	4.0
(E) 080-100	3.7	2.8	.3								6.8	4.6	4.0
110-130	3.7	1.7	.1								5.5	3.9	4.0
140-160	2.8	1.7	.3								4.8	4.7	4.0
(S) 170-190	4.5	3.7	.4	.1							8.6	4.7	4.0
200-220	4.9	5.3	.6								10.8	5.1	5.0
230-250	4.5	3.7	.5	.0							8.7	4.9	4.0
(W) 260-280	2.4	1.5	.3								4.2	4.7	4.0
290-310	3.1	1.3	.0	.0							4.4	3.8	4.0
320-340	4.7	2.5	.1	.0							7.3	4.1	4.0
VARIABLE													
CALM	////////////////////										16.6	////////	
TOTALS	47.3	32.7	3.3	.1							100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 3806

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

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

AND/OR

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	17.7	6.9	3.0								27.6	4.9	4.0
020-040	4.7	5.6	.4								10.8	5.0	5.0
050-070	2.6	6.9									9.5	5.5	5.0
(E) 080-100	3.4	2.2	.4								6.0	4.6	4.0
110-130	2.2	.4									2.6	3.2	3.0
140-160	1.7										1.7	3.3	3.5
(S) 170-190	1.3	.4									1.7	4.0	4.0
200-220	2.2	.9									3.0	3.3	3.0
230-250	2.2	1.7	.4								4.3	5.4	5.0
(W) 260-280	2.2	.4	.4								3.0	3.9	2.0
290-310	1.3	.4		.4							2.2	6.8	4.0
320-340	6.5	5.2	.4								12.1	4.5	4.0
VARIABLE													
CALM	////////////////////////////////////										15.5	////////////////////////////////	
TOTALS	48.0	31.0	5.0	.4							100.0	4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 232

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.1	5.8	.7	.2								14.7	4.6	4.0
020-040	7.9	5.8	.3									14.0	4.4	4.0
050-070	2.1	1.3	.3									3.8	4.3	4.0
(E) 080-100	2.1	.2	.2									2.5	3.3	3.0
110-130	.5	.5										1.0	5.5	5.5
140-160	.3	.2	.2									.7	5.0	4.0
(S) 170-190	2.6	1.8										4.5	4.1	4.0
200-220	5.3	4.1	.8									10.2	4.8	4.0
230-250	4.5	1.3										5.8	3.4	3.0
(W) 260-280	2.8	.5										3.3	2.7	2.0
290-310	2.3	1.3		.2	.2							4.0	5.7	4.0
320-340	2.8	1.3	.3									4.5	4.2	4.0
VARIABLE														
CALM	////////////////////											31.2	////////	
TOTALS	41.3	24.1	2.8	.4	.2							100.0	3.0	4.0

TOTAL NUMBER OF OBSERVATIONS 606

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	4.0	6.6	.8									11.4	5.6	6.0
020-040	4.0	6.8	1.7									12.4	6.2	6.0
050-070	3.8	7.6	1.0									12.4	5.9	6.0
(E) 080-100	3.3	2.5	.3									6.1	4.7	4.0
110-130	1.7	1.5	.3									3.5	5.6	5.0
140-160	2.0	1.0	.3	.2								3.5	4.7	4.0
(S) 170-190	2.3	3.0	.3									5.6	5.1	5.0
200-220	6.3	3.3	.5									10.1	4.5	4.0
230-250	4.0	3.1	.7									7.8	5.1	4.0
(W) 260-280	4.3	1.7	.3									6.3	4.0	3.5
290-310	4.3	1.8	.5									6.6	4.2	4.0
320-340	5.8	3.6	.2									9.6	4.0	3.0
VARIABLE														
CALM	////////////////////											5.0	////////	
TOTALS	45.8	42.5	6.9	.2								100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 606

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	5.6	5.0	.3									10.9	4.9	4.0
020-040	2.6	6.6	2.3	.3								11.9	6.9	6.0
050-070	2.8	5.4	.5									8.7	5.4	5.0
(E) 080-100	2.6	4.8	.2									7.6	5.6	5.5
110-130	2.6	1.8	.2									4.6	4.4	4.0
140-160	2.1	1.5	1.0									4.6	5.5	5.5
(S) 170-190	3.8	4.0	.5									8.3	5.1	5.0
200-220	3.8	6.1	.7									10.6	5.6	6.0
230-250	2.8	5.0	.8									8.6	5.6	5.0
(W) 260-280	2.8	2.8	.3									5.9	4.8	5.0
290-310	5.4	3.6	.3									9.4	4.5	4.0
320-340	3.8	1.8										5.6	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											3.3	////////	
TOTALS	40.7	48.4	7.1	.3								100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 606

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	2.6	.8									6.4	5.1	5.0
020-040	5.9	3.5	1.2									10.6	4.9	4.0
050-070	5.1	5.1	1.0									11.2	5.2	5.0
(E) 080-100	8.6	5.0										13.5	4.2	4.0
110-130	3.6	2.6	.2									6.4	4.5	4.0
140-160	2.8	1.2										4.0	3.4	3.0
(S) 170-190	4.8	2.0	.8									7.6	4.4	4.0
200-220	3.3	5.3	.7									9.2	5.7	6.0
230-250	4.8	3.3	.2									8.3	4.6	4.0
(W) 260-280	3.3	2.5										5.8	4.3	4.0
290-310	1.2	2.3										3.5	4.8	5.0
320-340	4.1	2.3	.2									6.6	4.0	3.0
VARIABLE														
CALM	////////////////////											6.9	////	////
TOTALS	50.5	37.7	5.1									100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 606

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	1.5	.3									4.3	4.3	4.0
020-040	3.6	2.8	.5									7.0	4.6	4.0
050-070	4.6	1.7	.3									6.6	4.0	3.0
(E) 080-100	7.5	3.1	.2									10.8	3.7	3.0
110-130	6.0	1.5										7.5	3.0	2.0
140-160	2.5	.8										3.3	3.0	2.5
(S) 170-190	4.3	2.2	.5									7.0	4.4	4.0
200-220	6.0	3.1										9.1	3.8	4.0
230-250	2.5	.8										3.3	3.5	3.0
(W) 260-280	.7	.2										.8	2.2	1.0
290-310	1.0	.5	.3									1.8	5.0	4.0
320-340	1.0	1.2										2.2	4.4	5.0
VARIABLE														
CALM	////////////////////											36.4	////////	
TOTALS	42.2	19.4	2.1									100.0	2.5	3.0

TOTAL NUMBER OF OBSERVATIONS 604

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	2.7	2.0	.5									5.2	5.0	4.0
020-040	3.5	2.2	.2									6.0	4.3	4.0
050-070	2.7	.5	.5									3.7	4.4	4.0
(E) 080-100	2.2	1.7	.2									4.2	4.7	4.0
110-130	1.7	.5										2.2	3.4	2.0
140-160	1.5	3.2										4.7	4.9	5.0
(S) 170-190	3.0	3.7	.5									7.2	5.1	6.0
200-220	5.2	5.2										10.4	4.7	4.5
230-250	2.2	.5										2.7	2.9	3.0
(W) 260-280	1.0											1.0	2.0	2.0
290-310	.2	.2	.2									.7	8.0	6.0
320-340	1.0	.7										1.7	4.7	4.0
VARIABLE														
CALM	////////////////////											50.0	////////	
TOTALS	26.9	20.4	2.1									100.0	2.3	4.0

TOTAL NUMBER OF OBSERVATIONS 402

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	4.4	4.0	.6	.0							9.0	5.0	5.0
020-040	4.7	4.8	1.1	.1							10.6	5.3	5.0
050-070	3.6	3.8	.6								8.0	5.1	5.0
(E) 080-100	4.5	2.9	.2								7.6	4.4	4.0
110-130	2.7	1.5	.1								4.3	4.1	4.0
140-160	1.9	1.2	.3	.0							3.4	4.4	4.0
(S) 170-190	3.5	2.7	.4								6.6	4.7	4.0
200-220	5.0	4.5	.5								9.9	4.9	4.5
230-250	3.5	2.4	.3								6.3	4.6	4.0
(W) 260-280	2.6	1.3	.1								4.0	4.0	4.0
290-310	2.5	1.7	.2	.0	.0						4.5	4.8	4.0
320-340	3.2	1.9	.1								5.2	4.1	4.0
VARIABLE													
CALM	////////////////////										20.5	////////	
TOTALS	42.1	32.7	4.5	.1							100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 3430

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	10.0	11.3	.4	.4								22.1	5.1	5.0
020-040	6.7	6.7	1.3									14.6	5.1	5.0
050-070	4.6	4.2	.4									9.2	4.8	4.5
(E) 080-100	3.8	2.5	.4									6.7	4.6	4.0
110-130	1.7	2.1	.4									4.2	5.8	5.0
140-160	1.7	.8										2.5	3.5	3.0
(S) 170-190	1.3											1.3	2.7	2.0
200-220	.4	.4										.8	5.5	5.5
230-250	2.5	1.3										3.8	3.3	3.0
(W) 260-280	.4	2.5										2.9	5.9	5.0
290-310	2.1	2.9	.4	.4	.4							6.2	7.9	6.0
320-340	3.8	3.3	.8									7.9	5.1	5.0
VARIABLE														
CALM	////////////////////////////////////											17.9	////////////////////////////////	
TOTALS	39.0	38.0	4.1	.8	.4							100.0	4.2	5.0

TOTAL NUMBER OF OBSERVATIONS 240

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	8.3	4.2	.5	.3								13.3	4.5	4.0
020-040	3.6	5.5	.5	.5								10.0	5.9	6.0
050-070	2.3	2.5										4.9	4.7	5.0
(E) 080-100	1.9	.2										2.0	2.5	2.0
110-130	2.2	1.3										3.4	4.0	4.0
140-160	1.7	1.6	.5									3.8	5.2	5.0
(S) 170-190	3.3	1.1	.2									4.5	3.8	3.0
200-220	4.2	1.3		.2								5.6	3.6	3.0
230-250	3.0	.6										3.6	3.6	3.0
(W) 260-280	2.7	1.1										3.8	3.5	3.0
290-310	2.5	1.4	.3									4.2	4.4	4.0
320-340	4.1	5.9	.8									10.8	5.5	6.0
VARIABLE														
CALM	////////////////////////////////////											30.0	////////////////////////////////	
TOTALS	39.8	26.7	2.8	1.0								100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	3.1	8.6	1.1	.3								13.1	6.2	6.0
020-040	2.3	6.3	1.6	.3	.2							10.6	6.8	6.0
050-070	2.3	2.8	1.4									6.6	6.4	6.0
(E) 080-100	1.7	2.2	.3									4.2	5.3	5.0
110-130	1.4	1.4										2.8	4.3	4.5
140-160	3.1	4.4	.3									7.8	5.6	6.0
(S) 170-190	4.2	2.8	.6									7.7	4.9	4.0
200-220	2.2	3.4	.5									6.1	5.4	5.0
230-250	3.1	3.0	.3									6.4	5.1	5.0
(W) 260-280	2.3	1.6										3.9	4.2	4.0
290-310	4.2	4.1	.9									9.2	4.8	5.0
320-340	6.7	6.9	2.3									16.0	5.6	5.0
VARIABLE														
CALM	////////////////////											5.5	////////	
TOTALS	36.6	47.5	9.3	.6	.2							100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: PORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	4.1	4.5	.6	.2								9.4	5.4	5.0
020-040	1.6	4.5	.9	.3								7.4	7.0	7.0
050-070	3.1	3.6	.6									7.4	5.5	6.0
(E) 080-100	1.6	4.4	.5									6.4	6.0	6.0
110-130	1.9	2.0	.3									4.2	5.3	5.0
140-160	2.2	4.9	.8									7.8	5.9	5.5
(S) 170-190	3.9	4.4	.6									8.9	5.2	5.0
200-220	3.9	4.4	.9									9.2	5.6	5.0
230-250	1.9	3.4	1.1									6.4	6.4	6.0
(W) 260-280	2.5	3.0										5.5	4.9	5.0
290-310	4.9	5.2	1.6	.3								11.9	6.0	5.0
320-340	6.4	5.5	1.3	.3								13.5	5.7	5.0
VARIABLE														
CALM	////////////////////////////////////											2.0	////////////////////////////////	
TOTALS	38.0	49.8	9.2	1.1								100.0	5.6	5.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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			
(W) 350-010	4.7	3.3	1.3									9.3	5.4	4.0
020-040	1.7	4.6	.5									6.8	5.7	6.0
050-070	3.1	4.2	.3									7.7	5.1	5.0
(E) 080-100	4.7	4.9	.6									10.2	5.0	5.0
110-130	3.3	2.7	.2									6.1	4.7	4.0
140-160	4.1	4.9	.8									9.7	5.3	5.0
(S) 170-190	4.9	3.0	.2									8.0	4.5	4.0
200-220	4.7	3.3	.6									8.6	4.9	4.0
230-250	2.8	1.9	.3									5.0	4.6	4.0
(W) 260-280	1.9	2.5	.3									4.7	5.4	5.0
290-310	2.2	3.1	1.4									6.8	6.4	7.0
320-340	3.0	4.4	1.9									9.3	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											7.8	////////////////////////////////	
TOTALS	41.1	42.8	8.4									100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 637

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	2.1	.3									5.4	4.7	4.0
020-040	5.2	2.8	.3									8.4	4.4	4.0
050-070	2.2	1.1	.3	.2								3.8	5.1	3.5
(E) 080-100	5.2	2.2	.3									7.7	4.0	4.0
110-130	6.0	1.3	.2									7.4	3.2	3.0
140-160	3.3	3.0										6.3	4.6	4.0
(S) 170-190	3.5	.8	.5									4.7	4.5	4.0
200-220	5.2	1.1	.3									6.6	3.7	3.0
230-250	2.5	.8										3.3	3.2	3.0
(W) 260-280	.9	.8	.3									2.1	5.9	7.0
290-310	1.1	.3	.3									1.7	5.0	3.0
320-340	1.4	2.7	1.6									5.7	6.8	6.5
VARIABLE														
CALM	////////////////////											36.9	////////	
TOTALS	39.5	19.0	4.4	.2								100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 634

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.0	2.8	.2									8.1	4.6	4.0
020-040	3.6	2.8	.2									6.6	4.2	4.0
050-070	1.9	2.4	.2	.2								4.7	5.8	5.5
(E) 080-100	1.4	.5	.2									2.1	3.9	2.0
110-130	2.4	.9	.7									4.0	4.8	2.0
140-160	2.4	4.0	.7									7.1	5.8	6.0
(S) 170-190	4.0	1.7										5.7	3.4	2.5
200-220	3.1	2.6	.2									5.9	4.8	4.0
230-250	2.1	1.7	.2									4.0	4.8	4.0
(W) 260-280	.9	2.1										3.1	5.2	5.0
290-310	.5	.9	.5									1.9	7.1	8.0
320-340	.7	2.4	.7	.2								4.0	7.6	7.0
VARIABLE														
CALM	////////////////////////////////////											42.7	//////////	
TOTALS	28.0	24.8	3.8	.4								100.0	2.9	5.0

TOTAL NUMBER OF OBSERVATIONS 422

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		4.7	4.3	.7	.1								9.9	5.2	5.0
020-040		3.0	4.5	.7	.2	.0							8.4	5.8	6.0
050-070		2.5	2.8	.5	.1								5.9	5.5	5.0
(E) 080-100		2.8	2.5	.3									5.7	4.8	4.5
110-130		2.9	1.6	.2									4.7	4.3	4.0
140-160		2.8	3.8	.5									7.1	5.4	5.0
(S) 170-190		4.0	2.3	.4									6.6	4.5	4.0
200-220		3.9	2.7	.4	.0								7.1	4.7	4.0
230-250		2.6	1.9	.3									4.8	4.9	4.0
(W) 260-280		1.9	1.8	.1									3.9	4.8	4.5
290-310		2.7	2.6	.9	.1								6.2	5.6	5.0
320-340		3.9	4.8	1.5	.1								10.2	6.0	6.0
VARIABLE															
CALM		////////////////////////////////////										19.5	////////////////////////////////		
TOTALS		37.7	35.6	6.5	.6								100.0	4.2	5.0

TOTAL NUMBER OF OBSERVATIONS 3610

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

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

AND/OR

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

WIND SPEED IN KNOTS												
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												%
(N) 350-010	5.5	3.9	2.1	.3								11.8
020-040	5.8	7.3	1.3	1.8	.3							16.5
050-070	3.4	4.5	1.6	.5								10.0
(E) 080-100	3.1	5.5	1.6									10.2
110-130	3.1	3.1	1.0									7.3
140-160	2.9	2.9	.5									6.3
(S) 170-190	2.1	.8	.3									3.1
200-220	1.8											1.8
230-250	1.6	.5	.3									2.4
(W) 260-280	1.6	1.6	.3									3.4
290-310	2.4	1.8	.8									5.0
320-340	2.9	4.2	.8									7.9
VARIABLE												
CALM	////////////////////										14.2	////////////////
TOTALS	36.2	36.1	10.6	2.6	.3							100.0

TOTAL NUMBER OF OBSERVATIONS 381

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	4.8	7.9	1.4	.2								14.3	6.1	6.0
020-040	4.3	1.8										6.1	4.1	4.0
050-070	1.6	.7										2.3	3.3	2.0
(E) 080-100	1.1	.4	.5									2.0	5.4	4.0
110-130	1.1	.5	.7	.2	.2							2.7	8.5	8.0
140-160	1.1	1.1	.4									2.5	5.4	5.0
(S) 170-190	2.9	2.7	.9									6.5	5.4	5.0
200-220	4.3	2.2	.5									7.0	4.6	4.0
230-250	2.7	3.0	.7									6.5	5.5	6.0
(W) 260-280	3.8	3.6	.4									7.7	4.4	5.0
290-310	1.4	2.3	.2	.4								4.3	6.3	6.0
320-340	1.4	2.0	.2	.2								3.8	5.5	6.0
VARIABLE														
CALM	////////////////////////////////////											34.4	////////////////////////////////	
TOTALS	30.5	28.2	5.9	1.0	.2							100.0	3.5	5.0

TOTAL NUMBER OF OBSERVATIONS 558

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	2.0	9.1	1.1									12.2	6.7	7.0
020-040	2.5	4.7	1.1	.2								8.4	6.3	6.0
050-070	2.3	2.7	.2									5.2	5.3	5.0
(E) 080-100	2.2	2.3	.2									4.7	5.0	5.0
110-130	1.4	1.8	.9	.2	.2							4.5	7.2	6.0
140-160	2.2	1.1	.5									3.8	5.3	4.0
(S) 170-190	4.7	2.7	1.1									8.4	5.2	4.0
200-220	4.7	3.6	.9									9.1	5.2	4.0
230-250	3.4	3.4	1.6									8.4	5.6	5.0
(W) 260-280	1.6	2.5	1.3									5.4	6.4	6.0
290-310	2.7	4.7	1.6	.2	.2							9.3	6.8	6.0
320-340	3.0	5.0	1.3									9.3	5.8	5.0
VARIABLE														
CALM	////////////////////////////////////											11.3	////////////////////////////////	
TOTALS	32.7	43.6	11.8	.6	.4							100.0	5.3	6.0

TOTAL NUMBER OF OBSERVATIONS 558

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

DIRECTION (DEGREE)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	5.9	1.3									11.7	5.6	6.0
020-040	2.3	2.7	1.1									6.1	6.3	6.0
050-070	2.0	1.6										3.6	4.8	4.0
(E) 080-100	2.9	2.3	.4									5.6	5.1	4.0
110-130	1.6	1.6	.4	.2		.2						3.9	6.8	6.0
140-160	2.7	2.9	.7	.2								6.5	5.9	5.0
(S) 170-190	4.8	3.8	1.4									10.1	5.3	5.0
200-220	3.8	7.0	.7									11.5	5.8	6.0
230-250	2.7	4.8	1.6									9.2	6.2	6.0
(W) 260-280	1.4	2.9	1.6	.2								6.1	7.4	8.0
290-310	3.8	4.5	2.7	.4								11.3	7.0	6.0
320-340	2.9	6.1	2.5	.4								11.8	7.2	7.0
VARIABLE														
CALM	////////////////////											2.7	////////	
TOTALS	35.4	46.1	14.4	1.4		.2						100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 557

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	4.0	4.5	1.3	.2								9.9	6.0	6.0
020-040	1.8	2.0	.5									4.3	5.0	5.0
050-070	2.5	1.3	.2									4.0	4.4	4.0
(E) 080-100	5.8	1.6		.4								7.7	4.1	3.0
110-130	3.2	.9	.4	.2	.4		.2					5.2	6.9	4.0
140-160	4.1	2.2	1.6									7.9	5.5	4.0
(S) 170-190	4.3	4.0	.9									9.2	5.1	5.0
200-220	4.7	3.6	.4	.2								8.8	5.2	4.0
230-250	2.3	3.6										5.9	5.1	5.0
(W) 260-280	1.4	3.1	.7									5.2	6.5	7.0
290-310	2.9	2.3	2.3									7.6	6.5	6.0
320-340	3.2	4.7	2.7									10.6	6.6	7.0
VARIABLE														
CALM	////////////////////////////////////											13.5	////////	
TOTALS	40.2	33.8	11.0	1.0	.4		.2					100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 555

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	4.5	.9									7.7	6.3	6.0
020-040	2.9	2.5	.4									5.8	4.5	4.5
050-070	2.0	1.1										3.1	3.9	3.0
(E) 080-100	3.2	.4	.2	.2								4.0	3.8	3.0
110-130	2.7	.9	.5	.2								4.3	5.1	3.5
140-160	3.2	3.1	.7									7.0	5.4	5.0
(S) 170-190	6.5	2.5	1.1									10.1	4.4	3.5
200-220	2.5	2.7	.5									5.8	5.2	5.0
230-250	1.3	1.8	.2									3.2	5.3	5.0
(W) 260-280	2.3	2.0	.5									4.9	5.0	5.0
290-310	1.1	2.0	.4	.4								3.8	6.9	6.0
320-340	.5	2.5	1.3	.2								4.5	7.6	6.0
VARIABLE														
CALM	////////////////////											36.0	////////	
TOTALS	30.5	26.0	6.7	1.0								100.0	3.4	5.0

TOTAL NUMBER OF OBSERVATIONS 556

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	4.9	6.5	.8									12.2	5.4	5.0
020-040	2.7	2.7	.3									5.7	4.9	5.0
050-070	1.9	1.1										3.0	3.9	3.0
(E) 080-100	1.6	.8										2.4	4.1	3.0
110-130	1.6	.5	.3									2.4	4.6	4.0
140-160	3.0	2.4	.3									5.7	4.9	4.0
(S) 170-190	7.6	3.0	1.4									11.9	4.8	4.0
200-220	1.9	1.9	.5									4.3	5.6	5.0
230-250	1.4	2.4	.3	.3								4.3	6.1	5.0
(W) 260-280	1.9	1.9	.8									4.6	6.0	6.0
290-310	1.4	1.1	.3	.3								3.0	6.1	5.0
320-340		2.4	1.1	.5								4.1	9.3	8.0
VARIABLE														
CALM	////////////////////											36.5	////////	
TOTALS	29.9	26.7	6.1	1.1								100.0	3.4	5.0

TOTAL NUMBER OF OBSERVATIONS 370

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	3.7	6.4	1.1	.1								11.3	6.0
020-040	2.8	2.7	.6	.0								6.1	5.3
050-070	2.1	1.4	.1									3.6	4.4
(E) 080-100	2.9	1.3	.2	.1								4.5	4.5
110-130	2.0	1.1	.5	.2	.1	.0	.0					3.9	6.6
140-160	2.7	2.1	.7	.0								5.5	5.5
(S) 170-190	5.0	3.1	1.1									9.2	5.0
200-220	3.7	3.6	.6	.0								8.0	5.3
230-250	2.3	3.2	.8	.0								6.4	5.7
(W) 260-280	2.1	2.7	.9	.0								5.7	5.9
290-310	2.3	2.9	1.3	.3	.0							6.8	6.7
320-340	2.0	3.9	1.5	.2								7.5	6.8
VARIABLE													
CALM	////////////////////										21.6	////////	
TOTALS	33.6	34.4	9.4	.9	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 3154

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: PORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 ~ NOV 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	7.0	8.3	1.6									16.9	5.7	6.0
020-040	6.1	7.7	.3									14.1	5.3	5.0
050-070	1.6	2.2										3.8	4.7	5.5
(E) 080-100	2.6	1.9	2.2	1.0								7.7	7.6	7.0
110-130	2.2	1.3	3.2	1.0	1.0		.3					8.9	11.0	11.0
140-160	1.9	1.6										3.5	4.1	4.0
(S) 170-190	2.6	3.8	1.0									7.3	5.7	5.0
200-220	1.9	2.6	1.0									5.4	6.0	6.0
230-250	1.0	1.9										2.9	4.8	5.0
(W) 260-280	1.6	1.3										2.9	4.2	4.0
290-310	1.3	1.9	.6									3.8	6.1	6.5
320-340	3.2	1.3		.3								4.8	4.5	4.0
VARIABLE														
CALM	////////////////////											17.9	////////	
TOTALS	33.0	35.8	9.9	2.3	1.0		.3					100.0	5.0	6.0

TOTAL NUMBER OF OBSERVATIONS 313

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.9	3.1	.3									9.4	4.3	4.0
020-040	5.4	4.2	.3									9.9	4.9	4.0
050-070	1.6	1.2	.3									3.1	5.6	4.5
(E) 080-100	1.4	1.0	.3									2.8	5.3	5.0
110-130	1.6	1.4	.3									3.3	4.9	5.0
140-160	1.0	.3										1.4	3.4	2.5
(S) 170-190	2.4	1.4	.5	.2								4.5	5.5	4.0
200-220	2.8	3.7	.9									7.3	6.1	5.5
230-250	4.2	2.8	.3									7.3	4.5	4.0
(W) 260-280	2.6	2.8	1.2	.3								7.0	6.1	6.0
290-310	1.6	1.7	2.1	.2								5.6	7.8	8.0
320-340	2.8	4.4	2.1									9.2	6.8	8.0
VARIABLE														
CALM	////////////////////////////////////											29.1	////////////////////////////////	
TOTALS	33.3	28.0	8.6	.7								100.0	3.9	5.0

TOTAL NUMBER OF OBSERVATIONS 574

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	4.7	7.6	1.9									14.2	6.0	6.0
020-040	2.3	5.3	1.1									8.7	6.2	6.0
050-070	1.8	2.3	.6									4.7	5.7	6.0
(E) 080-100	1.3	1.5	.5									3.2	5.6	5.0
110-130	1.8	2.6	.3									4.7	5.0	6.0
140-160	2.3	2.8										5.0	4.9	5.0
(S) 170-190	2.9	2.4		.2								5.5	4.9	4.0
200-220	4.4	3.4	1.8									9.5	5.9	5.0
230-250	4.7	2.8	.3									7.8	4.6	4.0
(W) 260-280	1.6	2.8	1.6	.5								6.5	7.5	7.0
290-310	2.9	3.1	2.9	.2								9.1	7.2	7.5
320-340	4.5	2.9	2.6	.2								10.2	6.3	6.0
VARIABLE														
CALM	////////////////////////////////////											10.8	////////////////////////////////	
TOTALS	35.2	39.5	13.6	1.1								100.0	5.3	6.0

TOTAL NUMBER OF OBSERVATIONS 618

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	4.8	7.1	1.1									13.0	5.6	6.0
020-040	1.8	2.5	1.1									5.4	6.4	6.0
050-070	1.8	1.5	.2									3.4	5.0	4.0
(E) 080-100	1.8	1.6	.3									3.8	5.5	6.0
110-130	.5	2.1	.2									2.8	6.1	6.0
140-160	3.1	2.0	.8									5.9	5.1	4.0
(S) 170-190	4.1	2.8	.5									7.4	5.1	4.0
200-220	3.8	4.9	1.6	.2								10.5	6.0	5.5
230-250	2.3	4.8	.8									7.9	5.9	6.0
(W) 260-280	2.6	4.9	1.6	.2								9.4	6.2	6.0
290-310	3.8	4.3	3.1	1.1								12.3	7.6	8.0
320-340	3.4	4.9	3.1	.5								12.0	7.2	6.0
VARIABLE														
CALM	////////////////////											6.2	////////	
TOTALS	33.8	43.4	14.4	2.0								100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 609

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	4.7	.7									8.2	5.7	6.0
020-040	3.0	3.0	.9									7.0	5.6	5.0
050-070	3.9	1.3										5.2	3.7	4.0
(E) 080-100	3.4	1.4	.4									5.2	4.0	4.0
110-130	1.8	.4	.2									2.3	4.2	4.0
140-160	2.1	1.1	.9									4.1	5.3	4.0
(S) 170-190	3.9	2.7	.7		.2							7.5	5.5	4.0
200-220	3.9	4.1	1.4	.2								9.7	6.0	6.0
230-250	5.4	2.7	.4									8.4	4.4	4.0
(W) 260-280	3.4	3.9	1.3									8.6	5.9	6.0
290-310	2.5	4.3	2.9	.2								9.8	7.4	8.0
320-340	3.6	4.1	2.7	.4								10.7	6.8	6.0
VARIABLE														
CALM	////////////////////											13.2	////////	
TOTALS	39.8	33.7	12.5	.8	.2							100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 559

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	3.6	3.6	.9									8.1	5.1	5.0
020-040	3.2	2.5	1.4									7.0	5.5	6.0
050-070	2.0	2.0	.5									4.5	5.5	6.0
(E) 080-100	3.2	.9										4.1	3.2	2.5
110-130	2.9	.2	.2									3.4	3.0	2.0
140-160	2.7	2.3	.5									5.4	5.0	4.5
(S) 170-190	3.4	1.4	.9									5.7	4.9	3.0
200-220	4.5	2.3	1.1									7.9	4.8	4.0
230-250	5.2	1.8	.2									7.2	4.1	4.0
(W) 260-280	2.5	.5	.2	.2	.2							3.6	5.9	4.0
290-310	2.9	2.0	.9	.7								6.6	7.0	6.0
320-340	2.7	1.8	2.3	.5								7.2	7.1	6.0
VARIABLE														
CALM	////////////////////											29.2	////////	
TOTALS	38.8	21.3	9.1	1.4	.2							100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 442

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	5.2	4.1										9.3	4.6	4.0
020-040	2.7	3.1	.7									6.5	5.4	5.0
050-070	1.7	2.4	.7									4.8	5.9	5.5
(E) 080-100	1.0											1.0	3.3	4.0
110-130	.7	.3										1.0	4.7	4.0
140-160	2.1	1.0	1.0									4.1	5.8	5.0
(S) 170-190	3.1	5.2										8.2	4.9	5.0
200-220	1.7	5.5	.7									7.9	6.1	6.0
230-250	5.2	3.1										8.2	4.4	4.0
(W) 260-280	2.7	1.0	1.7	.3								5.8	6.9	5.0
290-310	1.7	1.7	.7	.3	.3							4.8	7.6	7.0
320-340	.3	1.7	3.8	.7								6.5	10.7	11.0
VARIABLE														
CALM	////////////////////////////////////											31.6	////////	
TOTALS	28.1	29.1	9.3	1.3	.3							100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 291

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: PORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	5.2	.9									10.7	5.4	5.0
020-040	3.1	3.5	.9									7.5	5.7	6.0
050-070	2.2	1.7	.4									4.2	5.1	4.0
(E) 080-100	2.0	1.2	.3									3.5	4.6	4.0
110-130	1.6	1.3	.2									3.1	4.7	4.5
140-160	2.2	1.6	.5									4.3	5.0	4.0
(S) 170-190	3.3	2.5	.5	.1	.0							6.3	5.2	4.0
200-220	3.7	3.9	1.3	.1								9.0	5.9	5.0
230-250	4.4	3.0	.4									7.8	4.7	4.0
(W) 260-280	2.6	2.9	1.3	.3	.0							7.0	6.4	6.0
290-310	2.7	3.0	2.3	.5	.0							8.4	7.4	8.0
320-340	3.2	3.5	2.7	.3								9.7	7.1	6.0
VARIABLE														
CALM	////////////////////											18.3	////////	
TOTALS	35.5	33.3	11.7	1.3								100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 3093

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	5.2	6.3	.5									12.0	4.7	5.0
020-040	4.5	6.8	2.6									13.9	6.4	6.0
050-070	2.9	2.1	1.3									6.3	6.2	5.0
(E) 080-100	3.4	2.6	1.8									7.9	6.1	6.0
110-130	1.3	2.6	.5									4.5	5.6	5.0
140-160	1.3	1.6	1.3									4.2	6.4	8.0
(S) 170-190	1.3	1.6	1.0	.5								4.5	8.1	8.0
200-220	1.6	1.3	.5									3.4	5.9	5.0
230-250	2.4	1.0										3.4	3.8	3.0
(W) 260-280	2.4	3.7	.3									6.3	5.0	5.5
290-310	3.1	2.9	1.8									7.9	6.4	6.5
320-340	4.5	3.9	2.9									11.3	6.0	5.0
VARIABLE														
CALM	////////////////////////////////////											14.7	////////////////////////////////	
TOTALS	33.9	36.4	14.5	.5								100.0	5.0	6.0

TOTAL NUMBER OF OBSERVATIONS 382

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	4.3	1.0	.1								9.4	5.5	5.0
020-040	2.7	3.3	.8	.0	.0							6.9	5.7	5.0
050-070	2.4	2.3	.4	.0	.0							5.2	5.2	5.0
(E) 080-100	3.3	2.7	.3	.0								6.4	4.8	4.0
110-130	2.8	1.7	.2	.0	.0	.0	.0					4.8	4.5	4.0
140-160	2.6	2.3	.5	.0	.0							5.5	5.2	5.0
(S) 170-190	4.1	3.5	.6	.0	.0							8.2	5.0	5.0
200-220	4.1	4.6	1.0	.0	.0							9.8	5.5	5.0
230-250	3.2	2.9	.7	.1	.0							6.8	5.4	5.0
(W) 260-280	2.4	2.1	.6	.1	.0	.0						5.2	5.6	5.0
290-310	2.8	2.7	1.4	.2	.0							7.1	6.3	6.0
320-340	3.7	3.5	1.4	.1	.0							8.8	5.9	5.0
VARIABLE														
CALM	////////////////////											16.1	////////	
TOTALS	38.2	35.9	8.9	.6								100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS: 41943

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

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

AND/OR

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.6	8.2	2.6	.1								17.5	6.0	6.0
020-040	4.8	7.2	2.8	.4	.0							15.2	6.6	6.0
050-070	3.3	4.1	1.0	.3	.0							8.7	6.0	6.0
(E) 080-100	3.4	3.2	1.2	.1								8.0	5.7	5.5
110-130	2.0	1.5	.7	.1	.1		.0					4.5	6.1	5.0
140-160	1.7	1.4	.5	.0								3.5	5.5	5.0
(S) 170-190	2.0	1.3	.5	.1								3.9	5.4	4.0
200-220	1.9	1.5	.4	.0								3.7	5.2	4.5
230-250	2.2	1.3	.2	.1								3.7	4.5	4.0
(W) 260-280	1.6	1.3	.2	.1								3.2	5.0	5.0
290-310	1.7	2.6	.9	.2	.1							5.4	6.9	6.0
320-340	3.7	4.0	1.7	.1								9.5	6.1	6.0
VARIABLE														
CALM	////////////////////											13.3	////	////
TOTALS	34.9	37.6	12.7	1.6	.2							100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS: 3923

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRRR	TTTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAA	RRRRRRRR	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

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PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

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

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

- BY 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: 723087

STATION NAME: PORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.6	47.4	49.3	51.0	52.0	52.1	52.1	52.3	52.3	52.5	52.8	52.8	52.8	52.8	52.8	53.3
GE 20000	49.2	53.1	55.2	57.0	58.2	58.4	58.4	58.5	58.5	58.7	59.2	59.2	59.2	59.2	59.2	59.7
GE 18000	49.2	53.1	55.2	57.0	58.2	58.4	58.4	58.5	58.5	58.7	59.2	59.2	59.2	59.2	59.2	59.7
GE 16000	49.2	53.1	55.2	57.0	58.2	58.4	58.4	58.5	58.5	58.7	59.2	59.2	59.2	59.2	59.2	59.7
GE 14000	49.2	53.1	55.2	57.0	58.2	58.4	58.4	58.5	58.5	58.7	59.2	59.2	59.2	59.2	59.2	59.7
GE 12000	49.5	53.4	55.6	57.4	58.5	58.7	58.7	58.9	58.9	59.0	59.5	59.5	59.5	59.5	59.5	60.0
GE 10000	52.8	56.9	59.3	61.3	62.5	62.6	62.6	62.8	62.8	63.0	63.4	63.4	63.4	63.4	63.4	63.9
GE 9000	53.4	57.5	60.0	62.0	63.1	63.3	63.3	63.4	63.4	63.6	64.1	64.1	64.1	64.1	64.1	64.6
GE 8000	59.2	64.3	66.9	68.9	70.0	70.2	70.3	70.5	70.5	70.7	71.1	71.1	71.1	71.1	71.1	71.6
GE 7000	59.3	64.4	67.0	69.0	70.3	70.5	70.7	70.8	70.8	71.0	71.5	71.5	71.5	71.5	71.5	72.1
GE 6000	59.7	64.8	67.5	69.5	70.8	71.0	71.1	71.3	71.3	71.5	72.0	72.0	72.0	72.0	72.0	72.6
GE 5000	60.0	65.2	68.0	70.0	71.5	71.6	71.8	72.0	72.0	72.1	72.6	72.6	72.6	72.6	72.6	73.3
GE 4500	60.2	65.4	68.2	70.2	71.6	71.8	72.0	72.1	72.1	72.3	72.8	72.8	72.8	72.8	72.8	73.4
GE 4000	62.6	67.9	71.0	73.0	74.4	74.6	74.8	74.9	74.9	75.1	75.6	75.6	75.6	75.6	75.6	76.2
GE 3500	63.3	68.5	71.6	73.8	75.2	75.4	75.6	75.7	75.7	75.9	76.4	76.4	76.4	76.4	76.4	77.0
GE 3000	64.6	70.2	73.6	75.9	77.5	77.9	78.2	78.4	78.4	78.5	79.0	79.0	79.2	79.2	79.2	79.8
GE 2500	65.7	71.6	75.2	77.9	79.5	79.8	80.5	80.7	80.7	81.0	81.5	81.5	81.6	81.6	81.6	82.3
GE 2000	66.2	72.1	76.6	79.2	80.8	81.1	81.8	82.0	82.0	82.3	82.8	82.8	83.0	83.0	83.0	83.6
GE 1800	66.2	72.1	76.6	79.2	80.8	81.1	82.0	82.1	82.1	82.5	83.0	83.0	83.1	83.1	83.1	83.8
GE 1500	66.7	73.0	77.4	80.3	82.0	82.5	83.3	83.6	83.6	84.1	84.6	84.6	84.8	84.8	84.8	85.4
GE 1200	67.0	74.3	78.7	82.1	83.8	84.3	85.6	85.9	85.9	86.4	86.9	86.9	87.0	87.0	87.0	87.7
GE 1000	67.9	75.2	79.7	83.3	85.2	85.7	87.4	87.7	87.7	88.7	89.2	89.2	89.5	89.5	89.5	90.2
GE 900	68.0	75.4	79.8	83.4	85.4	85.9	87.5	87.9	87.9	88.9	89.3	89.3	89.7	89.8	89.8	90.5
GE 800	68.0	75.7	80.2	83.9	86.1	86.9	88.5	88.9	88.9	90.0	90.5	90.5	90.8	91.0	91.0	91.6
GE 700	68.0	75.7	80.2	84.1	86.2	87.0	88.7	89.0	89.0	90.3	90.8	90.8	91.1	91.3	91.5	92.1
GE 600	68.0	75.9	81.3	85.7	88.0	89.0	90.7	91.1	91.1	92.6	93.1	93.1	93.4	93.6	93.8	94.4
GE 500	68.0	76.1	81.6	86.4	89.0	90.0	92.3	92.8	92.8	94.4	95.4	95.4	95.7	95.9	96.1	96.7
GE 400	68.0	76.1	81.6	86.4	89.5	90.5	92.8	93.3	93.3	95.2	96.2	96.2	96.7	96.9	97.2	98.0
GE 300	68.0	76.1	81.6	86.4	89.7	90.7	93.0	93.4	93.4	95.6	96.7	96.7	97.4	97.5	97.9	98.7
GE 200	68.0	76.1	81.6	86.4	89.7	90.7	93.0	93.6	93.6	95.7	97.0	97.0	97.9	98.0	98.9	99.7
GE 100	68.0	76.1	81.6	86.4	89.7	90.7	93.0	93.6	93.6	95.7	97.0	97.0	97.9	98.0	98.9	100.0
GE 000	68.0	76.1	81.6	86.4	89.7	90.7	93.0	93.6	93.6	95.7	97.0	97.0	97.9	98.0	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 610

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.0	49.3	50.6	50.9	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.7	51.7	51.7	51.7
GE 20000	52.0	54.6	56.3	56.9	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0
GE 18000	52.0	54.6	56.3	56.9	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0
GE 16000	52.2	54.8	56.4	57.1	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.2	58.2	58.2	58.2
GE 14000	52.2	54.8	56.4	57.1	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.2	58.2	58.2	58.2
GE 12000	52.5	55.1	56.7	57.4	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5
GE 10000	55.6	58.5	60.3	61.1	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.3	62.3	62.3	62.3
GE 9000	56.7	59.7	61.5	62.3	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4
GE 8000	62.0	65.5	67.5	68.3	69.4	69.8	69.8	69.9	69.9	69.9	70.1	70.1	70.2	70.2	70.2	70.2
GE 7000	62.8	66.3	68.3	69.1	70.2	70.6	70.6	70.7	70.7	70.7	70.9	70.9	71.2	71.2	71.2	71.5
GE 6000	63.3	66.8	68.8	69.6	70.7	71.1	71.1	71.4	71.4	71.4	71.5	71.5	71.9	71.9	71.9	72.2
GE 5000	64.2	68.0	70.9	71.7	72.8	73.2	73.2	73.5	73.5	73.5	73.7	73.7	74.0	74.0	74.0	74.3
GE 4500	65.0	68.9	71.9	72.7	73.8	74.1	74.1	74.5	74.5	74.5	74.6	74.6	75.0	75.0	75.0	75.3
GE 4000	67.3	71.7	74.6	75.6	76.7	77.2	77.2	77.6	77.6	77.6	77.7	77.7	78.0	78.0	78.0	78.4
GE 3500	68.3	72.7	75.9	77.1	78.2	78.7	78.7	79.0	79.0	79.0	79.2	79.2	79.5	79.5	79.5	79.8
GE 3000	69.6	74.0	77.6	78.7	79.8	80.3	80.3	80.7	80.7	80.7	80.8	80.8	81.1	81.1	81.1	81.5
GE 2500	70.1	74.5	78.4	79.8	81.3	81.8	82.0	82.3	82.3	82.3	82.4	82.4	82.8	82.8	82.8	83.1
GE 2000	70.2	75.0	79.2	80.7	82.1	82.6	82.8	83.1	83.1	83.1	83.3	83.3	83.6	83.6	83.6	83.9
GE 1800	70.2	75.0	79.2	80.8	82.3	82.8	82.9	83.4	83.4	83.4	83.6	83.6	83.9	83.9	83.9	84.2
GE 1500	70.4	75.4	80.0	81.6	83.6	84.1	84.2	84.7	84.7	84.7	84.9	84.9	85.2	85.2	85.2	85.5
GE 1200	70.4	75.4	80.7	82.8	84.7	85.2	85.4	85.9	85.9	85.9	86.0	86.0	86.3	86.3	86.3	86.7
GE 1000	70.7	75.9	81.1	83.4	85.9	86.3	86.5	87.3	87.3	87.3	87.5	87.5	87.8	87.8	87.8	88.1
GE 900	70.7	76.1	81.3	83.6	86.0	86.5	86.8	87.6	87.6	87.6	87.8	87.8	88.1	88.1	88.1	88.5
GE 800	70.9	76.4	81.6	83.9	86.3	87.2	87.8	88.8	88.8	88.9	89.1	89.1	89.4	89.4	89.9	90.2
GE 700	71.2	77.1	82.4	85.0	87.5	88.3	88.9	89.9	89.9	90.1	90.2	90.2	90.6	90.6	91.1	91.5
GE 600	71.4	77.2	82.6	85.9	88.6	89.8	90.7	91.7	91.9	92.0	92.4	92.4	92.7	92.7	93.2	93.7
GE 500	71.4	77.2	82.6	86.0	89.1	90.4	91.5	93.0	93.3	94.1	95.3	95.3	96.1	96.1	96.6	97.1
GE 400	71.4	77.2	82.6	86.0	89.4	90.7	92.2	93.7	94.0	95.0	96.1	96.1	97.6	97.6	98.0	98.7
GE 300	71.4	77.2	82.6	86.2	89.6	90.9	92.4	93.8	94.1	95.1	96.6	96.6	98.2	98.2	98.7	99.3
GE 200	71.4	77.2	82.6	86.2	89.6	90.9	92.4	93.8	94.1	95.1	96.6	96.7	98.5	98.5	99.2	99.8
GE 100	71.4	77.2	82.6	86.2	89.6	90.9	92.4	93.8	94.1	95.1	96.6	96.7	98.7	98.7	99.3	100.0
GE 000	71.4	77.2	82.6	86.2	89.6	90.9	92.4	93.8	94.1	95.1	96.6	96.7	98.7	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 615

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.0	49.6	50.4	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 20000	55.9	59.2	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 18000	56.1	59.3	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
GE 16000	56.1	59.3	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
GE 14000	56.1	59.3	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
GE 12000	56.7	60.0	61.8	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 10000	60.2	63.7	65.5	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 9000	60.8	64.4	66.2	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 8000	63.6	68.1	69.9	70.6	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 7000	64.6	69.4	71.2	71.9	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 6000	64.9	69.8	71.5	72.2	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	65.9	70.9	73.3	74.0	74.8	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 4500	66.5	72.0	74.5	75.3	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 4000	68.5	74.6	77.4	78.2	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 3500	68.9	75.1	77.9	78.9	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3000	70.1	76.3	79.5	80.7	81.8	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1
GE 2500	70.4	76.7	80.0	81.1	82.3	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9
GE 2000	70.9	78.0	81.6	82.8	83.9	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7
GE 1800	70.9	78.0	81.6	82.8	83.9	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7
GE 1500	70.9	78.0	81.8	82.9	84.1	84.7	84.7	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9
GE 1200	71.1	78.4	82.8	83.9	85.7	86.3	86.3	86.3	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7
GE 1000	71.2	79.2	83.7	85.0	87.2	88.0	88.5	88.5	88.5	88.6	88.9	88.9	88.9	88.9	88.9	88.9
GE 900	71.5	79.5	84.1	85.4	87.5	88.3	88.8	88.8	88.8	89.1	89.4	89.4	89.6	89.6	89.6	89.6
GE 800	71.9	80.5	85.0	86.3	88.8	90.1	90.6	90.6	90.6	90.9	91.2	91.2	91.4	91.4	91.4	91.4
GE 700	72.5	81.1	85.7	87.5	90.2	91.7	92.2	92.5	92.5	93.0	93.3	93.3	93.5	93.5	93.5	93.5
GE 600	72.5	81.1	86.0	88.1	91.2	92.7	93.7	94.3	94.3	94.8	95.1	95.1	95.4	95.4	95.4	95.4
GE 500	72.5	81.1	86.0	88.3	91.9	93.3	94.5	95.9	96.1	96.6	97.1	97.1	97.7	97.7	97.7	97.7
GE 400	72.5	81.1	86.0	88.5	92.0	93.5	94.8	96.6	96.7	97.9	98.4	98.4	99.2	99.2	99.3	99.3
GE 300	72.5	81.1	86.0	88.5	92.0	93.5	94.8	96.7	96.9	98.0	98.5	98.5	99.5	99.5	99.7	99.7
GE 200	72.5	81.1	86.0	88.5	92.0	93.5	94.8	96.7	96.9	98.0	98.5	98.5	99.5	99.5	99.7	99.7
GE 100	72.5	81.1	86.0	88.5	92.0	93.5	94.8	96.7	96.9	98.0	98.5	98.5	99.5	99.5	99.7	99.7
GE 000	72.5	81.1	86.0	88.5	92.0	93.5	94.8	96.7	96.9	98.0	98.5	98.5	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 615

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	49.1	51.1	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	56.3	58.6	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 18000	56.3	58.6	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 16000	56.5	58.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 14000	56.5	58.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 12000	58.3	60.6	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 10000	60.8	63.3	64.4	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
GE 9000	61.3	63.8	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 8000	65.1	68.9	70.3	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 7000	66.1	70.0	71.7	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 6000	66.6	70.5	72.2	72.2	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	68.2	72.2	74.0	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 4500	68.2	72.2	74.1	74.1	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 4000	70.2	74.6	76.6	76.6	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	71.5	76.1	78.1	78.1	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 3000	73.5	78.7	80.9	80.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2500	73.6	80.1	82.2	82.2	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.2	83.2
GE 2000	73.6	80.9	83.0	83.0	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0
GE 1800	74.0	81.2	83.4	83.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3
GE 1500	74.3	81.9	84.2	84.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.5	85.5
GE 1200	74.5	82.2	84.8	84.8	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.2	86.2
GE 1000	74.5	82.9	86.0	86.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.3	87.3
GE 900	74.5	83.2	86.3	86.5	87.8	87.8	87.8	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.3	88.3
GE 800	74.8	83.7	86.8	87.1	88.8	89.0	89.0	89.6	89.6	90.0	90.0	90.0	90.0	90.0	90.1	90.1
GE 700	75.0	84.0	87.3	87.8	89.8	90.4	90.8	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.4	92.4
GE 600	75.1	84.3	88.3	88.8	90.8	91.4	91.8	92.9	92.9	93.4	93.6	93.6	93.7	93.7	93.9	93.9
GE 500	75.1	84.5	88.5	89.1	91.4	92.4	93.9	95.1	95.1	95.6	95.7	95.7	96.0	96.0	96.2	96.2
GE 400	75.1	84.5	88.5	89.1	91.6	92.6	94.1	95.6	95.6	96.4	96.7	96.7	97.0	97.0	97.2	97.2
GE 300	75.1	84.5	88.5	89.1	91.6	92.6	94.1	95.7	95.7	96.9	97.5	97.5	98.2	98.2	98.4	98.4
GE 200	75.1	84.5	88.5	89.1	91.6	92.6	94.1	95.7	95.7	97.2	97.9	97.9	99.2	99.2	99.7	100.0
GE 100	75.1	84.5	88.5	89.1	91.6	92.6	94.1	95.7	95.7	97.2	97.9	97.9	99.2	99.2	99.7	100.0
GE 000	75.1	84.5	88.5	89.1	91.6	92.6	94.1	95.7	95.7	97.2	97.9	97.9	99.2	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 607

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.6	54.2	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 20000	58.5	60.5	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 18000	58.5	60.5	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 16000	59.0	61.0	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
GE 14000	59.8	61.9	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 12000	60.9	63.1	63.9	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 10000	62.7	65.3	66.3	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 9000	63.1	65.6	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	67.9	70.9	72.1	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 7000	69.1	72.3	73.5	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.2
GE 6000	69.2	72.5	73.7	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.4	74.4	74.4	74.4
GE 5000	70.8	74.0	75.2	75.6	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2
GE 4500	71.3	74.5	75.7	76.1	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.8	76.8	76.8	76.8
GE 4000	74.2	77.9	79.3	79.7	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3
GE 3500	74.9	78.8	80.2	80.5	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.2
GE 3000	75.4	79.7	81.0	81.5	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2
GE 2500	76.1	80.3	81.7	82.2	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.9	82.9	83.1	83.2	83.2
GE 2000	76.4	80.9	82.2	82.7	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.4	83.4	83.6	83.8	83.8
GE 1800	76.4	81.0	82.4	82.9	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.6	83.6	83.8	83.9	83.9
GE 1500	76.6	81.4	82.7	83.2	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.3	84.3	84.4	84.6	84.6
GE 1200	76.8	82.2	84.1	84.6	86.0	86.0	86.0	86.2	86.2	86.3	86.5	86.7	86.8	87.0	87.0	87.0
GE 1000	76.8	82.4	84.3	85.0	86.3	86.5	86.5	86.7	86.7	86.8	87.0	87.2	87.4	87.5	87.5	87.5
GE 900	77.1	82.7	84.6	85.3	86.7	86.8	86.8	87.2	87.2	87.4	87.5	87.7	87.9	88.0	88.0	88.0
GE 800	77.1	83.1	85.3	86.0	87.4	87.5	87.5	88.5	88.5	88.7	88.9	89.1	89.2	89.4	89.4	89.4
GE 700	77.1	83.1	85.5	86.5	88.0	88.2	88.2	89.4	89.4	89.6	89.7	89.9	90.1	90.3	90.3	90.3
GE 600	77.1	83.1	85.8	87.2	88.7	88.9	89.1	90.6	90.6	90.8	91.1	91.3	91.8	92.0	92.0	92.0
GE 500	77.1	83.1	86.0	87.7	89.6	89.7	90.4	92.1	92.1	92.6	93.2	93.3	93.8	94.0	94.0	94.0
GE 400	77.1	83.1	86.0	87.9	90.1	90.3	90.9	92.6	92.6	93.7	94.2	94.4	94.9	95.0	95.4	95.4
GE 300	77.1	83.1	86.2	88.2	90.4	90.6	92.0	93.7	93.7	95.2	95.7	95.9	96.8	96.9	97.3	97.3
GE 200	77.1	83.1	86.2	88.2	90.4	90.8	92.3	94.0	94.0	95.6	96.2	96.4	97.6	97.8	98.1	98.3
GE 100	77.1	83.1	86.2	88.2	90.4	90.8	92.3	94.0	94.0	95.7	96.8	96.9	98.5	98.6	99.0	99.5
GE 000	77.1	83.1	86.2	88.2	90.4	90.8	92.3	94.0	94.0	95.7	96.8	96.9	98.5	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 585

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	54.7	55.7	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.5	57.5	57.5	57.5
GE 20000	59.1	60.6	61.9	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.7	62.7	62.7	62.7
GE 18000	59.1	60.6	61.9	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.7	62.7	62.7	62.7
GE 16000	59.6	61.1	62.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.2	63.2	63.2	63.2
GE 14000	60.6	62.2	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.2	64.2	64.2	64.2
GE 12000	60.6	62.2	63.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.5	64.5	64.5	64.5
GE 10000	64.0	65.5	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.4	68.4	68.4	68.4
GE 9000	64.0	65.5	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.4	68.4	68.4	68.4
GE 8000	68.1	70.2	72.3	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.1	73.1	73.1	73.1
GE 7000	69.4	71.5	73.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.4	74.4	74.4	74.4
GE 6000	69.4	71.5	73.6	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6	74.6
GE 5000	70.2	72.3	74.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6	75.6
GE 4500	71.2	73.3	75.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.7	76.7	76.7	76.7
GE 4000	74.9	77.2	79.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.6	80.6	80.6	80.6
GE 3500	75.9	78.8	80.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.1	82.1	82.1	82.1
GE 3000	76.4	79.3	81.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
GE 2500	76.9	80.3	82.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9	83.9	83.9	83.9
GE 2000	76.9	80.8	83.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.5	84.5	84.5	84.5
GE 1800	76.9	80.8	83.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.5	84.5	84.5	84.5
GE 1500	76.9	81.1	83.7	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5	85.5	85.5
GE 1200	77.5	81.6	84.2	85.2	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.3	86.3	86.3	86.3
GE 1000	77.5	81.6	84.2	85.2	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.3	86.3	86.3	86.3
GE 900	77.5	81.6	84.2	85.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5
GE 800	78.0	82.9	85.8	87.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.6	88.6	88.6	88.6
GE 700	78.0	83.2	86.8	88.1	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.2	90.2	90.2	90.2
GE 600	78.0	83.2	87.6	88.9	90.9	91.2	91.2	91.5	91.5	91.5	91.5	91.5	92.0	92.0	92.0	92.0
GE 500	78.0	83.2	87.8	89.9	92.0	92.7	92.7	93.0	93.0	93.5	94.0	94.0	94.8	94.8	94.8	94.8
GE 400	78.0	83.2	88.1	90.4	92.5	93.3	93.5	93.8	93.8	94.8	95.3	95.3	96.1	96.1	96.1	96.1
GE 300	78.0	83.2	88.1	90.4	92.5	93.3	93.5	94.3	94.3	95.9	96.4	96.4	97.2	97.2	97.2	97.7
GE 200	78.0	83.2	88.1	90.4	92.5	93.3	93.5	94.3	94.3	96.1	96.9	96.9	97.9	97.9	98.2	98.7
GE 100	78.0	83.2	88.1	90.4	92.5	93.3	93.5	94.3	94.3	96.1	96.9	96.9	98.2	98.2	99.0	99.7
GE 000	78.0	83.2	88.1	90.4	92.5	93.3	93.5	94.3	94.3	96.1	96.9	96.9	98.2	98.2	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 386

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.6	50.9	52.0	52.5	52.8	52.8	52.8	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.1
GE 20000	54.9	57.6	59.1	59.7	60.0	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.4
GE 18000	54.9	57.6	59.1	59.7	60.1	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.4
GE 16000	55.1	57.8	59.3	59.9	60.3	60.3	60.3	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.6
GE 14000	55.4	58.1	59.6	60.2	60.5	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.8	60.8	60.8	60.9
GE 12000	56.1	58.8	60.4	61.0	61.4	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.7	61.7	61.7	61.8
GE 10000	59.0	62.0	63.7	64.3	64.8	64.8	64.8	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.1
GE 9000	59.6	62.6	64.2	64.9	65.4	65.4	65.4	65.4	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.7
GE 8000	64.0	67.8	69.7	70.4	71.0	71.1	71.2	71.2	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.5
GE 7000	64.9	68.8	70.7	71.4	72.1	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.5	72.5	72.5	72.7
GE 6000	65.2	69.1	71.0	71.8	72.5	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.9	72.9	72.9	73.1
GE 5000	66.3	70.3	72.5	73.3	74.0	74.1	74.2	74.3	74.3	74.3	74.4	74.4	74.5	74.5	74.5	74.7
GE 4500	66.8	70.9	73.1	74.0	74.7	74.8	74.8	75.0	75.0	75.0	75.1	75.1	75.2	75.2	75.2	75.4
GE 4000	69.2	73.8	76.2	77.0	77.8	77.9	77.9	78.0	78.0	78.1	78.2	78.2	78.3	78.3	78.3	78.5
GE 3500	70.1	74.7	77.2	78.1	78.9	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.5	79.5	79.5	79.6
GE 3000	71.2	76.1	78.8	79.9	80.8	81.0	81.0	81.1	81.1	81.2	81.3	81.3	81.5	81.5	81.5	81.6
GE 2500	71.8	77.0	79.8	81.0	81.9	82.2	82.3	82.4	82.4	82.5	82.7	82.7	82.8	82.9	82.9	83.1
GE 2000	72.1	77.7	80.8	81.9	82.9	83.2	83.3	83.4	83.4	83.5	83.7	83.7	83.8	83.9	83.9	84.1
GE 1800	72.1	77.8	80.9	82.1	83.0	83.3	83.5	83.6	83.6	83.7	83.9	83.9	84.0	84.0	84.1	84.2
GE 1500	72.3	78.3	81.5	82.7	83.9	84.2	84.4	84.6	84.6	84.7	84.8	84.8	85.0	85.0	85.0	85.2
GE 1200	72.5	78.8	82.4	83.8	85.3	85.6	85.8	86.0	86.0	86.2	86.4	86.4	86.5	86.6	86.6	86.8
GE 1000	72.8	79.4	83.1	84.6	86.3	86.6	87.0	87.3	87.3	87.5	87.7	87.8	87.9	88.0	88.0	88.2
GE 900	72.9	79.6	83.3	84.9	86.6	87.0	87.4	87.7	87.7	88.0	88.2	88.2	88.4	88.5	88.5	88.7
GE 800	73.1	80.2	84.0	85.6	87.6	88.2	88.6	89.2	89.2	89.6	89.8	89.8	90.0	90.1	90.2	90.3
GE 700	73.3	80.5	84.5	86.4	88.5	89.2	89.8	90.5	90.5	90.9	91.1	91.2	91.4	91.4	91.6	91.8
GE 600	73.4	80.6	85.1	87.3	89.6	90.5	91.2	92.1	92.1	92.6	92.9	92.9	93.3	93.3	93.5	93.7
GE 500	73.4	80.7	85.3	87.8	90.4	91.4	92.6	93.7	93.8	94.6	95.2	95.2	95.8	95.8	96.0	96.2
GE 400	73.4	80.7	85.3	87.9	90.8	91.7	93.0	94.3	94.4	95.6	96.2	96.3	97.0	97.0	97.3	97.6
GE 300	73.4	80.7	85.3	88.0	90.9	91.8	93.3	94.6	94.7	96.1	97.0	97.0	97.9	98.0	98.2	98.6
GE 200	73.4	80.7	85.3	88.0	90.9	91.9	93.3	94.7	94.8	96.3	97.2	97.3	98.5	98.5	99.0	99.4
GE 100	73.4	80.7	85.3	88.0	90.9	91.9	93.3	94.7	94.8	96.3	97.3	97.4	98.7	98.7	99.3	99.8
GE 000	73.4	80.7	85.3	88.0	90.9	91.9	93.3	94.7	94.8	96.3	97.3	97.4	98.7	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3418

OPERATING LOCATION "A"
USA FETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.4	41.7	43.8	43.8	44.9	45.2	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 20000	43.0	46.3	48.9	49.0	50.1	50.4	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 18000	43.0	46.3	48.9	49.0	50.1	50.4	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 16000	43.0	46.3	48.9	49.0	50.1	50.4	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 14000	43.1	46.4	49.0	49.2	50.3	50.6	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 12000	43.5	46.8	49.4	49.6	50.6	51.0	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 10000	47.5	50.8	53.6	53.7	54.8	55.1	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 9000	47.5	50.8	53.6	53.7	54.8	55.1	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 8000	52.9	57.0	60.2	60.5	61.6	61.9	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 7000	53.9	58.4	61.7	62.1	63.1	63.5	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 6000	54.3	58.8	62.1	62.4	63.5	63.8	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 5000	54.8	59.3	62.6	63.0	64.0	64.5	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 4500	55.0	59.5	63.1	63.5	64.5	65.0	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 4000	56.2	61.0	65.0	65.9	67.1	67.7	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 3500	57.2	62.1	66.1	67.0	68.3	68.9	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 3000	61.2	66.6	70.8	71.8	73.6	74.1	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 2500	62.4	67.8	72.0	73.0	74.8	75.3	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 2000	64.7	70.4	74.6	75.8	77.7	78.3	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 1800	65.6	71.3	75.5	76.9	78.8	79.3	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 1500	66.1	71.8	76.0	77.6	79.5	80.0	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1200	66.4	72.3	76.7	78.6	80.7	81.2	82.3	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1000	66.8	72.9	77.2	79.3	81.4	81.9	83.0	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 900	66.8	73.4	77.7	79.8	81.9	82.6	83.7	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 800	67.0	74.1	79.0	81.2	83.5	84.3	86.3	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 700	67.1	74.3	79.1	81.4	83.8	84.7	86.6	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 600	67.1	74.3	79.3	81.6	84.0	85.0	87.3	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 500	67.1	74.3	79.3	81.7	84.9	86.4	88.9	89.4	89.4	89.9	90.1	90.1	90.1	90.1	90.3	90.3
GE 400	67.1	74.3	79.7	82.1	85.2	86.8	89.7	91.5	91.8	92.5	92.9	92.9	92.9	92.9	93.0	93.0
GE 300	67.1	74.3	80.0	82.6	85.7	87.3	90.6	92.9	93.2	94.3	95.1	95.1	95.5	95.5	95.8	95.8
GE 200	67.1	74.3	80.0	82.6	85.7	87.3	91.0	93.2	93.7	94.8	96.0	96.2	96.7	96.7	97.4	97.6
GE 100	67.1	74.3	80.0	82.6	85.7	87.3	91.0	93.2	93.7	94.8	96.0	96.2	96.9	96.9	99.1	99.7
GE 000	67.1	74.3	80.0	82.6	85.7	87.3	91.0	93.2	93.7	94.8	96.0	96.2	96.9	96.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 575

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.7	40.0	40.7	40.7	40.8	40.8	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 20000	45.5	48.5	49.7	49.9	50.1	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 18000	45.5	48.5	49.7	49.9	50.1	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 16000	45.5	48.5	49.7	49.9	50.1	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 14000	45.7	48.7	49.9	50.1	50.3	50.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 12000	46.4	49.4	50.8	51.0	51.1	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 10000	50.4	53.4	54.8	55.0	55.1	55.1	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 9000	50.6	53.6	55.0	55.1	55.3	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 8000	54.6	58.5	59.9	60.2	60.4	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 7000	56.9	60.9	62.3	62.7	62.8	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 6000	57.2	61.3	62.7	63.0	63.2	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 5000	59.2	63.5	65.3	65.6	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 4500	59.7	64.0	66.0	66.3	66.5	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 4000	61.6	66.7	68.9	69.3	69.5	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 3500	63.4	68.6	70.9	71.2	71.4	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 3000	65.1	71.2	73.5	74.0	74.2	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 2500	66.5	72.6	75.0	75.6	75.9	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 2000	67.9	74.7	77.1	78.0	78.4	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 1800	68.6	75.6	78.2	79.2	79.6	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 1500	69.8	76.8	79.6	80.8	81.3	81.7	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1200	70.9	77.8	81.0	82.4	83.1	83.6	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1000	71.4	78.5	81.8	83.6	84.3	84.8	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 900	71.4	78.5	82.0	83.8	84.6	85.2	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 800	71.7	79.1	82.7	84.8	86.4	87.1	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 700	71.7	79.6	83.2	85.7	87.4	88.7	89.9	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 600	71.7	79.8	83.4	85.9	88.1	89.5	91.1	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 500	71.7	80.1	84.6	87.1	90.1	91.6	93.5	94.6	94.6	94.8	94.8	94.8	94.9	94.9	94.9	94.9
GE 400	71.7	80.1	84.6	87.1	90.4	92.1	94.4	95.8	96.0	96.9	97.0	97.2	97.6	97.6	97.6	97.6
GE 300	71.7	80.1	84.6	87.1	90.4	92.1	94.4	96.2	96.3	97.2	97.7	97.9	98.4	98.4	98.4	98.4
GE 200	71.7	80.1	84.6	87.1	90.4	92.1	94.4	96.2	96.3	97.2	97.7	97.9	98.6	98.6	98.8	98.8
GE 100	71.7	80.1	84.6	87.1	90.4	92.1	94.4	96.2	96.3	97.2	97.7	97.9	98.6	99.1	99.5	99.8
GE 000	71.7	80.1	84.6	87.1	90.4	92.1	94.4	96.2	96.3	97.2	97.7	97.9	98.6	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 573

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.1	43.8	44.3	44.3	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	49.6	53.4	54.1	54.1	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	50.3	54.1	54.8	54.8	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 16000	50.3	54.1	54.8	54.8	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 14000	50.4	54.3	55.0	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 12000	50.4	54.3	55.0	55.0	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	54.8	58.7	59.4	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 9000	55.3	59.2	59.9	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
GE 8000	58.5	62.5	63.2	63.2	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 7000	59.5	63.7	64.4	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 6000	59.7	63.9	64.6	64.6	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	62.7	67.1	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 4500	63.4	67.8	68.5	68.5	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 4000	66.9	71.8	72.5	72.5	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 3500	68.3	73.2	74.3	74.3	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3000	69.0	74.4	75.5	76.2	76.9	77.1	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 2500	70.1	75.8	77.2	77.9	78.6	78.8	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 2000	71.3	77.1	79.2	80.0	80.9	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 1800	71.5	77.2	79.7	80.6	81.4	81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 1500	72.3	78.6	81.4	82.8	83.7	84.1	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1200	72.5	79.2	82.0	83.7	84.6	84.9	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1000	72.9	79.7	82.8	84.8	86.3	86.9	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 900	73.0	79.9	83.4	85.6	87.2	88.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 800	73.0	80.0	83.5	86.2	88.3	89.7	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 700	73.0	80.7	84.2	87.0	89.1	90.7	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 600	73.0	80.7	84.2	87.7	89.8	91.8	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9
GE 500	73.0	80.7	84.8	88.3	91.2	93.5	96.1	97.0	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4
GE 400	73.0	80.7	84.8	88.3	91.2	93.9	96.7	97.7	97.9	98.1	98.1	98.1	98.1	98.6	98.6	98.6
GE 300	73.0	80.7	84.8	88.3	91.2	93.9	96.7	97.7	97.9	98.1	98.4	98.4	98.4	98.9	98.9	98.9
GE 200	73.0	80.7	84.8	88.3	91.2	93.9	96.7	97.9	98.1	98.2	98.8	98.8	98.8	99.3	99.3	99.5
GE 100	73.0	80.7	84.8	88.3	91.2	93.9	96.7	97.9	98.1	98.2	98.8	98.8	98.8	99.3	99.3	100.0
GE 000	73.0	80.7	84.8	88.3	91.2	93.9	96.7	97.9	98.1	98.2	98.8	98.8	98.8	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 571

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.2	44.2	44.7	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 20000	52.6	54.2	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 18000	52.6	54.2	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 16000	53.2	54.7	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 14000	54.0	55.6	56.3	56.3	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	54.2	56.0	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 10000	56.1	57.9	58.6	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 9000	56.3	58.1	58.8	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 8000	60.7	62.5	63.3	63.5	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 7000	61.4	63.2	64.0	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 6000	62.6	64.4	65.3	65.4	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 5000	64.4	66.1	67.0	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
GE 4500	64.7	66.5	67.4	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 4000	67.4	69.5	70.5	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
GE 3500	68.6	70.7	71.8	72.8	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 3000	70.0	72.1	73.5	74.7	75.6	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 2500	72.3	75.4	77.0	78.2	79.1	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 2000	73.7	77.4	78.9	80.4	81.6	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3
GE 1800	73.9	77.5	79.1	80.7	81.9	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6
GE 1500	74.4	78.2	80.0	81.9	83.9	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6
GE 1200	74.6	78.4	80.7	83.0	85.3	86.0	86.0	86.5	86.7	86.8	86.8	86.8	87.0	87.0	87.0	87.0
GE 1000	74.6	78.4	80.7	83.7	86.0	86.7	87.0	87.5	87.7	87.9	87.9	87.9	88.1	88.1	88.1	88.1
GE 900	74.6	78.4	81.1	84.7	87.2	88.4	88.8	89.6	89.8	90.0	90.0	90.0	90.2	90.2	90.2	90.2
GE 800	74.6	78.6	81.8	86.0	88.8	90.0	90.7	91.6	91.9	92.1	92.1	92.1	92.3	92.3	92.3	92.3
GE 700	74.9	79.1	82.3	87.2	90.2	91.8	92.8	93.9	94.2	94.4	94.4	94.4	94.6	94.6	94.6	94.6
GE 600	75.1	79.3	82.8	88.1	91.1	92.8	94.4	96.0	96.3	96.5	96.5	96.5	96.7	96.7	96.7	96.7
GE 500	75.1	79.3	83.0	88.2	91.6	93.3	94.9	96.8	97.4	97.9	97.9	97.9	98.1	98.1	98.1	98.1
GE 400	75.1	79.3	83.0	88.2	91.8	93.5	95.1	97.4	97.9	98.8	98.9	98.9	99.1	99.1	99.1	99.1
GE 300	75.1	79.3	83.0	88.2	91.8	93.5	95.1	97.4	97.9	98.8	99.1	99.1	99.3	99.3	99.3	99.3
GE 200	75.1	79.3	83.0	88.2	91.8	93.5	95.1	97.4	97.9	99.1	99.5	99.6	99.8	99.8	99.8	99.8
GE 100	75.1	79.3	83.0	88.2	91.8	93.5	95.1	97.4	97.9	99.1	99.6	99.8	100.0	100.0	100.0	100.0
GE 000	75.1	79.3	83.0	88.2	91.8	93.5	95.1	97.4	97.9	99.1	99.6	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 570

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	45.3	45.4	45.6	45.6	45.6	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 20000	51.4	51.9	52.3	52.3	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 18000	51.6	52.1	52.5	52.5	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 16000	51.6	52.1	52.5	52.5	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 14000	51.8	52.3	52.6	52.6	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 12000	52.6	53.2	53.5	53.5	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 10000	55.6	56.1	56.5	56.5	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 9000	56.1	56.7	57.0	57.0	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 8000	60.5	61.1	61.4	61.4	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 7000	62.1	62.6	63.0	63.0	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 6000	63.2	63.7	64.0	64.0	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 5000	65.4	66.1	66.7	66.7	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 4500	65.8	66.7	67.2	67.2	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 4000	68.9	70.4	71.4	71.6	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 3500	69.6	71.4	72.6	73.0	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 3000	71.2	73.2	74.9	75.3	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 2500	72.5	75.8	77.9	78.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 2000	74.4	77.9	80.4	81.1	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1800	74.4	77.9	80.4	81.1	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1500	74.7	78.6	81.4	82.1	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1200	75.1	79.1	83.0	84.0	85.8	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1000	75.1	79.1	83.7	85.1	87.2	87.2	88.1	88.1	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 900	75.1	79.1	83.9	86.0	88.6	88.9	90.2	90.4	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 800	75.1	79.1	84.0	86.1	88.9	89.3	91.2	91.4	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 700	75.3	79.3	84.2	86.8	89.6	90.0	92.1	92.3	92.6	93.2	93.2	93.2	93.3	93.3	93.3	93.3
GE 600	75.3	79.3	84.2	87.4	90.2	90.5	93.2	93.3	93.9	94.6	94.7	94.7	94.9	94.9	94.9	94.9
GE 500	75.4	79.5	84.4	87.5	90.4	90.7	93.5	94.6	95.1	95.8	96.0	96.0	96.3	96.3	96.3	96.3
GE 400	75.4	79.5	84.4	87.7	90.7	91.1	94.0	95.8	96.3	97.0	97.5	97.5	98.1	98.1	98.1	98.1
GE 300	75.4	79.5	84.4	87.7	90.7	91.1	94.2	96.1	96.7	97.4	98.1	98.1	98.6	98.6	98.6	98.6
GE 200	75.4	79.5	84.4	87.7	90.7	91.1	94.2	96.1	96.7	97.5	98.4	98.4	99.1	99.1	99.3	99.5
GE 100	75.4	79.5	84.4	87.7	90.7	91.1	94.2	96.1	96.7	97.5	98.4	98.4	99.1	99.1	99.6	99.8
GE 000	75.4	79.5	84.4	87.7	90.7	91.1	94.2	96.1	96.7	97.5	98.4	98.4	99.1	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 570

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.8	51.1	51.1	51.1	51.3	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 20000	54.7	55.0	55.5	56.1	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 18000	54.7	55.0	55.5	56.1	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 16000	54.7	55.0	55.5	56.1	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 14000	54.7	55.0	55.5	56.1	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 12000	55.3	55.5	56.1	56.6	56.8	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 10000	58.2	58.4	58.9	59.5	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 9000	58.4	58.7	59.2	59.7	60.0	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 8000	62.4	62.9	63.4	63.9	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 7000	62.6	63.2	63.7	64.2	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 6000	63.4	64.2	64.7	65.3	65.5	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 5000	66.3	67.6	68.2	68.7	68.9	68.9	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 4500	66.6	67.9	68.4	68.9	69.5	69.5	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 4000	68.4	70.5	71.6	72.1	72.6	72.6	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 3500	68.9	71.1	72.4	72.9	73.4	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 3000	70.8	72.9	74.5	75.3	75.8	75.8	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 2500	71.6	73.9	75.8	77.4	77.9	77.9	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 2000	73.7	76.1	77.9	79.5	80.0	80.0	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 1800	73.9	76.3	78.2	79.7	80.5	80.5	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1500	74.5	77.1	79.2	80.8	81.6	81.6	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1200	75.3	78.7	81.1	82.9	83.7	83.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1000	75.5	79.2	82.1	83.9	84.7	84.7	85.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 900	75.5	79.2	82.1	84.5	85.3	85.3	86.6	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 800	75.8	79.5	82.4	84.7	85.8	85.8	87.4	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 700	75.8	79.7	82.6	85.3	86.6	86.6	88.2	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 600	75.8	80.0	82.9	85.5	86.8	86.8	88.4	89.5	89.7	90.0	90.0	90.0	90.5	90.5	90.5	90.5
GE 500	75.8	80.0	83.2	85.8	87.4	87.4	89.2	90.8	91.1	91.6	91.6	91.6	92.1	92.1	92.1	92.1
GE 400	75.8	80.0	83.2	85.8	88.4	88.7	90.8	93.2	93.4	93.9	94.2	94.2	94.7	94.7	94.7	94.7
GE 300	75.8	80.0	83.2	85.8	88.4	88.7	91.3	94.7	95.0	95.8	96.3	96.3	96.8	96.8	96.8	96.8
GE 200	75.8	80.0	83.2	85.8	88.4	88.7	91.3	94.7	95.0	95.8	96.6	96.6	97.9	97.9	97.9	97.9
GE 100	75.8	80.0	83.2	85.8	88.4	88.7	91.3	95.0	95.3	96.1	96.8	96.8	98.4	98.4	98.4	98.7
GE 000	75.8	80.0	83.2	85.8	88.4	88.7	91.3	95.0	95.3	96.1	96.8	96.8	98.4	98.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 380

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	42.1	44.0	44.7	44.7	45.0	45.1	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 20000	49.2	51.3	52.4	52.5	52.9	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 18000	49.3	51.5	52.5	52.7	53.0	53.1	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 16000	49.4	51.6	52.6	52.8	53.1	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 14000	49.7	51.9	52.9	53.0	53.4	53.5	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 12000	50.1	52.3	53.4	53.5	53.9	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 10000	53.5	55.7	56.8	57.0	57.4	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 9000	53.8	56.0	57.1	57.3	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 8000	58.0	60.6	61.8	62.0	62.4	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 7000	59.2	61.9	63.2	63.4	63.8	63.8	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 6000	59.9	62.6	63.8	64.1	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 5000	61.9	64.8	66.1	66.3	66.8	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 4500	62.3	65.2	66.7	66.9	67.3	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 4000	64.7	68.2	69.9	70.4	70.9	71.1	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 3500	65.8	69.4	71.3	71.8	72.4	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 3000	67.7	71.7	73.7	74.5	75.3	75.5	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 2500	69.1	73.5	75.8	76.7	77.6	77.9	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 2000	70.8	75.5	78.0	79.1	80.1	80.4	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 1800	71.1	75.9	78.5	79.7	80.8	81.0	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 1500	71.8	76.8	79.6	81.0	82.2	82.5	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 1200	72.3	77.5	80.7	82.4	83.9	84.2	84.7	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
GE 1000	72.5	77.9	81.4	83.4	85.0	85.4	86.0	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 900	72.6	78.0	81.7	84.0	85.8	86.5	87.3	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 800	72.7	78.3	82.2	84.8	87.0	87.8	89.3	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 700	72.8	78.7	82.6	85.6	87.9	88.8	90.5	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 600	72.8	78.8	82.8	86.0	88.4	89.6	91.5	92.3	92.5	92.7	92.8	92.8	92.9	92.9	92.9	92.9
GE 500	72.9	78.9	83.2	86.5	89.3	90.7	92.9	94.0	94.3	94.7	94.8	94.8	95.0	95.0	95.0	95.0
GE 400	72.9	78.9	83.3	86.6	89.7	91.1	93.6	95.3	95.7	96.3	96.6	96.6	96.9	96.9	97.0	97.0
GE 300	72.9	78.9	83.3	86.7	89.8	91.2	93.9	95.9	96.2	97.0	97.5	97.6	98.0	98.0	98.1	98.1
GE 200	72.9	78.9	83.3	86.7	89.8	91.2	93.9	96.0	96.4	97.2	97.9	98.0	98.6	98.6	98.8	98.9
GE 100	72.9	78.9	83.3	86.7	89.8	91.2	93.9	96.0	96.4	97.2	98.0	98.1	98.7	98.8	99.5	99.7
GE 000	72.9	78.9	83.3	86.7	89.8	91.2	93.9	96.0	96.4	97.2	98.0	98.1	98.7	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 3239

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 ~ NOV 91
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CHIL	45.4	49.0	49.5	50.1	51.0	51.0	51.1	51.1	51.1	51.1	51.3	51.3	51.7	51.7	52.0	52.0
GE 20000	50.1	54.3	54.9	55.5	56.4	56.4	56.6	56.6	56.6	56.6	56.7	56.7	57.2	57.2	57.6	57.6
GE 18000	50.2	54.4	55.1	55.7	56.6	56.6	56.7	56.7	56.7	56.7	56.9	56.9	57.3	57.3	57.8	57.8
GE 16000	50.2	54.4	55.1	55.7	56.6	56.6	56.7	56.7	56.7	56.7	56.9	56.9	57.3	57.3	57.8	57.8
GE 14000	50.2	54.4	55.1	55.7	56.6	56.6	56.7	56.7	56.7	56.7	56.9	56.9	57.3	57.3	57.8	57.8
GE 12000	50.5	54.8	55.4	56.0	56.9	56.9	57.0	57.0	57.0	57.0	57.2	57.2	57.6	57.6	58.1	58.1
GE 10000	54.0	58.2	58.8	59.4	60.3	60.3	60.5	60.5	60.5	60.5	60.6	60.6	61.1	61.1	61.7	61.7
GE 9000	54.1	58.4	59.0	59.6	60.5	60.5	60.6	60.6	60.6	60.6	60.8	60.8	61.2	61.2	61.8	61.8
GE 8000	59.4	64.0	64.9	65.6	66.7	66.7	66.8	66.8	66.8	66.8	67.0	67.0	67.4	67.4	68.0	68.0
GE 7000	59.7	64.3	65.2	65.9	67.0	67.0	67.1	67.1	67.1	67.1	67.3	67.3	67.7	67.7	68.3	68.3
GE 6000	60.0	64.6	65.5	66.2	67.3	67.3	67.4	67.4	67.4	67.4	67.6	67.6	68.0	68.0	68.6	68.6
GE 5000	62.4	67.1	68.2	68.9	70.0	70.0	70.1	70.1	70.1	70.1	70.3	70.3	70.7	70.7	71.3	71.3
GE 4500	62.7	67.4	68.5	69.2	70.3	70.3	70.4	70.4	70.4	70.4	70.6	70.6	71.0	71.0	71.6	71.6
GE 4000	64.7	69.5	70.6	71.5	72.5	72.7	72.9	72.9	72.9	72.9	73.0	73.0	73.5	73.5	74.1	74.1
GE 3500	65.0	70.0	71.2	72.1	73.3	73.5	73.6	73.6	73.6	73.6	73.8	73.8	74.2	74.2	74.8	74.8
GE 3000	67.1	72.1	73.5	74.5	75.9	76.0	76.3	76.3	76.3	76.3	76.5	76.5	76.9	76.9	77.5	77.5
GE 2500	67.3	72.4	74.2	75.3	76.6	76.8	77.1	77.2	77.2	77.2	77.4	77.4	77.8	77.8	78.4	78.4
GE 2000	69.1	74.2	76.2	77.4	78.9	79.2	79.5	79.6	79.6	79.6	79.8	79.8	80.2	80.2	80.8	80.8
GE 1800	69.2	74.4	76.3	77.5	79.0	79.3	79.6	79.8	79.8	79.8	79.9	79.9	80.4	80.4	81.0	81.0
GE 1500	69.7	75.0	78.1	79.5	81.4	81.7	82.1	82.2	82.2	82.2	82.4	82.4	82.8	82.8	83.4	83.4
GE 1200	71.0	76.6	80.1	81.6	84.2	84.5	84.8	85.2	85.2	85.2	85.4	85.4	85.8	85.8	86.4	86.4
GE 1000	71.3	77.7	81.4	83.0	85.5	85.8	86.1	86.6	86.6	86.6	86.7	86.7	87.2	87.2	87.8	87.8
GE 900	72.1	78.4	82.2	83.9	86.4	86.7	87.0	87.5	87.5	87.5	87.6	87.6	88.1	88.1	88.7	88.7
GE 800	72.2	78.9	82.7	84.5	87.0	87.3	87.6	88.2	88.2	88.2	88.4	88.4	88.8	88.8	89.4	89.4
GE 700	72.2	79.3	83.3	85.1	87.8	88.1	88.5	89.1	89.1	89.1	89.3	89.3	89.7	89.7	90.3	90.3
GE 600	72.2	79.3	83.9	86.0	89.0	89.4	90.0	90.6	90.6	90.6	91.0	91.0	91.4	91.4	92.0	92.0
GE 500	72.5	79.6	84.3	86.4	90.3	91.0	92.5	93.2	93.2	93.2	93.7	93.7	94.1	94.1	94.7	94.7
GE 400	72.9	79.9	84.8	86.9	90.8	91.6	93.1	94.0	94.0	94.3	94.7	94.7	95.2	95.2	95.8	95.8
GE 300	72.9	80.1	84.9	87.2	91.4	92.2	93.8	94.7	94.7	95.0	95.5	95.5	96.2	96.2	97.0	97.0
GE 200	72.9	80.1	85.1	87.3	91.6	92.5	94.1	95.0	95.0	95.3	95.9	95.9	97.0	97.1	98.3	98.5
GE 100	72.9	80.1	85.1	87.3	91.6	92.5	94.1	95.0	95.0	95.3	95.9	96.1	97.6	97.7	99.2	99.5
GE 000	72.9	80.1	85.1	87.3	91.6	92.5	94.1	95.0	95.0	95.3	95.9	96.1	97.6	97.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 663

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	45.4	47.4	47.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 20000	53.5	56.0	56.3	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 18000	53.8	56.3	56.6	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 16000	53.8	56.3	56.6	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 14000	54.0	56.4	56.7	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	54.4	56.9	57.2	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 10000	57.0	59.7	60.0	60.8	60.9	60.9	60.9	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1
GE 9000	57.0	59.9	60.2	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4
GE 8000	61.2	64.6	64.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4
GE 7000	64.0	67.6	67.9	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4
GE 6000	64.4	68.0	68.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0
GE 5000	65.8	69.5	70.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5
GE 4500	66.8	70.6	71.0	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5
GE 4000	68.8	72.7	73.2	74.5	74.8	74.8	74.8	74.8	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0
GE 3500	69.4	73.9	74.5	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3
GE 3000	71.6	76.2	76.8	78.3	78.6	78.6	78.6	78.7	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9
GE 2500	72.7	77.4	78.0	79.5	79.8	79.8	79.8	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1
GE 2000	74.5	79.5	80.5	82.4	82.8	82.8	83.0	83.1	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3
GE 1800	74.7	79.8	80.8	82.8	83.4	83.4	83.6	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0
GE 1500	74.8	80.1	81.3	83.9	84.6	84.9	85.2	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7
GE 1200	76.9	82.2	83.6	86.6	87.3	87.6	88.4	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8
GE 1000	77.2	82.7	84.3	87.3	88.1	88.5	89.3	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
GE 900	77.4	82.8	84.5	87.9	88.8	89.4	90.8	91.1	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4
GE 800	77.4	83.0	84.9	88.8	89.9	90.5	91.9	92.2	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5
GE 700	77.5	83.3	85.5	89.7	91.1	92.0	93.8	94.1	94.1	94.3	94.6	94.6	94.6	94.6	94.6	94.6
GE 600	77.5	83.3	85.7	90.0	91.9	92.8	94.7	95.0	95.2	95.5	95.8	95.8	95.8	95.8	95.8	95.8
GE 500	77.5	83.3	85.8	90.3	92.6	93.7	95.8	96.2	96.4	96.7	97.1	97.1	97.1	97.1	97.1	97.1
GE 400	77.5	83.3	85.8	90.3	92.8	93.8	95.9	96.4	96.5	97.3	98.0	98.0	98.3	98.3	98.3	98.3
GE 300	77.5	83.3	85.8	90.3	92.8	93.8	96.4	97.0	97.1	97.9	98.6	98.6	98.9	98.9	99.1	99.1
GE 200	77.5	83.3	85.8	90.3	92.8	93.8	96.5	97.1	97.3	98.0	99.2	99.4	99.7	99.8	100.0	100.0
GE 100	77.5	83.3	85.8	90.3	92.8	93.8	96.5	97.1	97.3	98.0	99.2	99.4	99.7	99.8	100.0	100.0
GE 000	77.5	83.3	85.8	90.3	92.8	93.8	96.5	97.1	97.3	98.0	99.2	99.4	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 663

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.0	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 20000	57.8	59.6	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 18000	58.1	59.9	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 16000	58.1	59.9	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 14000	58.7	60.5	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 12000	59.6	61.5	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 10000	61.2	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
GE 9000	61.2	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
GE 8000	65.6	68.2	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 7000	66.8	69.5	71.0	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 6000	67.9	70.6	72.1	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 5000	69.2	71.9	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4500	69.8	72.9	74.4	74.8	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 4000	72.7	75.9	77.5	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3500	73.5	76.6	78.3	78.7	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 3000	76.6	80.1	81.9	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 2500	77.4	81.3	83.1	83.9	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2000	78.4	82.8	85.2	86.3	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1800	78.4	82.8	85.4	86.9	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1500	78.9	83.3	85.8	87.6	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 1200	79.8	84.2	86.7	88.7	89.3	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1000	79.8	84.3	86.9	89.3	90.3	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 900	80.4	84.9	87.8	90.5	91.6	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 800	81.0	85.5	88.7	91.4	93.4	94.7	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 700	81.1	85.7	89.0	92.0	94.1	95.5	96.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 600	81.1	85.7	89.1	92.2	94.4	95.8	97.0	97.3	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	81.3	85.8	89.7	92.8	95.0	96.4	97.9	98.2	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	81.3	85.8	89.7	92.9	95.3	96.7	98.3	98.6	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	81.3	85.8	89.7	92.9	95.3	96.7	98.5	98.8	99.1	99.4	99.5	99.5	99.7	99.7	99.7	99.7
GE 200	81.3	85.8	89.7	92.9	95.3	96.7	98.5	98.8	99.1	99.4	99.7	99.7	99.8	99.8	100.0	100.0
GE 100	81.3	85.8	89.7	92.9	95.3	96.7	98.5	98.8	99.1	99.4	99.7	99.7	99.8	99.8	100.0	100.0
GE 000	81.3	85.8	89.7	92.9	95.3	96.7	98.5	98.8	99.1	99.4	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 663

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723067

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.2	51.4	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	58.5	60.2	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 18000	58.7	60.3	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 16000	59.3	60.9	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 14000	59.4	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 12000	60.0	61.8	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	62.3	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
GE 9000	62.3	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
GE 8000	67.6	69.8	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 7000	68.8	71.2	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 6000	69.5	72.1	72.5	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 5000	71.5	74.5	75.1	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
GE 4500	71.9	75.3	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 4000	74.2	78.0	78.6	79.2	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 3500	75.7	79.5	80.1	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 3000	79.0	83.0	83.7	84.5	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 2500	79.8	83.7	84.6	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2000	81.1	85.7	86.6	87.5	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 1800	81.1	85.8	86.7	87.9	88.5	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1500	81.3	86.1	87.5	88.8	89.6	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1200	81.7	86.6	87.9	89.4	90.8	91.1	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1000	82.2	87.0	88.7	90.3	91.7	92.0	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 900	82.2	87.2	89.0	91.6	92.9	93.5	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 800	82.5	87.5	89.3	92.2	93.5	94.1	95.0	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5
GE 700	82.7	87.6	89.4	92.6	94.1	94.9	96.1	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
GE 600	82.7	87.6	89.7	92.9	94.6	95.6	97.1	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	82.7	87.6	89.9	93.7	95.3	96.4	98.0	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	82.7	87.6	90.0	94.3	95.9	97.0	98.8	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	82.7	87.6	90.0	94.4	96.1	97.1	98.9	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	82.7	87.6	90.0	94.4	96.1	97.1	98.9	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	82.7	87.6	90.0	94.4	96.1	97.1	98.9	99.5	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0
GE 000	82.7	87.6	90.0	94.4	96.1	97.1	98.9	99.5	99.5	99.5	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 663

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: PORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	52.3	53.2	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	60.5	61.4	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	60.5	61.5	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 16000	60.8	61.8	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 14000	60.8	62.0	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 12000	61.2	62.4	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 10000	63.5	64.9	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 9000	63.7	65.0	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 8000	67.3	69.2	70.1	70.1	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 7000	68.8	70.7	71.6	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 6000	69.5	71.5	72.4	72.4	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 5000	72.5	75.0	76.2	76.2	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 4500	73.0	75.6	76.8	76.9	77.2	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4000	74.7	77.2	78.6	78.7	79.0	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 3500	75.0	77.7	79.0	79.2	79.5	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 3000	76.9	79.6	81.3	81.7	82.1	82.2	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2500	77.1	79.8	81.4	81.9	82.2	82.4	82.8	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2000	77.8	80.8	82.7	83.1	83.4	83.6	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1800	78.1	81.4	83.3	84.0	84.3	84.5	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1500	78.4	81.9	84.0	85.4	85.7	86.0	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1200	78.9	82.7	85.2	87.3	88.2	88.7	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1000	79.0	82.8	85.5	87.6	89.1	89.7	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 900	79.0	83.0	86.3	88.5	90.0	91.1	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 800	79.0	83.0	86.3	88.5	90.3	91.6	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 700	79.0	83.1	86.4	89.0	90.8	92.0	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 600	79.2	83.4	87.0	90.0	91.9	93.1	94.9	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 500	79.2	83.4	87.5	90.6	92.8	94.0	96.2	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 400	79.2	83.4	87.6	90.8	93.2	94.4	96.7	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	79.2	83.4	87.6	91.0	93.7	94.9	97.1	98.5	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	79.2	83.4	87.8	91.1	93.8	95.0	97.3	98.6	98.9	99.4	99.7	99.7	99.7	99.7	99.8	100.0
GE 100	79.2	83.4	87.8	91.1	93.8	95.0	97.3	98.6	98.9	99.4	99.7	99.7	99.7	99.7	99.8	100.0
GE 000	79.2	83.4	87.8	91.1	93.8	95.0	97.3	98.6	98.9	99.4	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 663

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	54.8	55.5	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.4	56.4
GE 20000	59.3	60.0	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.9	60.9
GE 18000	59.3	60.0	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.9	60.9
GE 16000	59.3	60.0	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.9	60.9
GE 14000	59.5	60.2	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.9	60.9	60.9	60.9	60.9	61.1	61.1
GE 12000	60.0	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.6	61.6
GE 10000	63.2	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.8	64.8
GE 9000	64.3	65.0	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.9	65.9
GE 8000	67.7	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.3	69.3
GE 7000	68.6	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.2	70.2
GE 6000	69.8	70.5	70.9	70.9	70.9	70.9	70.9	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.8	71.8
GE 5000	73.6	75.0	75.5	75.5	75.5	75.5	75.5	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.4	76.4
GE 4500	74.1	75.5	75.9	75.9	75.9	75.9	75.9	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.8	76.8
GE 4000	75.2	76.6	77.3	77.3	77.3	77.3	77.3	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.2	78.2
GE 3500	75.5	77.3	78.0	78.0	78.0	78.0	78.0	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.9	78.9
GE 3000	77.3	79.1	80.2	80.7	80.7	80.7	80.7	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.6	81.6
GE 2500	77.5	79.3	80.5	80.9	81.6	81.6	81.6	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.5	82.5
GE 2000	78.6	80.7	81.8	82.5	83.2	83.2	83.6	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.5	84.5
GE 1800	78.6	80.7	81.8	82.5	83.2	83.2	83.6	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.5	84.5
GE 1500	78.9	81.4	83.2	84.3	85.0	85.0	85.5	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.4	86.4
GE 1200	79.1	81.6	83.6	85.0	86.1	86.1	87.0	87.5	87.5	87.7	87.7	87.7	87.7	87.7	88.0	88.0
GE 1000	79.5	82.0	84.1	86.4	87.7	87.7	88.6	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.5	89.5
GE 900	79.8	82.3	84.5	86.8	88.2	88.4	89.3	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.2	90.2
GE 800	79.8	82.5	85.2	87.7	89.1	89.3	90.5	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.4	91.4
GE 700	79.8	82.5	85.5	88.9	90.2	90.5	91.8	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.7	92.7
GE 600	80.2	83.0	86.1	89.5	90.9	91.1	92.5	93.0	93.0	93.4	93.4	93.4	93.4	93.4	93.6	93.6
GE 500	80.2	83.6	86.8	90.2	92.3	92.5	93.9	94.3	94.3	94.8	94.8	94.8	94.8	94.8	95.0	95.0
GE 400	80.2	83.6	87.3	90.9	94.1	94.3	96.1	96.6	96.6	97.5	97.5	97.5	97.5	97.5	97.7	97.7
GE 300	80.2	83.6	87.3	90.9	94.3	94.5	96.4	96.8	96.8	98.2	98.2	98.2	98.2	98.2	98.6	98.6
GE 200	80.2	83.6	87.7	91.4	94.8	95.0	96.8	97.3	97.3	98.9	98.9	98.9	98.9	98.9	99.3	99.3
GE 100	80.2	83.6	87.7	91.4	94.8	95.0	96.8	97.3	97.3	99.1	99.1	99.1	99.1	99.1	99.5	99.5
GE 000	80.2	83.6	87.7	91.4	94.8	95.0	96.8	97.3	97.3	99.1	99.1	99.1	99.1	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	49.2	50.8	51.2	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.8	51.8
GE 20000	56.5	58.5	59.1	59.3	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.7	59.7
GE 18000	56.6	58.7	59.3	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.9	59.9
GE 16000	56.8	58.8	59.4	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	60.1	60.1
GE 14000	57.0	59.0	59.6	59.8	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.3	60.3
GE 12000	57.5	59.6	60.2	60.5	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.9	60.9
GE 10000	60.0	62.3	62.9	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.7	63.7
GE 9000	60.2	62.5	63.1	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.8	63.8	63.9	63.9
GE 8000	64.6	67.3	68.0	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	69.0	69.0
GE 7000	66.0	68.7	69.5	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.6	70.6
GE 6000	66.7	69.5	70.3	70.7	71.0	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.3	71.3	71.4	71.4
GE 5000	68.9	72.0	72.9	73.4	73.7	73.7	73.7	73.8	73.8	73.8	73.9	73.9	74.0	74.0	74.1	74.1
GE 4500	69.5	72.7	73.6	74.1	74.4	74.4	74.5	74.5	74.5	74.6	74.6	74.6	74.7	74.7	74.8	74.8
GE 4000	71.5	74.9	75.9	76.5	76.8	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.2	77.2	77.3	77.3
GE 3500	72.1	75.7	76.8	77.4	77.7	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.1	78.1	78.2	78.2
GE 3000	74.6	78.3	79.5	80.3	80.7	80.8	81.0	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.4	81.4
GE 2500	75.2	79.0	80.3	81.2	81.7	81.8	81.9	82.0	82.0	82.1	82.1	82.1	82.2	82.2	82.3	82.3
GE 2000	76.5	80.6	82.2	83.2	83.9	84.0	84.3	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.7	84.7
GE 1800	76.6	80.8	82.4	83.7	84.4	84.5	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.3	85.3
GE 1500	76.9	81.3	83.3	85.0	85.8	86.0	86.4	86.6	86.6	86.6	86.7	86.7	86.8	86.8	86.9	86.9
GE 1200	77.8	82.3	84.6	86.5	87.7	88.1	88.7	88.9	88.9	88.9	89.0	89.0	89.1	89.1	89.2	89.2
GE 1000	78.1	82.8	85.2	87.4	88.8	89.2	89.9	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.5	90.5
GE 900	78.4	83.1	85.8	88.3	89.7	90.4	91.3	91.6	91.6	91.6	91.7	91.7	91.8	91.8	91.9	91.9
GE 800	78.6	83.4	86.2	88.9	90.6	91.4	92.4	92.7	92.7	92.8	92.9	92.9	92.9	92.9	93.1	93.1
GE 700	78.7	83.6	86.6	89.6	91.4	92.3	93.6	93.9	93.9	94.0	94.1	94.1	94.2	94.2	94.3	94.3
GE 600	78.7	83.8	87.0	90.1	92.2	93.1	94.5	94.9	94.9	95.1	95.3	95.3	95.3	95.3	95.5	95.5
GE 500	78.8	83.9	87.4	90.7	93.1	94.1	95.8	96.3	96.4	96.6	96.8	96.8	96.9	96.9	97.0	97.0
GE 400	78.9	84.0	87.6	91.0	93.7	94.6	96.5	97.2	97.3	97.7	97.9	97.9	98.1	98.1	98.2	98.2
GE 300	78.9	84.0	87.6	91.1	93.9	94.9	96.9	97.6	97.7	98.2	98.5	98.5	98.7	98.7	99.0	99.0
GE 200	78.9	84.0	87.7	91.2	94.0	95.0	97.0	97.8	97.9	98.4	98.9	98.9	99.2	99.2	99.6	99.6
GE 100	78.9	84.0	87.7	91.2	94.0	95.0	97.0	97.8	97.9	98.4	98.9	99.0	99.3	99.4	99.8	99.9
GE 000	78.9	84.0	87.7	91.2	94.0	95.0	97.0	97.8	97.9	98.4	98.9	99.0	99.3	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1755

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.4	53.9	55.1	56.1	56.4	56.7	56.7	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 20000	53.7	58.9	60.6	61.5	61.8	62.1	62.1	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 18000	54.2	59.3	61.1	62.0	62.3	62.6	62.6	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 16000	54.2	59.3	61.1	62.0	62.3	62.6	62.6	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 14000	54.2	59.3	61.1	62.0	62.3	62.6	62.6	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 12000	55.5	60.6	62.3	63.2	63.6	63.9	63.9	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 10000	56.4	61.5	63.2	64.5	64.8	65.1	65.1	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 9000	56.9	62.0	63.7	65.0	65.3	65.6	65.6	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 8000	59.7	65.3	67.4	68.7	69.3	69.6	69.6	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 7000	61.5	67.4	69.6	70.9	71.5	71.8	71.8	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 6000	62.0	68.1	70.2	71.5	72.1	72.4	72.4	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 5000	63.9	69.9	72.1	73.5	74.1	74.5	74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 4500	65.0	71.0	73.2	74.6	75.2	75.5	75.5	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 4000	66.2	73.2	75.5	77.1	77.7	78.0	78.0	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3500	67.6	75.2	77.6	79.1	79.8	80.1	80.1	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3000	68.4	76.3	79.0	80.5	81.3	81.6	81.8	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 2500	68.8	77.4	80.1	81.8	82.6	83.0	83.2	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 2000	69.9	78.7	81.5	83.2	84.0	84.4	84.7	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1800	69.9	79.0	81.9	83.6	84.4	84.9	85.2	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1500	70.9	80.1	83.0	84.7	86.0	86.4	86.9	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1200	70.9	80.4	83.6	85.7	87.2	87.9	88.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1000	71.0	81.0	84.9	86.9	88.5	89.3	90.0	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 900	71.0	81.2	85.2	87.4	88.9	89.7	90.7	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 800	71.0	81.3	85.4	88.0	89.6	90.3	91.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 700	71.0	81.5	85.5	88.3	90.2	91.0	92.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 600	71.0	81.8	86.0	89.1	91.1	91.9	93.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 500	71.0	81.8	86.0	89.3	91.4	92.2	93.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 400	71.0	81.8	86.0	89.3	91.7	93.0	94.7	95.8	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0
GE 300	71.0	81.8	86.3	89.6	92.1	93.3	95.5	96.6	96.7	97.0	97.0	97.0	97.0	97.2	97.5	97.5
GE 200	71.0	81.8	86.3	89.6	92.1	93.3	95.5	96.6	96.7	97.2	97.4	97.4	97.4	98.3	98.3	99.4
GE 100	71.0	81.8	86.3	89.6	92.1	93.3	95.5	96.6	96.7	97.2	97.4	97.5	98.6	98.8	100.0	100.0
GE 000	71.0	81.8	86.3	89.6	92.1	93.3	95.5	96.6	96.7	97.2	97.4	97.5	98.6	98.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 642

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: PORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.0	56.5	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 20000	60.1	62.8	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 18000	60.1	62.8	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 16000	60.1	62.8	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 14000	60.3	62.9	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 12000	61.2	63.9	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 10000	63.6	66.2	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 9000	64.0	66.7	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 8000	68.8	72.0	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 7000	69.5	72.6	73.7	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 6000	69.6	72.7	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 5000	71.2	75.1	76.3	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 4500	71.5	75.5	76.8	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 4000	73.8	78.0	79.3	79.6	79.9	79.9	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1
GE 3500	75.1	79.4	80.7	81.0	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
GE 3000	77.1	81.8	83.0	83.3	83.8	83.8	83.8	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0
GE 2500	77.3	81.9	83.2	83.6	84.1	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE 2000	79.3	84.3	85.7	86.1	86.9	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
GE 1800	79.6	84.7	86.3	86.9	87.7	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.2	88.2	88.2	88.2
GE 1500	80.2	85.7	87.7	88.6	89.6	89.7	89.7	89.7	89.7	89.7	89.9	89.9	90.0	90.0	90.0	90.0
GE 1200	80.7	86.4	89.1	90.5	91.4	91.7	92.1	92.1	92.1	92.1	92.2	92.2	92.4	92.4	92.4	92.4
GE 1000	81.0	86.8	89.4	91.1	92.4	92.7	93.0	93.0	93.0	93.0	93.1	93.1	93.3	93.3	93.3	93.3
GE 900	81.5	87.4	90.0	91.9	93.1	93.5	93.8	93.8	93.8	93.8	93.9	93.9	94.1	94.1	94.1	94.1
GE 800	81.6	87.9	90.8	92.7	94.2	94.7	95.3	95.3	95.3	95.6	95.8	95.8	96.0	96.0	96.0	96.0
GE 700	81.6	87.9	91.0	93.1	94.7	95.2	95.8	95.8	95.8	96.1	96.3	96.3	96.4	96.4	96.4	96.4
GE 600	81.6	88.2	91.3	93.5	95.3	95.8	96.7	96.9	96.9	97.2	97.4	97.4	97.5	97.5	97.5	97.5
GE 500	81.6	88.3	91.4	93.9	96.1	96.9	98.0	98.1	98.3	98.6	98.8	98.8	98.9	98.9	98.9	98.9
GE 400	81.6	88.3	91.4	93.9	96.1	96.9	98.1	98.3	98.4	98.9	99.1	99.1	99.2	99.2	99.2	99.2
GE 300	81.6	88.3	91.4	93.9	96.1	97.0	98.3	98.6	98.8	99.2	99.4	99.4	99.5	99.5	99.7	99.7
GE 200	81.6	88.3	91.4	93.9	96.1	97.0	98.3	98.6	98.8	99.2	99.4	99.4	99.5	99.5	100.0	100.0
GE 100	81.6	88.3	91.4	93.9	96.1	97.0	98.3	98.6	98.8	99.2	99.4	99.4	99.5	99.5	100.0	100.0
GE 000	81.6	88.3	91.4	93.9	96.1	97.0	98.3	98.6	98.8	99.2	99.4	99.4	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 642

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	51.0	54.0	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 20000	59.3	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 18000	59.3	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 16000	59.3	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 14000	59.5	62.9	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 12000	60.6	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 10000	62.9	66.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 9000	63.2	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 8000	68.7	72.6	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 7000	69.0	73.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 6000	69.0	73.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 5000	71.2	75.7	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 4500	72.5	77.2	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 4000	74.5	79.2	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3500	76.1	80.8	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 3000	78.4	83.6	84.4	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 2500	79.8	85.3	86.1	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 2000	83.6	89.8	90.8	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1800	83.6	89.8	90.8	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1500	84.0	90.6	92.0	93.0	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1200	84.8	91.5	94.1	95.0	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1000	85.0	91.7	94.4	95.5	96.6	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	85.0	91.7	94.4	95.6	96.9	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	85.0	91.7	94.4	95.8	97.0	97.3	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4
GE 700	85.0	91.7	94.4	95.8	97.0	97.3	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4
GE 600	85.0	91.9	94.5	95.9	97.5	97.8	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9
GE 500	85.0	91.9	94.5	95.9	97.7	98.0	98.6	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1
GE 400	85.0	91.9	94.5	96.4	98.1	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
GE 300	85.0	91.9	94.5	96.4	98.1	98.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0
GE 200	85.0	91.9	94.5	96.4	98.1	98.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0
GE 100	85.0	91.9	94.5	96.4	98.1	98.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0
GE 000	85.0	91.9	94.5	96.4	98.1	98.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	50.0	52.5	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	59.1	63.0	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 18000	59.1	63.0	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 16000	59.2	63.1	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 14000	59.2	63.1	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 12000	60.0	64.1	64.5	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	62.7	66.7	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
GE 9000	63.0	67.0	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 8000	69.2	73.4	73.9	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 7000	69.8	74.1	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 6000	71.1	75.3	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
GE 5000	72.3	77.2	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4500	73.1	78.1	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 4000	76.6	81.7	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3500	78.3	83.9	85.3	85.6	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3000	81.6	87.2	88.6	88.9	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2500	82.2	88.4	90.0	90.3	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2000	84.1	90.9	92.8	93.1	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1800	84.4	91.3	93.1	93.6	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1500	85.0	91.9	93.8	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 1200	85.2	92.3	94.5	95.5	96.6	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	85.2	92.3	94.7	95.6	96.9	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	85.2	92.3	94.8	95.9	97.0	97.0	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	85.3	92.5	95.2	96.3	97.5	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	85.5	92.7	95.6	96.7	98.0	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	85.5	92.7	95.6	96.7	98.0	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	85.5	92.7	95.6	96.7	98.0	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	85.5	92.7	95.8	97.0	98.4	98.4	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	85.5	92.7	95.8	97.0	98.6	98.6	98.9	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	85.5	92.7	95.8	97.0	98.6	98.6	98.9	99.1	99.1	99.2	99.4	99.4	100.0	100.0	100.0	100.0
GE 100	85.5	92.7	95.8	97.0	98.6	98.6	98.9	99.1	99.1	99.2	99.4	99.4	100.0	100.0	100.0	100.0
GE 000	85.5	92.7	95.8	97.0	98.6	98.6	98.9	99.1	99.1	99.2	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 640

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	57.1	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	58.7	58.7
GE 20000	63.0	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 18000	63.0	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 16000	63.0	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 14000	63.0	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 12000	63.6	65.3	65.5	65.5	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 10000	66.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 9000	67.2	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 8000	72.8	75.8	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 7000	73.9	76.9	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	74.7	77.7	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 5000	76.6	80.1	81.0	81.2	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 4500	76.9	80.5	81.5	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 4000	80.1	83.7	85.4	85.6	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 3500	81.5	85.2	87.1	87.4	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 3000	82.7	86.7	88.5	89.0	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 2500	83.8	87.9	89.8	90.9	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2000	84.8	88.9	90.7	92.0	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1800	84.8	89.0	90.9	92.2	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1500	84.9	89.6	91.5	92.8	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200	85.2	90.3	92.3	93.9	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	85.6	90.6	92.6	94.3	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 900	85.7	90.7	92.8	94.5	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 800	85.7	90.7	92.9	94.7	95.1	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	85.9	90.9	93.1	94.8	96.2	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	86.0	91.1	93.2	95.1	96.5	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 500	86.0	91.1	93.2	95.1	96.7	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	86.0	91.1	93.2	95.1	96.7	97.3	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	86.0	91.1	93.2	95.1	96.7	97.3	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 200	86.0	91.1	93.2	95.1	96.7	97.3	98.0	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.7	98.7
GE 100	86.0	91.1	93.2	95.1	96.7	97.3	98.0	98.4	98.4	98.4	98.6	98.7	98.7	98.7	98.9	99.5
GE 000	86.0	91.1	93.2	95.1	96.7	97.3	98.0	98.4	98.4	98.4	98.6	98.7	98.7	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 637

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.8	59.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 20000	64.5	65.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 18000	64.5	65.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 16000	64.5	65.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 14000	64.5	65.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 12000	64.7	65.6	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 10000	67.8	68.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 9000	67.8	68.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 8000	69.9	70.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 7000	71.3	73.2	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 6000	72.3	74.2	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 5000	73.7	76.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 4500	73.9	76.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 4000	77.7	80.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3500	78.0	81.0	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3000	80.1	83.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 2500	80.8	83.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2000	81.0	84.1	87.2	87.7	87.9	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1800	81.3	84.6	87.7	88.2	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1500	81.5	85.1	88.6	89.8	90.3	90.3	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1200	82.7	87.0	91.7	93.1	93.6	93.6	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1000	83.2	87.4	92.2	93.6	94.3	94.3	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 900	83.9	88.6	93.4	94.8	95.5	95.5	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 800	83.9	88.6	93.4	94.8	95.5	95.5	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 700	83.9	88.6	93.4	94.8	95.7	95.7	95.7	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 600	83.9	88.6	93.4	94.8	95.7	95.7	95.7	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 500	83.9	88.9	93.6	95.0	96.2	96.2	96.2	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 400	84.1	89.1	93.8	95.3	96.4	96.4	96.9	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	84.1	89.1	94.1	95.5	96.9	96.9	97.9	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	84.1	89.1	94.1	95.5	96.9	96.9	97.9	98.6	98.6	99.1	99.3	99.3	99.3	99.3	99.8	99.8
GE 100	84.1	89.1	94.1	95.5	96.9	96.9	97.9	98.6	98.6	99.1	99.3	99.3	99.5	99.5	100.0	100.0
GE 000	84.1	89.1	94.1	95.5	96.9	96.9	97.9	98.6	98.6	99.1	99.3	99.3	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 422

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	53.1	55.6	56.2	56.4	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 20000	59.7	62.8	63.5	63.7	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 18000	59.7	62.8	63.6	63.8	63.9	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 16000	59.8	62.9	63.6	63.8	63.9	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 14000	59.8	62.9	63.7	63.9	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 12000	60.7	63.8	64.6	64.8	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 10000	63.1	66.4	67.1	67.4	67.5	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 9000	63.4	66.7	67.5	67.7	67.8	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 8000	68.1	71.7	72.7	73.0	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 7000	69.1	72.9	74.0	74.3	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 6000	69.6	73.5	74.6	74.9	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 5000	71.3	75.6	76.9	77.3	77.4	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 4500	72.0	76.4	77.7	78.1	78.2	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 4000	74.6	79.3	80.9	81.3	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 3500	76.0	80.9	82.6	83.1	83.4	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 3000	77.9	83.1	84.9	85.4	85.8	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2500	78.7	84.2	85.9	86.7	87.0	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2000	80.4	86.2	88.2	88.9	89.5	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1800	80.5	86.5	88.5	89.3	89.9	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4
GE 1500	81.1	87.3	89.5	90.6	91.3	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9
GE 1200	81.5	88.0	90.8	92.2	93.3	93.5	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000	81.7	88.3	91.3	92.8	94.0	94.2	94.6	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
GE 900	81.9	88.7	91.7	93.3	94.5	94.8	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 800	82.0	88.8	91.9	93.6	94.9	95.3	95.8	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3
GE 700	82.0	88.9	92.1	93.9	95.3	95.7	96.2	96.5	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7
GE 600	82.1	89.0	92.3	94.1	95.7	96.1	96.7	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 500	82.1	89.1	92.3	94.3	96.0	96.4	97.1	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 400	82.1	89.1	92.4	94.5	96.2	96.8	97.7	98.1	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4
GE 300	82.1	89.1	92.5	94.5	96.4	96.9	98.0	98.5	98.5	98.8	98.8	98.8	98.9	98.9	99.0	99.0
GE 200	82.1	89.1	92.5	94.5	96.4	96.9	98.0	98.5	98.5	98.8	99.0	99.0	99.3	99.3	99.6	99.6
GE 100	82.1	89.1	92.5	94.5	96.4	96.9	98.0	98.5	98.5	98.8	99.0	99.0	99.4	99.4	99.9	99.9
GE 000	82.1	89.1	92.5	94.5	96.4	96.9	98.0	98.5	98.5	98.8	99.0	99.0	99.4	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3622

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.3	42.4	45.1	47.1	48.2	48.2	48.5	48.5	48.5	48.8	48.8	48.8	49.0	49.0	49.0	49.0
GE 20000	40.5	47.3	50.5	52.6	53.7	53.7	54.0	54.0	54.0	54.3	54.3	54.3	54.5	54.5	54.5	54.5
GE 18000	40.5	47.4	50.7	52.7	53.8	53.8	54.1	54.1	54.1	54.5	54.5	54.5	54.6	54.6	54.6	54.6
GE 16000	40.5	47.4	50.7	52.7	53.8	53.8	54.1	54.1	54.1	54.5	54.5	54.5	54.6	54.6	54.6	54.6
GE 14000	40.7	47.6	50.9	52.9	54.0	54.0	54.3	54.3	54.3	54.6	54.6	54.6	54.8	54.8	54.8	54.8
GE 12000	42.4	49.3	52.6	54.6	55.7	55.7	56.0	56.0	56.0	56.3	56.3	56.3	56.5	56.5	56.5	56.5
GE 10000	44.9	52.3	55.6	57.6	58.7	58.7	59.0	59.0	59.0	59.3	59.3	59.3	59.5	59.5	59.5	59.5
GE 9000	45.4	52.7	56.0	58.2	59.5	59.5	59.8	59.8	59.8	60.1	60.1	60.1	60.3	60.3	60.3	60.3
GE 8000	49.8	57.6	61.5	63.8	65.1	65.1	65.4	65.4	65.4	65.7	65.7	65.7	65.9	65.9	65.9	65.9
GE 7000	51.6	59.9	63.8	66.2	67.4	67.4	67.8	67.8	67.8	68.1	68.1	68.1	68.2	68.2	68.2	68.2
GE 6000	51.6	59.9	63.8	66.2	67.4	67.4	67.8	67.8	67.8	68.1	68.1	68.1	68.2	68.2	68.2	68.2
GE 5000	52.7	61.7	65.6	68.1	69.3	69.3	69.6	69.6	69.6	70.0	70.0	70.0	70.1	70.1	70.1	70.1
GE 4500	54.1	63.2	67.3	70.0	71.2	71.2	71.5	71.5	71.5	71.8	71.8	71.8	72.0	72.0	72.0	72.0
GE 4000	55.2	64.5	68.9	71.5	72.9	72.9	73.2	73.2	73.2	73.6	73.6	73.6	73.7	73.7	73.7	73.7
GE 3500	55.4	64.9	69.6	72.3	73.9	73.9	74.2	74.2	74.2	74.5	74.5	74.5	74.6	74.6	74.6	74.6
GE 3000	55.9	65.9	70.7	73.4	75.0	75.0	75.3	75.3	75.3	75.6	75.6	75.6	75.7	75.7	75.7	75.7
GE 2500	56.5	66.7	71.7	74.5	76.4	76.4	76.7	76.7	76.7	77.0	77.0	77.0	77.2	77.2	77.2	77.2
GE 2000	58.5	69.0	74.3	77.2	79.2	79.3	79.7	79.7	79.7	80.1	80.1	80.1	80.3	80.3	80.3	80.3
GE 1800	58.7	69.2	74.5	77.5	79.7	79.8	80.1	80.1	80.1	80.6	80.6	80.6	80.8	80.8	80.8	80.8
GE 1500	59.2	70.1	75.4	78.7	80.9	81.2	81.8	81.8	81.8	82.3	82.3	82.3	82.5	82.5	82.5	82.5
GE 1200	60.1	71.2	77.5	81.4	83.6	83.9	84.7	84.7	84.7	85.1	85.1	85.1	85.3	85.3	85.3	85.3
GE 1000	60.7	72.1	78.6	82.5	85.3	85.8	86.5	86.5	86.5	87.0	87.0	87.0	87.2	87.2	87.2	87.2
GE 900	61.0	72.8	79.3	83.4	86.5	87.2	88.1	88.1	88.1	88.6	88.6	88.6	88.7	88.7	88.7	88.7
GE 800	61.0	73.1	80.0	84.8	88.1	89.0	90.1	90.1	90.1	90.6	90.6	90.6	90.8	90.8	90.8	90.8
GE 700	61.2	73.2	80.8	85.8	89.8	90.9	92.2	92.2	92.2	92.6	92.6	92.6	92.8	92.8	92.8	92.8
GE 600	61.2	73.2	80.8	85.9	90.3	91.7	93.1	93.4	93.4	93.9	93.9	93.9	94.1	94.1	94.1	94.1
GE 500	61.2	73.2	80.9	86.1	91.2	92.8	94.8	95.6	95.6	96.2	96.2	96.2	96.4	96.7	96.7	96.7
GE 400	61.2	73.2	81.2	86.4	91.5	93.3	95.3	96.6	96.6	97.3	97.5	97.5	97.8	98.1	98.1	98.1
GE 300	61.2	73.2	81.2	86.4	91.5	93.3	95.3	96.6	96.6	97.5	97.8	97.8	98.4	98.7	98.7	98.7
GE 200	61.2	73.2	81.2	86.4	91.5	93.3	95.3	96.6	96.6	97.5	98.0	98.0	99.2	99.5	99.5	99.5
GE 100	61.2	73.2	81.2	86.4	91.5	93.3	95.3	96.6	96.6	97.5	98.0	98.0	99.2	99.7	99.8	99.8
GE 000	61.2	73.2	81.2	86.4	91.5	93.3	95.3	96.6	96.6	97.5	98.0	98.0	99.2	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	43.5	48.0	51.5	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 20000	48.4	52.9	56.3	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 18000	48.7	53.2	56.7	57.0	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	48.7	53.4	56.8	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 14000	48.7	53.4	57.0	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 12000	49.9	54.8	58.4	58.7	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 10000	52.9	58.2	62.0	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 9000	53.1	58.4	62.1	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 8000	57.7	63.4	67.1	67.6	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 7000	59.0	64.6	68.4	68.9	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 6000	59.0	64.6	68.4	68.9	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 5000	60.4	66.2	70.0	70.7	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 4500	61.5	67.3	71.0	71.8	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4000	62.8	68.9	72.8	73.7	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 3500	63.7	69.8	73.7	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
GE 3000	66.2	72.5	76.8	77.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 2500	67.1	73.9	78.7	79.8	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 2000	68.9	76.7	82.3	84.0	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1800	69.2	77.2	82.9	85.0	86.5	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1500	69.5	77.9	84.0	86.4	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1200	70.7	80.6	87.3	90.8	92.8	93.3	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7
GE 1000	70.7	81.2	87.9	91.7	93.9	94.5	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
GE 900	70.9	81.5	88.3	92.2	94.5	95.3	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1
GE 800	71.0	81.7	88.9	92.8	95.3	96.2	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	71.0	81.7	89.0	93.1	95.6	96.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	71.0	81.7	89.0	93.3	95.9	97.3	98.7	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	71.2	81.8	89.2	93.4	96.1	97.7	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	71.2	81.8	89.2	93.4	96.1	97.7	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	71.2	81.8	89.2	93.4	96.1	97.7	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	71.2	81.8	89.2	93.4	96.1	97.7	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	71.2	81.8	89.2	93.4	96.1	97.7	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	71.2	81.8	89.2	93.4	96.1	97.7	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.3	50.1	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 20000	48.8	55.9	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
GE 18000	49.1	56.3	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
GE 16000	49.1	56.3	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
GE 14000	49.8	57.0	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 12000	51.2	58.5	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
GE 10000	52.4	60.7	64.3	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	52.7	61.2	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 8000	58.5	67.8	71.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 7000	59.6	69.2	73.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 6000	59.8	69.3	73.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 5000	61.7	71.2	75.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 4500	62.4	72.0	76.1	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 4000	64.8	74.5	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	79.7
GE 3500	66.0	76.2	80.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3000	69.2	79.8	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 2500	70.3	81.5	86.7	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 2000	72.8	84.7	90.5	92.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1800	73.1	85.1	90.9	92.5	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 1500	74.2	86.5	93.0	94.5	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	74.3	87.2	93.9	95.6	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	74.3	87.3	94.2	95.9	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 900	74.5	87.5	94.4	96.1	97.5	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	74.6	87.6	94.7	96.4	98.0	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	74.6	87.8	94.8	96.6	98.1	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	74.6	87.8	94.8	96.7	98.7	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	74.6	87.8	94.8	96.7	98.7	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	74.6	87.8	94.8	96.7	98.7	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	74.6	87.8	94.8	96.7	98.7	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	74.6	87.8	94.8	96.7	98.7	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	74.6	87.8	94.8	96.7	98.7	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	74.6	87.8	94.8	96.7	98.7	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	43.8	50.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 20000	52.3	60.1	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 18000	52.6	60.4	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 16000	52.6	60.4	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 14000	53.2	61.2	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 12000	53.7	61.8	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 10000	54.9	63.2	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 9000	55.4	63.7	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 8000	60.4	69.2	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 7000	60.9	69.6	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 6000	61.2	70.0	74.3	74.8	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	64.0	73.4	77.8	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 4500	64.8	74.2	78.6	79.0	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 4000	68.2	78.6	82.9	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 3500	70.9	81.4	85.9	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 3000	73.1	83.9	88.4	89.4	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2500	74.0	85.0	90.0	91.5	91.5	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2000	74.6	85.8	90.8	93.0	93.1	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1800	75.1	86.2	91.4	93.6	93.7	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1500	76.1	87.3	92.5	94.8	95.6	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	76.4	88.1	93.4	95.9	97.0	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	76.4	88.3	93.6	96.6	97.7	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	76.5	88.4	93.7	96.7	97.8	98.1	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	76.7	88.6	94.2	97.2	98.4	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	76.7	88.6	94.2	97.2	98.6	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	76.7	88.6	94.2	97.2	98.6	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	76.7	88.9	94.5	97.5	98.9	99.2	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	76.7	88.9	94.5	97.5	98.9	99.2	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	76.7	88.9	94.5	97.5	98.9	99.2	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	76.7	88.9	94.5	97.5	98.9	99.2	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	76.7	88.9	94.5	97.5	98.9	99.2	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	76.7	88.9	94.5	97.5	98.9	99.2	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.6	53.8	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 20000	54.6	62.1	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 18000	54.8	62.3	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 16000	54.8	62.3	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 14000	55.1	62.6	65.4	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 12000	55.4	62.9	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 10000	58.1	65.7	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 9000	58.1	65.7	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 8000	64.0	72.9	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 7000	65.1	74.0	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 6000	65.6	74.6	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 5000	66.8	76.2	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4500	68.1	77.5	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 4000	70.0	80.1	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 3500	71.2	81.5	85.6	86.2	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	73.1	83.6	88.3	88.9	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2500	73.4	83.9	89.2	89.8	90.3	90.6	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2000	74.3	85.0	90.6	91.2	91.9	92.2	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1800	74.5	85.1	90.8	91.4	92.0	92.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1500	75.4	86.1	92.0	92.6	93.3	93.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1200	75.7	86.9	92.8	93.9	95.0	95.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1000	75.7	87.2	93.1	94.4	95.6	96.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	75.9	87.3	93.3	94.5	95.8	96.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	75.9	87.6	93.6	94.8	96.1	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	75.9	87.6	93.6	94.8	96.1	96.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	75.9	87.8	93.9	95.3	96.6	97.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	75.9	87.9	94.1	95.5	96.7	97.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	76.1	88.3	94.4	95.8	97.3	98.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	76.1	88.3	94.4	95.8	97.3	98.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	76.1	88.3	94.4	95.8	97.3	98.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	76.1	88.3	94.4	95.8	97.3	98.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	76.1	88.3	94.4	95.8	97.3	98.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.6	52.5	54.8	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 20000	55.8	59.3	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
GE 18000	55.8	59.3	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
GE 16000	55.8	59.3	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
GE 14000	55.8	59.3	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
GE 12000	56.2	59.8	62.8	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 10000	58.8	62.6	65.9	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	58.8	62.6	65.9	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 8000	64.9	69.4	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 7000	66.6	71.3	74.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 6000	66.6	71.3	74.8	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	68.9	73.6	77.4	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 4500	69.4	74.4	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4000	71.3	77.9	82.8	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 3500	72.2	79.5	84.9	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 3000	75.5	82.8	88.5	89.2	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 2500	75.8	83.3	89.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2000	76.0	84.0	90.1	91.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1800	76.0	84.0	90.1	91.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1500	76.0	84.0	90.1	91.1	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1200	76.5	84.7	91.3	92.5	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1000	77.6	85.9	92.5	93.9	94.8	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 900	77.6	85.9	92.5	93.9	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 800	77.6	86.4	92.9	94.4	95.5	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	77.6	86.4	92.9	94.4	95.5	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	78.1	87.3	94.4	95.8	97.2	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	78.4	87.5	94.6	96.0	97.4	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	78.6	87.8	94.8	96.2	97.6	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	78.8	88.0	95.1	96.5	98.4	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	78.8	88.0	95.1	96.5	98.4	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.8	88.0	95.1	96.5	98.4	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	78.8	88.0	95.1	96.5	98.4	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 425

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: PORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	43.7	49.3	52.2	52.7	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1
GE 20000	49.7	56.1	59.4	60.0	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 18000	49.9	56.3	59.7	60.2	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 16000	49.9	56.4	59.7	60.2	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 14000	50.2	56.7	60.1	60.6	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0
GE 12000	51.2	57.7	61.1	61.7	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 10000	53.4	60.3	63.8	64.3	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 9000	53.6	60.6	64.1	64.6	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 8000	58.9	66.5	70.4	71.3	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 7000	60.1	67.9	71.8	72.7	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2
GE 6000	60.3	68.1	72.0	72.9	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4
GE 5000	62.0	70.2	74.1	75.1	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	63.0	71.2	75.2	76.2	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4000	65.0	73.8	78.1	79.2	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 3500	66.2	75.3	79.7	80.9	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6
GE 3000	68.4	77.8	82.5	83.7	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 2500	69.1	78.8	84.0	85.4	86.2	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 2000	70.6	80.7	86.2	87.9	88.9	89.1	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1800	70.8	81.0	86.6	88.3	89.4	89.5	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1500	71.5	81.9	87.7	89.6	90.9	91.0	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1200	72.0	83.0	89.3	91.6	93.1	93.3	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000	72.3	83.5	89.8	92.4	94.0	94.4	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 900	72.5	83.8	90.1	92.7	94.5	95.0	95.7	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	72.5	84.0	90.6	93.3	95.2	95.8	96.6	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 700	72.6	84.1	90.8	93.6	95.6	96.4	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 600	72.6	84.2	91.0	93.9	96.2	97.0	97.9	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	72.7	84.4	91.2	94.1	96.5	97.3	98.5	98.8	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1
GE 400	72.7	84.4	91.3	94.2	96.7	97.6	98.8	99.1	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6
GE 300	72.8	84.5	91.3	94.3	96.7	97.7	98.9	99.3	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.8
GE 200	72.8	84.5	91.3	94.3	96.7	97.7	98.9	99.3	99.3	99.5	99.6	99.6	99.9	99.9	99.9	99.9
GE 100	72.8	84.5	91.3	94.3	96.7	97.7	98.9	99.3	99.3	99.5	99.6	99.6	99.9	99.9	100.0	100.0
GE 000	72.8	84.5	91.3	94.3	96.7	97.7	98.9	99.3	99.3	99.5	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3620

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/4	GE 1/4	GE 0
NO CEIL	41.2	51.3	57.2	62.7	63.9	64.2	64.4	64.5	64.5	64.7	64.9	64.9	64.9	64.9	64.9	64.9
GE 20000	45.3	55.8	61.7	67.3	68.7	69.1	69.2	69.4	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7
GE 18000	45.3	55.8	61.7	67.3	68.7	69.1	69.2	69.4	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7
GE 16000	45.3	55.8	61.7	67.3	68.7	69.1	69.2	69.4	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7
GE 14000	45.6	56.1	62.1	67.7	69.1	69.4	69.5	69.7	69.7	69.8	70.0	70.0	70.0	70.0	70.0	70.0
GE 12000	46.7	57.5	63.5	69.1	70.5	70.8	70.9	71.1	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4
GE 10000	47.6	58.9	65.3	70.9	72.3	72.9	73.3	73.4	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7
GE 9000	47.9	59.3	65.8	71.4	72.8	73.4	73.7	73.9	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2
GE 8000	53.3	65.9	73.4	79.0	80.7	81.3	81.6	81.8	81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.1
GE 7000	53.7	66.3	73.9	79.5	81.2	81.8	82.1	82.3	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6
GE 6000	53.7	66.3	73.9	79.6	81.3	82.0	82.3	82.4	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7
GE 5000	54.6	67.2	75.0	80.7	82.4	83.0	83.4	83.5	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8
GE 4500	54.6	67.3	75.1	80.9	82.6	83.2	83.5	83.7	83.7	83.8	84.0	84.0	84.0	84.0	84.0	84.0
GE 4000	56.1	68.9	77.1	82.9	84.8	85.4	85.8	86.0	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3
GE 3500	56.5	69.4	77.6	83.4	85.2	85.8	86.3	86.5	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8
GE 3000	57.2	70.5	78.7	84.8	86.6	87.2	87.7	87.9	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.2
GE 2500	57.7	70.9	79.2	85.2	87.1	87.7	88.2	88.3	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6
GE 2000	58.0	71.2	79.6	85.7	87.7	88.3	88.8	89.3	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6
GE 1800	58.0	71.2	79.6	85.7	87.7	88.3	88.8	89.3	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6
GE 1500	58.5	71.7	80.6	86.8	89.0	89.6	90.0	90.5	90.5	90.8	91.0	91.0	91.0	91.0	91.0	91.0
GE 1200	58.6	71.9	81.0	87.9	90.2	90.8	91.3	91.8	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2
GE 1000	59.4	72.8	82.1	89.3	91.6	92.2	92.7	93.3	93.3	93.6	93.8	93.8	93.8	93.8	93.8	93.8
GE 900	60.0	73.4	82.7	89.9	92.2	92.8	93.3	93.9	93.9	94.2	94.4	94.4	94.4	94.4	94.4	94.4
GE 800	60.5	73.9	83.4	90.8	93.2	93.8	94.2	94.9	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3
GE 700	60.8	74.3	84.1	91.9	94.9	95.5	96.1	96.7	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	60.8	74.5	84.3	92.2	95.2	95.8	96.4	97.2	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	60.8	74.5	84.4	92.4	95.5	96.1	97.2	98.1	98.1	98.6	98.9	98.9	99.1	99.1	99.1	99.1
GE 400	60.8	74.5	84.4	92.4	95.5	96.1	97.2	98.1	98.1	98.6	98.9	98.9	99.1	99.1	99.1	99.1
GE 300	60.8	74.5	84.4	92.4	95.5	96.1	97.4	98.3	98.3	98.8	99.2	99.2	99.4	99.4	99.4	99.4
GE 200	60.8	74.5	84.4	92.4	95.5	96.1	97.4	98.3	98.6	99.1	99.7	99.7	99.8	99.8	99.8	99.8
GE 100	60.8	74.5	84.4	92.4	95.5	96.1	97.4	98.3	98.6	99.1	99.7	99.7	99.8	99.8	100.0	100.0
GE 000	60.8	74.5	84.4	92.4	95.5	96.1	97.4	98.3	98.6	99.1	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 643

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.8	59.8	66.1	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 20000	51.1	65.0	71.6	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 18000	51.1	65.0	71.6	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 16000	51.1	65.0	71.6	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 14000	51.5	65.7	72.3	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.5	74.6
GE 12000	52.3	67.0	73.7	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 10000	53.4	69.4	76.1	78.4	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 9000	53.4	69.4	76.1	78.4	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 8000	57.5	74.3	81.8	84.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 7000	57.6	74.5	82.0	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 6000	57.6	74.5	82.0	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 5000	58.9	75.7	83.5	86.2	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4500	59.2	76.0	83.8	86.7	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 4000	60.1	77.5	85.5	88.7	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 3500	61.2	78.6	86.5	89.8	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 3000	63.3	81.2	89.1	92.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2500	63.5	81.3	89.3	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	64.5	82.4	90.7	94.0	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	64.5	82.4	90.7	94.0	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 1500	64.7	82.7	91.1	94.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200	65.4	83.8	92.4	95.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	65.9	84.3	92.8	96.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	66.1	84.4	93.0	96.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	66.1	84.4	93.0	96.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	66.1	84.4	93.0	96.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	66.1	84.4	93.0	96.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	66.1	84.4	93.0	97.1	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	66.1	84.4	93.0	97.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	66.1	84.4	93.0	97.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.1	84.4	93.0	97.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.1	84.4	93.0	97.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000		84.4	93.0	97.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 654

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	45.7	58.1	63.0	64.5	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 20000	52.6	67.9	73.9	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 18000	52.6	67.9	73.9	75.4	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 16000	52.6	67.9	73.9	75.4	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 14000	52.6	67.9	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
GE 12000	53.1	68.3	74.3	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 10000	54.0	69.6	76.3	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 9000	54.0	69.6	76.5	78.1	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 8000	58.3	74.9	82.3	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 7000	58.3	75.5	82.9	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 6000	58.9	76.3	83.8	85.8	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 5000	59.9	77.5	85.0	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 4500	59.9	77.5	85.2	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 4000	61.5	79.7	87.6	90.2	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 3500	63.3	81.7	89.8	92.4	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 3000	64.8	84.3	92.4	95.0	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	65.4	85.0	93.6	96.3	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 2000	65.9	85.5	94.5	97.4	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	65.9	85.5	94.5	97.6	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	66.1	85.8	94.8	98.2	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	66.2	86.1	95.1	98.6	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	66.2	86.1	95.1	98.6	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	66.2	86.1	95.1	98.6	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	66.2	86.1	95.3	98.8	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	66.2	86.1	95.3	98.8	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	66.2	86.1	95.3	98.8	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	66.2	86.1	95.3	98.8	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	66.2	86.1	95.3	98.8	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	66.2	86.1	95.3	98.8	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.2	86.1	95.3	98.8	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.2	86.1	95.3	98.8	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	66.2	86.1	95.3	98.8	99.5	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 654

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	43.9	57.8	61.0	63.0	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 20000	50.7	66.6	70.6	73.2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 18000	50.7	66.6	70.6	73.2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 16000	50.7	66.6	70.6	73.2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 14000	50.7	66.6	70.7	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 12000	51.2	67.5	71.6	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 10000	52.2	69.8	74.3	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 9000	52.4	70.1	74.6	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 8000	56.5	74.6	80.0	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 7000	56.5	74.6	80.0	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 6000	57.3	75.3	80.7	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 5000	58.4	77.0	82.6	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4500	58.4	77.0	83.1	86.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4000	60.7	79.4	86.0	90.1	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3500	62.1	81.2	88.0	92.4	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 3000	63.0	83.2	90.6	95.2	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2500	63.3	84.1	91.7	96.3	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000	64.1	85.1	92.6	97.2	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	64.3	85.2	92.8	97.4	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	64.3	85.4	92.9	97.5	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 1200	64.3	85.7	93.2	97.8	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 1000	64.3	85.7	93.2	97.8	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 900	64.3	85.7	93.2	97.8	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 800	64.6	86.0	93.5	98.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0
GE 700	64.6	86.0	93.5	98.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0
GE 600	64.6	86.0	93.5	98.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0
GE 500	64.6	86.0	93.5	98.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0
GE 400	64.6	86.0	93.5	98.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0
GE 300	64.6	86.0	93.5	98.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0
GE 200	64.6	86.0	93.5	98.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0
GE 100	64.6	86.0	93.5	98.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0
GE 000	64.6	86.0	93.5	98.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 649

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.9	53.8	58.7	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 20000	48.4	61.0	66.7	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
GE 18000	48.4	61.0	66.7	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
GE 16000	48.4	61.0	66.7	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
GE 14000	48.7	61.5	67.1	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 12000	49.0	62.1	67.8	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
GE 10000	51.3	66.0	71.8	74.6	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 9000	51.6	66.5	72.3	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 8000	58.2	74.0	80.4	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 7000	58.2	74.0	80.4	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 6000	58.5	74.5	80.9	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 5000	59.9	76.2	82.9	86.5	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 4500	60.4	76.7	83.4	87.0	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4000	62.1	79.0	86.1	89.8	90.1	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6
GE 3500	62.3	79.8	86.9	90.9	91.2	91.2	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.2	92.2
GE 3000	63.1	81.1	88.9	93.4	93.9	94.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0	95.0	95.0
GE 2500	63.1	81.1	89.0	93.6	94.1	94.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.5	95.5	95.5
GE 2000	63.5	81.5	89.8	94.5	95.1	95.3	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.9	96.9	96.9
GE 1800	63.7	81.7	90.0	94.7	95.3	95.5	96.6	96.7	96.7	96.7	96.9	96.9	97.0	97.0	97.0	97.0
GE 1500	63.8	82.2	90.6	95.5	96.1	96.4	97.7	97.8	97.8	98.0	98.1	98.1	98.3	98.3	98.3	98.3
GE 1200	63.8	82.5	90.9	95.8	96.4	96.7	98.0	98.3	98.3	98.4	98.6	98.6	98.7	98.7	98.7	98.7
GE 1000	64.0	82.6	91.1	95.9	96.9	97.2	98.4	98.7	98.7	98.9	99.1	99.1	99.2	99.2	99.2	99.2
GE 900	64.0	82.6	91.1	95.9	96.9	97.2	98.4	98.7	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.4
GE 800	64.0	82.6	91.1	95.9	96.9	97.2	98.4	98.7	98.7	99.1	99.2	99.2	99.5	99.5	99.5	99.5
GE 700	64.0	82.8	91.2	96.1	97.0	97.3	98.6	98.9	98.9	99.2	99.4	99.4	99.7	99.7	99.7	99.7
GE 600	64.0	82.9	91.4	96.2	97.2	97.5	98.7	99.1	99.1	99.4	99.5	99.5	99.8	99.8	99.8	99.8
GE 500	64.0	82.9	91.4	96.2	97.2	97.5	98.7	99.1	99.1	99.5	99.7	99.7	100.0	100.0	100.0	100.0
GE 400	64.0	82.9	91.4	96.2	97.2	97.5	98.7	99.1	99.1	99.5	99.7	99.7	100.0	100.0	100.0	100.0
GE 300	64.0	82.9	91.4	96.2	97.2	97.5	98.7	99.1	99.1	99.5	99.7	99.7	100.0	100.0	100.0	100.0
GE 200	64.0	82.9	91.4	96.2	97.2	97.5	98.7	99.1	99.1	99.5	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	64.0	82.9	91.4	96.2	97.2	97.5	98.7	99.1	99.1	99.5	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	64.0	82.9	91.4	96.2	97.2	97.5	98.7	99.1	99.1	99.5	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	48.9	59.3	64.9	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 20000	52.5	63.7	69.5	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
GE 18000	52.5	63.7	69.5	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
GE 16000	52.5	63.7	69.5	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
GE 14000	52.5	64.2	70.0	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 12000	53.5	65.1	70.9	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 10000	55.4	67.6	73.4	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 9000	55.4	67.6	73.4	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 8000	59.8	72.6	79.2	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 7000	59.8	72.6	79.2	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 6000	60.0	72.9	79.7	81.4	81.6	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 5000	61.7	75.3	82.6	85.0	85.2	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4500	62.5	76.0	83.8	86.2	86.4	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4000	63.9	78.0	86.2	88.6	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 3500	64.6	78.7	87.4	90.1	91.0	91.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3000	65.9	80.4	90.3	93.2	94.2	94.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2500	66.3	81.1	91.3	94.4	95.4	95.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2000	66.6	81.8	92.5	95.6	96.6	96.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1
GE 1800	66.6	81.8	92.5	95.6	96.6	96.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1
GE 1500	66.6	82.1	92.7	95.9	96.9	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3
GE 1200	66.6	82.1	92.7	95.9	96.9	96.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5
GE 1000	66.6	82.1	93.2	96.4	97.3	97.3	98.5	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 900	66.8	82.3	93.5	96.6	97.6	97.6	98.8	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3
GE 800	66.8	82.3	93.5	96.6	97.6	97.6	99.0	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5
GE 700	66.8	82.3	93.5	96.6	97.6	97.6	99.0	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5
GE 600	66.8	82.3	93.5	96.6	97.6	97.6	99.3	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8
GE 500	66.8	82.3	93.5	96.6	97.6	97.6	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 400	66.8	82.3	93.5	96.6	97.6	97.6	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 300	66.8	82.3	93.5	96.6	97.6	97.6	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 200	66.8	82.3	93.5	96.6	97.6	97.6	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 100	66.8	82.3	93.5	96.6	97.6	97.6	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
GE 000	66.8	82.3	93.5	96.6	97.6	97.6	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 413

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.7	56.5	61.6	64.2	64.6	64.6	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8
GE 20000	49.9	63.3	69.0	71.7	72.2	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4
GE 18000	49.9	63.3	69.0	71.7	72.2	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4
GE 16000	49.9	63.3	69.0	71.7	72.2	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4
GE 14000	50.1	63.7	69.3	72.1	72.6	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 12000	50.8	64.6	70.3	73.1	73.6	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8
GE 10000	52.1	66.9	72.9	75.7	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 9000	52.3	67.1	73.1	76.0	76.5	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 8000	57.1	72.8	79.5	82.7	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 7000	57.2	72.9	79.8	82.9	83.5	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 6000	57.5	73.3	80.2	83.5	84.1	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 5000	58.7	74.8	81.9	85.4	86.1	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 4500	59.0	75.1	82.3	85.8	86.5	86.6	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4000	60.5	77.0	84.7	88.4	89.1	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 3500	61.5	78.2	86.0	89.8	90.6	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
GE 3000	62.7	80.1	88.2	92.3	93.2	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2500	63.0	80.6	88.9	93.0	93.9	94.1	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 2000	63.6	81.2	89.8	94.0	95.0	95.2	95.6	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
GE 1800	63.7	81.3	89.9	94.1	95.1	95.2	95.7	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 1500	63.8	81.6	90.3	94.7	95.8	96.0	96.5	96.7	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9
GE 1200	64.0	82.0	90.8	95.3	96.5	96.7	97.2	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6
GE 1000	64.3	82.3	91.2	95.7	97.1	97.3	97.8	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	64.4	82.4	91.3	95.9	97.3	97.5	98.1	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE 800	64.6	82.6	91.5	96.2	97.6	97.8	98.4	98.6	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9
GE 700	64.6	82.7	91.7	96.4	97.9	98.2	98.8	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3
GE 600	64.6	82.7	91.7	96.5	98.0	98.2	98.9	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.5	99.5
GE 500	64.6	82.7	91.8	96.5	98.1	98.3	99.1	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8
GE 400	64.6	82.7	91.8	96.5	98.1	98.3	99.2	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	64.6	82.7	91.8	96.5	98.1	98.3	99.2	99.5	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9
GE 200	64.6	82.7	91.8	96.5	98.1	98.3	99.2	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 100	64.6	82.7	91.8	96.5	98.1	98.3	99.2	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 000	64.6	82.7	91.8	96.5	98.1	98.3	99.2	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3652

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	27.3	42.3	46.1	50.1	54.7	55.7	56.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 20000	30.5	47.7	52.6	57.7	63.0	64.1	65.1	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 18000	30.5	47.7	52.6	57.7	63.0	64.1	65.1	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 16000	30.5	47.7	52.6	57.7	63.0	64.1	65.1	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 14000	30.5	47.7	52.6	57.7	63.0	64.1	65.1	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 12000	30.5	47.8	53.0	58.2	63.5	64.6	65.6	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 10000	32.9	51.8	57.6	63.5	68.9	70.2	71.3	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 9000	32.9	52.0	57.9	64.0	69.4	70.7	71.8	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 8000	35.1	56.6	64.3	70.8	76.4	77.7	78.8	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 7000	35.4	57.1	64.8	71.5	77.0	78.3	79.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 6000	35.6	57.3	64.9	71.6	77.2	78.5	79.6	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 5000	36.2	58.2	65.9	72.9	78.8	80.1	81.2	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 4500	36.2	58.5	66.3	73.4	79.3	80.5	81.7	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4000	37.0	59.8	67.6	74.6	80.9	82.1	83.3	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 3500	37.2	60.0	67.9	75.1	81.3	82.6	83.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 3000	37.5	60.4	68.7	76.4	82.8	84.1	85.2	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2500	38.1	61.2	69.5	77.2	83.6	84.8	86.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2000	38.4	62.4	70.8	78.5	84.8	86.1	87.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800	38.4	62.4	71.0	78.6	85.2	86.4	87.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1500	39.7	64.3	73.0	81.2	87.9	89.2	91.1	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1200	40.7	65.9	74.6	82.8	89.6	90.9	92.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1000	41.1	67.0	75.9	84.5	91.7	93.0	94.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 900	41.1	67.5	76.4	85.3	92.5	93.8	95.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 800	41.5	67.9	76.9	85.8	93.0	94.3	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	41.5	68.6	77.8	86.9	94.1	95.4	97.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	41.5	68.7	78.1	87.2	94.4	95.7	97.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	41.5	68.7	78.1	87.2	94.4	95.7	98.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	41.5	68.7	78.1	87.2	94.7	96.0	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	41.5	68.7	78.1	87.2	94.7	96.0	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	41.5	68.7	78.1	87.2	94.7	96.0	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	41.5	68.7	78.1	87.2	94.7	96.0	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	41.5	68.7	78.1	87.2	94.7	96.0	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 627

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	32.4	46.5	52.8	57.1	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 20000	35.4	52.0	59.9	64.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 18000	35.4	52.0	59.9	64.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 16000	35.4	52.0	59.9	64.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 14000	35.8	52.5	60.4	64.6	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	36.8	53.8	61.8	66.5	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 10000	38.7	56.6	64.9	69.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 9000	38.8	57.1	65.7	70.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 8000	42.0	61.2	70.1	75.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 7000	42.1	61.8	70.9	76.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 6000	42.5	62.1	71.2	76.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 5000	42.8	62.9	72.2	77.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 4500	42.8	62.9	72.2	77.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 4000	42.9	63.4	73.7	79.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3500	43.2	64.6	75.2	80.7	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3000	46.4	67.9	78.8	84.4	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2500	46.7	68.7	79.7	85.4	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2000	47.3	70.3	81.9	87.6	91.2	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1800	47.8	70.8	82.4	88.1	91.7	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1500	48.6	71.9	84.4	90.1	93.7	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1200	48.6	72.6	85.8	91.8	95.6	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1000	48.7	72.8	86.5	92.8	96.5	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	48.7	73.1	86.9	93.4	97.2	97.3	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	49.1	73.4	87.4	94.0	97.8	98.0	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	49.2	73.9	88.1	94.8	98.6	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	49.2	74.1	88.2	95.0	98.7	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	49.2	74.1	88.2	95.0	98.9	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	49.2	74.1	88.2	95.0	98.9	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	49.2	74.1	88.2	95.0	98.9	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	49.2	74.1	88.2	95.0	98.9	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	49.2	74.1	88.2	95.0	98.9	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	49.2	74.1	88.2	95.0	98.9	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 636

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.0	42.2	49.9	55.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 20000	35.9	49.6	58.5	64.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 18000	36.0	49.8	58.6	64.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 16000	36.0	49.8	58.6	64.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 14000	36.0	50.1	58.9	64.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 12000	37.4	51.7	60.8	67.0	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 10000	40.1	55.6	65.2	71.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 9000	40.1	56.1	65.7	71.9	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 8000	43.3	60.7	71.2	77.7	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 7000	43.3	60.8	71.4	77.9	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 6000	43.3	60.8	71.4	77.9	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 5000	43.4	61.1	71.7	78.2	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	44.4	62.1	72.7	79.1	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4000	45.0	63.5	74.1	80.6	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3500	45.5	65.6	76.5	83.1	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 3000	47.6	69.4	80.7	87.5	92.7	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2500	47.7	70.3	81.8	88.6	93.8	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2000	48.7	71.6	83.6	90.4	95.7	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1800	48.7	71.6	83.7	90.5	96.1	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	48.7	71.6	83.9	90.7	96.2	96.7	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200	49.1	72.4	85.0	92.1	97.8	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	49.1	72.4	85.0	92.1	97.8	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	49.1	72.5	85.2	92.4	98.3	98.7	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	49.1	72.5	85.2	92.4	98.3	98.7	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	49.1	72.5	85.2	92.4	98.3	98.7	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	49.1	72.5	85.2	92.4	98.3	98.7	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	49.1	72.5	85.3	92.9	98.7	99.2	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	49.1	72.5	85.3	92.9	98.7	99.2	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	49.1	72.5	85.3	92.9	98.7	99.2	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	49.1	72.5	85.3	92.9	98.7	99.2	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	49.1	72.5	85.3	92.9	98.7	99.2	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	49.1	72.5	85.3	92.9	98.7	99.2	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 633

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.2	42.6	50.1	55.6	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 20000	35.0	51.8	60.3	66.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 18000	35.5	52.3	60.7	66.6	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 16000	35.5	52.3	60.7	66.6	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 14000	35.8	52.6	61.0	66.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 12000	36.7	53.6	62.2	68.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 10000	38.8	57.6	66.3	72.3	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 9000	39.0	58.2	66.9	73.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 8000	42.3	63.6	73.0	79.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 7000	42.3	64.2	73.6	80.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 6000	42.4	64.5	74.1	80.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 5000	42.4	64.9	74.4	81.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 4500	42.6	65.2	75.0	82.2	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 4000	43.2	66.3	76.6	83.9	88.6	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3500	43.9	68.2	78.9	86.6	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 3000	45.3	70.6	81.4	89.8	94.9	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	45.3	70.7	81.7	90.3	95.5	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2000	45.9	71.5	82.7	91.4	96.7	96.8	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	46.1	71.7	82.8	91.6	96.8	97.0	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	46.6	72.3	83.5	92.2	97.5	97.6	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	46.6	72.7	83.8	92.5	97.8	97.9	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	46.6	72.7	83.8	92.5	97.8	97.9	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	46.6	73.1	84.3	93.0	98.3	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	46.6	73.1	84.3	93.0	98.3	98.4	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	46.6	73.1	84.3	93.0	98.3	98.4	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	46.6	73.1	84.3	93.0	98.3	98.4	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	46.6	73.1	84.3	93.5	98.7	98.9	99.2	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 400	46.6	73.1	84.3	93.5	98.7	98.9	99.2	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0
GE 300	46.6	73.1	84.3	93.5	98.7	98.9	99.2	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0
GE 200	46.6	73.1	84.3	93.5	98.7	98.9	99.2	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0
GE 100	46.6	73.1	84.3	93.5	98.7	98.9	99.2	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0
GE 000	46.6	73.1	84.3	93.5	98.7	98.9	99.2	99.7	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 629

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.1	41.7	48.6	53.6	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 20000	36.6	50.9	59.3	65.4	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	37.0	51.7	60.1	66.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 16000	37.0	51.7	60.1	66.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 14000	37.0	51.9	60.4	66.7	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 12000	37.4	52.8	61.4	67.8	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 10000	40.4	57.3	66.0	72.5	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	41.2	58.3	67.0	73.6	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 8000	44.4	63.0	72.6	79.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 7000	44.6	63.3	72.9	80.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 6000	45.4	64.3	74.1	81.5	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 5000	46.1	65.1	75.0	82.4	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 4500	46.2	65.2	75.7	83.3	87.4	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4000	46.9	66.5	77.5	85.2	89.5	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3500	48.8	68.8	80.0	87.9	92.6	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 3000	49.1	69.7	81.3	89.2	94.2	94.4	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2500	49.4	70.4	82.1	90.0	95.0	95.2	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2000	50.4	71.5	83.3	91.3	96.3	96.5	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	50.4	71.7	83.4	91.5	96.5	96.6	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	50.7	72.8	84.7	92.8	97.7	97.9	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	50.9	72.9	85.0	93.1	98.1	98.2	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	50.9	72.9	85.0	93.1	98.2	98.4	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	50.9	73.3	85.3	93.6	98.7	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	50.9	73.3	85.3	93.6	98.7	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	50.9	73.3	85.3	93.6	98.7	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	50.9	73.3	85.3	93.6	98.7	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	50.9	73.3	85.3	93.6	98.7	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	50.9	73.3	85.3	93.6	98.7	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	50.9	73.3	85.3	93.6	98.7	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	50.9	73.3	85.3	93.6	98.7	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	50.9	73.3	85.3	93.6	98.7	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	50.9	73.3	85.3	93.6	98.7	98.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 621

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	35.2	44.5	50.5	57.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 20000	40.7	51.5	58.8	67.1	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 18000	41.5	52.5	59.8	68.1	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 16000	41.5	52.5	59.8	68.1	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 14000	41.5	52.5	59.8	68.1	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 12000	41.5	53.0	60.8	69.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 10000	45.5	58.0	66.3	74.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 9000	45.5	58.0	66.3	74.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 8000	50.0	63.6	72.6	81.7	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 7000	50.0	63.6	72.6	81.7	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 6000	50.3	63.8	73.4	82.4	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 5000	50.8	64.6	74.1	83.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 4500	50.8	64.6	74.1	83.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 4000	52.0	67.6	77.6	86.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3500	52.8	68.3	78.4	87.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 3000	53.0	69.3	79.9	88.9	96.0	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2500	53.0	69.3	79.9	88.9	96.0	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2000	53.8	70.1	80.7	89.7	96.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	54.0	70.4	80.9	89.9	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	54.0	71.1	81.9	91.2	98.2	98.2	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	54.0	71.1	81.9	91.2	98.2	98.2	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	54.3	71.4	82.2	91.5	98.5	98.5	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	54.5	71.6	82.4	91.7	98.7	98.7	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	54.5	71.6	82.4	91.7	98.7	98.7	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	54.5	71.6	82.4	91.7	98.7	98.7	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	54.5	71.6	82.4	91.7	98.7	98.7	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	54.5	71.6	82.4	91.7	98.7	98.7	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	54.5	71.6	82.4	91.7	98.7	98.7	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	54.5	71.6	82.4	91.7	98.7	98.7	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	54.5	71.6	82.4	91.7	98.7	98.7	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	54.5	71.6	82.4	91.7	98.7	98.7	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	54.5	71.6	82.4	91.7	98.7	98.7	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 398

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.8	43.2	49.6	54.8	58.2	58.4	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 20000	35.3	50.5	58.2	63.9	67.8	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 18000	35.6	50.9	58.5	64.3	68.2	68.4	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 16000	35.6	50.9	58.5	64.3	68.2	68.4	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 14000	35.8	51.1	58.8	64.6	68.5	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 12000	36.4	52.1	59.9	65.9	69.9	70.1	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 10000	39.0	56.0	64.3	70.4	74.5	74.7	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 9000	39.2	56.5	64.8	71.0	75.1	75.3	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 8000	42.4	61.3	70.5	77.2	81.4	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 7000	42.5	61.7	70.9	77.7	81.9	82.1	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 6000	42.8	62.0	71.4	78.1	82.4	82.6	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 5000	43.1	62.7	72.1	79.0	83.3	83.6	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4500	43.4	63.0	72.6	79.5	83.9	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4000	44.0	64.3	74.3	81.3	85.9	86.3	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 3500	44.7	65.7	76.0	83.2	88.1	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3000	46.0	67.8	78.4	85.9	91.1	91.5	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2500	46.3	68.4	79.1	86.6	91.9	92.2	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 2000	47.0	69.5	80.5	88.0	93.4	93.8	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1800	47.2	69.7	80.7	88.3	93.7	94.0	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1500	47.7	70.6	81.9	89.6	95.0	95.4	96.1	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	47.9	71.3	82.8	90.5	96.0	96.4	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	48.1	71.5	83.1	91.1	96.6	97.0	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	48.1	71.9	83.5	91.6	97.2	97.6	98.4	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	48.2	72.0	83.7	91.8	97.4	97.8	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	48.3	72.2	83.9	92.1	97.7	98.1	99.0	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	48.3	72.3	84.0	92.2	97.8	98.2	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	48.3	72.3	84.1	92.4	98.0	98.4	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	48.3	72.3	84.1	92.4	98.1	98.4	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	48.3	72.3	84.1	92.4	98.1	98.4	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	48.3	72.3	84.1	92.4	98.1	98.4	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	48.3	72.3	84.1	92.4	98.1	98.4	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	48.3	72.3	84.1	92.4	98.1	98.4	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3544

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.6	33.4	39.7	46.9	53.6	54.6	56.0	56.1	56.1	56.3	56.4	56.4	56.6	56.6	56.7	56.7
GE 20000	29.4	36.9	44.3	52.1	59.0	60.0	61.5	61.8	61.8	61.9	62.1	62.1	62.2	62.2	62.4	62.4
GE 18000	29.4	36.9	44.3	52.1	59.0	60.0	61.5	61.8	61.8	61.9	62.1	62.1	62.2	62.2	62.4	62.4
GE 16000	29.4	36.9	44.3	52.1	59.0	60.0	61.5	61.8	61.8	61.9	62.1	62.1	62.2	62.2	62.4	62.4
GE 14000	29.9	37.8	45.2	53.0	59.9	60.9	62.4	62.7	62.7	62.8	63.0	63.0	63.1	63.1	63.3	63.3
GE 12000	30.3	38.2	45.7	53.4	60.3	61.3	62.8	63.1	63.1	63.3	63.4	63.4	63.6	63.6	63.7	63.7
GE 10000	31.6	39.6	47.3	55.8	63.0	64.0	65.8	66.3	66.3	66.4	66.6	66.6	66.7	66.7	66.9	66.9
GE 9000	31.9	39.9	47.6	56.1	63.3	64.3	66.1	66.6	66.6	66.7	66.9	66.9	67.0	67.0	67.2	67.2
GE 8000	37.0	46.1	55.8	64.8	72.5	73.6	75.4	75.8	75.8	76.0	76.1	76.1	76.3	76.3	76.4	76.4
GE 7000	37.6	47.3	57.2	66.1	74.0	75.1	76.9	77.3	77.3	77.5	77.6	77.6	77.8	77.8	77.9	77.9
GE 6000	38.2	47.9	57.8	66.7	74.6	75.7	77.5	77.9	77.9	78.1	78.2	78.2	78.4	78.4	78.5	78.5
GE 5000	38.8	49.7	60.1	69.3	77.2	78.2	80.0	80.4	80.4	80.6	80.7	80.7	80.9	80.9	81.0	81.0
GE 4500	38.8	49.7	60.4	69.6	77.5	78.5	80.3	80.7	80.7	80.9	81.0	81.0	81.2	81.2	81.3	81.3
GE 4000	39.1	50.0	61.0	70.1	78.2	79.4	81.2	81.6	81.6	81.8	81.9	81.9	82.1	82.1	82.2	82.2
GE 3500	39.7	50.6	61.9	71.2	79.3	80.4	82.2	82.7	82.7	82.8	83.0	83.0	83.1	83.1	83.3	83.3
GE 3000	40.4	51.5	63.7	73.4	81.6	82.8	84.6	85.1	85.1	85.2	85.4	85.4	85.5	85.5	85.7	85.7
GE 2500	40.7	51.8	64.2	74.0	82.2	83.4	85.2	85.7	85.7	85.8	86.0	86.0	86.1	86.1	86.3	86.3
GE 2000	41.2	52.2	64.8	75.1	83.7	84.9	86.7	87.2	87.2	87.3	87.5	87.5	87.6	87.6	87.8	87.8
GE 1800	41.2	52.2	64.9	75.4	84.0	85.2	87.0	87.5	87.5	87.6	87.8	87.8	87.9	87.9	88.1	88.1
GE 1500	42.1	53.6	66.4	77.0	86.0	87.2	89.1	89.6	89.6	89.7	90.0	90.0	90.1	90.1	90.3	90.3
GE 1200	42.4	53.9	66.9	77.6	87.2	88.5	90.6	91.0	91.0	91.2	91.5	91.5	91.6	91.6	91.8	91.8
GE 1000	42.7	54.3	67.3	78.1	88.1	89.4	91.8	92.2	92.2	92.4	92.7	92.7	92.8	92.8	93.0	93.0
GE 900	43.3	55.1	68.2	79.0	89.0	90.4	93.0	93.7	93.7	93.9	94.2	94.2	94.3	94.3	94.5	94.5
GE 800	43.4	55.4	68.5	79.4	89.6	91.0	93.9	94.8	94.8	94.9	95.2	95.2	95.4	95.4	95.5	95.5
GE 700	43.9	56.1	69.4	80.3	90.6	92.1	94.9	95.8	95.8	96.0	96.3	96.3	96.4	96.4	96.6	96.6
GE 600	43.9	56.4	69.9	81.0	91.8	93.3	96.4	97.3	97.3	97.5	97.8	97.8	97.9	97.9	98.1	98.1
GE 500	44.2	56.9	70.3	81.6	92.4	93.9	97.3	98.2	98.2	98.4	98.7	98.7	98.8	98.8	99.0	99.0
GE 400	44.2	56.9	70.3	81.6	92.4	93.9	97.6	98.5	98.5	98.7	99.0	99.0	99.3	99.3	99.4	99.4
GE 300	44.2	56.9	70.3	81.6	92.4	93.9	97.6	98.5	98.5	98.7	99.0	99.0	99.3	99.3	99.4	99.4
GE 200	44.2	56.9	70.3	81.6	92.4	93.9	97.6	98.7	98.7	98.8	99.1	99.1	99.4	99.6	99.7	99.7
GE 100	44.2	56.9	70.3	81.6	92.4	93.9	97.6	98.7	98.7	98.8	99.1	99.1	99.7	99.9	100.0	100.0
GE 000	44.2	56.9	70.3	81.6	92.4	93.9	97.6	98.7	98.7	98.8	99.1	99.1	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 670

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087 STATION NAME: FORT EUSTIS/FELKER AAF VA PERIOD OF RECORD: OCT 81 - NOV 91
LST TO UTC: + 5 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 CRIL	32.3	40.6	47.3	54.5	56.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 20000	36.5	45.7	53.0	60.7	62.6	63.1	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 18000	36.5	45.7	53.0	60.7	62.6	63.1	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 16000	36.5	45.7	53.0	60.9	62.8	63.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 14000	36.6	45.8	53.1	61.0	62.9	63.4	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 12000	37.4	46.6	53.9	61.8	63.7	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 10000	40.3	50.3	58.3	66.5	68.6	69.0	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 9000	41.1	51.0	59.2	67.4	69.5	69.9	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 8000	46.1	57.0	65.5	73.7	75.9	76.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 7000	46.3	57.1	65.6	74.0	76.3	76.8	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 6000	46.4	57.3	65.8	74.1	76.5	76.9	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 5000	47.5	58.6	68.6	76.9	79.3	79.8	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 4500	47.5	58.6	68.9	77.4	79.9	80.4	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 4000	47.9	59.1	69.8	78.4	81.0	81.4	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 3500	48.5	59.8	70.8	79.5	82.1	82.6	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3000	51.2	63.5	75.0	83.8	86.5	86.9	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2500	51.6	64.1	75.6	84.4	87.2	87.6	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 2000	51.9	64.4	76.2	85.4	88.2	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1800	52.1	64.6	76.3	85.6	88.4	88.8	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1500	52.5	65.6	78.0	87.2	90.3	90.8	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1200	53.9	67.3	80.4	89.7	93.5	93.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1000	53.9	67.3	80.7	90.3	94.6	95.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 900	54.2	67.6	81.1	91.1	95.5	96.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	54.6	68.2	81.7	91.7	96.3	97.0	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	54.8	68.3	81.8	91.8	96.4	97.6	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	54.8	68.3	81.8	91.8	96.4	97.6	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	54.8	68.3	81.8	91.8	96.4	97.6	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	54.8	68.3	81.8	91.8	96.4	97.9	99.4	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	54.8	68.3	81.8	91.8	96.4	97.9	99.4	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	54.8	68.3	81.8	91.8	96.4	97.9	99.4	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	54.8	68.3	81.8	91.8	96.4	97.9	99.4	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	54.8	68.3	81.8	91.8	96.4	97.9	99.4	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 672

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	31.1	42.1	48.6	52.9	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 20000	37.3	49.8	57.6	63.1	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 18000	37.3	49.8	57.6	63.1	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 16000	37.8	50.2	58.1	63.6	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 14000	37.8	50.5	58.5	64.0	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 12000	39.4	52.3	60.4	66.1	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 10000	42.5	56.4	65.9	71.7	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 9000	43.1	57.2	66.7	72.4	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 8000	46.7	61.8	71.9	77.8	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 7000	47.1	62.4	72.4	78.4	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 6000	47.1	62.4	72.4	78.4	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 5000	48.4	63.9	75.0	80.9	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 4500	48.9	64.4	75.6	81.5	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4000	49.5	65.2	76.6	82.7	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 3500	49.9	66.5	78.1	84.1	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 3000	52.1	69.3	81.5	87.7	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2500	52.6	69.9	82.4	89.0	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 2000	53.2	70.5	83.0	90.1	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1800	53.2	70.5	83.4	90.5	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	53.6	71.6	84.7	91.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	54.2	72.4	85.9	93.5	97.8	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	54.2	72.4	85.9	93.5	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	54.2	72.4	86.2	93.8	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	54.2	72.4	86.2	93.9	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	54.2	72.4	86.2	93.9	98.7	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	54.2	72.4	86.4	94.1	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	54.2	72.4	86.4	94.1	98.8	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	54.2	72.4	86.4	94.1	98.8	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	54.2	72.4	86.4	94.1	98.8	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	54.2	72.4	86.4	94.1	98.8	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	54.2	72.4	86.4	94.1	98.8	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	54.2	72.4	86.4	94.1	98.8	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 675

OPERATING LOCATION "A"
USAFETAC, ASHERVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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 CRIL	28.3	39.8	48.8	51.6	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	35.5	49.0	59.5	62.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 18000	35.5	49.0	59.5	62.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 16000	35.5	49.0	59.5	62.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 14000	35.5	49.0	59.6	62.9	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 12000	36.6	50.3	61.6	64.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 10000	39.9	54.2	66.0	69.4	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 9000	40.4	54.6	66.5	69.9	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 8000	45.5	61.9	74.5	78.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 7000	46.0	62.6	75.5	79.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 6000	46.3	62.9	75.8	79.5	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 5000	47.5	64.4	77.3	81.0	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4500	47.8	65.0	77.9	81.8	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 4000	48.5	66.2	79.5	83.4	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 3500	49.6	67.8	81.5	85.6	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3000	50.9	69.1	83.5	88.1	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2500	51.3	70.2	84.6	89.3	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2000	52.2	71.4	86.4	91.1	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	52.2	71.4	86.4	91.1	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	52.2	71.5	86.5	91.4	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	52.2	71.8	86.9	91.8	97.9	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	52.2	71.8	86.9	91.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	52.2	71.8	86.9	91.8	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	52.2	72.0	87.2	92.1	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	52.2	72.0	87.4	92.3	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	52.2	72.0	87.4	92.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	52.2	72.0	87.4	92.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	52.2	72.0	87.4	92.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	52.2	72.0	87.4	92.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	52.2	72.0	87.4	92.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	52.2	72.0	87.4	92.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	52.2	72.0	87.4	92.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	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: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	34.1	45.7	51.6	55.2	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 20000	40.2	54.6	62.5	66.2	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 18000	40.2	54.6	62.5	66.2	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 16000	40.2	54.6	62.5	66.2	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 14000	40.5	54.9	62.8	67.1	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 12000	41.3	55.8	63.7	68.0	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 10000	43.8	58.9	68.0	72.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 9000	43.8	58.9	68.0	72.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 8000	47.1	64.7	74.6	80.1	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 7000	47.4	65.3	75.6	81.3	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 6000	47.4	65.5	75.8	81.5	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 5000	49.0	67.1	77.6	83.3	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 4500	49.2	67.6	78.0	83.7	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4000	50.8	69.8	80.7	86.5	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3500	51.3	70.4	81.6	87.6	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3000	52.8	72.0	83.7	89.7	93.7	94.2	94.2	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2500	53.1	72.3	84.2	90.1	94.3	94.8	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2000	54.0	73.5	85.4	91.3	95.5	96.0	96.0	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	54.0	73.5	85.5	91.5	95.7	96.1	96.1	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1500	54.0	74.1	86.4	92.4	96.6	97.0	97.0	97.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	54.0	74.3	86.5	92.5	96.7	97.2	97.2	97.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1000	54.0	74.4	86.7	92.7	96.9	97.3	97.3	97.6	97.6	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 900	54.0	74.4	86.7	92.8	97.3	97.8	97.8	98.1	98.1	98.5	98.5	98.5	98.7	98.7	98.7	98.7
GE 800	54.0	74.4	86.8	93.0	97.8	98.2	98.2	98.5	98.5	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 700	54.0	74.4	86.8	93.1	98.2	98.7	98.7	99.1	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 600	54.0	74.4	86.8	93.1	98.4	98.8	98.8	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9
GE 500	54.1	74.6	87.0	93.3	98.5	99.0	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	54.1	74.6	87.0	93.3	98.5	99.0	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	54.1	74.6	87.0	93.3	98.5	99.0	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	54.1	74.6	87.0	93.3	98.5	99.0	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	54.1	74.6	87.0	93.3	98.5	99.0	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	54.1	74.6	87.0	93.3	98.5	99.0	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 669

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	43.0	50.7	56.1	60.1	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 20000	47.5	58.3	64.8	69.7	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 18000	47.5	58.3	64.8	69.7	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 16000	47.5	58.3	64.8	69.7	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 14000	47.5	58.3	64.8	69.7	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 12000	47.5	58.7	65.2	70.2	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 10000	49.3	61.7	68.2	73.5	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 9000	49.6	61.9	68.4	73.8	77.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 8000	53.8	67.3	74.9	80.5	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 7000	53.8	67.7	75.3	80.9	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 6000	54.0	67.9	75.6	81.2	84.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 5000	55.8	70.2	77.8	83.6	87.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 4500	55.8	70.2	78.0	84.1	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 4000	56.7	71.7	80.5	86.8	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 3500	57.0	72.0	80.9	87.2	91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 3000	58.1	73.8	83.0	89.5	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2500	58.7	74.4	83.9	90.4	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2000	59.2	74.9	84.5	91.0	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	59.2	74.9	84.5	91.0	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1500	59.4	75.6	85.7	92.2	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 1200	59.4	75.8	85.9	92.4	97.5	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	59.4	76.0	86.1	92.8	98.2	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	59.4	76.0	86.1	92.8	98.2	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	59.4	76.0	86.1	92.8	98.4	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	59.4	76.0	86.1	93.0	98.9	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	59.4	76.0	86.1	93.3	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	59.4	76.0	86.1	93.3	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	59.4	76.0	86.1	93.3	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	59.4	76.0	86.1	93.3	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	59.4	76.0	86.1	93.3	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	59.4	76.0	86.1	93.3	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	59.4	76.0	86.1	93.3	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 446

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.9	41.5	48.2	53.1	56.2	56.5	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0
GE 20000	37.2	48.5	56.5	62.0	65.3	65.7	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2
GE 18000	37.2	48.5	56.5	62.0	65.3	65.7	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2
GE 16000	37.2	48.6	56.6	62.1	65.4	65.8	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3
GE 14000	37.4	48.8	56.9	62.6	65.8	66.2	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8
GE 12000	38.2	49.8	58.0	63.7	67.0	67.3	67.7	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9
GE 10000	40.8	53.0	62.0	68.0	71.5	71.9	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 9000	41.2	53.4	62.4	68.4	72.0	72.4	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0
GE 8000	45.6	59.4	69.2	75.6	79.3	79.6	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3
GE 7000	45.9	60.0	70.0	76.4	80.2	80.6	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 6000	46.1	60.2	70.2	76.6	80.5	80.8	81.3	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5
GE 5000	47.4	61.8	72.4	78.9	82.8	83.1	83.6	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8
GE 4500	47.5	62.1	72.9	79.4	83.3	83.7	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3
GE 4000	48.3	63.2	74.4	81.0	84.9	85.3	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
GE 3500	48.9	64.1	75.5	82.3	86.3	86.7	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
GE 3000	50.3	66.1	78.1	85.1	89.9	90.3	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1
GE 2500	50.9	66.7	78.8	86.0	90.9	91.3	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1
GE 2000	51.5	67.4	79.8	87.1	92.2	92.6	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.5
GE 1800	51.6	67.4	79.9	87.3	92.4	92.9	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.7	93.7
GE 1500	51.9	68.3	81.0	88.5	93.7	94.1	94.7	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0
GE 1200	52.3	68.9	81.9	89.4	95.0	95.4	96.1	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5
GE 1000	52.3	69.0	82.1	89.7	95.5	96.0	96.8	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2
GE 900	52.5	69.2	82.3	90.1	96.0	96.5	97.4	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	52.6	69.4	82.6	90.4	96.5	97.0	98.0	98.2	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5
GE 700	52.7	69.5	82.8	90.6	96.9	97.5	98.5	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1
GE 600	52.7	69.6	82.9	90.8	97.2	97.8	98.8	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE 500	52.8	69.7	83.0	90.9	97.3	98.0	99.1	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7
GE 400	52.8	69.7	83.0	90.9	97.3	98.0	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9
GE 300	52.8	69.7	83.0	90.9	97.3	98.0	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9
GE 200	52.8	69.7	83.0	90.9	97.3	98.0	99.2	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	52.8	69.7	83.0	90.9	97.3	98.0	99.2	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 000	52.8	69.7	83.0	90.9	97.3	98.0	99.2	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3806

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	31.7	39.3	46.7	50.5	52.1	52.8	53.5	55.0	55.0	55.6	55.8	55.8	55.8	55.8	55.8	56.9
GE 20000	35.0	44.6	52.8	57.3	59.4	60.1	60.9	62.5	62.5	63.2	63.4	63.4	63.4	63.4	63.4	64.5
GE 18000	35.0	44.6	52.8	57.3	59.4	60.1	60.9	62.5	62.5	63.2	63.4	63.4	63.4	63.4	63.4	64.5
GE 16000	35.0	44.6	52.8	57.3	59.4	60.1	60.9	62.5	62.5	63.2	63.4	63.4	63.4	63.4	63.4	64.5
GE 14000	35.0	44.6	52.8	57.3	59.4	60.1	60.9	62.5	62.5	63.2	63.4	63.4	63.4	63.4	63.4	64.5
GE 12000	35.1	44.7	53.1	57.6	59.7	60.4	61.2	62.9	62.9	63.5	63.7	63.7	63.7	63.7	63.7	64.9
GE 10000	36.3	47.4	56.3	60.7	62.9	63.5	64.5	66.2	66.2	66.8	67.0	67.0	67.0	67.0	67.0	68.2
GE 9000	36.3	47.4	56.3	60.7	62.9	63.5	64.5	66.2	66.2	66.8	67.0	67.0	67.0	67.0	67.0	68.2
GE 8000	41.6	53.5	62.9	67.3	69.5	70.6	71.6	73.3	73.3	73.9	74.1	74.1	74.1	74.1	74.1	75.2
GE 7000	42.6	54.6	64.0	68.5	70.6	71.8	72.8	74.4	74.4	75.2	75.4	75.4	75.4	75.4	75.4	76.6
GE 6000	43.1	55.3	65.0	69.5	71.8	72.9	74.1	75.7	75.7	76.6	76.7	76.7	76.7	76.7	76.7	77.9
GE 5000	43.6	56.1	65.8	70.3	72.6	73.8	74.9	76.6	76.6	77.4	77.6	77.6	77.6	77.6	77.6	78.7
GE 4500	44.2	56.9	66.7	71.1	73.4	74.6	75.7	77.4	77.4	78.2	78.4	78.4	78.4	78.4	78.4	79.5
GE 4000	46.0	58.9	69.3	73.8	76.1	77.2	78.4	80.0	80.0	80.9	81.0	81.0	81.0	81.0	81.0	82.2
GE 3500	46.9	60.4	71.3	75.9	78.2	79.4	80.7	82.3	82.3	83.2	83.3	83.3	83.3	83.3	83.3	84.5
GE 3000	47.5	61.4	72.8	77.9	80.5	81.7	83.0	84.7	84.7	85.5	85.6	85.6	85.6	85.6	85.6	86.8
GE 2500	47.7	61.6	72.9	78.1	81.0	82.2	83.5	85.1	85.1	86.0	86.1	86.1	86.1	86.1	86.1	87.3
GE 2000	48.0	62.2	73.9	79.2	82.2	83.3	84.7	86.5	86.5	87.3	87.5	87.5	87.5	87.5	87.5	88.6
GE 1800	48.0	62.4	74.1	79.4	82.3	83.5	84.8	86.6	86.6	87.5	87.6	87.6	87.6	87.6	87.6	88.8
GE 1500	48.8	63.7	75.6	80.9	84.0	85.1	86.5	88.3	88.3	89.1	89.3	89.3	89.3	89.3	89.3	90.4
GE 1200	49.3	64.4	76.6	82.0	85.3	87.1	88.4	90.4	90.4	91.3	91.4	91.4	91.4	91.4	91.4	92.6
GE 1000	49.3	64.4	76.6	82.2	85.5	87.5	89.3	91.3	91.3	92.1	92.2	92.2	92.2	92.2	92.2	93.4
GE 900	49.5	64.5	76.7	82.8	86.3	88.3	90.3	92.2	92.2	93.1	93.2	93.2	93.4	93.4	93.4	94.6
GE 800	50.0	65.0	77.2	83.8	87.8	89.9	92.1	94.2	94.2	95.0	95.2	95.2	95.4	95.4	95.4	96.5
GE 700	50.0	65.0	77.2	84.5	88.9	91.1	93.2	95.4	95.4	96.2	96.4	96.4	96.5	96.5	96.5	97.7
GE 600	50.0	65.2	77.4	84.7	89.1	91.4	93.6	95.7	95.7	96.5	96.7	96.7	96.9	96.9	97.0	98.2
GE 500	50.5	65.7	78.1	85.6	90.1	92.4	94.6	96.7	96.7	97.5	97.7	97.7	97.9	97.9	98.0	99.2
GE 400	50.5	65.7	78.1	85.8	90.3	92.6	94.9	97.4	97.4	98.2	98.3	98.3	98.5	98.5	98.7	99.8
GE 300	50.5	65.7	78.1	85.8	90.3	92.6	94.9	97.4	97.4	98.2	98.3	98.3	98.5	98.5	98.7	99.8
GE 200	50.5	65.7	78.1	85.8	90.3	92.6	94.9	97.4	97.4	98.2	98.3	98.3	98.5	98.5	98.7	99.8
GE 100	50.5	65.7	78.1	85.8	90.3	92.6	94.9	97.4	97.4	98.2	98.3	98.3	98.5	98.5	98.7	99.8
GE 000	50.5	65.7	78.1	85.8	90.3	92.6	94.9	97.4	97.4	98.2	98.3	98.3	98.5	98.5	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 606

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/PELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	39.3	49.7	54.6	56.1	57.6	57.8	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 20000	44.1	54.8	60.4	62.0	63.9	64.0	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.7
GE 18000	44.1	54.8	60.4	62.0	63.9	64.0	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.7
GE 16000	44.1	54.8	60.4	62.0	63.9	64.0	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.7
GE 14000	44.1	54.8	60.4	62.0	63.9	64.0	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.7
GE 12000	44.4	55.1	60.7	62.4	64.2	64.4	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.0
GE 10000	46.5	58.7	65.0	66.7	68.5	68.6	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.3
GE 9000	46.5	58.7	65.0	66.7	68.5	68.6	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.3
GE 8000	49.8	62.9	69.6	71.6	73.4	73.8	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.4
GE 7000	50.8	63.9	70.6	72.6	74.4	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.4
GE 6000	51.7	64.9	71.6	73.6	75.6	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.6
GE 5000	52.6	66.2	73.1	75.2	77.7	78.1	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.0
GE 4500	53.3	66.8	73.8	75.9	78.4	78.7	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.7
GE 4000	54.6	68.8	75.7	78.2	81.0	81.5	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.5
GE 3500	55.9	70.1	77.1	79.7	82.5	83.0	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	84.0
GE 3000	58.1	73.3	80.7	83.7	86.6	87.5	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.4
GE 2500	58.4	73.6	81.0	84.0	87.3	88.3	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.3
GE 2000	59.7	75.1	82.5	85.8	89.3	90.3	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.4
GE 1800	59.9	75.2	82.7	86.0	89.6	90.6	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.7
GE 1500	60.9	76.6	84.5	88.1	91.9	93.1	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.2
GE 1200	61.4	77.1	85.5	89.3	93.4	94.7	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.9
GE 1000	61.9	77.6	86.1	90.1	94.6	96.0	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.4
GE 900	62.0	77.7	86.3	90.4	95.4	96.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.3
GE 800	62.0	77.7	86.5	90.6	95.5	97.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.5
GE 700	62.0	77.7	86.5	90.6	95.7	97.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0
GE 600	62.0	77.7	86.5	90.6	96.5	98.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 500	62.0	77.7	86.5	90.6	96.5	98.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 400	62.0	77.7	86.5	90.6	96.5	98.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 300	62.0	77.7	86.5	90.6	96.5	98.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 200	62.0	77.7	86.5	90.6	96.5	98.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 100	62.0	77.7	86.5	90.6	96.5	98.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 000	62.0	77.7	86.5	90.6	96.5	98.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 606

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.3	48.2	54.6	55.9	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	46.9	55.3	62.7	64.0	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 18000	46.9	55.3	62.7	64.0	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 16000	46.9	55.3	62.7	64.0	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 14000	47.2	55.6	63.0	64.4	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 12000	47.2	55.6	63.0	64.4	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 10000	49.3	58.6	66.3	67.7	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	49.3	58.6	66.3	67.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 8000	53.6	63.7	71.8	73.1	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 7000	54.5	64.5	72.6	73.9	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 6000	55.3	65.7	73.8	75.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 5000	57.3	67.8	75.9	77.4	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 4500	57.4	68.2	76.2	77.7	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4000	58.4	69.5	77.7	79.7	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3500	59.6	71.0	79.5	81.7	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 3000	62.7	74.9	83.7	85.8	88.9	88.9	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2500	63.4	76.1	85.1	87.5	90.8	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2000	65.0	78.7	87.8	90.3	93.7	93.7	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800	65.3	79.0	88.3	90.8	94.2	94.2	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1500	65.7	80.2	89.4	91.9	95.5	95.5	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	66.3	81.0	90.8	93.2	97.5	97.5	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	66.3	81.4	91.3	93.7	98.0	98.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	66.3	81.5	91.4	94.1	98.3	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	66.3	81.5	91.4	94.1	98.3	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	66.3	81.5	91.4	94.1	98.3	98.7	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	66.3	81.5	91.6	94.4	98.7	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	66.3	81.5	91.6	94.4	98.7	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	66.3	81.5	91.6	94.4	98.7	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	66.3	81.5	91.6	94.4	98.7	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.3	81.5	91.6	94.4	98.7	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.3	81.5	91.6	94.4	98.7	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	66.3	81.5	91.6	94.4	98.7	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 606

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	40.1	48.7	55.8	57.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 20000	47.0	57.8	65.3	67.0	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 18000	47.0	57.8	65.3	67.0	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 16000	47.0	57.8	65.3	67.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 14000	47.0	57.8	65.3	67.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 12000	47.5	58.6	66.2	67.8	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 10000	49.7	60.9	68.5	70.1	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 9000	49.8	61.2	68.8	70.5	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 8000	53.8	65.8	73.9	76.1	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 7000	54.8	66.8	74.9	77.2	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 6000	55.0	67.0	75.1	77.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 5000	55.8	68.0	76.1	78.5	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 4500	56.3	69.1	77.2	79.7	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 4000	57.1	70.6	78.9	81.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 3500	59.1	72.9	81.5	84.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 3000	61.6	75.6	84.8	88.3	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2500	62.2	77.4	87.0	90.8	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2000	62.7	78.1	88.1	92.6	95.7	95.7	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	62.7	78.1	88.1	92.6	95.7	95.7	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1500	62.9	78.4	88.4	93.1	96.4	96.4	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200	63.5	79.0	89.1	93.9	97.4	97.4	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	63.5	79.0	89.4	94.2	97.9	97.9	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	63.5	79.0	89.4	94.2	97.9	98.0	99.0	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	63.5	79.0	89.4	94.2	97.9	98.0	99.0	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	63.5	79.0	89.4	94.2	97.9	98.0	99.0	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	63.5	79.0	89.4	94.2	97.9	98.0	99.0	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	63.5	79.0	89.4	94.2	97.9	98.0	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	63.5	79.0	89.4	94.2	97.9	98.0	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	63.5	79.0	89.4	94.2	97.9	98.0	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	63.5	79.0	89.4	94.2	97.9	98.0	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	63.5	79.0	89.4	94.2	97.9	98.0	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	63.5	79.0	89.4	94.2	97.9	98.0	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 606

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	45.4	53.8	60.1	61.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 20000	50.7	60.1	66.9	69.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 18000	50.7	60.1	66.9	69.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 16000	50.7	60.1	66.9	69.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 14000	50.7	60.1	66.9	69.0	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 12000	51.7	61.9	68.7	70.9	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 10000	52.5	62.9	69.9	72.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 9000	52.8	63.2	70.2	72.4	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 8000	56.8	69.0	76.8	79.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 7000	57.6	70.4	78.3	80.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 6000	57.6	70.7	78.6	81.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 5000	57.6	71.4	79.5	82.0	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 4500	58.1	71.9	80.1	82.6	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 4000	58.6	73.2	82.9	85.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 3500	59.8	74.3	84.3	87.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 3000	60.4	75.2	85.3	88.2	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2500	60.8	75.5	85.6	88.6	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2000	61.3	76.3	86.8	89.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1800	61.3	76.3	86.8	89.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1500	61.6	76.8	87.6	90.9	95.0	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1200	62.1	77.5	88.4	92.5	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	62.6	78.1	89.6	93.7	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	62.6	78.1	89.6	94.0	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	62.6	78.1	89.6	94.0	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	62.6	78.1	89.6	94.0	98.2	98.2	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	62.6	78.1	89.7	94.2	98.5	98.7	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	62.6	78.1	89.7	94.2	98.5	98.7	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	62.6	78.1	89.7	94.2	98.5	98.7	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	62.6	78.1	89.7	94.2	98.5	98.7	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	62.6	78.1	89.7	94.2	98.5	98.7	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	62.6	78.1	89.7	94.2	98.5	98.7	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	62.6	78.1	89.7	94.2	98.5	98.7	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 604

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	50.0	61.2	65.7	66.2	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 20000	54.5	65.9	71.1	71.6	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	54.5	65.9	71.1	71.6	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	54.5	65.9	71.1	71.6	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	54.5	65.9	71.1	71.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 12000	55.0	66.9	72.1	72.6	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 10000	55.2	67.2	73.4	73.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 9000	56.0	67.9	74.4	74.9	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	60.7	73.9	80.8	81.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 7000	61.7	74.9	82.1	82.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 6000	61.7	74.9	82.1	82.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 5000	62.2	75.9	83.1	84.3	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 4500	62.7	76.4	83.6	84.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 4000	62.7	76.6	84.1	85.3	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 3500	62.9	77.1	84.6	86.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3000	63.2	77.4	84.8	86.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 2500	63.4	78.1	85.6	87.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2000	63.9	78.9	86.3	88.1	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1800	63.9	78.9	86.3	88.1	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1500	64.4	79.6	87.3	89.6	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1200	65.2	80.6	88.8	91.5	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1000	65.4	81.1	89.6	92.3	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 900	65.4	81.1	89.6	92.3	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 800	65.4	81.1	89.6	92.3	96.8	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	65.4	81.1	89.6	92.8	97.3	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	65.7	81.3	90.3	93.5	98.5	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	65.7	81.3	90.3	93.5	98.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	65.7	81.3	90.3	93.5	98.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	65.7	81.3	90.3	93.5	98.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	65.7	81.3	90.3	93.5	98.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	65.7	81.3	90.3	93.5	98.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	65.7	81.3	90.3	93.5	98.5	98.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 402

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	40.8	49.5	55.7	57.5	59.4	59.5	59.7	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.3
GE 20000	45.9	55.8	62.7	64.8	66.9	67.0	67.2	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.9
GE 18000	45.9	55.8	62.7	64.8	66.9	67.0	67.2	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.9
GE 16000	45.9	55.8	62.7	64.8	66.9	67.0	67.2	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.9
GE 14000	45.9	55.9	62.8	64.8	66.9	67.1	67.2	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	68.0
GE 12000	46.3	56.6	63.5	65.5	67.6	67.8	67.9	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.7
GE 10000	47.8	58.8	66.2	68.2	70.3	70.4	70.6	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.3
GE 9000	48.0	59.0	66.4	68.4	70.5	70.6	70.8	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.6
GE 8000	52.2	64.3	72.2	74.4	76.7	76.9	77.1	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.9
GE 7000	53.2	65.3	73.3	75.5	77.8	78.1	78.3	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	79.0
GE 6000	53.6	65.9	73.9	76.2	78.5	78.8	79.0	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.8
GE 5000	54.4	67.1	75.1	77.6	80.1	80.3	80.6	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.4
GE 4500	54.9	67.7	75.8	78.3	80.8	81.0	81.3	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	82.1
GE 4000	55.9	69.2	77.8	80.4	83.1	83.4	83.7	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.5
GE 3500	57.0	70.6	79.4	82.3	85.0	85.3	85.7	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.5
GE 3000	58.7	72.7	81.8	85.0	88.0	88.4	88.8	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.6
GE 2500	59.1	73.4	82.7	85.9	89.2	89.6	90.0	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.8
GE 2000	59.9	74.6	84.1	87.6	91.0	91.4	92.0	92.4	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.8
GE 1800	60.0	74.8	84.3	87.7	91.2	91.6	92.2	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	93.0
GE 1500	60.5	75.7	85.4	89.0	92.7	93.1	93.7	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.5
GE 1200	61.1	76.4	86.4	90.3	94.2	94.8	95.5	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.3
GE 1000	61.3	76.7	86.9	91.0	94.9	95.5	96.4	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.3
GE 900	61.3	76.8	87.0	91.3	95.3	96.0	96.9	97.3	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.8
GE 800	61.4	76.9	87.1	91.5	95.7	96.4	97.3	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.3
GE 700	61.4	76.9	87.1	91.6	96.0	96.8	97.8	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.9
GE 600	61.5	76.9	87.3	91.8	96.4	97.3	98.3	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.5
GE 500	61.5	77.0	87.4	92.0	96.6	97.5	98.5	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.8
GE 400	61.5	77.0	87.4	92.0	96.6	97.5	98.6	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	100.0
GE 300	61.5	77.0	87.4	92.0	96.6	97.5	98.6	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	100.0
GE 200	61.5	77.0	87.4	92.0	96.6	97.5	98.6	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	100.0
GE 100	61.5	77.0	87.4	92.0	96.6	97.5	98.6	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	100.0
GE 000	61.5	77.0	87.4	92.0	96.6	97.5	98.6	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3430

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.7	48.2	51.5	52.7	53.7	53.8	54.8	55.9	55.9	55.9	55.9	55.9	56.3	56.5	57.0	57.7
GE 20000	43.8	51.3	54.8	56.3	57.3	57.4	58.4	59.6	59.6	59.8	59.8	59.8	60.3	60.4	61.0	61.8
GE 18000	43.8	51.3	54.8	56.3	57.3	57.4	58.4	59.6	59.6	59.8	59.8	59.8	60.3	60.4	61.0	61.8
GE 16000	43.8	51.3	54.8	56.3	57.3	57.4	58.4	59.6	59.6	59.8	59.8	59.8	60.3	60.4	61.0	61.8
GE 14000	44.3	51.8	55.2	56.8	57.7	57.9	58.8	60.1	60.1	60.3	60.3	60.3	60.7	60.9	61.5	62.3
GE 12000	44.9	52.6	56.2	57.7	58.7	58.8	59.8	61.0	61.0	61.2	61.2	61.2	61.7	61.8	62.4	63.2
GE 10000	47.1	55.1	59.0	60.6	61.5	61.7	62.6	63.8	63.8	64.0	64.0	64.0	64.5	64.6	65.3	66.0
GE 9000	47.1	55.2	59.2	60.7	61.7	61.8	62.8	64.0	64.0	64.2	64.2	64.2	64.6	64.8	65.4	66.2
GE 8000	49.9	58.4	62.8	64.5	65.4	65.6	66.5	67.8	67.8	67.9	67.9	67.9	68.4	68.5	69.3	70.1
GE 7000	50.5	59.2	63.5	65.3	66.2	66.4	67.3	68.5	68.5	68.7	68.7	68.7	69.2	69.3	70.1	70.9
GE 6000	50.7	59.5	63.8	65.6	66.5	66.7	67.6	68.9	68.9	69.0	69.0	69.0	69.5	69.6	70.4	71.2
GE 5000	52.1	61.7	66.7	68.4	69.3	69.5	70.4	71.7	71.7	71.8	71.8	71.8	72.3	72.5	73.2	74.0
GE 4500	52.9	62.6	67.6	69.3	70.3	70.4	71.4	72.6	72.6	72.8	72.8	72.8	73.2	73.4	74.2	75.0
GE 4000	53.8	64.3	69.5	71.4	72.3	72.5	73.6	74.8	74.8	75.0	75.0	75.0	75.4	75.6	76.4	77.2
GE 3500	54.6	65.3	70.7	72.6	73.6	73.7	74.8	76.1	76.1	76.2	76.2	76.2	76.7	76.8	77.6	78.4
GE 3000	55.6	66.4	71.8	74.2	75.3	75.4	76.5	77.8	77.8	77.9	77.9	77.9	78.4	78.6	79.3	80.1
GE 2500	55.7	67.0	72.5	74.8	75.9	76.1	77.2	78.4	78.4	78.6	78.6	78.6	79.0	79.2	80.0	80.8
GE 2000	57.4	69.2	75.1	77.5	78.9	79.0	80.1	81.4	81.4	81.5	81.5	81.5	82.0	82.2	82.9	83.7
GE 1800	57.4	69.2	75.1	77.5	78.9	79.0	80.3	81.5	81.5	81.7	81.7	81.7	82.2	82.3	83.1	83.9
GE 1500	58.4	70.6	76.8	79.2	80.9	81.1	82.3	83.6	83.6	83.7	83.7	83.7	84.2	84.4	85.1	85.9
GE 1200	59.6	72.1	78.7	81.1	82.8	82.9	84.2	85.4	85.4	85.6	85.6	85.6	86.1	86.2	87.0	87.8
GE 1000	59.8	72.6	79.3	81.8	83.7	83.9	85.3	86.5	86.5	86.7	86.7	86.7	87.2	87.3	88.1	88.9
GE 900	59.9	73.2	80.0	82.5	84.5	84.7	86.1	87.3	87.3	87.5	87.5	87.5	87.9	88.1	88.9	89.7
GE 800	59.9	73.6	80.4	82.9	85.1	85.8	87.3	88.6	88.6	88.9	88.9	88.9	89.4	89.5	90.3	91.1
GE 700	59.9	73.9	80.9	83.7	86.1	86.7	88.4	89.8	89.8	90.1	90.1	90.1	90.6	90.8	91.5	92.3
GE 600	59.9	74.0	81.4	84.2	86.7	87.5	89.4	90.8	90.8	91.1	91.2	91.2	91.7	91.9	92.6	93.4
GE 500	59.9	74.3	81.8	84.7	87.6	88.6	90.5	91.9	91.9	92.2	92.3	92.3	93.0	93.1	93.9	94.7
GE 400	59.9	74.3	82.0	84.8	88.3	89.5	91.7	93.4	93.4	93.7	94.2	94.2	95.0	95.1	95.9	96.7
GE 300	59.9	74.3	82.0	84.8	88.4	89.7	92.0	93.9	93.9	94.2	95.0	95.0	95.9	96.1	96.9	97.7
GE 200	59.9	74.3	82.0	84.8	88.4	89.8	92.3	94.2	94.2	94.5	95.3	95.5	96.6	96.7	97.8	98.7
GE 100	59.9	74.3	82.0	84.8	88.4	89.8	92.3	94.2	94.2	94.5	95.3	95.5	96.9	97.2	98.6	99.8
GE 000	59.9	74.3	82.0	84.8	88.4	89.8	92.3	94.2	94.2	94.5	95.3	95.5	96.9	97.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	48.8	54.6	56.5	57.1	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 20000	55.4	61.5	63.4	64.9	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 18000	55.4	61.5	63.4	64.9	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000	55.4	61.5	63.4	64.9	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000	55.4	61.5	63.4	64.9	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 12000	56.2	62.4	64.5	66.0	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 10000	57.6	64.3	66.4	68.1	68.5	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 9000	57.6	64.3	66.4	68.1	68.5	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 8000	60.3	67.6	69.8	71.5	72.0	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 7000	60.7	68.2	70.4	72.1	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 6000	60.9	68.4	70.6	72.3	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 5000	62.6	70.1	72.6	74.3	74.8	75.0	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3
GE 4500	62.9	70.6	73.1	74.8	75.3	75.4	75.7	75.7	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9
GE 4000	64.9	73.1	75.6	77.3	77.9	78.2	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
GE 3500	66.0	74.3	77.0	78.9	79.7	80.0	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
GE 3000	67.3	76.1	78.9	80.8	81.7	82.0	82.3	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5
GE 2500	69.0	78.1	80.9	82.8	83.7	84.0	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
GE 2000	70.4	79.7	82.6	84.5	85.4	85.8	86.1	86.1	86.1	86.2	86.4	86.4	86.4	86.4	86.4	86.4
GE 1800	70.7	80.1	83.1	85.0	85.9	86.2	86.5	86.5	86.5	86.7	86.9	86.9	86.9	86.9	86.9	86.9
GE 1500	71.4	82.5	85.8	87.6	88.6	88.9	89.2	89.2	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5
GE 1200	72.0	83.4	86.9	88.9	90.0	90.3	90.6	90.6	90.6	90.8	90.9	90.9	91.1	91.1	91.1	91.1
GE 1000	72.1	84.2	87.6	90.3	91.5	91.9	92.2	92.2	92.2	92.3	92.5	92.5	92.6	92.6	92.6	92.6
GE 900	72.1	84.5	88.1	90.9	92.3	92.6	93.0	93.0	93.0	93.1	93.3	93.3	93.4	93.4	93.4	93.4
GE 800	72.1	84.7	88.6	92.2	93.6	93.9	94.2	94.2	94.2	94.4	94.7	94.7	94.8	94.8	94.8	94.8
GE 700	72.1	84.7	88.7	92.5	94.1	94.4	94.7	94.7	94.7	94.8	95.1	95.1	95.3	95.3	95.3	95.3
GE 600	72.1	84.7	89.4	93.1	95.3	95.6	95.9	95.9	95.9	96.1	96.4	96.4	96.6	96.6	96.6	96.6
GE 500	72.1	84.7	89.7	94.1	96.4	96.9	97.3	97.3	97.3	97.5	97.8	97.8	98.0	98.0	98.0	98.0
GE 400	72.1	84.8	89.8	94.2	96.6	97.0	97.8	98.3	98.3	98.9	99.2	99.2	99.4	99.4	99.4	99.4
GE 300	72.1	84.8	89.8	94.2	96.6	97.2	98.0	98.4	98.4	99.1	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	72.1	84.8	89.8	94.2	96.6	97.2	98.0	98.4	98.4	99.1	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	72.1	84.8	89.8	94.2	96.6	97.2	98.0	98.4	98.4	99.1	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	72.1	84.8	89.8	94.2	96.6	97.2	98.0	98.4	98.4	99.1	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	50.7	56.8	58.5	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 20000	58.8	65.6	67.3	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 18000	58.8	65.6	67.3	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 16000	58.8	65.6	67.3	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 14000	58.8	65.6	67.3	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 12000	59.9	66.7	68.4	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	61.0	68.2	70.0	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 9000	61.2	68.4	70.1	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 8000	66.0	73.2	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 7000	66.0	73.2	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 6000	66.0	73.2	75.1	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 5000	67.4	74.8	76.8	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 4500	68.1	75.4	77.5	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 4000	70.0	77.3	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	80.8
GE 3500	72.0	79.3	82.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 3000	74.3	81.7	84.8	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2500	75.4	82.8	85.9	87.0	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 2000	76.2	84.2	87.5	88.7	89.2	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1800	76.2	84.4	87.6	88.9	89.4	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1500	76.7	85.1	88.4	89.7	90.1	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1200	77.8	86.9	91.2	92.8	93.6	93.7	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1000	77.8	87.2	91.5	93.1	94.1	94.2	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 900	77.9	87.5	91.9	93.4	94.4	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 800	78.1	87.6	92.0	93.9	95.3	95.6	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 700	78.1	87.6	92.2	94.2	95.9	96.6	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	78.1	87.6	92.2	94.4	96.2	97.2	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	78.4	87.9	92.8	95.1	97.2	98.1	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	78.6	88.1	93.0	95.3	97.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	78.6	88.1	93.0	95.3	97.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	78.6	88.1	93.0	95.3	97.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.6	88.1	93.0	95.3	97.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	78.6	88.1	93.0	95.3	97.3	98.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 639

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	55.1	60.4	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
GE 20000	60.1	66.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 18000	60.1	66.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 16000	60.1	66.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 14000	60.1	66.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 12000	61.9	68.1	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 10000	63.3	69.9	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	63.3	69.9	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 8000	69.7	77.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 7000	70.2	77.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 6000	70.5	78.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 5000	71.0	78.8	80.8	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4500	72.4	80.2	82.3	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 4000	73.5	81.3	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 3500	74.4	82.3	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3000	76.0	84.3	86.3	86.7	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 2500	76.5	85.2	87.3	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2000	78.0	86.8	89.0	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1800	78.0	86.8	89.0	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1500	78.0	86.8	89.0	89.8	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1200	78.3	87.8	90.3	91.2	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1000	78.3	88.2	90.9	92.5	93.9	93.9	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 900	78.3	88.4	91.1	93.1	95.4	95.6	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 800	78.3	88.4	91.1	93.4	95.9	96.2	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	78.5	88.5	91.2	93.7	96.7	97.0	97.6	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	78.5	88.5	91.2	93.7	96.7	97.2	97.8	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	78.8	88.9	91.5	94.2	97.8	98.3	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	78.8	89.0	91.7	94.3	98.0	98.4	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	78.8	89.0	91.7	94.3	98.0	98.4	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	78.8	89.0	91.7	94.3	98.0	98.4	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.8	89.0	91.7	94.3	98.0	98.4	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	78.8	89.0	91.7	94.3	98.0	98.4	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 637

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.6	61.4	63.9	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 20000	59.5	67.0	69.9	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 18000	59.5	67.0	69.9	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 16000	59.5	67.0	69.9	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 14000	59.5	67.2	70.0	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 12000	60.6	68.3	71.1	71.9	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 10000	62.5	70.2	73.0	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 9000	62.5	70.2	73.0	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 8000	66.9	75.1	77.9	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 7000	67.7	76.0	78.9	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 6000	68.1	76.5	79.3	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 5000	69.4	77.9	80.8	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 4500	70.5	79.2	82.0	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 4000	72.7	81.4	84.4	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 3500	73.8	82.6	85.6	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 3000	74.8	83.6	86.9	87.7	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2500	75.4	84.4	87.9	88.6	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 2000	77.0	86.1	89.7	90.5	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1800	77.0	86.3	89.9	90.7	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1500	77.1	86.4	90.1	91.2	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1200	77.1	86.8	90.5	92.0	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1000	77.3	87.1	90.9	92.6	94.0	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 900	77.6	87.5	91.3	93.1	95.0	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 800	77.8	87.9	91.6	93.7	96.1	96.1	96.4	96.5	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	77.9	88.0	91.8	94.0	97.0	97.0	97.3	97.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 600	77.9	88.0	91.8	94.0	97.5	97.6	97.9	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	77.9	88.2	92.0	94.2	97.8	97.9	98.3	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	77.9	88.3	92.3	94.5	98.6	98.7	99.1	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	77.9	88.3	92.3	94.5	98.6	98.7	99.1	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	77.9	88.3	92.3	94.5	98.6	98.7	99.1	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	77.9	88.3	92.3	94.5	98.6	98.7	99.1	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	77.9	88.3	92.3	94.5	98.6	98.7	99.1	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 634

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.5	62.8	64.9	66.4	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 20000	59.7	67.8	70.4	71.8	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 18000	59.7	67.8	70.4	71.8	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 16000	59.7	67.8	70.4	71.8	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 14000	59.7	67.8	70.4	71.8	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 12000	60.7	68.7	71.6	73.2	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 10000	62.8	70.9	73.7	75.4	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 9000	62.8	70.9	73.9	75.6	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 8000	67.8	76.8	79.9	81.5	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 7000	68.5	77.5	80.6	82.2	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 6000	68.7	77.7	80.8	82.5	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 5000	69.4	78.4	81.5	83.2	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 4500	69.7	78.9	82.0	83.6	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 4000	72.0	81.5	85.1	86.7	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 3500	72.3	81.8	85.3	87.0	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 3000	72.3	81.8	85.5	87.2	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 2500	72.7	82.2	86.0	87.7	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2000	73.9	83.6	87.4	89.1	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1800	73.9	83.9	87.7	89.3	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1500	74.4	84.4	88.2	89.8	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1200	74.9	85.5	89.3	91.5	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1000	75.1	85.8	89.6	91.7	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 900	75.1	85.8	89.8	92.2	93.6	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 800	75.4	86.0	90.0	92.4	94.3	94.3	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 700	75.6	86.5	90.5	93.4	95.7	95.7	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 600	75.6	86.5	90.5	93.6	96.9	97.2	97.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	75.6	87.0	91.0	94.3	97.6	97.9	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	75.6	87.0	91.0	94.3	97.9	98.1	98.8	98.8	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	75.6	87.0	91.0	94.3	98.1	98.3	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	75.6	87.0	91.0	94.3	98.1	98.3	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	75.6	87.0	91.0	94.3	98.1	98.3	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	75.6	87.0	91.0	94.3	98.1	98.3	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 422

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	50.6	57.0	59.3	59.9	60.2	60.2	60.4	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.8	61.0
GE 20000	56.0	63.0	65.3	66.3	66.5	66.5	66.8	67.0	67.0	67.1	67.1	67.1	67.1	67.2	67.3	67.4
GE 18000	56.0	63.0	65.3	66.3	66.5	66.6	66.8	67.0	67.0	67.1	67.1	67.1	67.1	67.2	67.3	67.4
GE 16000	56.0	63.0	65.3	66.3	66.5	66.6	66.8	67.0	67.0	67.1	67.1	67.1	67.1	67.2	67.3	67.4
GE 14000	56.1	63.1	65.5	66.4	66.7	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.4	67.6
GE 12000	57.1	64.2	66.7	67.7	68.0	68.1	68.3	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.8	68.9
GE 10000	58.8	66.1	68.7	69.7	70.0	70.1	70.3	70.5	70.5	70.6	70.6	70.6	70.6	70.7	70.8	70.9
GE 9000	58.8	66.2	68.8	69.8	70.1	70.2	70.4	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.9	71.0
GE 8000	63.2	71.1	73.8	74.8	75.2	75.2	75.4	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.9	76.1
GE 7000	63.7	71.6	74.3	75.4	75.7	75.8	76.0	76.2	76.2	76.3	76.3	76.3	76.3	76.4	76.5	76.6
GE 6000	63.9	71.9	74.6	75.7	76.0	76.1	76.3	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.8	76.9
GE 5000	65.1	73.3	76.2	77.3	77.7	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.5	78.6
GE 4500	65.8	74.2	77.1	78.3	78.6	78.6	78.9	79.1	79.1	79.1	79.2	79.2	79.3	79.3	79.4	79.6
GE 4000	67.6	76.2	79.3	80.4	80.8	80.9	81.2	81.4	81.4	81.4	81.4	81.4	81.5	81.6	81.7	81.8
GE 3500	68.6	77.3	80.6	81.9	82.3	82.4	82.6	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.2	83.3
GE 3000	69.9	78.8	82.2	83.5	84.1	84.2	84.5	84.7	84.7	84.7	84.8	84.8	84.8	84.9	85.0	85.2
GE 2500	70.7	79.8	83.2	84.6	85.2	85.2	85.5	85.8	85.8	85.8	85.8	85.8	85.9	85.9	86.1	86.2
GE 2000	72.0	81.5	85.1	86.5	87.2	87.3	87.6	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.2	88.4
GE 1800	72.1	81.6	85.3	86.6	87.4	87.5	87.8	88.1	88.1	88.1	88.2	88.2	88.3	88.3	88.4	88.6
GE 1500	72.5	82.5	86.3	87.8	88.6	88.7	89.1	89.4	89.4	89.4	89.5	89.5	89.6	89.6	89.7	89.9
GE 1200	73.2	83.6	87.7	89.4	90.4	90.5	91.0	91.2	91.2	91.3	91.3	91.3	91.4	91.5	91.6	91.7
GE 1000	73.3	84.1	88.2	90.2	91.6	91.7	92.3	92.6	92.6	92.6	92.7	92.7	92.8	92.8	92.9	93.1
GE 900	73.4	84.4	88.6	90.8	92.5	92.6	93.2	93.5	93.5	93.6	93.6	93.6	93.7	93.7	93.9	94.0
GE 800	73.5	84.6	88.9	91.4	93.3	93.6	94.3	94.6	94.6	94.8	94.9	94.9	95.0	95.0	95.2	95.3
GE 700	73.6	84.8	89.1	91.8	94.2	94.5	95.2	95.7	95.7	95.9	96.0	96.0	96.1	96.1	96.2	96.4
GE 600	73.6	84.8	89.3	92.1	94.8	95.3	96.0	96.5	96.5	96.8	96.8	96.8	97.0	97.0	97.1	97.3
GE 500	73.7	85.0	89.7	92.7	95.6	96.2	97.0	97.5	97.5	97.8	97.9	97.9	98.1	98.1	98.2	98.4
GE 400	73.7	85.2	89.9	92.8	96.0	96.6	97.5	98.2	98.2	98.6	98.8	98.8	98.9	98.9	99.1	99.2
GE 300	73.7	85.2	89.9	92.8	96.0	96.7	97.6	98.4	98.4	98.8	99.1	99.1	99.3	99.3	99.4	99.6
GE 200	73.7	85.2	89.9	92.8	96.0	96.7	97.7	98.4	98.4	98.9	99.1	99.2	99.4	99.4	99.6	99.8
GE 100	73.7	85.2	89.9	92.8	96.0	96.7	97.7	98.4	98.4	98.9	99.1	99.2	99.4	99.5	99.8	100.0
GE 000	73.7	85.2	89.9	92.8	96.0	96.7	97.7	98.4	98.4	98.9	99.1	99.2	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3610

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	43.4	46.1	48.0	49.3	50.4	50.5	52.2	52.7	52.7	53.2	53.6	53.6	54.7	55.2	55.2	55.9
GE 20000	48.0	51.8	54.1	55.4	56.6	57.0	58.6	59.1	59.1	59.7	60.0	60.0	61.1	61.6	61.6	62.4
GE 18000	48.0	51.8	54.1	55.4	56.6	57.0	58.6	59.1	59.1	59.7	60.0	60.0	61.1	61.6	61.6	62.4
GE 16000	48.0	51.8	54.1	55.4	56.6	57.0	58.6	59.1	59.1	59.7	60.0	60.0	61.1	61.6	61.6	62.4
GE 14000	48.0	51.8	54.5	55.7	57.0	57.3	59.0	59.5	59.5	60.0	60.4	60.4	61.5	62.0	62.0	62.7
GE 12000	48.4	52.3	55.0	56.3	57.5	57.9	59.5	60.0	60.0	60.6	60.9	60.9	62.0	62.5	62.5	63.3
GE 10000	49.3	53.6	56.6	57.9	59.5	59.9	61.8	62.5	62.5	63.1	63.4	63.4	64.5	65.1	65.1	65.8
GE 9000	49.3	53.9	57.0	58.2	59.9	60.2	62.2	62.9	62.9	63.4	63.8	63.8	64.9	65.4	65.4	66.1
GE 8000	52.7	57.3	60.4	61.6	63.3	63.6	65.6	66.3	66.3	66.8	67.2	67.2	68.3	68.8	68.8	69.5
GE 7000	52.7	57.9	61.3	62.5	64.2	64.5	66.5	67.2	67.2	67.7	68.1	68.1	69.2	69.7	69.7	70.4
GE 6000	53.2	58.4	61.8	63.1	64.7	65.1	67.0	67.7	67.7	68.3	68.6	68.6	69.7	70.3	70.3	71.0
GE 5000	54.3	59.7	63.3	64.7	66.3	66.7	68.6	69.4	69.4	69.9	70.3	70.3	71.3	71.9	71.9	72.6
GE 4500	54.7	60.0	63.6	65.1	66.7	67.0	69.0	69.7	69.7	70.3	70.6	70.6	71.7	72.2	72.2	72.9
GE 4000	57.2	62.5	66.3	67.9	69.5	69.9	71.9	72.6	72.6	73.1	73.5	73.5	74.6	75.1	75.1	75.8
GE 3500	57.7	63.3	67.2	69.0	70.6	71.0	72.9	73.7	73.7	74.2	74.6	74.6	75.6	76.2	76.2	76.9
GE 3000	59.3	64.9	69.0	70.8	72.4	72.8	74.7	75.4	75.4	76.0	76.5	76.5	77.6	78.1	78.1	78.9
GE 2500	59.3	64.9	69.0	70.8	72.4	72.8	74.7	75.4	75.4	76.0	76.7	76.7	77.8	78.3	78.3	79.0
GE 2000	59.9	65.6	70.4	72.2	73.8	74.2	76.3	77.1	77.1	77.8	78.5	78.5	79.6	80.1	80.1	80.8
GE 1800	60.2	65.9	70.8	72.6	74.2	74.6	76.7	77.4	77.4	78.1	78.9	78.9	79.9	80.5	80.5	81.2
GE 1500	60.8	67.0	71.9	73.8	75.4	75.8	78.1	78.9	78.9	79.6	80.3	80.3	81.4	81.9	81.9	82.6
GE 1200	61.3	68.8	74.2	76.3	78.5	79.0	81.4	82.1	82.1	83.0	83.7	83.7	84.8	85.3	85.3	86.0
GE 1000	61.5	69.2	74.6	76.9	79.0	79.6	82.1	82.8	82.8	83.7	84.4	84.4	85.5	86.0	86.0	86.7
GE 900	61.6	69.4	74.9	77.2	79.6	80.1	82.6	83.3	83.3	84.2	84.9	84.9	86.0	86.6	86.6	87.3
GE 800	62.2	70.1	75.6	78.1	80.5	81.0	83.7	84.4	84.4	85.3	86.0	86.0	87.1	87.6	87.6	88.4
GE 700	62.5	70.4	76.2	78.7	81.2	82.1	84.9	85.7	85.7	86.6	87.3	87.3	88.4	88.9	88.9	89.6
GE 600	62.9	71.0	76.7	79.4	82.4	83.3	86.4	87.3	87.3	88.2	88.9	88.9	90.0	90.5	90.5	91.2
GE 500	62.9	71.0	76.7	79.6	82.6	83.5	87.3	88.2	88.2	89.1	90.0	90.0	91.0	91.6	91.6	92.3
GE 400	62.9	71.1	76.9	79.7	82.8	83.7	88.0	88.9	88.9	89.8	91.0	91.0	92.1	92.7	92.7	93.4
GE 300	62.9	71.1	76.9	79.7	82.8	83.9	88.5	89.4	89.4	90.3	92.1	92.1	93.2	93.7	93.7	94.4
GE 200	62.9	71.1	76.9	79.7	82.8	83.9	88.5	89.4	89.4	90.7	93.0	93.2	94.4	95.3	95.7	97.3
GE 100	62.9	71.1	76.9	79.7	82.8	83.9	88.5	89.4	89.4	90.7	93.2	93.4	94.6	95.5	96.2	99.1
GE 000	62.9	71.1	76.9	79.7	82.8	83.9	88.5	89.4	89.4	90.7	93.2	93.4	94.8	95.7	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 558

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	46.9	49.9	52.6	52.8	53.7	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.2	54.2	54.2	54.4
GE 20000	52.2	56.4	59.2	59.6	60.5	60.7	60.7	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.2
GE 18000	52.4	56.6	59.4	59.8	60.7	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.4
GE 16000	52.4	56.6	59.4	59.8	60.7	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.4
GE 14000	52.8	56.9	59.8	60.1	61.0	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.6	61.6	61.6	61.8
GE 12000	52.8	57.1	60.0	60.5	61.4	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	62.1
GE 10000	55.7	60.5	64.3	64.8	66.1	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.6	66.6	66.6	66.8
GE 9000	56.0	60.9	64.6	65.2	66.4	66.6	66.6	66.8	66.8	66.8	66.8	66.8	67.0	67.0	67.0	67.1
GE 8000	59.1	64.3	68.0	68.8	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.9	70.9	70.9	71.1
GE 7000	60.0	65.4	69.3	70.2	71.8	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.4	72.4	72.4	72.5
GE 6000	60.9	66.2	70.2	71.1	72.9	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.4	73.4	73.4	73.6
GE 5000	61.8	67.1	71.1	72.0	73.8	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.3	74.3	74.3	74.5
GE 4500	62.8	68.2	72.2	73.1	74.9	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.4	75.4	75.4	75.6
GE 4000	64.8	70.2	74.1	75.4	77.2	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.9
GE 3500	64.8	70.2	74.1	75.4	77.2	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.9
GE 3000	67.0	72.4	76.5	77.9	79.9	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.6
GE 2500	67.1	72.9	77.2	79.0	81.0	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.5	81.5	81.5	81.7
GE 2000	68.6	74.5	78.8	80.6	82.8	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.3	83.3	83.3	83.5
GE 1800	68.6	74.5	78.8	80.6	82.8	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.3	83.3	83.3	83.5
GE 1500	69.5	75.8	80.4	82.2	84.4	84.6	84.7	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.3
GE 1200	70.4	77.2	82.2	85.1	87.4	87.6	87.8	88.0	88.0	88.0	88.0	88.0	88.2	88.2	88.2	88.3
GE 1000	70.4	77.2	82.2	85.3	87.8	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.7
GE 900	70.6	77.4	82.6	85.6	88.2	88.5	88.7	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.2
GE 800	70.9	77.7	82.9	86.2	89.6	89.9	90.1	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.7
GE 700	71.1	77.9	83.3	87.4	90.8	91.2	91.6	91.7	91.7	91.9	91.9	91.9	92.1	92.1	92.1	92.3
GE 600	71.5	78.3	83.7	88.0	91.9	92.5	92.8	93.0	93.0	93.2	93.2	93.2	93.4	93.4	93.4	93.5
GE 500	71.5	78.3	83.7	88.0	92.3	93.4	93.9	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.8
GE 400	71.5	78.3	83.7	88.2	92.5	93.5	94.4	95.2	95.2	95.7	95.7	95.7	95.9	95.9	95.9	96.1
GE 300	71.5	78.3	83.7	88.2	92.6	93.7	94.6	95.5	95.5	96.1	96.6	96.8	96.9	96.9	97.1	97.5
GE 200	71.5	78.3	83.7	88.2	92.6	93.7	94.6	95.5	95.5	96.8	97.5	97.7	98.2	98.6	98.7	99.3
GE 100	71.5	78.3	83.7	88.2	92.6	93.7	94.6	95.5	95.5	96.8	97.5	97.7	98.2	98.7	98.9	99.8
GE 000	71.5	78.3	83.7	88.2	92.6	93.7	94.6	95.5	95.5	96.8	97.5	97.7	98.2	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 557

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	48.5	52.2	53.0	53.3	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 20000	56.0	60.7	61.6	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 18000	56.4	61.0	61.9	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 16000	56.4	61.0	61.9	62.8	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 14000	56.7	61.4	62.3	63.2	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 12000	58.0	62.7	63.6	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 10000	60.9	66.4	67.3	68.2	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 9000	61.2	66.8	67.7	68.6	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 8000	64.1	70.2	71.6	72.7	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 7000	64.3	70.4	71.8	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 6000	64.8	70.9	72.5	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	65.9	72.0	73.6	74.9	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 4500	67.0	73.1	74.7	75.9	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	69.8	75.9	77.6	79.2	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3500	70.9	77.4	79.0	80.6	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 3000	72.9	79.7	81.3	82.9	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 2500	74.3	81.3	82.9	85.5	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 2000	75.6	82.9	84.7	87.3	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1800	75.8	83.1	85.3	87.8	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1500	76.3	84.0	86.5	89.2	91.0	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1200	76.8	84.7	87.6	90.5	92.5	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	77.2	85.1	88.0	91.4	93.5	93.7	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 900	77.4	85.5	88.7	92.3	94.4	94.8	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 800	77.4	85.8	89.0	92.8	95.2	95.7	96.1	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 700	77.6	86.0	89.2	93.2	95.7	96.2	96.8	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	77.6	86.0	89.2	93.5	96.1	96.6	97.1	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 500	77.6	86.0	89.2	94.1	96.8	97.5	98.6	99.1	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8
GE 400	77.6	86.0	89.2	94.1	96.8	97.5	98.6	99.1	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8
GE 300	77.6	86.0	89.2	94.1	96.8	97.5	98.6	99.1	99.1	99.5	99.8	100.0	100.0	100.0	100.0	100.0
GE 200	77.6	86.0	89.2	94.1	96.8	97.5	98.6	99.1	99.1	99.5	99.8	100.0	100.0	100.0	100.0	100.0
GE 100	77.6	86.0	89.2	94.1	96.8	97.5	98.6	99.1	99.1	99.5	99.8	100.0	100.0	100.0	100.0	100.0
GE 000	77.6	86.0	89.2	94.1	96.8	97.5	98.6	99.1	99.1	99.5	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 557

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	53.9	56.6	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 20000	61.6	64.9	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 18000	61.8	65.0	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
GE 16000	61.8	65.0	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
GE 14000	61.8	65.0	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
GE 12000	62.7	65.9	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 10000	66.1	69.4	71.5	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 9000	66.1	69.4	71.5	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 8000	69.0	73.0	75.7	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 7000	69.5	73.5	76.1	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 6000	69.9	73.9	77.1	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 5000	72.1	76.2	79.5	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 4500	72.8	76.9	80.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 4000	77.1	81.8	85.0	86.3	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 3500	77.5	82.2	85.4	86.7	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 3000	79.8	84.5	87.7	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2500	80.9	85.6	88.8	90.6	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2000	81.8	86.8	90.1	92.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1800	82.5	87.6	90.8	92.8	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1500	82.5	87.9	92.1	94.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200	82.9	88.6	92.8	94.8	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	82.9	88.6	92.8	94.8	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 900	83.1	89.0	93.3	95.3	96.6	96.6	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	83.1	89.0	93.5	95.7	96.9	96.9	97.1	97.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	83.2	89.2	93.7	96.4	97.7	97.7	97.8	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	83.2	89.2	93.7	96.4	97.7	97.7	97.8	98.2	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	83.2	89.4	93.9	96.6	97.8	97.8	98.2	98.6	98.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	83.2	89.4	93.9	96.6	97.8	97.8	98.2	98.6	98.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	83.2	89.4	93.9	96.6	97.8	97.8	98.2	98.6	98.6	99.3	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	83.2	89.4	93.9	96.6	97.8	97.8	98.2	98.6	98.6	99.3	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	83.2	89.4	93.9	96.6	97.8	97.8	98.2	98.6	98.6	99.3	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	83.2	89.4	93.9	96.6	97.8	97.8	98.2	98.6	98.6	99.3	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 555

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.0	60.1	61.5	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 20000	63.8	65.1	66.9	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 18000	63.8	65.3	67.3	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 16000	63.8	65.3	67.3	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 14000	63.8	65.3	67.3	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 12000	65.5	66.9	68.9	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 10000	69.1	70.9	72.8	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 9000	69.1	70.9	72.8	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 8000	73.6	75.7	77.9	78.1	78.1	78.1	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 7000	75.0	77.2	79.3	79.5	79.5	79.5	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 6000	75.0	77.2	79.3	79.5	79.5	79.5	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 5000	76.8	79.1	81.8	82.0	82.0	82.0	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4500	76.8	79.1	81.8	82.0	82.0	82.0	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4000	78.2	81.1	84.4	84.5	84.5	84.5	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3500	79.1	82.6	85.8	86.0	86.0	86.0	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 3000	80.4	84.0	87.6	88.1	88.3	88.3	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2500	80.8	84.4	87.9	88.5	89.2	89.2	89.9	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2000	82.2	86.2	89.9	90.5	91.5	91.5	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1800	82.7	86.7	90.5	91.0	92.1	92.1	92.8	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1500	83.1	87.4	91.7	92.3	93.5	93.5	94.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1200	83.8	88.3	93.0	93.9	95.5	95.5	96.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	83.8	88.3	93.0	93.9	95.5	95.5	96.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 900	83.8	88.3	93.0	94.1	95.9	95.9	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	83.8	88.3	93.0	94.2	96.0	96.0	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 700	83.8	88.3	93.0	94.6	96.4	96.6	97.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	83.8	88.3	93.2	95.0	96.8	96.9	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	83.8	88.3	93.2	95.0	96.8	96.9	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	83.8	88.3	93.2	95.1	96.9	97.1	98.2	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5
GE 300	83.8	88.3	93.2	95.1	96.9	97.1	98.2	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6
GE 200	83.8	88.3	93.2	95.1	96.9	97.1	98.2	99.3	99.3	99.3	99.3	99.3	99.3	99.8	99.8	99.8
GE 100	83.8	88.3	93.2	95.1	96.9	97.1	98.2	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
GE 000	83.8	88.3	93.2	95.1	96.9	97.1	98.2	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 556

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	56.8	57.6	59.5	59.7	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 20000	61.9	62.7	64.6	65.1	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 18000	61.9	62.7	64.6	65.1	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 16000	61.9	62.7	64.6	65.1	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 14000	62.4	63.2	65.1	65.7	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 12000	63.5	64.3	66.2	66.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 10000	66.2	67.3	69.2	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 9000	66.5	67.6	69.5	70.0	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 8000	70.3	72.7	75.1	75.7	76.2	76.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 7000	72.7	75.1	77.6	78.1	78.6	78.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 6000	72.7	75.1	77.6	78.1	78.6	78.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 5000	74.6	77.0	79.5	80.0	80.5	80.5	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 4500	74.6	77.0	80.0	80.5	81.1	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 4000	78.1	81.4	84.6	85.1	85.7	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3500	78.4	81.6	84.9	85.4	85.9	86.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 3000	79.2	82.7	85.9	87.0	87.6	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 2500	79.5	83.0	86.5	87.6	88.1	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2000	80.3	84.1	87.6	88.6	89.2	89.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1800	80.3	84.1	87.6	88.6	89.2	89.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1500	80.5	84.3	88.1	89.5	90.0	90.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1200	81.9	85.9	90.3	91.4	91.9	92.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1000	82.2	86.5	91.1	92.2	93.2	93.8	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 900	82.7	87.0	91.6	92.7	93.8	94.3	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	83.2	87.6	92.4	93.5	94.6	95.1	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 700	83.5	87.8	92.7	93.8	94.9	95.4	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	83.5	87.8	92.7	93.8	94.9	95.4	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	83.5	87.8	92.7	93.8	94.9	95.4	97.0	97.0	97.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	83.5	88.4	93.2	94.3	95.4	95.9	97.6	97.6	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 300	83.5	88.4	93.2	94.3	95.4	95.9	97.6	97.6	97.6	98.6	98.6	98.6	98.6	98.9	98.9	98.9
GE 200	83.5	88.4	93.2	94.3	95.4	95.9	97.6	97.6	97.6	98.6	98.6	98.6	98.6	98.9	98.9	98.9
GE 100	83.5	88.4	93.2	94.3	95.4	95.9	97.6	97.6	97.6	98.6	98.6	98.6	99.2	99.2	99.5	99.5
GE 000	83.5	88.4	93.2	94.3	95.4	95.9	97.6	97.6	97.6	98.6	98.6	98.6	99.2	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 370

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT RUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	51.1	53.5	55.3	55.7	56.1	56.2	56.5	56.6	56.6	56.7	56.8	56.8	57.0	57.1	57.1	57.2
GE 20000	57.0	60.1	62.1	62.6	63.1	63.2	63.6	63.7	63.7	63.8	63.8	63.8	64.1	64.2	64.2	64.3
GE 18000	57.1	60.3	62.3	62.9	63.4	63.5	63.8	63.9	63.9	64.0	64.1	64.1	64.3	64.4	64.4	64.5
GE 16000	57.1	60.3	62.3	62.9	63.4	63.5	63.8	63.9	63.9	64.0	64.1	64.1	64.3	64.4	64.4	64.5
GE 14000	57.3	60.5	62.5	63.1	63.6	63.7	64.0	64.2	64.2	64.3	64.3	64.3	64.5	64.6	64.6	64.8
GE 12000	58.2	61.4	63.5	64.1	64.6	64.7	65.0	65.1	65.1	65.2	65.3	65.3	65.5	65.6	65.6	65.7
GE 10000	60.9	64.5	66.8	67.6	68.3	68.3	68.7	68.9	68.9	69.0	69.0	69.0	69.3	69.4	69.4	69.5
GE 9000	61.1	64.7	67.0	67.8	68.5	68.6	69.0	69.1	69.1	69.2	69.3	69.3	69.5	69.6	69.6	69.7
GE 8000	64.4	68.6	71.2	72.0	72.8	72.9	73.3	73.5	73.5	73.6	73.7	73.7	73.9	74.0	74.0	74.2
GE 7000	65.3	69.6	72.4	73.2	74.0	74.1	74.5	74.7	74.7	74.8	74.9	74.9	75.1	75.2	75.2	75.4
GE 6000	65.7	70.0	72.8	73.7	74.5	74.6	75.0	75.2	75.2	75.3	75.4	75.4	75.6	75.7	75.7	75.9
GE 5000	67.1	71.6	74.5	75.4	76.2	76.3	76.7	76.9	76.9	77.0	77.1	77.1	77.3	77.4	77.4	77.6
GE 4500	67.7	72.1	75.1	76.1	76.9	77.0	77.4	77.6	77.6	77.7	77.8	77.8	78.0	78.1	78.1	78.3
GE 4000	70.4	75.1	78.3	79.4	80.3	80.4	80.8	81.1	81.1	81.2	81.2	81.2	81.4	81.5	81.5	81.7
GE 3500	71.0	75.9	79.1	80.2	81.1	81.2	81.7	81.9	81.9	82.0	82.0	82.0	82.3	82.4	82.4	82.5
GE 3000	72.7	77.7	81.1	82.4	83.4	83.6	84.0	84.3	84.3	84.4	84.5	84.5	84.7	84.8	84.8	85.0
GE 2500	73.3	78.4	81.8	83.4	84.6	84.8	85.4	85.7	85.7	85.8	85.9	85.9	86.1	86.2	86.2	86.4
GE 2000	74.4	79.8	83.3	85.0	86.4	86.6	87.3	87.5	87.5	87.7	87.8	87.8	88.0	88.1	88.1	88.3
GE 1800	74.7	80.1	83.7	85.4	86.8	87.0	87.6	87.9	87.9	88.0	88.2	88.2	88.4	88.5	88.5	88.6
GE 1500	75.1	80.9	85.0	86.7	88.1	88.3	89.1	89.3	89.3	89.5	89.6	89.6	89.9	89.9	89.9	90.1
GE 1200	75.8	82.0	86.5	88.5	90.2	90.4	91.2	91.5	91.5	91.7	91.8	91.8	92.0	92.1	92.1	92.3
GE 1000	76.0	82.2	86.7	88.9	90.7	90.9	91.7	92.0	92.0	92.2	92.4	92.4	92.6	92.7	92.7	92.8
GE 900	76.1	82.5	87.1	89.3	91.2	91.5	92.4	92.7	92.7	93.0	93.1	93.1	93.3	93.4	93.4	93.6
GE 800	76.4	82.8	87.5	89.9	92.0	92.3	93.2	93.5	93.5	93.8	94.0	94.0	94.2	94.3	94.3	94.4
GE 700	76.6	83.0	87.7	90.5	92.6	93.1	94.1	94.5	94.5	94.9	95.1	95.1	95.3	95.4	95.4	95.5
GE 600	76.7	83.2	87.9	90.8	93.2	93.6	94.7	95.2	95.2	95.6	95.7	95.7	95.9	96.0	96.0	96.2
GE 500	76.7	83.2	87.9	91.0	93.4	94.0	95.4	95.9	95.9	96.4	96.6	96.6	96.9	97.0	97.0	97.1
GE 400	76.7	83.3	88.0	91.2	93.6	94.2	95.7	96.4	96.4	96.9	97.2	97.2	97.5	97.6	97.6	97.7
GE 300	76.7	83.3	88.0	91.2	93.6	94.2	95.8	96.5	96.5	97.1	97.7	97.7	98.1	98.2	98.2	98.4
GE 200	76.7	83.3	88.0	91.2	93.6	94.2	95.8	96.5	96.5	97.3	98.0	98.1	98.5	98.8	98.9	99.2
GE 100	76.7	83.3	88.0	91.2	93.6	94.2	95.8	96.5	96.5	97.3	98.0	98.1	98.6	98.9	99.1	99.7
GE 000	76.7	83.3	88.0	91.2	93.6	94.2	95.8	96.5	96.5	97.3	98.0	98.1	98.7	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 3153

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	CE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.5	42.5	45.1	46.5	47.2	47.2	47.2	47.2	47.2	47.2	47.4	47.6	47.7	47.7	47.7	47.9
GE 20000	46.2	47.7	50.3	51.7	52.6	52.6	52.6	52.6	52.6	52.6	52.8	53.0	53.3	53.3	53.7	54.0
GE 18000	46.2	47.7	50.3	51.7	52.6	52.6	52.6	52.6	52.6	52.6	52.8	53.0	53.3	53.3	53.7	54.0
GE 16000	46.2	47.7	50.3	51.7	52.6	52.6	52.6	52.6	52.6	52.6	52.8	53.0	53.3	53.3	53.7	54.0
GE 14000	46.3	47.9	50.5	51.9	52.8	52.8	52.8	52.8	52.8	52.8	53.0	53.1	53.5	53.5	53.8	54.2
GE 12000	46.5	48.1	50.7	52.1	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.3	53.7	53.7	54.0	54.4
GE 10000	49.0	50.7	53.3	54.9	55.9	55.9	55.9	55.9	55.9	55.9	56.1	56.3	56.6	56.6	57.0	57.3
GE 9000	49.0	50.7	53.3	54.9	55.9	55.9	55.9	55.9	55.9	55.9	56.1	56.3	56.6	56.6	57.0	57.3
GE 8000	52.8	54.7	57.5	59.1	60.1	60.1	60.1	60.1	60.1	60.1	60.3	60.5	60.8	60.8	61.1	61.5
GE 7000	53.5	55.7	59.1	60.8	61.8	61.8	61.8	61.8	61.8	61.8	62.0	62.2	62.5	62.5	62.9	63.2
GE 6000	55.1	57.3	60.6	62.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6	63.8	64.1	64.1	64.5	64.8
GE 5000	59.1	61.5	65.0	67.1	68.1	68.1	68.1	68.1	68.1	68.1	68.3	68.5	68.8	68.8	69.2	69.5
GE 4500	59.9	62.4	65.9	67.9	69.2	69.2	69.5	69.5	69.5	69.5	69.7	69.9	70.2	70.2	70.6	70.9
GE 4000	63.4	66.2	69.7	72.5	74.0	74.0	74.4	74.4	74.4	74.4	74.6	74.7	75.1	75.1	75.4	75.8
GE 3500	65.0	68.1	72.0	74.9	76.5	76.5	76.8	76.8	76.8	76.8	77.0	77.2	77.5	77.5	77.9	78.2
GE 3000	65.7	69.0	72.8	76.0	77.5	77.5	77.9	78.0	78.0	78.0	78.4	78.6	79.1	79.1	79.4	79.8
GE 2500	66.0	69.3	73.2	76.3	77.9	77.9	78.2	78.7	78.7	78.7	79.1	79.3	79.8	79.8	80.1	80.5
GE 2000	67.2	71.3	75.4	78.9	80.7	80.7	81.2	81.7	81.7	81.7	82.1	82.2	82.8	82.8	83.1	83.4
GE 1800	67.4	71.4	76.0	79.4	81.2	81.2	81.7	82.2	82.2	82.2	82.6	82.8	83.3	83.3	83.6	84.0
GE 1500	68.1	72.3	76.8	80.7	82.6	82.6	83.3	83.8	83.8	83.8	84.1	84.5	85.0	85.2	85.5	85.9
GE 1200	69.2	73.3	78.0	81.9	84.1	84.1	84.8	85.4	85.4	85.4	85.7	86.1	86.6	86.8	87.1	87.5
GE 1000	69.3	73.5	78.2	82.1	84.5	84.7	85.4	85.9	85.9	86.1	86.4	86.8	87.3	87.5	87.8	88.2
GE 900	69.3	73.9	78.6	82.4	84.8	85.0	85.7	86.2	86.2	86.4	86.8	87.1	87.6	87.8	88.2	88.5
GE 800	69.5	74.2	79.1	82.9	85.4	85.5	86.4	86.9	86.9	87.1	87.5	87.8	88.3	88.5	88.9	89.2
GE 700	69.5	74.2	79.6	83.4	86.1	86.2	87.6	88.2	88.2	88.3	89.2	89.5	90.1	90.2	90.6	90.9
GE 600	70.4	75.3	80.8	84.7	87.3	87.5	88.9	89.4	89.4	89.5	90.4	90.8	91.3	91.5	91.8	92.2
GE 500	70.4	75.4	81.2	85.0	88.0	88.2	89.7	90.4	90.4	91.1	92.0	92.3	92.9	93.0	93.4	93.7
GE 400	70.4	75.4	81.4	85.7	88.9	89.0	90.8	91.5	91.5	92.3	93.2	93.6	94.1	94.3	94.6	94.9
GE 300	70.4	75.4	81.5	86.4	89.5	89.7	91.5	92.5	92.5	93.4	94.3	94.6	95.3	95.5	96.2	96.5
GE 200	70.4	75.4	81.5	86.4	89.5	89.7	91.5	92.5	92.5	93.9	95.5	95.8	96.5	96.7	97.6	98.1
GE 100	70.4	75.4	81.5	86.4	89.5	89.7	91.5	92.5	92.5	93.9	95.6	96.0	96.9	97.0	98.1	99.1
GE 000	70.4	75.4	81.5	86.4	89.5	89.7	91.5	92.5	92.5	93.9	95.6	96.0	96.9	97.0	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 574

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	42.2	44.3	45.3	46.1	46.6	46.8	47.1	47.1	47.1	47.2	47.4	47.4	47.4	47.4	47.6	47.6
GE 20000	48.4	51.3	52.3	53.4	54.0	54.4	54.7	54.7	54.7	54.7	55.2	55.2	55.2	55.2	55.3	55.3
GE 18000	48.7	51.6	52.6	53.7	54.4	54.7	55.0	55.0	55.0	55.2	55.5	55.5	55.5	55.5	55.7	55.7
GE 16000	48.7	51.6	52.6	53.7	54.4	54.7	55.0	55.0	55.0	55.2	55.5	55.5	55.5	55.5	55.7	55.7
GE 14000	48.9	51.8	52.8	53.9	54.5	54.9	55.2	55.2	55.2	55.3	55.7	55.7	55.7	55.7	55.8	55.8
GE 12000	49.5	52.4	53.4	54.5	55.2	55.5	55.8	55.8	55.8	56.0	56.3	56.3	56.3	56.3	56.5	56.5
GE 10000	52.3	55.3	56.5	57.6	58.4	58.7	59.1	59.1	59.1	59.2	59.5	59.5	59.5	59.5	59.7	59.7
GE 9000	52.3	55.3	56.5	57.6	58.4	58.7	59.1	59.1	59.1	59.2	59.5	59.5	59.5	59.5	59.7	59.7
GE 8000	58.7	62.5	63.6	64.7	65.5	65.9	66.2	66.2	66.2	66.3	66.7	66.7	66.7	66.7	66.8	66.8
GE 7000	60.4	64.2	65.9	67.0	67.8	68.1	68.4	68.4	68.4	68.6	68.9	68.9	68.9	68.9	69.1	69.1
GE 6000	61.3	65.2	66.8	68.0	68.8	69.1	69.4	69.4	69.4	69.6	69.9	69.9	69.9	69.9	70.1	70.1
GE 5000	64.2	68.8	70.6	72.2	73.0	73.3	73.6	73.8	73.8	73.9	74.3	74.3	74.3	74.3	74.4	74.4
GE 4500	64.4	68.9	70.7	72.3	73.3	73.9	74.3	74.4	74.4	74.6	74.9	74.9	74.9	74.9	75.1	75.1
GE 4000	66.7	71.2	73.1	74.8	75.7	76.4	76.7	76.9	76.9	77.0	77.3	77.3	77.3	77.3	77.5	77.5
GE 3500	67.5	72.5	74.6	76.2	77.5	78.2	78.5	78.6	78.6	78.8	79.1	79.1	79.1	79.1	79.3	79.3
GE 3000	68.6	73.8	76.1	77.8	79.6	80.3	80.6	80.9	80.9	81.1	81.4	81.4	81.4	81.4	81.6	81.6
GE 2500	69.4	74.6	76.9	78.8	80.6	81.4	81.9	82.2	82.2	82.4	82.7	82.7	82.7	82.7	82.8	82.8
GE 2000	70.1	75.2	78.0	79.9	82.0	82.8	83.3	83.7	83.7	83.8	84.1	84.1	84.1	84.1	84.3	84.3
GE 1800	70.6	75.7	78.5	80.4	82.5	83.3	83.8	84.1	84.1	84.3	84.6	84.6	84.6	84.6	84.8	84.8
GE 1500	71.2	76.4	79.3	81.4	83.8	84.6	85.1	85.6	85.6	85.8	86.1	86.1	86.1	86.1	86.2	86.2
GE 1200	71.5	76.7	79.8	82.0	84.6	85.8	86.7	87.2	87.2	87.4	87.7	87.7	87.7	87.7	87.9	87.9
GE 1000	72.3	77.5	80.6	82.8	85.4	86.6	87.5	88.2	88.2	88.3	88.7	88.7	88.7	88.7	88.8	88.8
GE 900	72.5	77.7	80.7	83.0	85.6	86.7	87.7	88.3	88.3	88.5	88.8	88.8	88.8	88.8	89.0	89.0
GE 800	72.5	77.8	80.9	83.2	86.2	87.5	88.8	89.5	89.5	89.8	90.1	90.3	90.3	90.3	90.5	90.5
GE 700	72.8	78.2	81.2	83.5	86.7	88.0	89.5	90.3	90.3	90.9	91.7	91.9	91.9	91.9	92.1	92.1
GE 600	73.0	78.3	81.4	83.7	87.1	88.3	90.6	91.6	91.7	92.4	93.2	93.4	93.4	93.4	93.5	93.5
GE 500	73.0	78.3	81.9	84.5	88.2	89.6	92.6	93.9	94.0	95.0	96.3	96.4	96.6	96.8	96.9	96.9
GE 400	73.0	78.3	81.9	84.6	88.3	89.8	93.0	94.5	94.7	95.8	97.2	97.4	97.6	97.7	97.9	97.9
GE 300	73.0	78.3	81.9	84.8	88.5	90.0	93.4	94.8	95.1	96.3	97.7	97.9	98.1	98.2	98.4	98.4
GE 200	73.0	78.3	81.9	84.8	88.5	90.0	93.4	94.8	95.1	96.6	98.2	98.4	98.5	98.7	99.0	99.0
GE 100	73.0	78.3	81.9	84.8	88.5	90.0	93.4	94.8	95.1	96.6	98.2	98.4	98.7	98.9	99.4	99.5
GE 000	73.0	78.3	81.9	84.8	88.5	90.0	93.4	94.8	95.1	96.6	98.2	98.4	98.7	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 618

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.5	45.2	45.8	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 20000	51.2	55.0	55.8	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 18000	51.2	55.0	55.8	56.7	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	51.2	55.0	56.0	57.0	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 14000	51.7	55.5	56.5	57.5	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 12000	53.4	57.5	58.5	59.4	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 10000	56.2	61.2	62.2	63.4	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 9000	56.3	61.4	62.4	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 8000	61.9	67.5	68.6	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 7000	62.4	68.1	69.3	70.8	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 6000	62.9	68.6	69.8	71.3	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 5000	64.4	70.1	71.6	73.6	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	64.7	70.4	72.1	74.1	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4000	66.8	72.6	74.4	76.4	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 3500	68.3	74.2	76.2	78.2	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 3000	70.1	76.2	78.3	80.3	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 2500	71.3	77.3	79.5	81.4	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2000	73.1	79.6	81.9	84.1	85.1	85.6	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
GE 1800	73.2	79.8	82.1	84.2	85.2	85.9	86.0	86.2	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4
GE 1500	73.9	80.5	82.8	84.9	85.9	86.5	86.7	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
GE 1200	74.4	81.0	83.3	85.6	86.7	87.4	87.5	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
GE 1000	75.2	81.8	84.1	86.5	88.2	88.8	89.0	89.3	89.3	89.5	89.7	89.7	89.7	89.7	89.7	89.7
GE 900	75.2	81.9	84.2	86.7	88.3	89.0	89.2	89.5	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8
GE 800	75.9	82.8	85.1	87.7	89.3	90.0	90.1	90.6	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	76.5	83.4	85.7	88.7	90.3	91.0	91.6	92.3	92.3	92.4	92.9	92.9	92.9	92.9	92.9	92.9
GE 600	76.7	83.6	86.4	89.5	91.5	92.8	93.8	94.4	94.4	94.6	95.1	95.1	95.1	95.1	95.1	95.1
GE 500	76.8	84.1	87.0	90.1	92.3	93.6	94.6	95.4	95.4	95.6	96.6	96.6	96.7	96.9	96.9	96.9
GE 400	76.8	84.1	87.0	90.1	92.3	93.8	95.4	96.7	96.7	96.9	98.0	98.0	98.4	98.5	98.5	98.5
GE 300	76.8	84.1	87.0	90.1	92.3	93.8	95.4	96.9	96.9	97.2	98.4	98.4	98.7	98.9	98.9	98.9
GE 200	76.8	84.1	87.0	90.1	92.3	93.8	95.4	97.0	97.0	97.5	98.7	98.7	99.3	99.5	99.5	99.5
GE 100	76.8	84.1	87.0	90.1	92.3	93.8	95.4	97.0	97.0	97.5	98.7	98.7	99.5	99.7	99.7	100.0
GE 000	76.8	84.1	87.0	90.1	92.3	93.8	95.4	97.0	97.0	97.5	98.7	98.7	99.5	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 609

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	42.0	44.5	45.3	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 20000	52.4	55.5	56.2	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 18000	52.6	55.6	56.4	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 16000	52.6	55.6	56.4	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 14000	52.8	55.8	56.5	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 12000	54.2	57.4	58.1	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 10000	58.3	62.6	63.3	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 9000	58.5	62.8	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 8000	63.9	68.9	69.6	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 7000	64.4	69.8	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 6000	65.3	70.7	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 5000	67.1	72.8	73.5	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	67.3	73.0	73.7	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 4000	69.9	75.7	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3500	70.3	76.0	77.1	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 3000	71.9	78.0	79.1	80.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 2500	73.2	79.2	80.5	81.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2000	74.8	80.9	82.6	83.9	85.2	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1800	74.8	80.9	82.8	84.1	85.3	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1500	75.5	81.6	83.7	85.2	86.4	86.6	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1200	75.8	82.3	84.4	86.2	87.8	88.0	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1000	76.4	82.8	85.2	87.3	89.3	89.4	90.2	90.7	90.7	90.7	90.9	90.9	91.2	91.2	91.2	91.2
GE 900	76.7	83.2	85.7	87.8	89.8	90.2	90.9	91.4	91.6	91.6	91.8	91.8	92.1	92.1	92.1	92.1
GE 800	76.9	83.4	85.9	88.4	90.5	91.2	91.9	92.5	92.7	92.7	92.8	92.8	93.2	93.2	93.2	93.2
GE 700	77.1	83.9	86.4	89.1	91.6	92.7	93.7	94.6	94.8	94.8	95.0	95.0	95.3	95.3	95.3	95.3
GE 600	77.1	83.9	86.4	89.3	91.8	93.2	94.3	95.5	95.7	95.7	95.9	95.9	96.4	96.4	96.4	96.4
GE 500	77.1	83.9	86.9	90.0	92.7	94.3	95.9	97.3	97.5	97.7	97.9	97.9	98.4	98.4	98.4	98.4
GE 400	77.1	83.9	86.9	90.0	93.0	94.6	96.2	97.7	97.9	98.0	98.4	98.4	99.1	99.1	99.1	99.1
GE 300	77.1	83.9	86.9	90.0	93.0	94.6	96.6	98.0	98.2	98.6	98.9	98.9	99.6	99.6	99.6	99.6
GE 200	77.1	83.9	86.9	90.0	93.0	94.6	96.6	98.0	98.2	98.6	98.9	98.9	100.0	100.0	100.0	100.0
GE 100	77.1	83.9	86.9	90.0	93.0	94.6	96.6	98.0	98.2	98.6	98.9	98.9	100.0	100.0	100.0	100.0
GE 000	77.1	83.9	86.9	90.0	93.0	94.6	96.6	98.0	98.2	98.6	98.9	98.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 559

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	49.1	50.5	51.6	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	54.3	56.3	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
GE 18000	54.5	56.6	57.9	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	54.5	56.6	57.9	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	54.8	56.8	58.1	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 12000	57.2	59.7	61.1	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 10000	61.3	63.8	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 9000	62.0	65.2	66.5	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 8000	66.5	69.9	71.3	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 7000	67.0	70.4	71.7	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 6000	67.6	71.0	72.4	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 5000	69.0	72.6	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4500	69.7	73.3	74.7	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 4000	73.5	77.1	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3500	74.9	78.5	80.5	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 3000	76.9	81.0	83.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2500	77.8	81.9	83.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2000	79.4	83.5	85.5	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1800	79.4	83.5	85.5	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1500	79.9	84.4	86.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1200	80.8	85.7	88.0	89.1	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1000	81.2	86.2	88.5	89.8	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 900	81.2	86.2	88.7	90.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 800	81.2	86.2	88.9	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 700	81.2	86.2	89.4	90.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 600	81.2	86.2	89.4	91.0	94.1	94.1	94.3	94.8	94.8	94.8	94.8	94.8	95.2	95.2	95.2	95.2
GE 500	81.2	86.2	89.8	91.6	95.0	95.0	95.2	95.9	95.9	96.4	96.4	96.4	96.8	96.8	96.8	96.8
GE 400	81.2	86.2	89.8	92.1	95.7	95.9	96.2	96.8	96.8	97.3	97.3	97.3	97.7	97.7	97.7	97.7
GE 300	81.2	86.2	89.8	92.1	95.7	95.9	96.2	96.8	96.8	97.3	97.3	97.3	97.7	97.7	97.7	97.7
GE 200	81.2	86.2	89.8	92.1	95.7	95.9	96.2	97.1	97.1	97.5	97.5	97.5	98.6	98.6	98.6	98.6
GE 100	81.2	86.2	89.8	92.1	95.7	95.9	96.2	97.1	97.1	97.5	97.5	97.5	99.8	99.8	100.0	100.0
GE 000	81.2	86.2	89.8	92.1	95.7	95.9	96.2	97.1	97.1	97.5	97.5	97.5	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 442

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.4	48.1	49.1	50.9	50.9	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.5
GE 20000	51.2	52.6	54.0	55.7	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.4
GE 18000	51.2	52.6	54.0	55.7	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.4
GE 16000	51.2	52.6	54.0	55.7	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.4
GE 14000	51.2	52.6	54.0	55.7	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.4
GE 12000	53.3	54.6	56.0	57.7	57.7	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.4
GE 10000	57.0	59.1	60.5	62.2	62.2	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.9
GE 9000	59.1	61.2	62.5	64.3	64.3	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.9
GE 8000	64.3	66.3	67.7	69.4	69.4	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.1
GE 7000	64.6	67.0	68.4	70.4	70.4	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.1
GE 6000	64.9	67.4	68.7	70.8	70.8	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.5
GE 5000	68.0	70.4	71.8	73.9	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.6
GE 4500	68.4	70.8	72.2	74.2	74.2	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.9
GE 4000	73.9	76.3	77.7	79.7	79.7	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.4
GE 3500	75.9	78.4	79.7	82.1	82.1	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.8
GE 3000	78.0	81.1	82.5	84.9	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.3
GE 2500	78.0	81.1	82.8	85.2	85.9	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.6
GE 2000	79.4	82.5	84.9	87.3	88.3	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.0
GE 1800	79.7	82.8	85.2	87.6	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.3
GE 1500	80.4	83.5	85.9	88.3	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.0
GE 1200	80.4	83.5	86.3	88.7	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	91.1
GE 1000	80.4	83.5	86.3	89.0	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.8
GE 900	80.4	83.5	86.3	89.0	91.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.1
GE 800	80.4	83.5	86.6	89.7	92.4	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.1
GE 700	80.4	83.5	87.3	90.4	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.2
GE 600	80.8	83.8	87.6	92.1	95.5	95.5	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.9
GE 500	80.8	83.8	87.6	92.1	95.5	95.5	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.6
GE 400	80.8	83.8	87.6	92.8	96.6	96.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6
GE 300	80.8	83.8	87.6	92.8	96.6	96.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6
GE 200	80.8	83.8	87.6	92.8	96.6	96.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6	99.0
GE 100	80.8	83.8	87.6	92.8	96.6	96.6	97.6	98.3	98.3	98.3	98.3	98.6	99.0	99.0	99.7	100.0
GE 000	80.8	83.8	87.6	92.8	96.6	96.6	97.6	98.3	98.3	98.3	98.3	98.6	99.0	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 291

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	43.6	45.4	46.6	47.5	47.8	47.8	47.9	47.9	47.9	48.0	48.0	48.1	48.1	48.1	48.1	48.2
GE 20000	50.4	53.0	54.3	55.3	55.6	55.7	55.8	55.8	55.8	55.8	55.9	55.9	56.0	56.0	56.1	56.2
GE 18000	50.5	53.1	54.4	55.4	55.8	55.8	55.9	55.9	55.9	56.0	56.1	56.1	56.2	56.2	56.3	56.4
GE 16000	50.5	53.1	54.4	55.4	55.8	55.9	56.0	56.0	56.0	56.0	56.1	56.2	56.2	56.2	56.3	56.4
GE 14000	50.7	53.3	54.6	55.7	56.1	56.1	56.2	56.2	56.2	56.3	56.4	56.4	56.5	56.5	56.5	56.6
GE 12000	52.0	54.8	56.1	57.1	57.5	57.6	57.7	57.7	57.7	57.7	57.8	57.8	57.9	57.9	58.0	58.1
GE 10000	55.3	58.5	59.9	61.0	61.4	61.5	61.6	61.6	61.6	61.6	61.7	61.8	61.8	61.8	61.9	62.0
GE 9000	55.6	59.0	60.3	61.4	61.9	61.9	62.0	62.0	62.0	62.1	62.2	62.2	62.3	62.3	62.4	62.5
GE 8000	60.8	64.6	66.0	67.2	67.6	67.7	67.8	67.8	67.8	67.8	67.9	68.0	68.0	68.0	68.1	68.2
GE 7000	61.6	65.6	67.2	68.4	68.9	68.9	69.0	69.0	69.0	69.1	69.2	69.2	69.3	69.3	69.4	69.4
GE 6000	62.4	66.4	68.1	69.3	69.7	69.8	69.9	69.9	69.9	69.9	70.0	70.1	70.1	70.1	70.2	70.3
GE 5000	64.9	69.1	70.9	72.4	72.8	72.9	73.0	73.0	73.0	73.0	73.1	73.2	73.2	73.2	73.3	73.4
GE 4500	65.3	69.5	71.3	72.8	73.3	73.5	73.7	73.7	73.7	73.7	73.8	73.8	73.9	73.9	74.0	74.1
GE 4000	68.3	72.7	74.6	76.2	76.8	77.0	77.1	77.2	77.2	77.2	77.3	77.3	77.4	77.4	77.5	77.6
GE 3500	69.5	74.1	76.2	78.0	78.8	79.0	79.1	79.1	79.1	79.2	79.3	79.3	79.4	79.4	79.5	79.6
GE 3000	71.0	75.8	78.0	80.0	81.1	81.3	81.4	81.5	81.5	81.6	81.7	81.7	81.8	81.8	81.9	82.0
GE 2500	71.8	76.7	78.9	80.9	82.0	82.3	82.4	82.6	82.6	82.6	82.8	82.8	82.9	82.9	83.0	83.1
GE 2000	73.2	78.2	80.9	82.9	84.2	84.5	84.8	85.0	85.0	85.0	85.2	85.2	85.3	85.3	85.4	85.5
GE 1800	73.4	78.4	81.2	83.2	84.5	84.8	85.1	85.3	85.3	85.4	85.5	85.5	85.6	85.6	85.7	85.8
GE 1500	74.0	79.2	82.0	84.2	85.6	85.9	86.2	86.5	86.5	86.6	86.7	86.8	86.9	86.9	87.0	87.1
GE 1200	74.6	79.9	82.8	85.1	86.8	87.2	87.6	87.9	87.9	88.0	88.1	88.2	88.3	88.3	88.4	88.5
GE 1000	75.1	80.4	83.3	85.8	87.8	88.3	88.8	89.2	89.2	89.3	89.5	89.5	89.7	89.7	89.8	89.9
GE 900	75.2	80.6	83.6	86.1	88.2	88.7	89.2	89.6	89.6	89.7	89.9	90.0	90.1	90.2	90.3	90.4
GE 800	75.4	80.9	84.0	86.6	88.9	89.5	90.1	90.5	90.5	90.7	90.9	90.9	91.1	91.1	91.2	91.3
GE 700	75.6	81.2	84.5	87.2	89.8	90.4	91.3	91.8	91.8	92.0	92.5	92.6	92.8	92.8	92.9	93.0
GE 600	75.9	81.4	84.9	87.8	90.6	91.4	92.6	93.4	93.4	93.6	94.1	94.2	94.4	94.5	94.6	94.7
GE 500	75.9	81.6	85.4	88.4	91.4	92.3	93.8	94.8	94.8	95.3	95.9	96.0	96.3	96.4	96.5	96.6
GE 400	75.9	81.6	85.4	88.7	91.9	92.8	94.5	95.6	95.7	96.2	97.0	97.1	97.4	97.5	97.6	97.7
GE 300	75.9	81.6	85.4	88.9	92.0	93.0	94.8	96.0	96.1	96.7	97.4	97.5	97.9	98.0	98.2	98.3
GE 200	75.9	81.6	85.4	88.9	92.0	93.0	94.8	96.1	96.2	96.9	97.8	97.9	98.6	98.7	98.9	99.1
GE 100	75.9	81.6	85.4	88.9	92.0	93.0	94.8	96.1	96.2	96.9	97.9	98.0	98.9	99.0	99.4	99.7
GE 000	75.9	81.6	85.4	88.9	92.0	93.0	94.8	96.1	96.2	96.9	97.9	98.0	98.9	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 3093

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 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	44.1	49.8	52.8	54.3	55.3	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7
GE 20000	50.0	56.7	60.2	62.0	63.0	63.1	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.5	63.5
GE 18000	50.1	56.9	60.3	62.1	63.1	63.2	63.3	63.4	63.4	63.5	63.5	63.5	63.5	63.6	63.6	63.6
GE 16000	50.2	56.9	60.4	62.1	63.2	63.3	63.4	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.7
GE 14000	50.4	57.1	60.6	62.4	63.4	63.5	63.7	63.7	63.7	63.8	63.8	63.8	63.9	63.9	63.9	64.0
GE 12000	51.1	58.0	61.6	63.4	64.4	64.5	64.6	64.7	64.7	64.8	64.8	64.8	64.9	64.9	64.9	65.0
GE 10000	53.5	60.9	64.7	66.5	67.6	67.8	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.2	68.2
GE 9000	53.8	61.2	65.0	66.9	68.0	68.1	68.2	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.6
GE 8000	58.2	66.4	70.5	72.6	73.8	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.4
GE 7000	58.9	67.3	71.5	73.6	74.8	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.4
GE 6000	59.4	67.7	72.0	74.1	75.3	75.5	75.6	75.7	75.7	75.8	75.8	75.8	75.9	75.9	75.9	76.0
GE 5000	60.8	69.5	73.9	76.1	77.4	77.5	77.7	77.8	77.8	77.8	77.9	77.9	77.9	77.9	78.0	78.0
GE 4500	61.3	70.0	74.6	76.8	78.1	78.2	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.7	78.7	78.8
GE 4000	63.2	72.3	77.1	79.4	80.8	80.9	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.5	81.5
GE 3500	64.1	73.5	78.4	80.9	82.3	82.5	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.1
GE 3000	65.8	75.5	80.7	83.3	85.0	85.2	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.8	85.8	85.9
GE 2500	66.4	76.4	81.7	84.4	86.2	86.4	86.7	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.1	87.1
GE 2000	67.5	77.7	83.3	86.1	88.0	88.3	88.7	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.1	89.1
GE 1800	67.6	77.9	83.6	86.4	88.4	88.6	89.0	89.2	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.5
GE 1500	68.1	78.7	84.5	87.6	89.6	89.9	90.3	90.5	90.5	90.6	90.7	90.7	90.7	90.8	90.8	90.9
GE 1200	68.6	79.5	85.6	88.9	91.2	91.5	92.0	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.6
GE 1000	68.8	79.8	86.1	89.5	92.0	92.4	93.0	93.2	93.2	93.4	93.4	93.4	93.5	93.5	93.6	93.6
GE 900	68.9	80.1	86.4	90.0	92.6	93.0	93.7	94.0	94.0	94.1	94.2	94.2	94.3	94.3	94.3	94.4
GE 800	69.1	80.3	86.7	90.4	93.2	93.7	94.5	94.8	94.9	95.0	95.1	95.1	95.2	95.2	95.3	95.3
GE 700	69.2	80.5	87.0	90.9	93.8	94.4	95.3	95.7	95.7	95.9	96.0	96.0	96.1	96.1	96.1	96.2
GE 600	69.2	80.6	87.2	91.2	94.3	95.0	96.0	96.4	96.5	96.7	96.8	96.8	96.9	96.9	97.0	97.1
GE 500	69.3	80.7	87.4	91.5	94.8	95.5	96.7	97.3	97.3	97.6	97.8	97.8	97.9	98.0	98.0	98.1
GE 400	69.3	80.7	87.5	91.7	95.0	95.8	97.1	97.8	97.8	98.2	98.4	98.4	98.6	98.7	98.7	98.8
GE 300	69.3	80.7	87.5	91.7	95.1	95.8	97.2	98.0	98.0	98.5	98.8	98.8	99.0	99.1	99.1	99.2
GE 200	69.3	80.7	87.5	91.7	95.1	95.9	97.2	98.0	98.1	98.6	98.9	99.0	99.3	99.4	99.5	99.6
GE 100	69.3	80.7	87.5	91.7	95.1	95.9	97.2	98.0	98.1	98.6	99.0	99.0	99.4	99.5	99.7	99.9
GE 000	69.3	80.7	87.5	91.7	95.1	95.9	97.2	98.0	98.1	98.6	99.0	99.0	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 41942

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: JAN 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	17.2	29.5	20.0	31.6	1.6	53.3	4.9	610
09-11	13.2	30.7	21.5	33.3	1.3	56.1	6.5	615
12-14	9.9	31.9	25.9	31.5	.8	58.2	6.2	615
15-17	10.2	32.5	26.4	29.8	1.2	57.3	5.6	607
18-20	17.4	30.8	20.0	28.9	2.9	51.8	4.8	585
21-23	28.5	24.4	12.2	31.6	3.4	47.2	3.9	386
ALL HOURS	15.2	30.3	21.6	31.1	1.8	54.4	5.4	3418

MONTH: FEB HOURS: ALL

00-02								0
03-05								0
06-08	16.9	23.3	21.2	35.0	3.7	59.8	5.2	575
09-11	10.3	22.7	27.2	37.3	2.4	67.0	4.2	573
12-14	6.5	23.6	30.5	37.7	1.8	69.9	2.3	571
15-17	7.2	23.0	28.6	40.5	.7	69.8	1.9	570
18-20	14.4	22.3	21.6	40.5	1.2	63.3	2.5	570
21-23	22.9	20.3	17.4	35.5	3.9	56.8	1.6	380
ALL HOURS	12.4	22.7	24.8	37.9	2.2	64.9	3.0	3239

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
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	13.0	32.4	17.0	34.7	2.9	54.6	2.4	663
09-11	11.5	26.1	26.4	35.6	.5	62.4	2.4	663
12-14	8.7	29.6	27.3	34.2	.2	61.7	1.4	663
15-17	7.2	30.2	31.2	31.4		62.6	1.7	663
18-20	15.2	29.0	24.7	30.9	.2	55.8	1.2	663
21-23	29.3	23.0	12.0	34.8	.9	47.7	1.1	440
ALL HOURS	13.3	28.7	23.8	33.5	.7	58.1	1.7	3755

MONTH: APR HOURS: ALL

00-02								0
03-05								0
06-08	17.4	29.9	24.5	25.7	2.5	52.6	2.3	642
09-11	12.3	34.4	23.1	29.6	.6	53.3	1.7	642
12-14	7.5	34.3	31.1	26.6	.5	58.2	.9	639
15-17	5.8	34.2	34.4	24.8	.8	60.0	.2	640
18-20	8.5	39.9	24.8	25.4	1.4	51.6	.6	637
21-23	22.0	32.7	18.5	25.6	1.2	45.3	.5	422
ALL HOURS	11.7	34.3	26.5	26.3	1.2	54.0	1.1	3622

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: MAY 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	12.8	26.0	31.6	27.7	1.9	61.2	3.4	639
09-11	8.5	32.7	29.1	29.7		58.8	.3	639
12-14	4.4	36.0	34.7	24.9		59.6		639
15-17	3.9	36.5	34.1	25.5		59.6	.9	639
18-20	7.0	34.0	33.6	25.4		59.0	1.1	639
21-23	16.0	31.8	24.2	28.0		52.2		425
ALL HOURS	8.3	32.9	31.7	26.8	.3	58.8	1.0	3620

MONTH: JUN HOURS: ALL

00-02								0
03-05								0
06-08	8.4	44.3	28.6	18.2	.5	47.3	5.3	643
09-11	6.0	45.6	29.7	18.8		48.5	3.8	654
12-14	2.8	45.8	34.9	16.5		51.5	3.2	653
15-17	3.9	39.8	37.9	18.3	.2	56.4	4.5	649
18-20	6.4	38.3	32.1	22.8	.3	55.2	2.0	639
21-23	13.3	41.6	20.6	24.5		45.0	1.2	412
ALL HOURS	6.4	42.6	31.3	19.6	.2	51.0	3.5	3651

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: JUL 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	8.1	35.9	38.6	17.4		56.0	9.9	627
09-11	6.3	36.0	38.2	19.5		57.7	11.6	636
12-14	1.4	40.8	39.8	18.0		57.8	14.8	633
15-17	1.0	42.1	37.8	18.8	.3	56.9	13.8	629
18-20	4.0	35.9	38.8	21.3		60.1	10.6	621
21-23	9.8	37.9	29.9	22.4		52.3	11.1	398
ALL HOURS	4.8	38.1	37.7	19.4	.1	57.1	12.0	3544

MONTH: AUG HOURS: ALL

00-02								0
03-05								0
06-08	7.0	40.0	32.7	20.0	.3	53.0	13.6	670
09-11	5.8	37.5	37.2	19.5		56.7	10.4	672
12-14	1.0	38.7	42.5	17.6	.1	60.3	11.1	675
15-17	2.1	40.1	39.9	18.0		57.9	11.1	674
18-20	4.5	42.5	33.8	19.3		53.1	9.4	669
21-23	13.2	45.3	18.4	23.1		41.5	5.2	446
ALL HOURS	5.1	40.4	35.0	19.4	.1	54.5	10.4	3806

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
MONTH: SEP 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	11.1	37.1	30.9	20.6	.3	51.8	11.9	606
09-11	7.8	39.4	32.2	20.6		52.8	7.8	606
12-14	2.3	44.2	36.6	16.8		53.5	6.3	606
15-17	3.5	42.9	36.8	16.8		53.6	6.4	606
18-20	9.9	45.0	28.5	16.6		45.0	5.1	604
21-23	18.9	43.5	19.9	17.7		37.6	5.0	402
ALL HOURS	8.3	42.0	31.5	18.2	.1	49.7	7.2	3430

MONTH: OCT HOURS: ALL

00-02								0
03-05								0
06-08	14.6	37.6	22.4	23.5	2.0	47.9	6.4	639
09-11	15.5	33.8	28.8	21.9		50.7	3.8	639
12-14	7.8	42.1	28.5	21.6		50.1	1.1	639
15-17	6.4	44.0	29.8	19.8		49.6	.8	637
18-20	15.5	40.9	25.6	18.1		43.7	.5	634
21-23	28.0	33.6	15.2	23.2		38.4	1.2	422
ALL HOURS	13.8	38.9	25.6	21.2	.4	47.2	2.4	3610

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02								0
03-05								0
06-08	16.7	33.3	21.5	23.1	5.4	50.0	7.0	558
09-11	13.4	30.6	31.0	22.6	2.3	55.9	4.8	558
12-14	11.0	31.2	32.7	25.0	.2	57.8	2.9	557
15-17	9.7	33.7	33.3	23.2		56.6	2.5	555
18-20	20.7	35.8	18.7	24.3	.5	43.5	1.1	556
21-23	28.6	27.3	19.7	23.5	.8	44.1	1.4	370
ALL HOURS	16.0	32.3	26.5	23.6	1.6	51.7	3.4	3154

MONTH: DEC HOURS: ALL

00-02								0
03-05								0
06-08	14.5	28.2	20.4	34.3	2.6	57.3	6.4	574
09-11	10.0	26.1	30.6	31.9	1.5	63.9	5.3	618
12-14	7.6	27.4	31.7	31.5	1.8	65.0	2.5	609
15-17	5.5	31.1	29.2	33.8	.4	63.3	2.9	559
18-20	16.1	30.8	17.6	34.2	1.4	53.2	1.4	442
21-23	23.7	23.7	19.9	31.3	1.4	52.6	1.4	291
ALL HOURS	11.7	28.1	25.8	32.9	1.5	60.2	3.6	3093

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
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								0
06-08	13.0	33.3	25.9	25.9	1.9	53.7	6.6	7446
09-11	10.0	33.1	29.6	26.6	.7	56.9	5.2	7515
12-14	5.8	35.6	33.1	25.0	.4	58.5	4.4	7499
15-17	5.5	36.0	33.4	24.9	.3	58.5	4.4	7428
18-20	11.4	35.7	27.1	25.3	.6	53.0	3.4	7259
21-23	21.0	32.5	18.9	26.6	.9	46.5	2.8	4795
ALL HOURS	10.5	34.5	28.6	25.7	.8	55.1	4.6	41942

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

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PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

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

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

MONTHLY TEMPERATURES.

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

MEAN MONTHLY TEMPERATURE.

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

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

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

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

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

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

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

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

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

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

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

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

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

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 6011-7004,7101-9012
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
95						2.1	4.6	3.7	.5				.9
90				.6	3.1	13.3	28.6	22.4	6.8				6.2
85			.1	4.6	12.6	43.4	63.4	58.3	26.4	1.8			17.5
80		.1	2.9	13.3	32.2	70.6	88.8	83.6	50.6	9.9	1.7		29.3
75	.1	1.9	8.7	23.1	53.1	87.7	98.7	96.3	74.6	27.5	7.4	.6	39.8
70	2.2	4.6	16.2	39.2	74.9	96.6	99.7	99.7	92.3	51.5	20.8	4.2	49.9
65	5.6	11.5	27.9	59.2	89.6	99.2	100.0	100.0	98.1	72.7	37.4	11.1	59.1
60	14.0	19.7	41.9	76.2	97.3	100.0			99.9	88.0	54.6	21.1	67.5
55	23.8	30.4	59.0	90.2	99.9				100.0	96.9	71.4	33.1	75.3
50	36.9	43.2	76.4	97.6	100.0					99.4	86.9	50.9	82.5
45	52.8	61.0	90.3	99.8						100.0	96.0	69.9	89.1
40	69.8	78.7	96.5	99.9							99.5	84.3	94.0
35	83.8	91.4	99.6	100.0							99.9	93.8	97.4
33	88.9	94.9	99.9								99.9	96.7	98.3
30	94.6	98.3	100.0								100.0	98.9	99.3
25	98.3	99.6										99.7	99.8
20	99.6	99.9										100.0	100.0
15	100.0	100.0											100.0
MEAN	46.0	49.0	57.9	67.1	75.1	82.7	86.2	85.1	79.4	69.4	60.7	50.3	67.3
SD	11.24	11.33	10.97	9.86	7.92	6.56	5.25	5.58	6.90	7.91	9.55	10.40	16.53
TOTAL OBS	808	746	832	806	786	775	779	794	749	777	756	791	9399

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 6011-7004,7101-9012
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 80						.4	1.7	.6	.3				.2
GE 75					.1	5.9	28.0	24.2	5.9	.3			5.4
GE 70				.2	4.8	40.1	74.1	65.6	29.2	2.4			17.9
GE 65			.4	2.5	22.9	68.1	91.3	88.5	54.5	11.8	1.6	.1	28.3
GE 60	.1	.7	3.4	11.7	49.9	89.2	99.1	97.4	75.4	26.5	6.0	.9	38.1
GE 55	1.5	3.1	7.1	24.9	72.6	97.5	100.0	99.7	91.9	45.4	15.2	2.4	46.5
GE 50	3.7	6.6	17.1	47.3	89.1	99.6		99.9	98.0	66.4	27.5	8.0	55.0
GE 45	8.5	12.6	33.4	71.3	98.1	100.0		100.0	99.7	85.2	46.2	18.5	64.3
GE 40	20.4	23.2	56.5	90.2	99.9				100.0	93.8	68.8	34.5	73.8
GE 35	36.6	43.0	77.3	98.0	100.0					98.5	87.4	52.3	82.7
GE 33	43.9	54.2	85.3	99.3						99.2	91.7	60.6	86.1
GE 30	55.8	68.2	94.7	100.0						100.0	97.1	7.2	90.8
GE 25	78.3	85.9	99.3								99.7	91.0	96.2
GE 20	90.7	95.0	99.9								100.0	98.4	98.7
GE 15	96.8	99.1	100.0									99.5	99.6
GE 10	99.4	99.9										100.0	99.9
GE 5	99.9	100.0											100.0
GE 0	100.0												100.0
MEAN	31.6	33.8	41.4	49.3	58.7	67.0	71.8	70.8	64.7	53.4	44.4	36.0	51.8
SD	9.38	9.22	8.44	7.73	6.90	5.77	4.52	4.97	6.97	8.75	8.86	9.16	16.01
TOTAL OBS	808	746	832	806	786	775	779	794	749	777	756	791	9399

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 6011-7004,7101-9012
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
90								.1					.0
85						2.3	10.9	8.8	1.3				1.9
80				.1	1.8	24.6	51.9	44.0	13.5	.4			11.3
75			.1	2.5	15.3	57.2	82.3	77.6	38.5	4.1			23.0
70		.3	2.6	10.9	40.1	83.0	98.2	95.3	65.8	15.8	2.6	.4	34.4
65	.4	1.9	7.3	23.4	64.0	95.5	100.0	99.4	86.6	38.4	10.7	1.1	43.8
60	2.8	5.4	16.2	43.5	85.6	99.6		100.0	98.1	60.0	22.6	5.3	53.0
55	6.4	10.7	29.7	66.0	96.9	100.0			99.7	82.6	41.5	13.0	62.0
50	15.3	20.1	47.5	87.2	99.9				100.0	93.7	61.6	25.3	70.7
45	27.7	34.7	70.1	97.3	100.0					99.0	83.7	43.2	79.6
40	46.4	55.2	88.2	99.5							94.2	64.2	87.3
35	66.5	76.7	97.2	100.0							99.5	83.1	93.6
33	74.4	82.8	99.0								99.7	89.3	95.4
30	83.0	91.3	99.9								99.9	94.3	97.4
25	94.2	97.9	100.0								100.0	99.1	99.3
20	98.5	99.6										99.7	99.8
15	99.6	100.0										100.0	100.0
10	100.0												100.0
MEAN	39.1	41.7	49.9	58.5	67.2	75.1	79.2	78.2	72.3	61.6	52.8	43.4	59.8
SD	9.79	9.70	9.10	8.15	6.79	5.70	4.44	4.85	6.41	7.65	8.59	9.24	15.97
TOTAL OBS	808	746	832	806	786	775	779	794	749	777	756	791	9399

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 6011-7004,7101-9012
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60											76	71	76*
61	60	76	84	89	91	96	96	92	95	83	80	66	96
62	66	72	77	85	93	93	90	94	92	86	69	62	94
63	68	68	79	90	92	93	93	93	87	80	71	63	93
64	66	66	81	86	91	99	93	90	89	77	80	73	99
65	72	71	70	82	91	92	92	94	92	79	77	70	94
66	73	67	81	84	87	93	96	93	90	81	75	74	96
67	72	68	78	87	87	91	90	90	83	83	72	70	91
68	65	59	85	80	88	96	98	98	89	88	82	69	98
69	65	57	74	85	94	95	96	92	91	80	72	64	96
70	75	66	70	86									86*
71	67	72	76	85	90	97	94	91	91	84	80	76	97
72	69	79	80	89	85	89	96	92	90	82	83	73	96
73	69	65	81	82	87	90	93	94	91	86	79	71	94
74	74	67	80	89	90	91	94	93	90	84	84	68	94
75	74	76	83	84	89	93	91	96	88	86	81	71	96
76	70	79	82	90	86	91	96	92	93	83	70	60	96
77	32	81	77	87	91	93	98	97	89	86	76	68	98
78	63	65	74	85	88	95	97	95	93	81	76	76	97
79	66	57	84	84	87	86*	89*	95*	91*	82*	76*	67*	95*
80	64*	67*	71*	76*	86*	94*	97*	99*	96*	82*	69*	68*	99*
81	61*	68*	77*	86*	85*	97*	93*	93*	87*	85*	74*	67*	97*
82	65*	60*	76*	74*	83*	88*	91*	96*	84*	80*	78*	70*	96*
83	60*	69*	77*	83*	80*	90*	96*	99*	96*	84*	71*	67*	99*
84	61*	70*	72*	80*	85*	89*	91*	89*	86*	83*	76*	74*	91*
85	72*	67*	81*	91*	86*	88*	91*	93*	93*	88*	78*	72*	93*
86	63*	63*	79*	80*	91*	94*	95*	89*	90*	89*	70*	64*	95*
87	62*	58*	73*	71*	90*	90*	95*	97*	88*	76*	77*	68*	97*
88	55*	70*	74*	81*	89*	94*	94*	94*	88*	77*	73*	70*	94*
89	63*	78*	83*	83*	90*	93*	97*	93*	93*	82*	75*	65*	97*
90	72*	73*	82*	90*	84*	95*	95*	93*	94*	85*	76*	70*	95*

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 6011-7004,7101-9012
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	75	81	85	91	94	99	98	99	96	89	84	76	99
TOTAL OBS	808	746	832	806	786	775	779	794	749	777	756	791	9399

THE GREATEST VALUE OF 99 OCCURRED ON 06/10/64

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723087

STATION NAME: FORT RUSTIS/FELKER AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 6011-7004,7101-9012
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60											32	13	13*
61	15	13	28	35	44	51	63	60	49	36	32	21	13
62	10	17	23	33	46	54	59	60	45	32	28	13	10
63	14	14	29	43	40	56	58	56	44	34	31	17	14
64	17	26	30	30	47	52	63	57	51	35	25	23	17
65	11	11	26	30	50	49	58	53	51	32	31	24	11
66	12	21	27	36	37	51	59	61	49	32	29	20	12
67	19	15	19	37	43	45	58	63	46	32	23	24	15
68	14	16	27	36	44	57	65	57	55	35	29	20	14
69	17	24	26	37	43	63	69	61	50	33	26	22	17
70	9	15	27	36									9*
71	19	15	31	39	46	61	65	62	55	48	29	23	15
72	8	21	29	34	51	54	61	58	54	38	27	25	8
73	14	14	27	34	46	63	62	65	58	40	32	21	14
74	24	23	30	36	45	56	61	63	50	34	25	30	23
75	21	25	26	34	49	61	64	66	52	39	37	19	19
76	16	27	27	36	43	55	63	57	52	34	24	20	16
77	5	19	34	33	45	55	60	57	55	36	30	21	5
78	16	19	25	43	44	56	59	66	52	40	41	25	16
79	20	9	27	40	47	50*	61*	60*	58*	41*	29*	23*	9*
80	26*	17*	27*	38*	47*	55*	63*	59*	58*	33*	30*	20*	17*
81	9*	20*	26*	40*	48*	58*	60*	58*	51*	35*	30*	19*	9*
82	13*	26*	28*	30*	47*	59*	61*	49*	52*	38*	31*	25*	13*
83	23*	27*	34*	35*	46*	56*	60*	59*	44*	44*	37*	22*	22*
84	19*	25*	29*	41*	47*	56*	65*	61*	52*	45*	35*	30*	19*
85	4*	23*	30*	37*	49*	53*	64*	64*	54*	48*	44*	17*	4*
86	15*	21*	28*	41*	52*	58*	67*	55*	52*	43*	28*	27*	15*
87	14*	24*	27*	34*	46*	59*	64*	66*	55*	37*	32*	29*	14*
88	18*	30*	29*	39*	44*	56*	62*	63*	57*	37*	35*	24*	18*
89	25*	25*	30*	33*	46*	64*	71*	65*	50*	44*	34*	13*	13*
90	27*	22*	28*	38*	52*	57*	66*	70*	49*	40*	34*	34*	22*

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 6011-7004,7101-9012
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	4	9	19	30	37	45	58	49	44	32	23	13	4
TOTAL OBS	808	746	832	806	786	775	779	794	749	777	756	791	9399

THE LEAST VALUE OF 4 OCCURRED ON 01/21/85

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: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: +05

PERIOD OF RECORD: 6011-7004,7101-9012
MONTH: ALL HOURS: ALL

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

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 6011-7004,7101-9012
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	39.1	41.7	49.9	58.5	67.2	75.1	79.2	78.2	72.3	61.6	52.8	43.4	59.8
TOTAL OBS	808	746	832	806	786	775	779	794	749	777	756	791	9399

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: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	35.3	9.357	610	0	226	0	0	0	610
09-11	39.2	9.512	615	0	147	4	0	0	615
12-14	43.6	10.335	615	0	93	12	0	0	615
15-17	44.3	10.036	607	0	88	13	0	0	607
18-20	40.4	9.332	585	0	130	3	0	0	585
21-23	38.3	9.202	386	0	107	0	0	0	386
ALL HOURS	40.3	10.137	3418	0	791	32	0	0	3418

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	39.8	9.298	575	0	119	4	0	0	575
09-11	44.2	9.204	573	0	36	12	0	0	573
12-14	48.3	10.150	571	0	10	57	0	0	571
15-17	49.1	10.280	570	0	8	60	0	0	570
18-20	45.2	9.584	570	0	42	17	0	0	570
21-23	42.8	9.506	380	0	49	8	0	0	380
ALL HOURS	45.0	10.235	3239	0	264	158	0	0	3239

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	45.2	9.310	663	0	44	16	0	0	663
09-11	50.8	10.257	663	0	14	82	0	0	663
12-14	55.2	11.221	663	0	9	147	11	0	663
15-17	55.9	11.054	663	0	4	146	11	0	663
18-20	51.7	10.079	663	0	10	88	0	0	663
21-23	48.8	9.608	440	0	13	26	0	0	440
ALL HOURS	51.4	10.927	3755	0	94	505	22	0	3755

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	52.6	7.822	642	0	3	40	0	0	642
09-11	59.1	8.628	642	0	0	152	9	0	642
12-14	63.3	9.818	639	0	0	279	43	0	639
15-17	64.2	9.926	640	0	0	307	51	0	640
18-20	59.8	9.062	637	0	0	191	14	0	637
21-23	56.0	8.399	422	0	0	70	0	0	422
ALL HOURS	59.4	9.880	3622	0	3	1039	117	0	3622

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	63.2	6.477	639	0	0	286	2	0	639
09-11	68.8	7.045	639	0	0	459	43	0	639
12-14	72.8	7.917	639	0	0	538	138	2	639
15-17	73.4	8.127	639	0	0	558	160	2	639
18-20	68.8	7.901	639	0	0	449	67	0	639
21-23	64.9	7.459	425	0	0	223	9	0	425
ALL HOURS	68.9	8.339	3620	0	0	2513	419	4	3620

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	.0	.000	0	0	0	0	0	0	0
06-08	71.1	4.853	643	0	0	573	15	0	643
09-11	76.9	5.510	654	0	0	637	241	0	654
12-14	80.6	6.064	654	0	0	645	408	5	654
15-17	80.6	6.557	649	0	0	639	388	10	649
18-20	76.0	6.244	639	0	0	618	193	0	639
21-23	72.0	5.781	413	0	0	368	42	0	413
ALL HOURS	76.5	6.948	3652	0	0	3480	1287	15	3652

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	76.1	3.929	627	0	0	622	125	0	627
09-11	81.5	4.538	636	0	0	636	440	0	636
12-14	85.0	5.404	633	0	0	633	529	32	633
15-17	85.1	5.722	629	0	0	629	512	49	629
18-20	81.0	5.019	621	0	0	621	368	6	621
21-23	77.4	4.221	398	0	0	398	126	0	398
ALL HOURS	81.3	5.882	3544	0	0	3539	2100	87	3544

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	74.3	4.286	670	0	0	652	63	0	670
09-11	79.6	4.596	672	0	0	668	385	1	672
12-14	83.1	5.429	675	0	0	671	520	23	675
15-17	82.8	5.437	674	0	0	671	509	22	674
18-20	78.5	5.116	669	0	0	663	299	2	669
21-23	75.2	4.718	446	0	0	438	76	0	446
ALL HOURS	79.2	6.033	3806	0	0	3763	1852	48	3806

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	68.1	6.473	606	0	0	419	8	0	606
09-11	74.1	6.501	606	0	0	566	128	0	606
12-14	77.6	7.206	606	0	0	585	245	12	606
15-17	77.3	7.157	606	0	0	593	239	14	606
18-20	72.0	7.088	604	0	0	508	92	0	604
21-23	69.2	7.271	402	0	0	289	29	0	402
ALL HOURS	73.3	7.799	3430	0	0	2960	741	26	3430

MONTH: OCT

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	58.4	8.246	639	0	0	172	0	0	639
09-11	64.7	7.518	639	0	0	310	13	0	639
12-14	68.9	7.863	639	0	0	426	63	0	639
15-17	68.4	7.795	637	0	0	419	56	0	637
18-20	62.7	8.141	633	0	0	267	8	0	633
21-23	60.1	8.596	422	0	0	145	0	0	422
ALL HOURS	64.1	8.923	3609	0	0	1739	140	0	3609

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	C	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	50.2	9.015	558	0	5	36	0	0	558
09-11	55.8	8.436	558	0	1	106	0	0	558
12-14	60.3	8.907	557	0	0	200	0	0	557
15-17	59.8	8.803	555	0	0	191	0	0	555
18-20	54.6	8.923	556	0	1	100	0	0	556
21-23	52.4	9.146	370	0	2	51	0	0	370
ALL HOURS	55.7	9.552	3154	0	9	684	0	0	3154

MONTH: DEC

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	41.1	9.609	574	0	111	6	0	0	574
09-11	44.8	9.340	618	0	53	11	0	0	618
12-14	48.8	9.695	609	0	30	36	0	0	609
15-17	49.4	9.720	559	0	28	38	0	0	559
18-20	46.5	9.174	442	0	24	17	0	0	442
21-23	44.7	9.056	291	0	24	4	0	0	291
ALL HOURS	46.0	9.951	3093	0	270	112	0	0	3093

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: PORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	56.7	15.640	7446	0	508	2826	213	0	7446
09-11	62.0	16.182	7515	0	251	3643	1259	1	7515
12-14	66.0	16.311	7500	0	142	4229	1957	74	7500
15-17	66.3	16.037	7428	0	128	4264	1926	97	7428
18-20	62.2	15.498	7258	0	207	3542	1041	8	7258
21-23	59.1	14.938	4795	0	195	2020	282	0	4795
ALL HOURS	62.2	16.207	41942	0	1431	20524	6678	180	41942

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	32.2	9.513	610	312	27	0	0	0	610
09-11	35.1	9.579	615	238	37	0	0	0	615
12-14	37.7	9.810	615	179	61	3	0	0	615
15-17	38.1	9.505	607	173	62	2	0	0	607
18-20	35.8	9.206	585	203	45	0	0	0	585
21-23	34.6	9.248	386	163	29	0	0	0	386
ALL HOURS	35.6	9.704	3418	1268	261	5	0	0	3418

MONTH: FEB

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	36.8	9.800	575	239	74	0	0	0	575
09-11	39.7	9.631	573	139	96	1	0	0	573
12-14	42.0	9.765	571	90	131	7	0	0	571
15-17	42.5	9.688	570	78	133	0	0	0	570
18-20	40.3	9.668	570	127	103	0	0	0	570
21-23	38.8	9.765	380	108	57	0	0	0	380
ALL HOURS	40.1	9.888	3239	781	594	4	0	0	3239

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

BOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	41.6	9.569	663	123	149	1	0	0	663
09-11	45.0	9.869	663	54	194	13	0	0	663
12-14	47.3	9.785	663	35	247	31	0	0	663
15-17	47.6	9.363	663	34	244	26	0	0	663
18-20	45.3	9.218	663	51	202	6	0	0	663
21-23	43.9	9.306	440	42	114	0	0	0	440
ALL BOURS	45.2	9.767	3755	339	1150	77	0	0	3755

MONTH: APR

BOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	48.4	8.161	642	15	276	8	0	0	642
09-11	51.8	8.515	642	9	359	24	5	0	642
12-14	53.6	8.598	639	4	421	50	8	0	639
15-17	53.9	8.401	640	0	433	43	8	0	640
18-20	52.2	8.231	637	2	372	27	0	0	637
21-23	50.6	8.256	422	5	208	12	0	0	422
ALL BOURS	51.8	8.546	3622	35	2069	164	21	0	3622

E - 5 - 2 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: PORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	59.3	6.843	639	0	573	96	4	0	639
09-11	62.0	7.075	639	0	608	189	43	0	639
12-14	63.6	7.224	639	0	622	264	68	1	639
15-17	63.7	7.057	639	0	629	251	55	0	639
18-20	61.8	6.898	639	0	621	183	38	0	639
21-23	60.1	7.026	425	0	395	93	12	0	425
ALL HOURS	61.9	7.221	3620	0	3448	1076	220	1	3620

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	.0	.000	0	0	0	0	0	0	0
06-08	66.6	5.429	643	0	643	349	102	0	643
09-11	69.1	5.877	654	0	654	443	221	5	654
12-14	70.2	6.117	654	0	654	460	267	25	654
15-17	70.1	6.061	649	0	649	473	260	26	649
18-20	68.4	5.887	639	0	639	408	178	7	639
21-23	67.0	6.069	413	0	413	239	87	1	413
ALL HOURS	68.7	6.056	3652	0	3652	2372	1115	64	3652

E - 5 - 2 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURLS LST	MEAN	STANDARD	TOTAL	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
		DEVIATION	OBS	LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	71.5	3.896	627	0	627	562	286	1	627
09-11	73.8	4.072	636	0	636	603	416	37	636
12-14	74.8	4.340	633	0	633	605	450	87	633
15-17	74.7	4.265	629	0	629	611	430	78	629
18-20	73.4	4.168	621	0	621	588	368	37	621
21-23	72.1	3.927	398	0	398	365	195	5	398
ALL HOURS	73.5	4.315	3544	0	3544	3334	2145	245	3544

MONTH: AUG

HOURLS LST	MEAN	STANDARD	TOTAL	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
		DEVIATION	OBS	LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	70.5	4.461	670	0	670	560	255	0	670
09-11	72.7	4.443	672	0	672	610	401	15	672
12-14	73.7	4.705	675	0	675	631	439	37	675
15-17	73.4	4.435	674	0	674	627	425	28	674
18-20	72.1	4.417	669	0	669	592	353	7	669
21-23	70.9	4.560	446	0	446	377	194	0	446
ALL HOURS	72.3	4.631	3806	0	3806	3397	2067	87	3806

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: PORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURLS 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	64.1	6.704	606	0	599	243	70	0	606
09-11	66.9	6.547	606	0	606	331	139	4	606
12-14	68.0	6.707	606	0	606	369	179	14	606
15-17	67.8	6.640	606	0	606	350	182	11	606
18-20	66.0	6.791	604	0	599	282	126	1	604
21-23	64.7	7.052	402	0	396	177	56	0	402
ALL HOURS	66.3	6.892	3430	0	3412	1752	752	30	3430

MONTH: OCT

HOURLS 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	54.5	8.694	639	0	433	59	1	0	639
09-11	58.1	7.948	639	0	538	112	19	0	639
12-14	59.6	7.889	639	0	570	151	39	0	639
15-17	59.4	7.861	637	0	567	143	35	0	637
18-20	57.0	8.418	633	0	494	93	17	0	633
21-23	55.6	8.724	422	0	295	55	2	0	422
ALL HOURS	57.5	8.442	3609	0	2897	613	113	0	3609

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	46.8	9.338	558	30	216	7	0	0	558
09-11	50.1	8.875	558	8	278	13	0	0	558
12-14	52.3	8.871	557	0	321	37	0	0	557
15-17	51.9	8.814	555	0	312	30	0	0	555
18-20	49.3	9.157	556	10	253	10	0	0	556
21-23	48.0	9.412	370	8	149	4	0	0	370
ALL HOURS	49.8	9.227	3154	56	1529	101	0	0	3154

MONTH: DEC

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	37.6	9.743	574	188	72	0	0	0	574
09-11	40.2	9.498	618	106	112	0	0	0	618
12-14	42.6	9.385	609	74	137	0	0	0	609
15-17	43.1	9.538	559	66	132	0	0	0	559
18-20	41.8	9.311	442	66	93	0	0	0	442
21-23	40.4	9.133	291	57	51	0	0	0	291
ALL HOURS	41.0	9.644	3093	557	597	0	0	0	3093

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	52.9	15.462	7446	907	4359	1885	718	1	7446
09-11	55.7	15.268	7515	554	4790	2339	1244	61	7515
12-14	57.4	14.833	7500	382	5078	2604	1450	164	7500
15-17	57.6	14.535	7428	351	5070	2556	1395	143	7428
18-20	55.9	14.667	7258	459	4711	2189	1080	52	7258
21-23	54.5	14.719	4795	383	2951	1322	546	6	4795
ALL HOURS	55.7	15.024	41942	3036	26959	12895	6433	427	41942

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	26.0	12.955	610	332	114	603	0	610
09-11	27.5	13.509	615	290	151	603	0	615
12-14	28.2	13.857	615	282	168	598	3	615
15-17	28.1	13.581	607	278	156	588	3	607
18-20	27.8	12.874	585	288	133	567	0	585
21-23	27.8	12.502	386	188	91	374	0	386
ALL HOURS	27.5	13.303	3418	1658	813	3333	6	3418

MONTH: FEB

00-02	.0	.000	0	0	0	0	0	571
03-05	.0	.000	0	0	0	0	0	571
06-08	31.5	12.906	575	234	192	558	3	571
09-11	32.8	13.330	573	199	200	540	3	571
12-14	33.2	13.569	571	193	212	534	3	571
15-17	33.3	13.616	570	195	210	520	3	571
18-20	33.0	13.119	570	199	196	532	3	571
21-23	32.8	12.786	380	135	131	361	2	571
ALL HOURS	32.8	13.267	3239	1155	1141	3045	17	3239

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91
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	36.5	11.996	663	164	315	609	0	663
09-11	37.9	12.641	663	147	340	591	3	663
12-14	38.3	12.526	663	138	351	591	6	663
15-17	38.1	12.153	663	134	349	590	4	663
18-20	37.7	11.930	663	121	347	599	1	663
21-23	37.7	11.967	440	78	218	393	0	440
ALL HOURS	37.7	12.248	3755	782	1920	3373	14	3755

MONTH: APR

00-02	.0	.000	0	0	0	0	0	639
03-05	.0	.000	0	0	0	0	0	639
06-08	43.9	10.533	642	36	491	558	11	639
09-11	44.4	11.826	642	47	474	521	18	639
12-14	44.4	11.787	639	45	474	508	27	639
15-17	44.2	11.631	640	45	471	525	30	639
18-20	44.7	11.042	637	28	496	520	25	639
21-23	45.2	10.589	422	13	341	341	12	639
ALL HOURS	44.4	11.304	3622	214	2747	2973	123	3622

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	56.3	8.612	639	0	630	258	110	639
09-11	57.1	9.703	639	0	624	239	160	639
12-14	57.3	9.991	639	0	627	249	191	639
15-17	57.0	9.812	639	0	628	253	170	639
18-20	56.8	8.801	639	0	636	266	143	639
21-23	56.7	8.249	425	0	422	187	81	425
ALL HOURS	56.9	9.293	3620	0	3567	1452	855	3620

MONTH: JUN

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	654
03-05	.0	.000	0	0	0	0	0	654
06-08	63.9	6.926	643	0	643	92	322	654
09-11	64.7	7.738	654	0	654	96	362	654
12-14	64.5	8.245	654	0	654	109	351	654
15-17	64.3	8.358	649	0	649	118	346	654
18-20	64.0	7.745	639	0	639	101	322	654
21-23	64.0	7.399	413	0	413	58	217	654
ALL HOURS	64.4	7.812	3652	0	3652	574	1920	3652

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	69.1	4.918	627	0	627	4	508	627
09-11	70.2	5.375	636	0	636	10	544	636
12-14	70.2	5.808	633	0	633	12	523	633
15-17	69.9	5.765	629	0	629	13	516	629
18-20	69.8	5.539	621	0	621	9	517	621
21-23	69.5	4.973	398	0	398	4	334	398
ALL HOURS	69.8	5.472	3544	0	3544	52	2942	3544

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	675
03-05	.0	.000	0	0	0	0	0	675
06-08	68.6	5.304	670	0	670	20	541	675
09-11	69.4	5.778	672	0	672	18	543	675
12-14	69.1	6.136	675	0	675	24	533	675
15-17	68.8	5.903	674	0	674	24	534	675
18-20	68.9	5.455	669	0	669	16	540	675
21-23	68.8	5.332	446	0	446	13	363	675
ALL HOURS	68.9	5.723	3806	0	3806	115	3054	3806

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	61.6	7.781	606	0	606	151	241	606
09-11	62.6	8.289	606	0	606	120	281	606
12-14	62.4	8.777	606	0	606	138	287	606
15-17	62.1	8.724	606	0	605	143	276	606
18-20	62.2	8.174	604	0	601	134	255	604
21-23	61.9	8.052	402	0	400	99	170	402
ALL HOURS	62.1	8.375	3430	0	3424	785	1510	3430

MONTH: OCT

00-02	.0	.000	0	0	0	0	0	639
03-05	.0	.000	0	0	0	0	0	639
06-08	51.1	10.331	639	0	592	394	69	639
09-11	52.6	10.366	639	0	598	361	90	639
12-14	52.3	10.876	639	0	590	369	102	639
15-17	52.3	10.864	637	0	584	366	98	639
18-20	52.3	10.378	633	0	597	374	83	639
21-23	51.7	10.340	422	1	395	253	51	639
ALL HOURS	52.1	10.560	3609	1	3356	2117	493	3609

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: PORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	43.0	11.306	558	45	380	472	14	558
09-11	44.2	11.724	558	46	394	437	21	558
12-14	44.3	12.245	557	53	388	431	25	557
15-17	43.9	12.164	555	56	381	435	20	555
18-20	43.7	11.837	556	59	390	440	16	556
21-23	43.1	11.875	370	38	247	302	7	370
ALL HOURS	43.7	11.883	3154	297	2180	2517	103	3154

MONTH: DEC

00-02	.0	.000	0	0	0	0	0	609
03-05	.0	.000	0	0	0	0	0	609
06-08	32.0	12.292	574	221	181	551	0	609
09-11	33.6	12.530	618	195	227	586	0	609
12-14	34.3	12.848	609	196	247	573	0	609
15-17	34.7	13.117	559	178	225	519	0	609
18-20	35.2	12.331	442	139	196	418	0	609
21-23	34.4	11.932	291	96	128	282	0	609
ALL HOURS	34.0	12.632	3093	1025	1204	2929	0	3093

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	49.0	17.699	7446	1032	5441	4270	1819	7446
09-11	50.1	17.885	7515	924	5576	4122	2025	7515
12-14	50.2	17.834	7500	907	5625	4136	2051	7500
15-17	50.2	17.651	7428	886	5561	4094	2000	7428
18-20	50.4	17.295	7258	834	5521	3976	1905	7258
21-23	50.1	17.141	4795	549	3630	2667	1237	4795
ALL HOURS	50.0	17.621	41942	5132	31354	23265	11037	41942

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	98.7	94.1	82.1	67.4	51.5	30.3	11.6	68.4	610
09-11	100.0	100.0	97.4	87.8	71.5	55.3	39.2	23.3	8.9	63.1	615
12-14	100.0	99.8	93.2	74.6	53.3	40.2	25.5	15.9	8.3	55.6	615
15-17	100.0	100.0	89.1	70.7	52.6	36.2	24.1	17.0	6.9	54.3	607
18-20	100.0	100.0	96.6	84.8	69.2	52.1	33.2	20.0	9.1	61.2	585
21-23	100.0	100.0	98.4	91.5	78.2	63.7	42.0	23.6	11.4	65.9	386
ALL HOURS	100.0	100.0	95.4	83.4	67.1	51.8	35.5	21.6	9.2	61.1	3418

MONTH: FEB

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.5	97.7	84.0	76.7	61.9	38.6	15.8	72.1	575
09-11	100.0	100.0	99.0	89.9	74.3	56.2	41.7	28.1	9.4	64.8	573
12-14	100.0	99.6	94.6	76.5	58.1	41.9	32.6	20.8	4.4	57.5	571
15-17	100.0	99.8	90.2	72.8	56.0	43.3	31.4	21.6	8.2	56.8	570
18-20	100.0	100.0	98.1	86.8	72.6	55.1	40.2	24.2	11.6	63.6	570
21-23	100.0	100.0	99.2	91.8	83.9	67.9	49.2	29.7	14.2	68.3	380
ALL HOURS	100.0	99.9	96.6	85.6	70.8	56.2	42.5	27.0	10.4	63.6	3239

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

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	100.0	98.2	87.2	76.6	61.1	38.5	11.8	71.9	663
09-11	100.0	100.0	99.1	91.7	71.9	54.3	37.0	20.4	5.4	62.5	663
12-14	100.0	99.7	96.1	78.4	55.4	36.0	21.6	12.1	5.0	54.8	663
15-17	100.0	100.0	92.3	76.0	54.3	32.4	21.3	13.1	4.2	53.6	663
18-20	100.0	100.0	95.9	88.2	71.0	49.9	32.6	18.3	5.7	60.7	663
21-23	100.0	100.0	92.0	93.0	84.5	67.5	45.2	24.5	8.2	66.6	440
ALL HOURS	100.0	99.9	96.8	87.3	69.9	51.9	35.9	20.9	6.6	61.4	3755

MONTH: APR

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.8	97.5	91.6	80.2	62.0	40.0	15.3	73.3	642
09-11	100.0	99.8	97.5	87.1	69.0	49.8	31.5	16.7	7.6	60.3	642
12-14	100.0	100.0	93.3	74.2	49.1	31.1	19.4	9.4	3.3	52.5	639
15-17	100.0	99.7	89.1	69.5	48.1	29.1	17.3	8.9	3.0	51.0	640
18-20	100.0	99.8	96.7	87.0	69.4	49.1	28.3	15.7	6.4	59.7	637
21-23	100.0	100.0	99.1	95.3	86.5	72.5	49.5	28.0	10.9	68.6	422
ALL HOURS	100.0	99.9	95.7	84.5	67.9	50.8	33.8	19.3	7.6	60.4	3622

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURLS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO							MEAN	TOTAL OBS
	30%	40%	50%	60%	70%	80%	90%				
00-02									.0		0
03-05									.0		0
06-08	100.0	100.0	100.0	99.4	97.0	88.1	78.4	54.6	29.1	79.2	639
09-11	100.0	100.0	99.7	95.1	83.3	68.7	49.9	30.5	10.5	68.2	639
12-14	100.0	100.0	98.4	88.1	70.6	52.0	29.1	15.8	4.9	60.4	639
15-17	100.0	100.0	97.0	84.8	68.2	47.4	26.3	14.7	5.2	58.9	639
18-20	100.0	100.0	99.5	95.8	83.9	68.7	44.8	26.0	10.5	67.6	639
21-23	100.0	100.0	100.0	98.8	96.0	88.5	70.8	45.6	18.8	76.3	425
ALL HOURS	100.0	100.0	99.1	93.4	82.4	67.7	48.6	30.4	12.8	68.0	3620

MONTH: JUN

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	99.8	99.4	91.9	76.7	50.2	23.2	78.8	643
09-11	100.0	100.0	100.0	98.9	91.6	71.9	44.8	15.9	3.8	67.2	654
12-14	100.0	100.0	99.4	94.3	76.1	46.8	21.9	6.3	1.2	59.4	654
15-17	100.0	99.8	99.1	92.8	72.1	46.2	24.0	8.6	4.2	59.3	649
18-20	100.0	100.0	100.0	98.6	86.7	69.2	44.6	23.5	9.2	67.9	639
21-23	100.0	100.0	100.0	100.0	98.5	89.6	71.2	44.8	18.2	76.8	413
ALL HOURS	100.0	100.0	99.7	97.2	86.7	67.9	45.6	23.5	9.4	67.6	3652

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	99.8	96.7	80.2	47.2	21.4	79.6	627
09-11	100.0	100.0	100.0	99.7	97.2	82.5	49.7	15.7	4.1	69.5	636
12-14	100.0	100.0	100.0	98.3	86.3	56.4	24.6	8.8	3.5	62.3	633
15-17	100.0	100.0	100.0	97.9	82.8	52.1	25.4	9.9	4.9	61.8	629
18-20	100.0	100.0	100.0	99.4	94.5	79.1	49.9	23.3	9.5	70.2	621
21-23	100.0	100.0	100.0	100.0	99.2	96.0	75.4	40.2	15.8	77.4	398
ALL HOURS	100.0	100.0	100.0	99.2	92.9	75.9	49.2	23.1	9.5	69.6	3544

MONTH: AUG

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	100.0	97.3	91.3	65.8	28.2	83.0	670
09-11	100.0	100.0	100.0	99.6	97.6	85.7	62.1	21.6	4.2	71.8	672
12-14	100.0	100.0	100.0	98.5	88.6	63.1	32.5	8.3	2.4	64.0	675
15-17	100.0	100.0	100.0	99.4	86.6	59.1	34.6	11.1	3.6	64.1	674
18-20	100.0	100.0	100.0	99.9	97.6	87.7	63.2	27.8	8.5	73.4	669
21-23	100.0	100.0	100.0	100.0	100.0	97.3	88.3	57.0	19.3	80.9	446
ALL HOURS	100.0	100.0	100.0	99.5	94.8	80.7	60.4	30.4	10.5	72.4	3806

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	99.2	96.2	86.5	54.6	21.8	80.3	606
09-11	100.0	100.0	99.8	98.7	92.2	76.2	49.5	19.0	4.1	68.5	606
12-14	100.0	100.0	100.0	95.2	79.5	50.0	26.9	7.6	2.1	60.8	606
15-17	100.0	100.0	100.0	95.5	77.7	51.5	26.9	10.6	2.6	60.9	606
18-20	100.0	100.0	100.0	99.5	95.0	84.8	59.9	29.0	8.8	72.4	604
21-23	100.0	100.0	100.0	99.5	98.8	94.5	80.6	47.8	18.4	78.5	402
ALL HOURS	100.0	100.0	100.0	98.0	89.9	74.4	53.5	26.9	9.1	69.7	3430

MONTH: OCT

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	99.5	90.6	74.6	44.1	17.2	77.1	639
09-11	100.0	100.0	100.0	98.3	86.4	65.4	38.7	17.8	7.2	66.0	639
12-14	100.0	100.0	100.0	87.9	64.3	38.2	19.9	10.6	4.9	57.3	639
15-17	100.0	100.0	99.7	89.8	66.9	40.2	21.4	12.1	5.7	58.1	637
18-20	100.0	100.0	100.0	99.2	92.6	78.2	53.4	23.7	8.7	70.0	633
21-23	100.0	100.0	100.0	99.8	96.0	86.7	71.1	35.1	13.3	74.8	422
ALL HOURS	100.0	100.0	99.9	95.6	83.6	65.3	45.0	23.2	9.3	66.8	3609

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

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	100.0	99.5	95.7	86.4	71.7	48.7	21.7	77.1	558
09-11	100.0	100.0	99.8	96.6	83.3	63.6	43.7	25.6	8.4	66.6	558
12-14	100.0	100.0	97.3	85.8	64.1	40.2	25.7	14.9	3.9	57.4	557
15-17	100.0	100.0	97.8	83.4	63.4	42.9	26.5	13.5	3.4	57.6	555
18-20	100.0	100.0	99.8	93.7	84.5	71.8	52.7	28.6	8.5	68.2	556
21-23	100.0	100.0	100.0	96.2	88.6	75.9	61.6	37.6	12.4	72.1	370
ALL HOURS	100.0	100.0	99.1	92.3	79.5	62.7	46.1	27.6	9.6	66.2	3154

MONTH: DEC

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	97.6	88.0	71.6	55.2	35.5	9.6	70.2	574
09-11	100.0	100.0	99.4	92.9	79.1	61.0	44.0	26.2	7.6	65.6	618
12-14	100.0	100.0	97.0	82.1	62.2	49.1	30.4	18.2	5.9	58.9	609
15-17	100.0	100.0	96.2	80.5	60.5	47.0	32.7	19.9	5.7	58.8	559
18-20	100.0	100.0	99.8	92.3	78.7	60.4	43.4	27.6	8.1	65.6	442
21-23	100.0	100.0	100.0	94.5	82.5	64.6	49.8	29.2	8.6	67.7	291
ALL HOURS	100.0	100.0	98.6	89.5	74.3	58.4	41.8	25.7	7.5	64.1	3093

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.8	98.7	93.8	85.2	71.2	45.9	19.0	76.0	7446
09-11	100.0	100.0	99.3	94.7	83.2	66.1	44.4	21.6	6.7	66.2	7515
12-14	100.0	99.9	97.5	86.3	67.5	45.5	25.8	12.3	4.1	58.4	7500
15-17	100.0	99.9	95.9	84.6	66.0	44.0	25.9	13.2	4.8	58.0	7428
18-20	100.0	100.0	98.8	93.9	83.2	67.4	45.6	23.8	8.7	66.8	7258
21-23	100.0	100.0	99.5	96.8	91.4	81.0	63.5	37.3	14.3	73.0	4795
ALL HOURS	100.0	100.0	98.4	92.2	80.2	63.8	44.9	24.9	9.3	66.0	41942

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

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PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

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

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	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
0400	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
0700	MEAN	1020.6	1019.2	1018.5	1015.8	1016.9	1016.3	1017.1	1017.7	1019.5	1020.5	1019.8	1020.6	1018.5
	SD	8.254	9.329	9.501	8.034	5.782	4.593	4.030	4.101	5.275	6.131	7.788	8.059	7.165
	TOT OBS	204	192	221	214	213	213	208	223	202	213	186	190	2479
1000	MEAN	1021.6	1020.0	1019.1	1016.1	1017.1	1016.5	1017.4	1018.1	1020.0	1021.1	1020.5	1021.9	1019.1
	SD	8.585	9.533	9.637	8.146	5.892	4.652	4.006	4.127	5.202	6.321	7.994	8.222	7.360
	TOT OBS	204	191	221	214	213	218	212	224	202	213	186	206	2504
1300	MEAN	1019.4	1018.4	1017.7	1014.8	1016.1	1015.7	1016.7	1017.3	1018.9	1019.6	1018.6	1019.7	1017.7
	SD	9.013	9.543	9.433	8.070	5.941	4.615	4.041	4.101	5.193	6.404	7.976	8.286	7.293
	TOT OBS	205	190	221	213	213	218	211	225	202	213	186	202	2499
1600	MEAN	1018.9	1017.5	1016.3	1013.5	1014.9	1014.6	1015.7	1016.3	1017.8	1018.8	1018.1	1019.2	1016.7
	SD	9.174	9.264	9.127	7.835	5.958	4.563	4.058	4.112	5.158	6.448	7.961	8.299	7.274
	TOT OBS	204	190	221	213	213	218	211	225	202	213	185	199	2494
1900	MEAN	1019.9	1018.4	1017.1	1014.1	1015.3	1014.9	1015.8	1016.5	1018.2	1019.7	1019.0	1018.8	1017.2
	SD	9.216	8.986	8.921	7.601	5.727	4.380	3.971	3.999	5.019	6.328	7.955	8.336	7.152
	TOT OBS	195	190	221	212	213	213	207	223	201	212	186	146	2419
2200	MEAN	1020.5	1019.0	1018.0	1015.2	1016.3	1016.0	1016.7	1017.4	1018.9	1020.4	1019.3	1019.3	1018.0
	SD	9.074	8.861	8.857	7.474	5.680	4.352	3.860	3.932	5.084	6.243	7.964	8.083	7.044
	TOT OBS	193	190	220	211	212	200	191	223	201	211	185	145	2382
ALL HOURS	MEAN	1020.1	1018.8	1017.8	1014.9	1016.1	1015.7	1016.6	1017.2	1018.9	1020.0	1019.2	1020.0	1017.9
	SD	8.933	9.288	9.295	7.919	5.885	4.582	4.050	4.115	5.212	6.356	7.980	8.288	7.259
	TOT OBS	1205	1143	1325	1277	1277	1280	1240	1343	1210	1275	1114	1088	14777

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	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
0400	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
0700	MEAN	30.14	30.10	30.08	30.00	30.03	30.01	30.04	30.05	30.11	30.14	30.12	30.14	30.08
	SD	.244	.275	.281	.238	.171	.136	.119	.121	.155	.180	.230	.238	.212
	TOT OBS	204	192	221	214	213	213	208	223	202	212	186	190	2478
1000	MEAN	30.17	30.12	30.10	30.01	30.04	30.02	30.05	30.07	30.12	30.15	30.14	30.18	30.09
	SD	.254	.282	.285	.241	.174	.137	.119	.122	.154	.187	.236	.243	.218
	TOT OBS	205	191	221	214	213	218	212	224	202	213	186	206	2505
1300	MEAN	30.10	30.07	30.05	29.97	30.01	29.99	30.02	30.04	30.09	30.11	30.08	30.11	30.05
	SD	.266	.282	.279	.238	.175	.136	.120	.121	.154	.189	.235	.245	.215
	TOT OBS	205	190	221	213	213	218	211	225	202	213	186	202	2499
1600	MEAN	30.09	30.05	30.01	29.93	29.97	29.96	29.99	30.01	30.06	30.09	30.06	30.10	30.02
	SD	.271	.274	.270	.231	.176	.135	.120	.122	.152	.190	.235	.247	.215
	TOT OBS	204	190	221	213	213	218	211	225	202	213	185	199	2494
1900	MEAN	30.12	30.08	30.03	29.95	29.98	29.97	30.00	30.02	30.07	30.11	30.09	30.09	30.04
	SD	.272	.266	.263	.224	.169	.129	.117	.118	.148	.187	.235	.246	.211
	TOT OBS	195	190	221	212	213	213	207	223	201	212	186	146	2419
2200	MEAN	30.14	30.09	30.06	29.98	30.01	30.00	30.02	30.04	30.09	30.13	30.10	30.10	30.06
	SD	.268	.262	.262	.221	.168	.128	.114	.116	.150	.185	.235	.238	.208
	TOT OBS	193	190	220	211	212	200	191	223	201	211	185	145	2382
ALL HOURS	MEAN	30.12	30.08	30.06	29.97	30.01	29.99	30.02	30.04	30.09	30.12	30.10	30.12	30.06
	SD	.264	.274	.275	.234	.174	.135	.120	.122	.154	.188	.236	.245	.215
	TOT OBS	1206	1143	1325	1277	1277	1280	1240	1343	1210	1274	1114	1088	14777

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: OCT 81 - NOV 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	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
0400	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
0700	MEAN	30.12	30.08	30.06	29.98	30.01	29.99	30.02	30.03	30.09	30.12	30.10	30.12	30.06
	SD	.244	.275	.281	.238	.171	.136	.119	.121	.155	.180	.230	.238	.212
	TOT OBS	204	192	221	214	213	213	208	223	202	212	186	190	2478
1000	MEAN	30.15	30.10	30.08	29.99	30.02	30.00	30.03	30.05	30.10	30.13	30.12	30.16	30.07
	SD	.254	.282	.285	.241	.174	.137	.119	.122	.154	.187	.236	.243	.218
	TOT OBS	205	191	221	214	213	218	212	224	202	213	186	206	2505
1300	MEAN	30.08	30.05	30.03	29.95	29.99	29.97	30.00	30.02	30.07	30.09	30.06	30.09	30.03
	SD	.266	.282	.279	.238	.175	.136	.120	.121	.154	.189	.235	.245	.215
	TOT OBS	205	190	221	213	213	218	211	225	202	213	186	202	2499
1600	MEAN	30.07	30.03	29.99	29.91	29.95	29.94	29.97	29.99	30.04	30.07	30.04	30.08	30.00
	SD	.271	.274	.270	.231	.176	.135	.120	.122	.152	.190	.235	.247	.215
	TOT OBS	204	190	221	213	213	218	211	225	202	213	185	199	2494
1900	MEAN	30.10	30.06	30.01	29.93	29.96	29.95	29.98	30.00	30.05	30.09	30.07	30.07	30.02
	SD	.272	.266	.263	.224	.169	.129	.117	.118	.148	.188	.235	.246	.211
	TOT OBS	195	190	221	212	213	213	207	223	201	211	186	146	2418
2200	MEAN	30.12	30.07	30.04	29.96	29.99	29.98	30.00	30.02	30.07	30.11	30.08	30.08	30.04
	SD	.268	.262	.262	.221	.168	.128	.114	.116	.150	.185	.235	.238	.208
	TOT OBS	193	190	220	211	212	200	191	223	201	211	185	145	2382
ALL HOURS	MEAN	30.10	30.06	30.04	29.95	29.99	29.97	30.00	30.02	30.07	30.10	30.08	30.10	30.04
	SD	.264	.274	.275	.234	.174	.135	.120	.122	.154	.183	.236	.245	.215
	TOT OBS	1206	1143	1325	1277	1277	1280	1240	1343	1210	1271	1114	1088	14776

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	GGGGGG
PPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	GGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPP	AA AA	RRRRRRR	TT	GG
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	GG GGG
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	GGGGG

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: 140-320

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	1.8			610	4.7			615
CATEGORY B				0				0	5.2	2.1		710	10.6	3.6		720

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.1			615	3.3	.3		607	1.5	.2		585	1.3			386
CATEGORY B	8.5	2.2		682	6.9	2.7		670	3.3	.6		633	7.1	1.9	.5	421

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.1	.1		3032	2.9	.1		3418
CATEGORY B	7.0	2.3		3415	7.0	2.2	.1	3836

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	3.8	.5		575	7.2	.5		573
CATEGORY B				0				0	6.6	3.0	.6	662	13.2	5.3	.8	661

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	7.9	.5		571	5.1	.2		570	3.0	.2		570	2.1			380
CATEGORY B	12.2	4.7	.3	658	10.8	5.6	.2	657	5.1	2.0	.2	653	6.1	3.5		424

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.4	.4		2859	5.0	.3		3239
CATEGORY B	9.6	4.1	.4	3291	9.2	4.1	.3	3715

G - 2 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	5.7	.5		663	6.9	.6		663
CATEGORY B				0				0	10.9	5.5	.3	745	14.5	7.2	.5	767

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	8.9	.6		663	8.1	.5		663	5.4			663	5.5	.7		440
CATEGORY B	15.3	5.9	.5	745	12.7	5.7	.3	734	8.7	4.0	.1	732	9.1	5.1	.4	471

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	7.0	.4		3315	6.8	.5		3755
CATEGORY B	12.4	5.7	.3	3723	12.1	5.6	.4	4194

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLY OBS + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	2.6			642	4.5	.3		642
CATEGORY B				0				0	6.2	3.3	.1	730	11.0	3.7	.1	730

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.3	.9		639	5.2	.6		640	2.4			637	3.3			422
CATEGORY B	11.0	4.6	.7	690	10.2	4.3	.4	704	8.6	2.7	.3	699	7.3	4.1	.2	441

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.0	.4		3200	3.9	.3		3622
CATEGORY B	9.4	3.7	.3	3553	9.1	3.8	.3	3994

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	1.1			639	3.0			639
CATEGORY B				0				0	3.3	.7		757	7.1	2.6		719

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.0	.2		639	2.8			639	.8			639	.7			425
CATEGORY B	7.8	2.9		694	6.6	2.4		711	2.1	.6	.1	709	2.0	.2		450

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.1	.0		3195	2.0	.0		3620
CATEGORY B	5.3	1.8	.0	3590	5.0	1.6	.0	4040

G - 2 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	1.4			643	1.8	.2		654
CATEGORY B				0				0	2.7	.7		706	4.1	.9		685

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.8	.2		654	1.8	.2		649	.2			639	.7			413
CATEGORY B	4.6	1.9	.1	692	5.3	2.4	.7	739	3.4	1.2		727	1.9	.9		427

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.4	.1		3239	1.3	.1		3652
CATEGORY B	4.0	1.4	.2	3549	3.8	1.4	.2	3976

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	1.0			627	2.0			636
CATEGORY B				0				0	2.5	1.0		710	3.3	1.4		702

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.7			633	1.6			629	.6			621	.8			398
CATEGORY B	4.2	1.9	.1	687	5.6	2.2	.4	717	4.2	2.4		697	1.9	1.2		411

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.6			3146	1.5			3544
CATEGORY B	4.0	1.8	.1	3513	3.7	1.7	.1	3924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	1.2			670	1.9			672
CATEGORY B				0				0	1.7			768	4.0	1.1		724

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.6			675	1.5			674	.7			669	.4			446
CATEGORY B	3.8	1.2		772	3.0	1.0		762	2.1	1.0		722	1.1			461

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.4			3360	1.3			3806
CATEGORY B	2.9	.9		3748	2.7	.8		4209

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	1.7			606	3.3			606
CATEGORY B				0				0	3.0	1.7		697	7.2	2.9		666

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.0	.2		606	2.3			606	.5			604	.7			402
CATEGORY B	5.2	1.5		671	5.6	2.3		666	1.1	.3		632	1.5	.7		409

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.1	.0		3028	2.0	.0		3430
CATEGORY B	4.4	1.7		3332	4.1	1.6		3741

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	1.3	.6		639	3.6	.5		639
CATEGORY B				0				0	1.8	1.3	.3	717	7.8	3.7	.3	696

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.3	.3		639	1.6			637	.9			634	.9	.2		422
CATEGORY B	7.3	3.2	.4	681	5.6	1.8	.1	675	2.3	1.1	.2	656	2.5	1.4	.2	432

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.9	.3		3188	1.8	.3		3610
CATEGORY B	5.0	2.2	.3	3425	4.7	2.1	.3	3857

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	1.6			558	2.9	.2		558
CATEGORY B				0				0	4.9	1.1		637	7.9	3.5		632

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.2			557	1.4	.2		555	.9			556	1.1			370
CATEGORY B	7.4	2.8		609	5.5	1.7	.2	597	3.2	.7		601	5.8	2.5		396

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.8	.1		2784	1.7	.1		3154
CATEGORY B	5.8	2.0	.0	3076	5.8	2.0	.0	3472

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	1.7			574	3.6			618
CATEGORY B				0				0	5.7	1.9		619	7.5	3.2		677

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.9	.2		609	2.9	.4		559	2.9			442	1.0			291
CATEGORY B	7.1	4.1		665	5.8	2.7	.2	582	4.7	2.6	.2	464	3.7	1.3		299

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.0	.1		2802	2.8	.1		3093
CATEGORY B	6.3	3.0	.1	3007	6.0	2.8	.1	3306

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 140-320

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				0				0	2.1	.1		7446	3.8	.2		7515
CATEGORY B				0				0	4.5	1.9	.1	8458	8.2	3.3	.1	8379

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.9	.3		7500	3.2	.2		7428	1.6	.0		7259	1.6	.1		4795
CATEGORY B	7.9	3.1	.2	8246	7.0	2.9	.2	8214	4.1	1.6	.1	7925	4.2	1.9	.1	5042

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.9	.2		37148	2.8	.2		41943
CATEGORY B	6.3	2.5	.1	41222	6.1	2.5	.1	46264

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPPPP	AAAAAAAA	RRRRRRRRRR	TTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPPPP	AA AA	RRRRRRRRRR	TT	HHHHHHHHHH	
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	HHHHHHHHHH	
PP	AAAAAAAAAA	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 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: 723087

STATION NAME: FORT EUSTIS/PELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: JAN 61 - APR 70

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

MEAN

SD

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 723087

STATION NAME: FORT EUSTIS/FELKER AAF VA
LST TO UTC: + 5

PERIOD OF RECORD: JAN 61 - APR 70

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

.....
MEAN |

SD |

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A W S LIMITED CLIMATIC BRIEF MAY 92	STATION NAME: FORT EUSTIS/PELKER AAF VA												FIELD ELEV: 12 FT		
	LATITUDE/LONGITUDE: 37 08 N 076 37 W												STATION MSC: 723087		
	BOURLY OBS POR: OCT 81 - NOV 91												CALL SIGN: KFAF		
	SUMMARY OF DAY POR: NOV 60-SEP 91 (PART TIME DATA, MAY 70 - SEP 91)												SUPERSEDES: APR 87		
	HOURS SUMMARIZED: 0600 - 2200 LST														
	LST TO UTC: +05														
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
EXTRM MAX TEMP (F)	75	81	85	91	94	99	98	99	96	89	84	76	99	30	
MEAN MAX TEMP (F)	46	49	58	67	75	83	86	85	79	69	61	50	67	30	
MEAN TEMP (F)	39	42	50	59	67	75	79	78	72	62	53	43	60	30	
MEAN MIN TEMP (F)	32	34	41	49	59	67	72	71	65	53	44	36	52	30	
EXTRM MIN TEMP (F)	4	9	19	30	37	45	58	49	44	32	23	13	4	30	
D/W TEMP GE 90 (F)	0	0	0	1	1	4	9	7	2	0	0	0	24	30	
D/W TEMP GE 80 (F)	0	#	1	4	10	21	28	26	15	3	1	0	109	30	
D/W TEMP LT 33 (F)	17	13	5	1	0	0	0	0	0	1	2	12	51	30	
D/W TEMP LT 10 (F)	1	#	0	0	0	0	0	0	0	0	0	0	1	30	
@HEATING DEGREE DAYS	781	648	498	237	59	3	0	#	12	145	386	668	3437	52	
@@COOLING DEGREE DAYS	#	#	8	33	132	311	438	409	240	52	8	#	1631	52	
MEAN DEWPOINT TEMP (F)	27	32	37	44	56	64	69	68	62	52	43	34	50	10	
MEAN WET BULB TEMP (F)	35	40	45	51	61	68	73	72	66	57	49	41	55	10	
99.95% WCPA (FT)	650	700	750	700	450	350	300	300	350	400	600	600	550	10	
MEAN REL HUM 07 LST(%)	68.4	72.1	71.9	73.3	79.2	78.8	79.6	83.0	80.3	77.1	77.1	70.2	76.0	10	
MEAN REL HUM 13 LST(%)	55.6	57.5	54.8	52.5	60.4	59.4	62.3	64.0	60.8	57.3	57.4	58.9	58.4	10	
MAX 24HR PRECIP (IN)	4.16	2.67	2.55	2.44	4.30	4.87	6.59	3.89	5.24	2.70	3.52	2.16	6.59	32	
MAX PRECIP (IN)	8.29	6.73	7.43	5.64	9.77	9.51	12.77	8.88	12.19	9.16	6.24	5.92	63.33	32	
MEAN PRECIP (IN)	3.39	3.31	3.81	2.71	4.06	4.18	5.41	4.09	4.53	2.94	2.50	3.41	44.08	32	
MIN PRECIP (IN)	1.47	1.01	1.58	.51	.29	1.19	2.21	1.07	.80	.27	.23	.58	22.82	32	
D/W PRECIP GE .01 (IN)	11	10	11	10	11	11	12	10	8	8	8	10	120	32	
D/W PRECIP GT .50 (IN)	2	3	3	2	3	3	4	3	3	2	2	3	33	32	
MAX 24HR SNFL (IN)	7.3	9.6	7.4	1.4	0	0	0	0	0	0	.4	3.9	9.6	32	
MAX SNFL (IN)	17.3	9.9	7.4	2.0	0	0	0	0	0	0	.4	4.4	23.7	32	
MEAN SNFL (IN)	3.7	3.0	1.5	#	0	0	0	0	0	0	#	.7	9.0	32	
D/W SNFL GE .1 (IN)	2	2	1	#	0	0	0	0	0	0	#	1	6	32	
D/W SNFL GE 1.5 (IN)	1	1	1	0	0	0	0	0	0	0	0	1	4	32	
MAX DLY SNO DEPTH (IN)	13	12	12	#	0	0	0	0	0	0	#	3	13	32	
PRVING WND DIR (DEG)	\$35-01	\$35-01	\$32-34	\$32-34	\$17-19	20-22	\$20-22	\$20-22	\$02-04	\$32-34	\$35-01	\$35-01	\$20-22	10	
MEAN WND SPD (KTS)	5	5	6	6	4	4	4	4	4	4	5	5	5	10	
MAX WND SPD (KTS)	54	51	52	50	61	55	46	40	48	48	46	52	61	29	
SKY COVER GT 5/10 (%)	54.4	64.9	58.1	54.0	58.8	51.0	57.1	54.5	49.7	47.2	51.7	60.2	55.1	10	
D/W THUNDERSTORMS	1	1	2	2	5	6	8	7	2	1	1	1	37	32	
D/W FOG (VSBY LT 7 MI)	11	10	11	10	13	13	14	15	15	14	11	11	148	32	
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	06 - 08	22.5	26.4	24.1	18.7	25.0	13.4	17.2	18.4	19.5	24.7	27.6	22.5	21.7	10
	09 - 11	20.2	25.8	21.4	16.2	21.0	6.9	12.1	13.5	13.4	18.3	20.1	20.4	17.4	10
	12 - 14	18.2	23.1	17.5	15.3	14.6	4.7	7.3	8.9	11.1	13.8	16.2	18.9	14.1	10
	15 - 17	18.3	24.4	15.2	10.8	10.6	3.7	5.1	6.4	8.9	12.9	10.3	18.6	12.1	10
	18 - 20	18.1	23.9	17.9	10.7	10.8	6.1	5.8	6.3	8.4	12.0	11.7	15.8	12.3	10
	21 - 23	17.4	24.2	19.3	13.5	10.4	5.8	4.0	6.1	9.7	12.6	12.4	14.4	12.5	10
	ALL	19.2	24.7	19.3	14.2	15.7	6.8	8.9	10.1	12.0	15.9	16.6	18.9	15.0	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	06 - 08	18.0	20.5	18.6	14.0	19.1	11.0	12.1	14.0	16.0	19.1	24.6	17.4	17.0	10
	09 - 11	16.4	18.7	15.4	10.4	11.7	4.3	6.3	9.7	8.1	11.4	15.6	16.2	12.0	10
	12 - 14	15.9	16.3	11.9	6.1	4.4	1.1	3.8	4.1	4.5	9.9	9.0	14.1	8.4	10
	15 - 17	14.8	16.1	10.4	5.5	4.4	1.4	2.5	2.5	3.6	9.3	4.9	13.6	7.4	10
	18 - 20	16.1	16.7	14.3	6.6	6.7	3.9	2.3	3.4	5.0	8.5	6.5	12.0	8.5	10
	21 - 23	14.8	18.4	15.0	9.7	8.0	3.1	1.8	2.9	6.7	9.5	10.0	10.7	9.2	10
	ALL	16.1	17.8	14.2	8.7	9.1	4.2	5.0	6.3	7.3	11.4	11.9	14.4	10.4	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	06 - 08	12.6	17.0	13.9	10.0	13.5	7.3	5.1	8.2	10.7	14.7	17.9	14.6	12.1	10
	09 - 11	13.5	14.8	10.7	7.0	5.0	1.7	2.7	3.6	3.1	7.8	11.8	12.5	7.8	10
	12 - 14	11.5	12.8	8.6	2.8	2.5	.2	1.6	1.5	1.5	5.5	6.3	11.0	5.5	10
	15 - 17	13.0	13.0	7.4	2.8	1.9	.6	1.7	1.3	1.2	5.5	3.8	9.8	5.2	10
	18 - 20	13.5	11.9	8.9	4.2	2.8	1.6	.8	2.7	1.8	5.8	3.8	8.8	5.5	10
	21 - 23	14.0	14.2	11.4	5.7	4.5	1.5	.8	1.3	3.5	6.6	4.9	8.6	6.4	10
	ALL	13.0	14.0	10.1	5.4	5.1	2.2	2.2	3.2	3.6	7.7	8.3	11.2	7.0	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	10
	06 - 08	2.1	3.3	3.0	1.7	.8	.2	.0	.6	1.5	3.4	5.6	3.5	2.1	10
	09 - 11	1.5	1.4	.3	.5	.0	.0	.0	.0	.3	.0	1.8	1.5	.6	10
	12 - 14	.5	.7	.2	.0	.0	.0	.0	.1	.0	.0	.0	.7	.2	10
	15 - 17	.8	.2	.2	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	10
	18 - 20	2.4	.9	.3	1.4	.0	.0	.0	.0	.0	.0	.2	1.4	.5	10
	21 - 23	2.1	2.1	1.1	.7	.0	.0	.0	.0	.0	.0	1.1	1.4	.7	10
	ALL	1.5	1.4	.8	.7	.1	.1	.0	.1	.3	.5	1.5	1.4	.7	10

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

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/1	0/3	3/5	2/4	0/0	0/0	0/0	5/13
120NM	0/0	0/0	0/0	0/0	0/0	0/5	3/4	8/13	7/10	1/2	0/1	0/0	19/35
240NM	0/0	0/0	0/0	0/0	1/2	1/11	5/10	22/22	21/23	5/7	2/4	0/0	57/79

REMARKS : @HEATING AND COOLING DEGREE DAY VALUES WERE TAKEN FROM CLIMATIC BRIEF FOR LANGLEY AFB (APR 90).

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